

PUBLICACIONES 2007

1. [A portrait of the nucleus of comet 67P/Churyumov-Gerasimenko](#)
Author(s): Lamy PL, Toth I, Davidsson BJR, et al.
Source: SPACE SCIENCE REVIEWS Volume: 128 Issue: 1-4 Pages: 23-66
Published: 2007
 - ESA: Hubble ; ROSETTA (on-going studies)

2. [Search for tidal dwarf galaxy candidates in a sample of ultraluminous infrared galaxies](#)
Author(s): Monreal-Ibero, A; Colina, L; Arribas, S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 472 Pages: 421-433
Published: 2007
 - ESA: Hubble; INTEGRAL

3. [Supermassive black holes in the Sbc spiral galaxies NGC 3310, NGC 4303 and NGC 4258](#)
Author(s): Pastorini, G; Marconi, A; Capetti, A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 469 Issue: 2 Pages: 405-U50
Published: JUL 2007
 - ESA: Hubble

4. [HST/ACS observations of shell galaxies: inner shells, shell colours and dust](#)
Author(s): Sikkema, G; Carter, D; Peletier, RF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 467 Issue: 3 Pages: 1011-U27
Published: JUN 2007
 - ESA: Hubble

5. [Optical detection of the radio supernova SN 2000ft in the circumnuclear region of the luminous infrared galaxy NGC 7469](#)
Author(s): Colina, L; Diaz-Santos, T; Alonso-Herrero, A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 467 Issue: 2 Pages: 559-564
Published: MAY 2007
 - ESA: Hubble

6. [HST and VLT observations of the symbiotic star Hen 2-147 - Its nebular dynamics, its Mira variable and its distance](#)
Author(s): Santander-Garcia, M; Corradi, RLM; Whitelock, PA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 465 Issue: 2 Pages: 481-491
Published: 2007
 - ESA: Hubble

7. [Black hole masses and Eddington ratios of AGNs at \$z < 1\$: Evidence of retriggering for a representative sample of X-ray-selected AGNs](#)
 Ballo, L; Cristiani, S; Fasano, G, et al.
 ASTROPHYSICAL JOURNAL Volume: 667 Issue: 1 Pages: 97-116
 Published: 2007
 - [ESA: Hubble](#)
8. [A detailed study of the enigmatic cluster M82F](#)
 Author(s): Bastian, N; Konstantopoulos, I; Smith, LJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 379 Issue: 4 Pages: 1333-1342 Published: 2007
 - [ESA: Hubble](#)
9. [Morphologies and stellar populations of galaxies in the core of Abell 2218](#)
 Author(s): Sanchez, SF; Cardiel, N; Verheijen, MAW, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 376 Issue: 1 Pages: 125-150 Published: MAR 21 2007
 - [ESA: Hubble](#)
10. [A deeper search for the progenitor of the Type Ic supernova 2002ap](#)
 Author(s): Crockett, RM; Smartt, SJ; Eldridge, JJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 381 Pages: 835-850 Published: 2007
 - [ESA: Hubble](#)
11. [Gemini GMOS/IFU spectroscopy of NGC 1569-I. Mapping the properties of a young star cluster and its environment](#)
 Author(s): Westmoquette, MS; Exter, KM; Smith, LJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 381 Pages: 894-912 Published: 2007
 - [ESA: Hubble \(catálogo\)](#)
12. [A census of young stellar populations in the warm ULIRG PKS 1345+12](#)
 Author(s): Zaurin, JR; Holt, J; Tadhunter, CN, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 375 Issue: 4 Pages: 1133-1145 Published: MAR 11 2007
 - [ESA: Hubble](#)
 - [ORM: WHT](#)

13. [A multiwavelength map of the nuclear region of NGC 7582](#)
Author(s): Bianchi, S; Chiaberge, M; Piconcelli, E, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 374 Issue: 2 Pages: 697-702 Published: JAN 11 2007
 - [ESA: Hubble](#)
14. [The acs survey of galactic globular clusters: M54 and young populations in the sagittarius dwarf spheroidal galaxy](#)
Author(s): Siegel, MH; Dotter, A; Majewski, SR, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 667 Issue: 1 Pages: L57-L60 Part: 2 Published: SEP 20 2007
 - [ESA: Hubble](#)
15. [Galactic bulges from Hubble Space Telescope NICMOS observations: Central galaxian objects, and nuclear profile slopes](#)
Author(s): Balcells, M; Graham, AW; Peletier, RF
Source: ASTROPHYSICAL JOURNAL Volume: 665 Pages: 1084-1103 Published: 2007
 - [ESA: Hubble](#)
 - [ORM: ING y WHT](#)
16. [Leo A: A late-blooming survivor of the epoch of reionization in the local group](#)
Author(s): Cole, AA; Skillman, ED; Tolstoy, E, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 659 Issue: 1 Pages: L17-L20 Part: 2 Published: APR 10 2007
 - [ESA: Hubble](#)
17. [Resolved galaxies in the hubble ultra deep field: Star formation in disks at high redshift](#)
Author(s): Elmegreen, DM; Elmegreen, BG; Ravindranath, S, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 658 Issue: 2 Pages: 763-777 Part: 1 Published: APR 1 2007
 - [ESA: Hubble](#)
18. [The resolved stellar populations of a dwarf spheroidal galaxy in the Virgo cluster](#)
Author(s): Durrell, PR; Williams, BF; Ciardullo, R, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 656 Issue: 2 Pages: 746-755 Part: 1 Published: FEB 20 2007
 - [ESA: Hubble](#)

19. [The metallicity distribution of intracluster stars in Virgo](#)
Author(s): Williams, BF; Ciardullo, R; Durrell, PR, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 656 Issue: 2 Pages: 756-769 Part: 1 Published: FEB 20 2007
 - [ESA: Hubble](#)
20. [Virgo's intracluster globular clusters as seen by the advanced camera for surveys](#)
Author(s): Williams, BF; Ciardullo, R; Durrell, PR, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 654 Issue: 2 Pages: 835-843 Part: 1 Published: JAN 10 2007
 - [ESA: Hubble](#)
21. [An atlas of the circumnuclear regions of 75 Seyfert galaxies in the near-ultraviolet with the Hubble Space Telescope Advanced Camera for Surveys](#)
Author(s): Marin, VMM; Delgado, RMG; Schmitt, HR, et al.
Source: ASTRONOMICAL JOURNAL Volume: 134 Issue: 2 Pages: 648-667 Published: AUG 2007
 - [ESA: Hubble](#)
22. [Automated selection and characterization of emission-line sources in Advanced Camera for Surveys wide field camera grism data](#)
Author(s): Meurer, GR; Tsvetanov, ZI; Gronwall, C, et al.
Source: ASTRONOMICAL JOURNAL Volume: 134 Issue: 1 Pages: 77-95 Published: JUL 2007
 - [ESA: Hubble](#)
23. [The ACS survey of galactic globular clusters. I. Overview and clusters without previous Hubble Space Telescope photometry](#)
Author(s): Sarajedini, A; Bedin, LR; Chaboyer, B, et al.
Source: ASTRONOMICAL JOURNAL Volume: 133 Issue: 4 Pages: 1658-1672 Published: APR 2007
 - [ESA: Hubble](#)
24. [Stellar populations found in the central kiloparsec of four luminous compact blue galaxies at intermediate z](#)
Author(s): Hoyos, C; Guzman, R; Diaz, AI, et al.
Source: ASTRONOMICAL JOURNAL Volume: 134 Issue: 6 Pages: 2455-2473 Published: 2007
 - [ESA: Hubble](#)

25. [Preplanetary nebulae: A Hubble Space Telescope imaging survey and a new morphological classification system](#)
 Author(s): Sahai, R; Morris, M; Contreras, CS, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 134 Pages: 2200-2225
 Published: 2007
- [ESA: Hubble](#)
26. [Non-circular motion evidence in the circumnuclear region of M100 \(NGC 4321\)](#)
 Author(s): Castillo-Morales, A; Jimenez-Vicente, J; Mediavilla, E, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 380 Pages: 489-498 Published: 2007
- [ESA: Hubble](#)
27. [Nuclear spirals as feeding channels to the supermassive black hole: The case of the galaxy NGC 6951](#)
 Storchi-Bergmann T, Dors OL, Riffel RA, et al.
 ASTROPHYSICAL JOURNAL Volume: 670 Issue: 2 Pages: 959-967, 2007
- [ESA: Hubble](#)
28. [Resolving the stellar populations in the circumnuclear ring of NGC 7469](#)
 Diaz-Santos, T; Alonso-Herrero, A; Colina, L, et al.
 ASTROPHYSICAL JOURNAL Volume: 661 Issue: 1 Pages: 149-164 Part: 1
 Published: MAY 20 2007
- [ESA: Hubble](#)
29. [Evidence of stellar-driven outflows from the classical T Tauri star RY Tau](#)
 de Castro, AIG; Verdugo, E
 ASTROPHYSICAL JOURNAL Volume: 654 Issue: 1 Pages: L91-L94 Part: 2
 Published: JAN 1 2007
- [ESA: Hubble](#)
30. **A new paradigm for the X-ray emission of O stars from XMM-Newton observations of the O9.7 supergiant ζ Orionis**
 A. M. T. Pollock
 Astronomy and Astrophysics 463 3 (2007) 1111-1123
- [ESA: XMM-Newton](#)
31. **Candidate tidal disruption events from the XMM-Newton slew survey**
 P. Esquej, R. D. Saxton, M. J. Freyberg, A. M. Read, B. Altieri, M. Sanchez-Portal, G. Hasinger
 Astronomy and Astrophysics 462 3 (2007) L49-L52
- [ESA: XMM-Newton](#)

32. **A Wolf-Rayet/black-hole X-ray binary candidate in NGC 300**
 S. Carpano , A. M. T. Pollock, J. Wilms, M. Ehle, M. Schirmer
 Astronomy and Astrophysics 461 1 (2007) L9-L12
- [ESA: XMM-Newton](#)
 - [La Silla: 2.2 m MPG/ESO telescope](#)
33. **The XMM-Newton serendipitous survey - IV. Optical identification of the XMM-Newton medium sensitivity survey (XMS)**
 X. Barcons et al.
 Astronomy and Astrophysics 476 3 (2007) 1191-1203
- [ESA: XMM-Newton](#)
 - [ESO: Paranal](#)
 - [ORM: INT/WHT, TNG and NOT](#)
 - [CAHA](#)
34. **Unveiling the broad band X-ray continuum and iron line complex in Mrk 841**
 P. O. Petrucci, G. Ponti, G. Matt, A. L. Longinotti, J. Malzac, M. Mouchet, C. Boisson, L. Maraschi, K. Nandra, P. Ferrando
 Astronomy and Astrophysics 470 3 (2007) 889-902
- [ESA: XMM-Newton](#)
35. **An X-ray look at the Seyfert 1 Galaxy Mrk 590: XMM-Newton and Chandra reveal complexity in circumnuclear gas**
 A. L. Longinotti, S. Bianchi, M. Santos-Lleo, P. Rodriguez-Pascual, M. Guainazzi, M. Cardaci, A. M. T. Pollock
 Astronomy and Astrophysics 470 1 (2007) 73-81
- [ESA: XMM-Newton](#)
36. **High-resolution X-ray spectroscopy and imaging of the nuclear outflow of the starburst galaxy NGC 253**
 M. Bauer, W. Pietsch, G. Trinchieri, D. Breitschwerdt, M. Ehle, A. Read
 Astronomy and Astrophysics 467 3 (2007) 979-989
- [ESA: XMM-Newton](#)
37. **XMM-Newton broad-band observations of NGC 7582: N_H variations and fading out of the active nucleus**
 E. Piconcelli, S. Bianchi, M. Guainazzi, F. Fiore, M. Chiaberge
 Astronomy and Astrophysics 466 3 (2007) 855-863
- [ESA: XMM-Newton](#)

38. **Structure detection in the D1 CFHTLS deep field using accurate photometric redshifts: a benchmark**
 A. Mazure et al.
 Astronomy and Astrophysics 467 1 (2007) 49-62
- [ESA: XMM-Newton](#)
 - [ESO: VLT-VIMOS](#)
39. **The XMM-Newton/INTEGRAL monitoring campaign of IGR J16318-4848**
 A. Ibarra, G. Matt, M. Guainazzi, E. Kuulkers, E. Jiménez-Bailón, J. Rodríguez, F. Nicastro, R. Walter
 Astronomy and Astrophysics 465 2 (2007) 501-507
- [ESA: XMM-Newton ; INTEGRAL](#)
40. **2003–2005 INTEGRAL and XMM-Newton observations of 3C 273**
 M. Chernyakova et al.
 Astronomy and Astrophysics 465 1 (2007) 147-156
- [ESA: XMM-Newton ; INTEGRAL](#)
41. **On the X-ray and optical properties of the Be star HD 110432: a very hard-thermal X-ray emitter**
 R. Lopes de Oliveira, C. Motch, M. A. Smith, I. Negueruela, J. M. Torrejón
 Astronomy and Astrophysics 474 3 (2007) 983-996
- [ESA: XMM-Newton](#)
42. **Elusive AGN in the XMM-Newton bright serendipitous survey**
 A. Caccianiga, P. Severgnini, R. Della Ceca, T. Maccaro, F. J. Carrera, M. J. Page
 Astronomy and Astrophysics 470 2 (2007) 557-570
- [ESA: XMM-Newton](#)
 - [ESO: La Silla](#)
 - [ORM: TNG](#)
 - [CAHA:](#)
43. **The XMM-LSS survey: the Class 1 cluster sample over the initial 5 deg² and its cosmological modelling**
 F. Pacaud, et al
 Monthly Notices of the Royal Astronomical Society
 Volume 382, Issue 3, Date: December 2007, Pages: 1289-1308
- [ESA: XMM-Newton](#)

44. **The XMM-Large Scale Structure catalogue: X-ray sources and associated optical data. Version I**
Monthly Notices of the Royal Astronomical Society
Volume 382, Issue 1, Date: November 2007, Pages: 279-290
M. Pierre, et al
- [ESA: XMM-Newton](#)
45. **On the origin of soft X-rays in obscured AGN: answers from high-resolution spectroscopy with XMM-Newton**
Monthly Notices of the Royal Astronomical Society
Volume 374, Issue 4, Date: February 2007, Pages: 1290-1302
Matteo Guainazzi, Stefano Bianchi
- [ESA: XMM-Newton](#)
46. [Observation of enhanced X-ray emission from the CTTS AA Tauri during one transit of an accretion funnel flow](#)
Author(s): Grosso, N; Bouvier, J; Montmerle, T, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 475 Pages: 607-U70
Published: 2007
- [ESA: XMM-Newton](#)
47. [WEBT and XMM-Newton observations of 3C 454.3 during the post-outburst phase - Detection of the little and big blue bumps](#)
Author(s): Raiteri, CM; Villata, M; Larionov, VM, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 473 Pages: 819-827
Published: 2007
- [ESA: XMM-Newton](#)
 - [ORM: NOT](#)
48. [Exploring the connection between the stellar wind and the non-thermal emission in LS 5039](#)
Author(s): Bosch-Ramon, V; Motch, C; Ribo, M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 473 Pages: 545-+
Published: 2007
- [ESA: XMM-Newton](#)
49. [XMM-Newton observations of the Lockman hole - V. time variability of the brightest AGN](#)
Author(s): Mateos, S; Barcons, X; Carrera, FJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 473 Issue: 1 Pages: 105-U5
Published: 2007
- [ESA: XMM-Newton](#)

50. [Magnetic fields and gas in the cluster-influenced spiral galaxy NGC4254 - I. Radio and X-rays observations](#)
Author(s): Chyzy, KT; Ehle, M; Beck, R
Source: ASTRONOMY & ASTROPHYSICS Volume: 474 Issue: 2 Pages: 415-U35 Published: 2007
- ESA: XMM-Newton
51. [XMM-Newton observation of the deep minimum state of PG 2112+059 - A spectrum dominated by reflection from the accretion disk?](#)
Author(s): Schartel, N; Rodriguez-Pascual, PM; Santos-Lleo, M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 474 Pages: 431-441
Published: 2007
- ESA: XMM-Newton
52. [X-ray flares on the UV Ceti-type star CC Eridani: a "peculiar" time-evolution of spectral parameters](#)
Author(s): Crespo-Chacon, I; Micela, G; Reale, F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 471 Issue: 3 Pages: 929-939 Published: SEP 2007
- ESA: XMM-Newton
53. [An ultraluminous supersoft source with a 4 hour modulation in NGC 4631](#)
Author(s): Carpano, S; Pollock, AMT; King, AR, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 471 Issue: 3 Pages: L55-L58 Published: SEP 2007
- ESA: XMM-Newton
54. [An XMM-Newton study of hyper-luminous infrared galaxies](#)
Author(s): Ruiz, A; Carrera, FJ; Panessa, F
Source: ASTRONOMY & ASTROPHYSICS Volume: 471 Pages: 775-U53
Published: 2007
- ESA: XMM-Newton; ISO
55. [The XMM-Newton serendipitous survey - III. The AXIS X-ray source counts and angular clustering](#)
Author(s): Carrera, FJ; Ebrero, J; Mateos, S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 469 Issue: 1 Pages: 27-U51 Published: 2007
- ESA: XMM-Newton

56. [IGR J17254-3257, a new bursting neutron star](#)
 Author(s): Chenevez, J; Falanga, M; Kuulkers, E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 469 Issue: 1 Pages:
 L27-L30 Published: JUL 2007
- [ESA: XMM-Newton; INTEGRAL](#)
57. [XMM-Newton view of galaxy pairs: activation of quiescent black holes?](#)
 Author(s): Jimenez-Bailon, E; Loiseau, N; Guainazzi, M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 469 Issue: 3 Pages:
 881-889 Published: JUL 2007
- [ESA: XMM-Newton](#)
58. [A study of Jupiter's aurorae with XMM-Newton](#)
 Author(s): Branduardi-Raymont, G; Bhardwaj, A; Elsner, RF, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 463 Issue: 2 Pages:
 761-774 Published: 2007
- [ESA: XMM-Newton](#)
59. [Candidate tidal disruption events from the XMM-Newton slew survey](#)
 Author(s): Esquej, P; Saxton, RD; Freyberg, MJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 462 Issue: 3 Pages:
 L49-L52 Published: FEB 2007
- [ESA: XMM-Newton \(archivo\)](#)
60. [XMM-Newton and INTEGRAL spectroscopy of the microquasar GRO J1655-40 during its 2005 outburst](#)
 Author(s): Trigo, MD; Parmar, AN; Miller, J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 462 Issue: 2 Pages:
 657-666 Published: FEB 2007
- [ESA: XMM-Newton; INTEGRAL](#)
61. [XMM-Newton view of the double-peaked FeK alpha complex in E1821+643](#)
 Author(s): Jimenez-Bailon, E; Santos-Lleo, M; Piconcelli, E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 461 Issue: 3 Pages:
 917-922 Published: JAN 2007
- [ESA: XMM-Newton](#)
62. [Broad-band X-ray spectrum of the newly discovered broad-line radio galaxy IGR J21247+5058](#)
 Author(s): Molina, M; Giroletti, M; Malizia, A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
 SOCIETY Volume: 382 Pages: 937-943 Published: 2007
- [ESA: XMM-Newton; INTEGRAL](#)

63. [XMM-Newton unveils the type 2 nature of the BLRG 3C 445](#)
 Author(s): Grandi, P; Guainazzi, M; Cappi, M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 381 Pages: L21-L25 Published: 2007
- [ESA: XMM-Newton](#)
64. [On the relativistic iron line and soft excess in the Seyfert 1 galaxy Markarian 335](#)
 Author(s): O'Neill, PM; Nandra, K; Cappi, M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 381 Pages: L94-L98 Published: 2007
- [ESA: XMM-Newton](#)
65. [An XMM-Newton observation of the neutron star X-ray transient 2S 1803-245 in quiescence](#)
 Author(s): Cornelisse, R; Wijnands, R; Homan, J
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 380 Pages: 1637-1641 Published: 2007
- [ESA: XMM-Newton](#)
66. [The SCUBA half degree extragalactic survey - IV. Radio-mm-FIR photometric redshifts](#)
 Author(s): Aretxaga, I; Hughes, DH; Coppin, K, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 379 Issue: 4 Pages: 1571-1588 Published: 2007
- [ESA: XMM-Newton](#)
67. [The XMM-SSC survey of hard-spectrum XMM-Newton sources - I. Optically bright sources](#)
 Author(s): Page, MJ; Lehmann, I; Boller, T, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 378 Issue: 4 Pages: 1335-1355 Published: 2007
- [ESA: XMM-Newton](#)
 - [ORM: WHT](#)
 - [ESO:](#)
68. [Towards an understanding of the Of?p star HD 191612: phase-resolved multiwavelength observations](#)
 Author(s): Naze, Y; Rauw, G; Pollock, AMT, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 375 Issue: 1 Pages: 145-153 Published: 2007
- [ESA: XMM-Newton](#)

69. [Evidence for relativistic features in the X-ray spectrum of Mrk 335](#)
Author(s): Longinotti, AL; Sim, SA; Nandra, K, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 374 Issue: 1 Pages: 237-247 Published: JAN 2007
- [ESA: XMM-Newton](#)
70. [Nondetection of gravitationally redshifted absorption lines in the X-ray burst spectra of gs 1826-24](#)
Author(s): Kong, AKH; Miller, JM; Mendez, M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 670 Pages: L17-L20
Published: 2007
- [ESA: XMM-Newton](#)
71. [The spectrum of the black hole X-ray nova V404 Cygni in quiescence as measured by XMM-Newton](#)
Author(s): Bradley, CK; Hynes, RI; Kong, AKH, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 667 Pages: 427-432
Published: 2007
- [ESA: XMM-Newton](#)
72. [The SSS phase of RS ophiuchi observed with Chandra and XMM-Newton. I. data and preliminary modeling](#)
Author(s): Ness, JU; Starrfield, S; Beardmore, AP, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 665 Pages: 1334-1348
Published: 2007
- [ESA: XMM-Newton](#)
73. [XMM-Newton observations of Nova Sagittarii 1998](#)
Author(s): Hernanz, M; Sala, G
Source: ASTROPHYSICAL JOURNAL Volume: 664 Issue: 1 Pages: 467-473 Part: 1 Published: JUL 20 200
- [ESA: XMM-Newton](#)
74. [GRB 061121: Broadband spectral evolution through the prompt and afterglow phases of a bright burst](#)
Author(s): Page, KL; Willingale, R; Osborne, JP, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 663 Issue: 2 Pages: 1125-1138 Published: 2007
- [ESA: XMM-Newton](#)

75. [General relativistic flux modulations from disk instabilities in Sagittarius A](#)
Author(s): Falanga, M; Melia, F; Tagger, M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 662 Issue: 1 Pages: L15-L18 Part: 2 Published: JUN 10 2007
- [ESA: XMM-Newton](#)
76. [Swift and XMM-Newton observations of the extraordinary gamma-ray burst 060729: More than 125 days of x-ray afterglow](#)
Author(s): Grupe, D; Gronwall, C; Wang, XY, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 662 Issue: 1 Pages: 443-458 Part: 1 Published: JUN 10 2007
- [ESA: XMM-Newton](#)
77. [A multiwavelength study of 1WGA J1346.5-6255: A new gamma Cas analog unrelated to the background supernova remnant G309.2-00.6](#)
Author(s): Safi-Harb, S; Ribo, M; Butt, Y, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 659 Issue: 1 Pages: 407-418 Part: 1 Published: APR 10 2007
- [ESA: XMM-Newton \(archivo\)](#)
 - [ESO: La Silla](#)
78. [\[O III\] lambda 5007 emission from the black hole X-ray binary in an NGC 4472 globular cluster](#)
Zepf, SE; Maccarone, TJ; Bergond, G, et al.
ASTROPHYSICAL JOURNAL Volume: 669 Pages: L69-L72 Published: 2007
- [ESA: XMM-Newton](#)
 - [Paranal: VLT](#)
79. [GRB 050713A: High-energy observations of the gamma-ray burst prompt and afterglow emission](#)
Author(s): Morris, DC; Reeves, J; Pal'shin, V, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 654 Issue: 1 Pages: 413-428 Part: 1 Published: JAN 1 2007
- [ESA: XMM-Newton](#)
80. [Towards self-consistent models of isolated neutron stars - The case of the X-ray pulsar RX J0720-3125](#)
Author(s): Pons, JA; Perez-Azorin, JF; Miralles, JA, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 308 Issue: 1-4 Pages: 247-257 Published: APR 2007
- [ESA: XMM-Newton](#)

81. [Latest results on Jovian disk X-rays from XMM-Newton](#)
Author(s): Branduardi-Raymont, G; Bhardwaj, A; Elsner, RF, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 55 Issue: 9 Pages:
1126-1134 Published: 2007
- [ESA: XMM-Newton](#)
82. On the Iwasawa-Taniguchi effect of radio-quiet AGN
Bianchi, S.; Guainazzi, M.; Matt, G.; Fonseca Bonilla, N.
DOI: 10.1051/0004-6361:20077331
2007A&A...467L..19B
- [ESA: XMM-Newton](#)
83. The brightest stars of the σ Orionis cluster
Caballero, J. A.
DOI: 10.1051/0004-6361:20066652
2007A&A...466..917C
- [ESA: XMM-Newton](#)
84. A 33 hour period for the Wolf-Rayet/black hole X-ray binary candidate NGC
300 X-1
Carpano, S.; Pollock, A. M. T.; Prestwich, A.; Crowther, P.; Wilms, J.;
Yungelson, L.; Ehle, M.
DOI: 10.1051/0004-6361:20077363
2007A&A...466L..17C
- [ESA: XMM-Newton](#)
85. The XMM large scale structure survey: optical vs. X-ray classifications of active
galactic nuclei and the unified scheme
Garcet, O. et al
DOI: 10.1051/0004-6361:20077778
2007A&A...474..473G
- [ESA: XMM-Newton](#)
86. The variable X-ray light curve of GRB 050713A: the case of refreshed shocks
Guetta, D et al
DOI: 10.1051/0004-6361:20065038
2007A&A...461...95G
- [ESA: XMM-Newton](#)

87. The escape of Lyman photons from a young starburst: the case of Haro11†
Hayes, Matthew et al
DOI: 10.1111/j.1365-2966.2007.12482.x
2007MNRAS.382.1465H
- [ESA: XMM-Newton](#)
88. XMM observation of 1RXS J180431.1-273932: a new M-type X-ray binary with a 494 s-pulse period neutron star?
Nucita, A. A.; Carpano, S.; Guainazzi, M.
DOI: 10.1051/0004-6361:20078005
2007A&A...474L...1N
- [ESA: XMM-Newton](#)
89. Eclipsed X-ray flares in binary stars: geometrical constraints on the flare's location and size
Sanz-Forcada, J.; Favata, F.; Micela, G.
DOI: 10.1051/0004-6361:20065743
2007A&A...466..309S
- [ESA: XMM-Newton](#)
90. **GRB 070311: a direct link between the prompt emission and the afterglow**
C. Guidorzi et al.
Astronomy and Astrophysics 474 3 (2007) 793-805
DOI: 10.1051/0004-6361:20078254
- [ESA: INTEGRAL](#)
91. **A model for cyclotron resonance scattering features**
G. Schönherr, J. Wilms, P. Kretschmar, I. Kreykenbohm, A. Santangelo, R. E. Rothschild, W. Coburn, R. Staubert
Astronomy and Astrophysics 472 2 (2007) 353-365
DOI: 10.1051/0004-6361:20077218
- [ESA: INTEGRAL](#)
92. **Cygnus X-3 transition from the ultrasoft to the hard state**
V. Beckmann et al.
Astronomy and Astrophysics 473 3 (2007) 903-905
DOI: 10.1051/0004-6361:20078160
- [ESA: INTEGRAL](#)

93. **A 0535+26 in the August/September 2005 outburst observed by *RXTE* and *INTEGRAL***

I. Caballero et al.

Astronomy and Astrophysics 465 2 (2007) L21-L24

DOI: 10.1051/0004-6361:20067032

- [ESA:INTEGRAL](#)

94. **2003–2005 *INTEGRAL* and *XMM-Newton* observations of 3C 273**

M. Chernyakova et al.

Astronomy and Astrophysics 465 1 (2007) 147-156

DOI: 10.1051/0004-6361:20066285

- [ESA:INTEGRAL ; XMM-Newton](#)

95. [IGR J17254-3257, a new bursting neutron star](#)

Author(s): Chenevez, J; Falanga, M; Kuulkers, E, et al.

Source: ASTRONOMY & ASTROPHYSICS Volume: 469 Issue: 1 Pages: L27-L30 Published: JUL 2007

- [ESA: XMM-Newton; INTEGRAL](#)

96. [XMM-Newton and INTEGRAL spectroscopy of the microquasar GRO J1655-40 during its 2005 outburst](#)

Author(s): Trigo, MD; Parmar, AN; Miller, J, et al.

Source: ASTRONOMY & ASTROPHYSICS Volume: 462 Issue: 2 Pages: 657-666 Published: FEB 2007

- [ESA: XMM-Newton; INTEGRAL](#)

97. [A description of sources detected by INTEGRAL during the first 4 years of observations](#)

Author(s): Bodaghee, A; Courvoisier, TJJ; Rodriguez, J, et al.

Source: ASTRONOMY & ASTROPHYSICS Volume: 467 Issue: 2 Pages: 585-U140 Published: MAY 2007

- [ESA: INTEGRAL](#)

98. [A search for counterparts to massive X-ray binaries using photometric catalogues](#)

Author(s): Negueruela, I; Schurch, MPE

Source: ASTRONOMY & ASTROPHYSICS Volume: 461 Issue: 2 Pages: 631-639 Published: JAN 2007

- [ESA: INTEGRAL](#)

99. [INTEGRAL and Swift observations of EXO 2030+375 during a giant outburst](#)
Author(s): Klochkov, D; Horns, D; Santangelo, A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 464 Issue: 3 Pages:
L45-L48 Published: MAR 2007
- [ESA: INTEGRAL](#)
100. [IGR j17497-2821: a new X-ray nova](#)
Author(s): Walter, R; Lubinski, P; Paltani, S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 461 Issue: 2 Pages:
L17-L20 Published: JAN 2007
- [ESA: INTEGRAL](#)
101. [The webt campaign on the blazar 3C 279 in 2006](#)
Author(s): Bottcher, M; Basu, S; Joshi, M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 670 Pages: 968-977
Published: 2007
- [ESA:INTEGRAL](#)
102. [INTEGRAL observations of the Small Magellanic Cloud](#)
Author(s): McBride, VA; Coe, MJ; Bird, AJ, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
SOCIETY Volume: 382 Pages: 743-749 Published: 2007
- [ESA:INTEGRAL](#)
103. [Long-term pulse profile study of the Be/X-ray pulsar SAX J2103.5+4545](#)
Author(s): Arranz, AC; Wilson, CA; Finger, MH, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 473 Pages: 551-559
Published: 2007
- [ESA:INTEGRAL](#)
104. [The high-energy emission of gro j1655-40 as revealed with Integral spectroscopy of the 2005 outburst](#)
Author(s): Garcia, MDC; Miller, JM; Kuulkers, E, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 669 Issue: 1 Pages: 534-
545 Published: 2007
- [ESA:INTEGRAL](#)
105. [Search for electron-positron annihilation radiation from the jet in 3C 120](#)
Author(s): Marscher, AP; Jorstad, SG; Gomez, JL, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 665 Pages: 232-236
Published: 2007
- [ESA:INTEGRAL](#)
 - [IRAM: 30m; Interferómetro](#)

106. [A model for cyclotron resonance scattering features](#)
Author(s): Schonherr, G; Wilms, J; Kretschmar, P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 472 Pages: 353-365
Published: 2007
- [ESA:INTEGRAL](#)
107. [INTEGRAL high-energy monitoring of the X-ray burster KS 1741-293](#)
Author(s): De Cesare, G; Bazzano, A; Martinez Nunez, S, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 380 Pages: 615-620 Published: 2007
- [ESA:INTEGRAL](#)
108. [INTEGRAL observations of the cosmic X-ray background in the 5-100 keV range via occultation by the Earth](#)
Author(s): Churazov, E; Sunyaev, R; Revnivtsev, M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 467 Issue: 2 Pages: 529-540 Published: MAY 2007
- [ESA:INTEGRAL](#)
109. [The INTEGRAL Galactic bulge monitoring program: the first 1.5 years](#)
Author(s): Kuulkers, E; Shaw, SE; Paizis, A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 466 Issue: 2 Pages: 595-U23 Published: 2007
- [ESA:INTEGRAL](#)
110. [Galaxy colours in the AKARI deep SEP survey](#)
Advances in Space Research, Volume 40, Issue 5, 2007, Pages 605-611
Chris P. Pearson et al.
- [ESA: AKARI](#)
111. [Detection of CFIRB with AKARI/FIS deep observations](#)
Author(s): Jeong, WS; Pearson, CP; Lee, HM, et al.
Source: ADVANCES IN SPACE RESEARCH Volume: 40 Issue: 5 Pages: 600-604 Published: 2007
- [ESA: AKARI; ISO](#)
112. [Infrared Camera \(IRC\) deep survey in the performance-verification phase](#)
Author(s): Wada, T; Oyabu, S; Ita, Y, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
Volume: 59 Pages: S515-S528 Published: 2007
- [ESA: AKARI](#)

113. [Optical identification of 15 \$\mu\$ m sources in the AKARI performance verification field toward the North Ecliptic Pole](#)
Author(s): Matsuhara, H; Wada, T; Pearson, CP, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
Volume: 59 Pages: S543-S555 Published: 2007
- [ESA: AKARI](#)
114. [The infrared astronomical mission AKARI](#)
Author(s): Murakami, H; Baba, H; Barthel, P, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
Volume: 59 Pages: S369-S376 Published: 2007
- [ESA: AKARI](#)
115. [The Far-Infrared Surveyor \(FIS\) for AKARI](#)
Author(s): Kawada, M; Baba, H; Barthel, PD, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
Volume: 59 Pages: S389-S400 Published: 2007
- [ESA: AKARI](#)
116. [The Infrared Camera \(IRC\) for AKARI - Design and imaging performance](#)
Author(s): Onaka, T; Matsuhara, H; Wada, T, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
Volume: 59 Pages: S401-S410 Published: 2007
- [ESA: AKARI](#)
117. [Near-infrared and mid-infrared spectroscopy with the Infrared Camera \(IRC\) for AKARI](#)
Author(s): Ohyama, Y; Onaka, T; Matsuhara, H, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
Volume: 59 Pages: S411-S422 Published: 2007
- [ESA: AKARI](#)
118. [The far-infrared properties of spatially resolved AKARI observations](#)
Author(s): Jeong, WS; Nakagawa, T; Yamamura, I, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
Volume: 59 Pages: S429-S435 Published: 2007
- [ESA: AKARI](#)

119. [Multi-wavelength analysis of 18 \$\mu\$ m-selected galaxies in the AKARI/Infrared-Camera monitor field towards the North Ecliptic Pole](#)
 Author(s): Takagi, T; Matsuhara, H; Wada, T, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
 Volume: 59 Pages: S557-S569 Published: 2007
- **ESA: AKARI**
120. Determination of the light curve of the Rosetta target asteroid (2867) Steins by the OSIRIS cameras onboard Rosetta
[M. Küppers et al.](#)
 Astronomy and Astrophysics 462 1 (2007) L13-L16
- **ESA: Rosetta (OSIRIS)**
121. [Observations of Comet 9P/Tempel 1 around the Deep Impact event by the OSIRIS cameras onboard Rosetta](#)
Icarus, Volume 187, Issue 1, March 2007, Pages 87-103
 Horst Uwe Keller *et al.*
- **ESA: Rosetta (OSIRIS)**
122. [Properties of the dust cloud caused by the Deep Impact experiment](#)
Icarus, Volume 187, Issue 1, March 2007, Pages 208-219
 L. Jorda, P. Lamy, G. Faury, H.U. Keller, S. Hviid, M. Küppers, D. Koschny, J. Lecacheux, P. Gutiérrez, L.M. Lara
- **ESA: Rosetta (OSIRIS)**
123. [Observations of Comet 9P/Tempel 1 around the Deep Impact event by the OSIRIS cameras onboard Rosetta](#)
Icarus, Volume 191, Issue 2, Supplement 1, 2007, Pages 241-257
 Horst Uwe Keller *et al.*
- **ESA: Rosetta (OSIRIS)**
124. [Properties of the dust cloud caused by the Deep Impact experiment](#)
Icarus, Volume 191, Issue 2, Supplement 1, 2007, Pages 412-423
 L. Jorda, P. Lamy, G. Faury, H.U. Keller, S. Hviid, M. Küppers, D. Koschny, J. Lecacheux, P. Gutiérrez, L.M. Lara
- **ESA: Rosetta (OSIRIS)**
125. [GIADA: The Grain Impact Analyser and Dust Accumulator for the Rosetta space mission](#)
Advances in Space Research, Volume 39, Issue 3, 2007, Pages 446-450
 L. Colangeli, et al.
- **ESA: Rosetta**

126. [COSAC, the cometary sampling and composition experiment on Philae](#)
 Goesmann F, Rosenbauer H, Roll R, et al.
 SPACE SCIENCE REVIEWS Volume: 128 Issue: 1-4 Pages: 257-280
 Published: 2007
- [ESA: Rosetta \(COSAC\)](#)
127. [OSIRIS - The scientific camera system onboard rosetta](#)
 Keller HU, Barbieri C, Lamy P, et al.
 SPACE SCIENCE REVIEWS Volume: 128 Issue: 1-4 Pages: 433-506
 Published: 2007
- [ESA: Rosetta \(OSIRIS\)](#)
128. [Grain impact analyser and dust accumulator \(Giada\) experiment for the Rosetta mission: Design, performances and first results](#)
 Colangeli L, Lopez-Moreno JJ, Palumbo P, et al.
 SPACE SCIENCE REVIEWS Volume: 128 Issue: 1-4 Pages: 803-821
 Published: 2007
- [ESA Rosetta \(GIADA\)](#)
129. Search for photospheric footpoints of quiet Sun transition region loops
 J. Sánchez Almeida, L. Teriaca, P. Sütterlin, D. Spadaro, U. Schühle, R. J. Rutten
 Astronomy and Astrophysics 475 3 (2007) 1101-1109
 DOI: 10.1051/0004-6361:20078124
- [ESA: SoHO/SUMER](#)
 - [ORM: DOT](#)
130. Stellar p-modes oscillation measurements in solar-like star signals: α Centauri A as an example
 C. Régulo, T. Roca Cortés
 Astronomy and Astrophysics 469 1 (2007) 233-237
 DOI: 10.1051/0004-6361:20065985
- [ESA: SoHO/GOLF](#)
131. Properties of sunspots in cycle 23 - I. Dependence of brightness on sunspot size and cycle phase
 N. A. Krivova, S. K. Mathew, S. K. Solanki, V. Martínez Pillet
 Astronomy and Astrophysics 465 1 (2007) 291-304
 DOI: 10.1051/0004-6361:20066356
- [ESA: SoHO/MDI](#)

132. [Tracking solar gravity modes: The dynamics of the solar core](#)
Author(s): Garcia, RA; Turck-Chieze, S; Jimenez-Reyes, SJ, et al.
2007 *Science* 15 June 2007: Vol. 316. no. 5831, pp. 1591 - 1593
DOI: 10.1126/science.1140598
- **ESA: SOHO**
133. Coronal Mass Ejection (CME) Activity of Low Mass M Stars as An Important Factor for The Habitability of Terrestrial Exoplanets. I. CME Impact on Expected Magnetospheres of Earth-Like Exoplanets in Close-In Habitable Zones
Maxim L. Khodachenko, et al.
Astrobiology. February 2007: 167-184.
- **ESA: SOHO**
134. [Properties of sunspots in cycle 23 I. Dependence of brightness on sunspot size and cycle phase](#)
Author(s): Mathew, SK; Pillet, VM; Solanki, SK, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 465 Issue: 1 Pages: 291-304 Published: APR 2007
- **ESA: SoHO**
135. [On the variation of the peak asymmetry of low-l solar p modes](#)
Author(s): Jimenez-Reyes, SJ; Chaplin, WJ; Elsworth, Y, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 654 Issue: 2 Pages: 1135-1145 Part: 1 Published: JAN 10 2007
- **ESA: SoHO**
136. The Mid-Infrared Emission of Seyfert Galaxies: A New Analysis of ISOCAM Data
C. Ramos Almeida, A. M. Pérez García, J. A. Acosta-Pulido, and J. M. Rodríguez Espinosa
The Astronomical Journal 134 No 5 (2007 November) 2006-2019
- **ESA: ISO**
137. [Detection of CFIRB with AKARI/FIS deep observations](#)
Author(s): Jeong, WS; Pearson, CP; Lee, HM, et al.
Source: ADVANCES IN SPACE RESEARCH Volume: 40 Issue: 5 Pages: 600-604 Published: 2007
- **ESA: ISO; AKARI**

138. [The ISO LWS high-resolution spectral survey towards Sagittarius B2](#)
Author(s): Polehampton, ET; Baluteau, JP; Swinyard, BM, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 377 Issue: 3 Pages: 1122-1150 Published: MAY 21 2007
- **ESA: ISO**
139. The outburst of the eruptive young star OO Serpentis between 1995 and 2006
Á. Kóspál, P. Ábrahám, T. Prusti, J. Acosta-Pulido, S. Hony, A. Moór, R. Siebenmorgen,
Astronomy and Astrophysics 470 1 (2007) 211-219
DOI: 10.1051/0004-6361:20066108
- **ESA: ISO**
 - **ORM: WHT**
 - **ESO-La Silla: 3.6m telescope/ TIMMI2**
140. [Far-infrared detection of H2D+ toward Sgr B2](#)
Cernicharo, J; Polehampton, E; Goicoechea, JR
ASTROPHYSICAL JOURNAL Volume: 657 Issue: 1 Pages: L21-L24 Part: 2 Published: MAR 1 2007
- **ESA: ISO**
141. [Electron conductivity and density profiles derived from the mutual impedance probe measurements performed during the descent of Huygens through the atmosphere of Titan](#)
Author(s): Hamelin, M; Beghin, C; Grard, R, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 55 Pages: 1964-1977 Published: 2007
- **ESA: Huygens**
142. [A new numerical model for the simulation of ELF wave propagation and the computation of eigenmodes in the atmosphere of Titan: Did Huygens observe any Schumann resonance?](#)
Author(s): Simoes, F; Grard, R; Hamelin, M, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 55 Pages: 1978-1989 Published: 2007
- **ESA: Cassini-Huygens**
143. [The three-dimensional structure of Saturn's equatorial jet at cloud level](#)
Author(s): Sanchez-Lavega, A; Hueso, R; Perez-Hoyos, S
Source: Icarus Volume: 187 Issue: 2 Pages: 510-519 Published: 2007
- **ESA: Cassini-ISS**

144. [Non-LTE infrared observations at Venus: From NIMS/Galileo to VIRTIS/Venus express](#)
Author(s): Lopez-Valverde, MA; Drossart, P; Carlson, R, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 55 Pages: 1757-1771 Published: 2007
- [ESA: Mars Express; Venus Express](#)
145. [Influence of aerosol multiple scattering of ultraviolet radiation on martian atmospheric sensing](#)
Author(s): Zorzano, MP; Cordoba-Jabonero, C
Source: ICARUS Volume: 190 Issue: 2 Pages: 492-503 Published: 2007
- [ESA: Mars Express](#)

[A dynamic upper atmosphere of Venus as revealed by VIRTIS on Venus Express](#)

Author(s): Drossart, P; Piccioni, G; Gerard, JC, et al.
Source: NATURE Volume: 450 Pages: 641-645 Published: 2007

- [ESA: Venus Express](#)

[Scientific goals for the observation of Venus by VIRTIS on ESA/Venus express mission](#)

Author(s): Drossart, P; Piccioni, G; Adriani, A, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 55 Pages: 1653-1672
Published: 2007

- [ESA: Venus Express](#)

[Quiet-sun internetwork magnetic fields from the inversion of Hinode measurements](#)

Orozco Suarez, D; Bellot Rubio, LR; Del Toro Iniesta, JC, et al.
ASTROPHYSICAL JOURNAL Volume: 670 Pages: L61-L64 Published: 2007

- [ESA: Hinode \(SOT\)](#)

[Vector spectropolarimetry of dark-cored penumbral filaments with Hinode](#)

Rubio, LRB; Tsuneta, S; Ichimoto, K, et al.
ASTROPHYSICAL JOURNAL Volume: 668 Pages: L91-L94 Published: 2007

- [ESA: Hinode](#)

HS 1857+5144: a hot and young pre-cataclysmic variable

A. Aungwerojwit, B. T. Gänsicke, P. Rodríguez-Gil, H.-J. Hagen, O. Giannakis, C. Papadimitriou, C. Allende Prieto, D. Engels
Astronomy and Astrophysics 469 1 (2007) 297-305
DOI: 10.1051/0004-6361:20077276

- OT: Optical Groud Station telescope (ESA); IAC80
- ORM: WHT
- CAHA

Thermal diagnostic of the optical window on board *LISA Pathfinder*

M Nofrarias, A F García Marín, A Lobo, G Heinzel, J Ramos-Castro, J Sanjuán and K Danzmann
Class. Quantum Grav. 24 No 20 (21 October 2007) 5103-5121

- ESA: *LISA Pathfinder* (LPF)

[Comparison of nighttime nitric oxide 5.3 \$\mu\$ m emissions in the thermosphere measured by MIPAS and SABER](#)

Gardner JL, Funke B, Mlynczak MG, et al.
JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS Volume: 112 Issue: A10 Article Number: A10301 Published: OCT 5 2007

- ESA: MIPAS; SABER

[The Herschel–SPIRE instrument and its capabilities for extragalactic astronomy](#)

Matthew Griffin, Alain Abergel, Peter Ade, Philippe André, Jean-Paul Baluteau, James Bock, *et al.*
Advances in Space Research, Volume 40, Issue 5, 2007, Pages 612-619

- ESA: SPIRE –Herschel Space Observatory

Stellar population gradients in bulges along the Hubble sequence - I. The data

J. Gorgas, P. Jablonka, P. Goudfrooij
Astronomy and Astrophysics 474 3 (2007) 1081-1092
DOI: 10.1051/0004-6361:20066690

- ORM: INT

Stellar population gradients in bulges along the Hubble sequence - II. Relations with galaxy properties

P. Jablonka, J. Gorgas, P. Goudfrooij
Astronomy and Astrophysics 474 3 (2007) 763-776
DOI: 10.1051/0004-6361:20066691

- ORM: INT
- La Silla: NTT y 3.6-m ESO telescope

Eclipse of the B3V companion and flaring of emission lines in V838 Monocerotis

U. Munari et al.

Astronomy and Astrophysics 474 2 (2007) 585-590

DOI: 10.1051/0004-6361:20077837

- ORM: INT; WHT; NOT

A comprehensive study of Cepheid variables in the Andromeda galaxy - Period distribution, blending, and distance determination

F. Vilardell, C. Jordi, I. Ribas

Astronomy and Astrophysics 473 3 (2007) 847-855

DOI: 10.1051/0004-6361:20077960

- ORM: INT

Pre-main-sequence stars in the young open cluster NGC 1893 - II. Evidence for triggered massive star formation

I. Negueruela, A. Marco, G. L. Israel, G. Bernabeu

Astronomy and Astrophysics 471 2 (2007) 485-497

DOI: 10.1051/0004-6361:20066654

- ORM: INT; NOT

uvby – H CCD photometry and membership segregation of the open cluster NGC 2682 (M 67)

L. Balaguer-Núñez, D. Galadí-Enríquez, C. Jordi

Astronomy and Astrophysics 470 2 (2007) 585-596

DOI: 10.1051/0004-6361:20067003

- ORM: INT and JKT telescopes
- CAHA: 1.23 m telescope

The substellar mass function in σ Orionis - II. Optical, near-infrared and IRAC/Spitzer photometry of young cluster brown dwarfs and planetary-mass objects

J. A. Caballero et al.

Astronomy and Astrophysics 470 3 (2007) 903-918

DOI: 10.1051/0004-6361:20066993

- ORM: INT
- CAHA:
- OT: TCS
- ESO: Paranal

The dynamical status of the galaxy cluster Abell 115

R. Barrena, W. Boschin, M. Girardi, M. Spolaor

Astronomy and Astrophysics 469 3 (2007) 861-872

DOI: 10.1051/0004-6361:20077407

- ORM: INT, TNG

Fourier method of determining the rotational velocities in OB stars

S. Simón-Díaz, A. Herrero

Astronomy and Astrophysics 468 3 (2007) 1063-1073

DOI: 10.1051/0004-6361:20066060

- ORM: INT; WHT

Internal dynamics of the radio halo cluster Abell 773: a multiwavelength analysis

R. Barrena, W. Boschin, M. Girardi, M. Spolaor

Astronomy and Astrophysics 467 1 (2007) 37-48

DOI: 10.1051/0004-6361:20066511

- ORM: INT; TNG

Keck spectroscopy of $z = 1-3$ ULIRGs from the Spitzer SWIRE survey

S. Berta et al.

Astronomy and Astrophysics 467 2 (2007) 565-584

DOI: 10.1051/0004-6361:20066795

- ORM: INT

The Be/X-ray transient 4U 0115+63/V635 Cassiopeiae - III. Quasi-cyclic variability

P. Reig, V. Larionov, I. Negueruela, A. A. Arkharov, N. A. Kudryavtseva

Astronomy and Astrophysics 462 3 (2007) 1081-1089

DOI: 10.1051/0004-6361:20066217

- ORM: INT; WHT; NOT
- CAHA: 3.5m

SN 2003du: 480 days in the life of a normal type Ia supernova

V. Stanishev et al.

Astronomy and Astrophysics 469 2 (2007) 645-661

DOI: 10.1051/0004-6361:20066020

- ORM: INT; WHT; NOT; TNG
- CAHA: 2.2m and 3.5m telescopes

Newly discovered cataclysmic variables from the INT/WFC photometric H α survey of the northern Galactic plane

A. R. Witham et al.

Monthly Notices of the Royal Astronomical Society

Volume 382, Issue 3, Date: December 2007, Pages: 1158-1168

- ORM: INT; WHT; NOT
- CAHA: 2.2m

Efficient identification of exoplanetary transit candidates from SuperWASP light curves

A. Collier Cameron et al.

Monthly Notices of the Royal Astronomical Society

Volume 380, Issue 3, Date: September 2007, Pages: 1230-1244

- [ORM: INT](#)

Towards an understanding of the Of?p star HD 191612: optical spectroscopy

Ian D. Howarth et al.

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 433-446

- [ORM: INT; WHT](#)

The Monitor project: JW 380 – a 0.26-, 0.15-M \square , pre-main-sequence eclipsing binary in the Orion nebula cluster

Jonathan Irwin et al.

Monthly Notices of the Royal Astronomical Society

Volume 380, Issue 2, Date: September 2007, Pages: 541-550

- [ORM: INT](#)
- [ESO: ESO programme 078.C-0841.](#)

The enigma of the oldest 'nova': the central star and nebula of CK Vul

M. Hajduk et al.

Monthly Notices of the Royal Astronomical Society

Volume 378, Issue 4, Date: July 2007, Pages: 1298-1308

- [ORM: INT](#)

The Infrared Ca II Triplet as Metallicity Indicator

R. Carrera, C. Gallart, E. Pancino, and R. Zinn

The Astronomical Journal **134** No 3 (2007 September) 1298-1314

- [ORM: INT; WHT](#)
- [CAHA: 2.2m telescope](#)
- [ESO: Paranal-VLT \(ESO program 074.B-0446\(B\)\).](#)

Stellar Content and Recent Star Formation History of the Local Group Dwarf Irregular Galaxy IC 1613

Edouard J. Bernard, Antonio Aparicio, Carme Gallart, Carmen P. Padilla-Torres, and Maurizio Panniello

The Astronomical Journal **134** No 3 (2007 September) 1124-1132

- [ORM: INT](#)

Recent Star Formation in Clusters of Galaxies: Extremely Compact Starbursts in A539 and A634

D. Reverte, J. M. Vilchez, J. D. Hernández-Fernández, and J. Iglesias-Páramo
The Astronomical Journal **133** No 2 (2007 February) 705-714

- ORM: INT; NOT

The Cosmic Horseshoe: Discovery of an Einstein Ring around a Giant Luminous Red Galaxy

V. Belokurov et al.

The Astrophysical Journal Letters. Volume 671, Issue 1, Page L9–L12, Dec 2007

- ORM: INT

Optical flares from the faint mid-dM star 2MASS J00453912+4140395

Zs. Kővári, F. Vilardell, I. Ribas, K. Vida, L. van Driel-Gesztelyi, C. Jordi, K. Oláh
Astronomische Nachrichten, Volume 328, Issue 9, Date: November 2007,
Pages: 904-908

- ORM: INT

[UV to IR SEDs of UV-selected galaxies in the ELAIS fields: Evolution of dust attenuation and star formation activity from \$z=0.7\$ to 0.2](#)

Iglesias-Paramo, J; Buat, V; Hernandez-Fernandez, J, et al.

ASTROPHYSICAL JOURNAL Volume: 670 Pages: 279-294 Published: 2007

- ORM: INT

[A Contribution to the Selection of Emission-Line Galaxies Using Narrowband Filters in the Optical Airglow Windows](#)

S. Pascual, 2007

2007PASP..119...30P

- ORM: INT
- CAHA: 2.2m (CAFOS)

[The young, wide and very low mass visual binary Lambda Orionis 167](#)

D. Barrado y Navascués, et al. 2007

2007A&A...468L...5B

- ORM: WHT
- CAHA: 3.5m

The dark nature of GRB 051022 and its host galaxy

A. J. Castro-Tirado et al.

Astronomy and Astrophysics 475 1 (2007) 101-107

- ORM: WHT; TNG
- OT: Carlos Sanchez
- CAHA: 3.5 m Telescope
- IRAM: Interferometer

Search for tidal dwarf galaxy candidates in a sample of ultraluminous infrared galaxies

A. Monreal-Ibero, L. Colina, S. Arribas, M. García-Marín

Astronomy and Astrophysics 472 2 (2007) 421-433

DOI: 10.1051/0004-6361:20066760

- ORM: WHT

The truncation of the stellar disc of NGC 6504

E. Florido, E. Battaner, A. Zurita, A. Guijarro

Astronomy and Astrophysics 472 2 (2007) L39-L42

DOI: 10.1051/0004-6361:20078214

- ORM: WHT
- OT: CST

Eight more ultra luminous X-ray candidates unmasked

C. M. Gutiérrez, M. López-Corredoira

Astronomy and Astrophysics 472 1 (2007) 87-92

DOI: 10.1051/0004-6361:20077513

- ORM: WHT

The metallicity gradient of M 33: chemical abundances of H ii regions

L. Magrini, J. M. Vílchez, A. Mampaso, R. L. M. Corradi, P. Leisy

Astronomy and Astrophysics 470 3 (2007) 865-874

DOI: 10.1051/0004-6361:20077445

- ORM: WHT

The water ice rich surface of (145453) 2005 RR₄₃: a case for a carbon-depleted population of TNOs?

N. Pinilla-Alonso, J. Licandro, R. Gil-Hutton, R. Brunetto

Astronomy and Astrophysics 468 1 (2007) L25-L28

DOI: 10.1051/0004-6361:20077294

- ORM: WHT; TNG

Lithium and zirconium abundances in massive Galactic O-rich AGB stars

D. A. García-Hernández, P. García-Lario, B. Plez, A. Manchado, F. D'Antona, J. Lub, H. Habing

Astronomy and Astrophysics 462 2 (2007) 711-730

DOI: 10.1051/0004-6361:20065785

- ORM: WHT
- ESO: La Silla (3.6m T)

[Spectrophotometric investigations of blue compact dwarf galaxies : Markarian 35](#)

Cairos, LM; Caon, N; Garcia-Lorenzo, BA, et al.

ASTROPHYSICAL JOURNAL Volume: 669 Pages: 251-268 Published: 2007

- ORM:WHT; NOT

[Spitzer: Accretion in low-mass stars and brown dwarfs in the lambda orionis cluster](#)

Navascues, DBY; Stauffer, JR; Morales-Calderon, M, et al.

ASTROPHYSICAL JOURNAL Volume: 664 Issue: 1 Pages: 481-500 Published: 2007

- ORM:WHT
- CAHA:

A deeper search for the progenitor of the Type Ic supernova 2002ap

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 835-850

R. M. Crockett, S. J. Smartt, J. J. Eldridge, S. Mattila, D. R. Young, A. Pastorello, J. R. Maund, C. R. Benn, I. Skillen

- ORM: WHT

A census of young stellar populations in the warm ULIRG PKS 1345+12

Monthly Notices of the Royal Astronomical Society

Volume 375, Issue 4, Date: March 2007, Pages: 1133-1145

J. Rodríguez Zaurín, J. Holt, C. N. Tadhunter, R. M. González Delgado

- ORM: WHT
- ESA: Hubble

The properties of the young stellar populations in powerful radio galaxies at low and intermediate redshifts

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 611-639

J. Holt, et al

- ORM: WHT
- Paranal: VLT, programme ID 71.B-0616(A).

ESC and KAIT observations of the transitional Type Ia SN 2004eo

Monthly Notices of the Royal Astronomical Society
Volume 377, Issue 4, Date: June 2007, Pages: 1531-1552
A. Pastorello et al

- ORM: WHT, NOT, TNG and LT (Liverpool)
- Paranal: VLT, programme 075.D-0346
- La Silla: MPI 2.2-m telescope
- CAHA: 2.2- and 3.5-m telescopes

Spectroscopic search for new SW Sextantis stars in the 3–4 h orbital period range – I

Monthly Notices of the Royal Astronomical Society
Volume 374, Issue 4, Date: February 2007, Pages: 1359-1376
P. Rodríguez-Gil, L. Schmidtobreick, B. T. Gänsicke

- ORM: WHT
- La Silla: NTT

Kinematics of gas and stars in the circumnuclear star-forming ring of NGC 3351

Monthly Notices of the Royal Astronomical Society
Volume 378, Issue 1, Date: June 2007, Pages: 163-178
Guillermo F. Hägele, Ángeles I. Díaz, Mónica V. Cardaci, Elena Terlevich, Roberto Terlevich

- ORM: WHT

Nuclear Spectra of Comet 28P Neujmin 1

Humberto Campins, Javier Licandro, Noemí Pinilla-Alonso, Julie Ziffer, Julia de León, Thais Mothé-Diniz, Juan C. Guerra, and Carl Hergenrother
The Astronomical Journal **134** No 4 (2007 October) 1626-1633

- ORM: WHT; TNG

Imaging the cool stars in the interacting binaries AE Aqr, BV Cen and V426 Oph

C.A. Watson, D. Steeghs, V.S. Dhillon, T. Shahbaz
Astronomische Nachrichten, Volume 328, Issue 8, Date: October 2007,
Pages: 813-816

- ORM: WHT

The Population of Radio Sources in the Field of the Unidentified Gamma-Ray Source TeV J2032+4130

Josep M. Paredes, Josep Martí, C. H. Ishwara Chandra, and Valentí Bosch-Ramon
The Astrophysical Journal Letters. Volume 654, Issue 2, Page L135–L138, Jan 2007

- ORM: WHT
- CAHA

Andromeda X, a New Dwarf Spheroidal Satellite of M31: Photometry

Daniel B. Zucker et al.

The Astrophysical Journal Letters. Volume 659, Issue 1, Page L21–L24, Apr 2007

- ORM: WHT; NOT

[Detection of GRB 060927 at \$z=5.47\$: Implications for the use of gamma-ray bursts as probes of the end of the dark ages](#)

Ruiz-Velasco, AE; Swan, H; Troja, E, et al.

ASTROPHYSICAL JOURNAL Volume: 669 Pages: 1-9 Published: 2007

- ORM: WHT; NOT
- Paranal: VLT

ESC observations of SN 2005cf - II. Optical spectroscopy and the high-velocity features

G. Garavini et al.

Astronomy and Astrophysics 471 2 (2007) 527-535

DOI: 10.1051/0004-6361:20066971

- ORM: NOT; TNG
- La Silla: NTT
- CAHA: 2.2m; 3.5m

A hydrodynamical study of multiple-shell planetary nebulae - II. Measuring the post-shock velocities in the shells

R. L. M. Corradi, M. Steffen, D. Schönberner, R. Jacob

Astronomy and Astrophysics 474 2 (2007) 529-539

DOI: 10.1051/0004-6361:20077293

- ORM: NOT
- ESO: 3.5m NTT; CAT telescopes

The early spectral evolution of SN 2004dt

G. Altavilla et al.

Astronomy and Astrophysics 475 2 (2007) 585-595

DOI: 10.1051/0004-6361:20077487

- ORM: NOT; TNG
- CAHA: 2.2m telescope

Multiwavelength optical observations of chromospherically active binary systems - V. FF UMa (2RE J0933+624): a system with orbital period variation

M. C. Gálvez, D. Montes, M. J. Fernández-Figueroa, E. De Castro, M. Cornide
Astronomy and Astrophysics 472 2 (2007) 587-598
DOI: 10.1051/0004-6361:20067015

- ORM: NOT
- CAHA: 2.2m telescope

The nature of the X-ray flash of August 24 2005 - Photometric evidence for an on-axis $z=0.83$ burst with continuous energy injection and an associated supernova?

J. Sollerman et al.

Astronomy and Astrophysics 466 3 (2007) 839-846

DOI: 10.1051/0004-6361:20066683

- ORM: NOT
- ESO: Paranal; La Silla (NTT)

Multiperiodicity in the newly discovered mid-late Be star V2104 Cygni

K. Uytterhoeven, E. Poretti, E. Rodríguez, P. De Cat, P. Mathias, J. H. Telting, V. Costa, A. Miglio

Astronomy and Astrophysics 470 3 (2007) 1051-1057

DOI: 10.1051/0004-6361:20077657

- ORM: NOT

The stellar host in blue compact dwarf galaxies - The need for a two-dimensional fit

R. O. Amorín, C. Muñoz-Tuñón, J. A. L. Aguerri, L. M. Cairós, N. Caon

Astronomy and Astrophysics 467 2 (2007) 541-558

DOI: 10.1051/0004-6361:20066152

- ORM: NOT
- CAHA

The radio delay of the exceptional 3C 454.3 outburst - Follow-up WEBT observations in 2005–2006

M. Villata et al.

Astronomy and Astrophysics 464 2 (2007) L5-L9

DOI: 10.1051/0004-6361:20066958

- ORM: NOT

PG 1657+416: a new fast pulsating sdB star - Photometric observations and theoretical model comparison

R. Oreiro, F. Pérez Hernández, R. Østensen, J. E. Solheim, J. MacDonald, A. Ulla

Astronomy and Astrophysics 461 2 (2007) 585-591
DOI: 10.1051/0004-6361:20065119

- ORM: NOT
- OT: IAC80

A search for counterparts to massive X-ray binaries using photometric catalogues

I. Negueruela, M. P. E. Schurch
Astronomy and Astrophysics 461 2 (2007) 631-639
DOI: 10.1051/0004-6361:20066054

- ORM: NOT
- ESO: UVES Paranal Observatory Project (ESO 266.D-5655).

The variable X-ray light curve of GRB 050713A: the case of refreshed shocks

D. Guetta et al.
Astronomy and Astrophysics 461 1 (2007) 95-101
DOI: 10.1051/0004-6361:20065038

- ORM: NOT; TNG; LT

SW Sextantis stars: the dominant population of cataclysmic variables with orbital periods between 3 and 4 h

Monthly Notices of the Royal Astronomical Society
Volume 377, Issue 4, Date: June 2007, Pages: 1747-1762
P. Rodríguez-Gil, et al

- ORM: NOT; INT
- OT: IAC80
- CAHA: 3.5m and 2.2m telescopes

ESC observations of SN 2005cf – I. Photometric evolution of a normal Type Ia supernova

Monthly Notices of the Royal Astronomical Society
Volume 376, Issue 3, Date: April 2007, Pages: 1301-1316
A. Pastorello et al

- ORM: NOT, TNG and Mercator
- La Silla: 2.2-m telescope
- CAHA: 2.2- and 3.5-m telescopes

Three-dimensional Spectroscopy of Blue Compact Galaxies: Diagnostic Diagrams

Ismael Martínez-Delgado, Guillermo Tenorio-Tagle, Casiana Muñoz-Tuñón, Alexei V. Moiseev, and Luz M. Cairós
The Astronomical Journal **133** No 6 (2007 June) 2892-2897

- ORM: NOT
- CAHA: 2.2m telescope

Proper Motions of the Jets in the Region of HH 30 and HL/XZ Tau: Evidence for a Binary Exciting Source of the HH 30 Jet

Guillem Anglada, Rosario López, Robert Estalella, Josefa Masegosa, Angels Riera, and Alejandro C. Raga

The Astronomical Journal **133** No 6 (2007 June) 2799-2814

- ORM: NOT

Optical, Infrared, and Ultraviolet Observations of the X-Ray Flash XRF 050416A

S. T. Holland et al.

The Astronomical Journal **133** No 1 (2007 January) 122-129

- ORM: NOT

Asteroseismology of the PG 1159 star PG 0122+200

J.N. Fu, 2007

DOI: 10.1051/0004-6361:20066295

2007A&A...467..237F

- ORM: NOT

The first extensive search for sdO pulsators

Rodríguez-López, 2007

DOI: 10.1111/j.1365-2966.2007.11989.x

2007MNRAS.379.1123R

- ORM: NOT
- CAHA: 2.2 m
- OT: IAC-80

The nature of comet-asteroid transition object (3200) Phaethon

J. Licandro, H. Campins, T. Mothé-Diniz, N. Pinilla-Alonso, J. de León

Astronomy and Astrophysics 461 2 (2007) 751-757

DOI: 10.1051/0004-6361:20065833

- ORM: TNG

Extensive multiband study of the X-ray rich GRB 050408 - A likely off-axis event with an intense e

de Ugarte , 2007

DOI: 10.1051/0004-6361:20066660

Bibliographic Code: 2007A&A...462L..57D

- ORM: TNG
- CAHA: 3.5m
- IRAM: PdBI

Detection of Very High Energy Radiation from the BL Lacertae Object PG 1553+113 with the MAGIC Telescope

J. Albert et al.

The Astrophysical Journal Letters. Volume 654, Issue 2, Page L119–L122, Jan 2007

- ORM: MAGIC; KVA

Very High Energy Gamma-Ray Radiation from the Stellar Mass Black Hole Binary Cygnus X-1

J. Albert et al

The Astrophysical Journal Letters. Volume 665, Issue 1, Page L51–L54, Aug 2007

- ORM: MAGIC

Discovery of Very High Energy Gamma Radiation from IC 443 with the MAGIC Telescope

J. Albert, et al.

The Astrophysical Journal Letters. Volume 664, Issue 2, Page L87–L90, Aug 2007

- ORM: MAGIC

Discovery of Very High Energy γ -Ray Emission from the Low-Frequency-peaked BL Lacertae Object BL Lacertae

J. Albert et al.

The Astrophysical Journal Letters. Volume 666, Issue 1, Page L17–L20, Sep 2007

- ORM: MAGIC; KVA

Discovery of Very High Energy γ -Rays from 1ES 1011+496 at $z = 0.212$

J. Albert et al.

The Astrophysical Journal Letters. Volume 667, Issue 1, Page L21–L24, Sep 2007

- ORM: MAGIC

LS I +61 303 as a potential neutrino source on the light of magic results

Torres, D.F. / Halzen, F. ,

Astroparticle Physics, 27 (6), p.500-508, Jul 2007

- ORM: MAGIC

Results from MAGIC's first observation cycle on galactic sources

Javier Rico

Astrophysics and Space Science, Volume 309, Numbers 1-4 / junio de 2007

- [ORM: MAGIC](#)

Cosmology and VHE gamma ray astrophysics: connections and perspectives

Manel Martinez

Astrophysics and Space Science , Volume 309, Numbers 1-4 / junio de 2007

- [ORM: MAGIC](#)

Constraints on the steady and pulsed VHE gamma-ray emission from observation of PSR B1951+32/CTB 80 with the MAGIC Telescope

J. Albert et al., ApJ. 669 (2007) 1143

- [ORM: MAGIC](#)

Variable VHE gamma-ray emission from Markarian 501

J. Albert et al., ApJ 669 (2007) 862

- [ORM: MAGIC](#)

Observations of Mkn 421 with the MAGIC Telescope

J. Albert et al., ApJ 663 (2007) 125

- [ORM: MAGIC](#)

Observation of very high energy gamma rays from the AGN 1ES 2344+514 in a low emission state with the MAGIC telescope

J. Albert et al., ApJ 662 (2007) 892

- [ORM: MAGIC](#)

First bounds on very high energy gamma-ray emission from Arp 220

J. Albert et al., ApJ 658 (2007) 245

- [ORM: MAGIC](#)

FADC Signal reconstruction for the MAGIC telescope

J. Albert et al., Nucl. Instr. Meth. A 594 (2008) 407

- [ORM: MAGIC](#)

Magic upper limits on the very high energy emission from gamma-ray bursts

Albert, J; Aliu, E; Anderhub, H, et al.

ASTROPHYSICAL JOURNAL Volume: 667 Pages: 358-366 Published: 2007

- [ORM: MAGIC](#)

Observation of VHE γ -rays from Cassiopeia A with the MAGIC telescope

J. Albert et al.

Astronomy and Astrophysics 474 3 (2007) 937-940

DOI: 10.1051/0004-6361:20078168

- [ORM: MAGIC](#)

SuperWASP-North extrasolar planet candidates between 3h < RA < 6h

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 851-864

W. I. Clarkson, et al.

- [ORM: Super WASP I](#)

SuperWASP-N extrasolar planet candidates between 18 < RA < 21 h

Monthly Notices of the Royal Astronomical Society

Volume 379, Issue 2, Date: August 2007, Pages: 816-832

R. A. Street et al.

- [ORM: Super WASP-N](#)

SuperWASP-North extrasolar planet candidates: candidates from fields 17 h < RA < 18 h

Monthly Notices of the Royal Astronomical Society

Volume 379, Issue 2, Date: August 2007, Pages: 647-662

T. A. Lister et al.

- [ORM: Super WASP-N](#)

WASP-1b and WASP-2b: two new transiting exoplanets detected with SuperWASP and SOPHIE

Monthly Notices of the Royal Astronomical Society

Volume 375, Issue 3, Date: March 2007, Pages: 951-957

A. Collier Cameron et al.

- [ORM: WASP](#)

Temporal evolution of the Evershed flow in sunspots - I. Observational characterization of Evershed clouds

D. Cabrera Solana, L. R. Bellot Rubio, C. Beck, J. C. del Toro Iniesta

Astronomy and Astrophysics 475 3 (2007) 1067-1079

DOI: 10.1051/0004-6361:20077819

- ORM: DOT
- OT: VTT

Magnetic properties of G-band bright points in a sunspot moat

C. Beck, L. R. Bellot Rubio, R. Schlichenmaier, P. Sütterlin
Astronomy and Astrophysics 472 2 (2007) 607-622

- ORM: DOT
- OT: VTT

Relationships between magnetic foot points and G-band bright structures

R. Ishikawa, S. Tsuneta, Y. Kitakoshi, Y. Katsukawa, J. A. Bonet, S. Vargas Domínguez, L. H. M. Rouppe van der Voort, Y. Sakamoto, T. Ebisuzaki
Astronomy and Astrophysics 472 3 (2007) 911-918
DOI: 10.1051/0004-6361:20066942

- ORM: SST

On the Moat-Penumbra Relation

S. Vargas Domínguez, J. A. Bonet, V. Martínez Pillet, Y. Katsukawa, Y. Kitakoshi, and L. Rouppe van der Voort
The Astrophysical Journal Letters. Volume 660, Issue 2, Page L165–L168, May 2007

- ORM: SST

The evershed effect observed with 0.2 " angular resolution

Almeida, JS; Marquez, I; Bonet, JA, et al.
ASTROPHYSICAL JOURNAL Volume: 658 Issue: 2 Pages: 1357-1371 Part: 1
Published: APR 1 2007

- ORM:SST

Evolution of structure in late-type spiral galaxies - I. Ionized gas kinematics in NGC 628

[K. Fathi](#), [J. E. Beckman](#), [A. Zurita](#), [M. Relaño](#), [J. H. Knapen](#), [O. Daigle](#), [O. Hernandez](#), [C. Carignan](#)
Astronomy and Astrophysics 466 3 (2007) 905-916
DOI: 10.1051/0004-6361:20066990

- ORM: JKT

Star formation in isolated AMIGA galaxies: dynamical influence of bars

S. Verley , 2007
DOI: 10.1051/0004-6361:20077650
Bibliographic Code: 2007A&A...474...43V

- ORM: JKT
- CAHA: 2.2m

Long term photometric monitoring with the Mercator telescope - Frequencies and mode identification of variable O-B stars

P. De Cat et al.

Astronomy and Astrophysics 463 1 (2007) 243-249

DOI: 10.1051/0004-6361:20066202

- ORM: MERCATOR

[A giant outburst two years before the core-collapse of a massive star](#)

Author(s): Pastorello A, Smartt SJ, Mattila S, et al.

Source: NATURE Volume: 447 Issue: 7146 Pages: 829-832 Published: JUN 14 2007

- ORM: NOT; TNG; LT; WHT

NTT and VLT diffraction limited imaging of Trumpler 14: revealing a massive core-halo cluster

J. Ascenso, J. Alves, S. Vicente, M. T. V. T. Lago

Astronomy and Astrophysics 476 1 (2007) 199-215

DOI: 10.1051/0004-6361:20077210

- La Silla: SOFI instrument at the NTT
- Paranal: NACO instrument at the VLT/UT4 Yepun

On the X-ray and optical properties of the Be star HD 110432: a very hard-thermal X-ray emitter

R. Lopes de Oliveira, C. Motch, M. A. Smith, I. Negueruela, J. M. Torrejón

Astronomy and Astrophysics 474 3 (2007) 983-996

DOI: 10.1051/0004-6361:20077295

- La Silla: NTT

Stellar population gradients in bulges along the Hubble sequence - II. Relations with galaxy properties

P. Jablonka, J. Gorgas, P. Goudfrooij

Astronomy and Astrophysics 474 3 (2007) 763-776

DOI: 10.1051/0004-6361:20066691

- La Silla: NTT and 3.6-m ESO telescope

Stellar population gradients in bulges along the Hubble sequence - I. The data

J. Gorgas, P. Jablonka, P. Goudfrooij

Astronomy and Astrophysics 474 3 (2007) 1081-1092

DOI: 10.1051/0004-6361:20066690

- La Silla: NTT and 3.6-m ESO telescope

VCC 2062: an old tidal dwarf galaxy in the Virgo cluster?

P.-A. Duc, J. Braine, U. Lisenfeld, E. Brinks, M. Boquien
Astronomy and Astrophysics 475 1 (2007) 187-197
DOI: 10.1051/0004-6361:20078335

- [La Silla: NTT/EMMI](#)

A study of the neglected Galactic H ii region NGC 2579 and its companion ESO 370-9

M. V. F. Copetti, V. A. Oliveira, R. Riffel, H. O. Castañeda, D. Sanmartim
Astronomy and Astrophysics 472 3 (2007) 847-854
DOI: 10.1051/0004-6361:20077890

- [La Silla: 1.5-m telescope](#)

VSOP: the variable star one-shot project - I. Project presentation and first data release

T. H. Dall et al.
Astronomy and Astrophysics 470 3 (2007) 1201-1214
DOI: 10.1051/0004-6361:20077571

- [La Silla: spectrographs HARPS and FEROS](#)

Substructures in WINGS clusters

M. Ramella et al.
Astronomy and Astrophysics 470 1 (2007) 39-51
DOI: 10.1051/0004-6361:20077245

- [La Silla: WFI@MPG/ESO2.2](#)

Absolute dimensions of eclipsing binaries - XXV. U Ophiuchi and the evolution and composition of $5 M_{\odot}$ stars

L. P. R. Vaz, J. Andersen, A. Claret
Astronomy and Astrophysics 469 1 (2007) 285-296
DOI: 10.1051/0004-6361:20066911

- [La Silla: 1.5m telescope](#)

GaBoDS: The Garching-Bonn deep survey - VII. Cosmic shear analysis

M. Hettterscheidt, P. Simon, M. Schirmer, H. Hildebrandt, T. Schrabback, T. Erben, P. Schneider
Astronomy and Astrophysics 468 3 (2007) 859-876
DOI: 10.1051/0004-6361:20065885

- [La Silla: MPG/ESO 2.2 m telescope](#)

Observational templates of star cluster disruption - The stellar group NGC 1901 in front of the Large Magellanic Cloud

G. Carraro, R. de la Fuente Marcos, S. Villanova, C. Moni Bidin, C. de la Fuente Marcos, H. Baumgardt, G. Solivella
Astronomy and Astrophysics 466 3 (2007) 931-941
DOI: 10.1051/0004-6361:20066687

- [La Silla: NTT/ EMMI](#)

Polychromatic view of intergalactic star formation in NGC 5291

M. Boquien, P.-A. Duc, J. Braine, E. Brinks, U. Lisenfeld, V. Charmandaris
Astronomy and Astrophysics 467 1 (2007) 93-106
DOI: 10.1051/0004-6361:20066692

- [La Silla: NTT](#)

The interaction of young massive stars with their environment - A millimeter and submillimeter line study of NGC 6334 FIR II

J. S. Zhang, C. Henkel, R. Mauersberger, Y.-N. Chin, K. M. Menten, A. R. Tieftrunk, A. Belloche
Astronomy and Astrophysics 465 3 (2007) 887-898
DOI: 10.1051/0004-6361:20065931

- [La Silla: SEST](#)

HST and VLT observations of the symbiotic star Hen 2-147 - Its nebular dynamics, its Mira variable and its distance

M. Santander-García, R. L. M. Corradi, P. A. Whitelock, U. Munari, A. Mampaso, F. Marang, F. Boffi, M. Livio
Astronomy and Astrophysics 465 2 (2007) 481-491
DOI: 10.1051/0004-6361:20065875

- [La Silla: 2.2 m telescope](#)

Near-IR imaging of Galactic massive clusters: Westerlund 2

J. Ascenso, J. Alves, Y. Beletsky, M. T. V. T. Lago
Astronomy and Astrophysics 466 1 (2007) 137-149
DOI: 10.1051/0004-6361:20066433

- [La Silla: NTT/ SOFI](#)

The VLT-FLAMES survey of massive stars: surface chemical compositions of B-type stars in the Magellanic Clouds

I. Hunter, P. L. Dufton, S. J. Smartt, R. S. I. Ryans, C. J. Evans, D. J. Lennon, C. Trundle, I. Hubeny, T. Lanz
Astronomy and Astrophysics 466 1 (2007) 277-300
DOI: 10.1051/0004-6361:20066148

- [La Silla:](#)

- [Paranal: VLT/ FLAMES](#)

Balmer jump temperature determination in a large sample of low-metallicity HII regions

N. G. Guseva, Y. I. Izotov, P. Papaderos, K. J. Fricke
 Astronomy and Astrophysics 464 3 (2007) 885-893
 DOI: 10.1051/0004-6361:20066067

- [La Silla: 3.6 m telescope/ EFOSC2](#)

GaBoDS: the Garching-Bonn Deep Survey - IX. A sample of 158 shear-selected mass concentration candidates

M. Schirmer, T. Erben, M. Hettterscheidt, P. Schneider
 Astronomy and Astrophysics 462 3 (2007) 875-887
 DOI: 10.1051/0004-6361:20065955

- [La Silla: WFI@MPG/ESO 2.2 m telescope](#)

GaBoDS: The Garching-Bonn Deep Survey - VI. Probing galaxy bias using weak gravitational lensing

P. Simon, M. Hettterscheidt, M. Schirmer, T. Erben, P. Schneider, C. Wolf, K. Meisenheimer
 Astronomy and Astrophysics 461 3 (2007) 861-879
 DOI: 10.1051/0004-6361:20065904

- [La Silla: WFI mounted on the 2.2 m telescope of MPG/ESO](#)

Four-colour photometry of eclipsing binaries - XL. *uvby* light curves for the B-type systems DW Carinae, BF Centauri, AC Velorum, and NSV 5783

J. V. Clausen, B. E. Helt, A. Giménez, L. P. R. Vaz, J. M. García, E. H. Olsen, J. Southworth
 Astronomy and Astrophysics 461 3 (2007) 1065-1075
 DOI: 10.1051/0004-6361:20065613

- [La Silla: 1.52m/ FEROS spectrograph](#) ; La Silla (no ESO): Strömgren Automatic Telescope (SAT = Danish 0.5 m)

The rotational broadening of V395 Carinae. Implications on the compact object's mass

T. Shahbaz, C. A. Watson
 Astronomy and Astrophysics 474 3 (2007) 969-973
 DOI: 10.1051/0004-6361:20078251

- [Paranal: VLT](#)

The hottest horizontal-branch stars in ω Centauri. Late hot flasher vs. helium enrichment

S. Moehler, S. Dreizler, T. Lanz, G. Bono, A. V. Sweigart, A. Calamida, M. Monelli, M. Nonino

Astronomy and Astrophysics 475 2 (2007) L5-L8
DOI: 10.1051/0004-6361:20078509

- [Paranal: VLT](#)

Star-gas decoupling and a non-rotating stellar core in He 2-10 - Integral field spectroscopy with FLAMES/ARGUS

T. Marquart, K. Fathi, G. Östlin, N. Bergvall, R. J. Cumming, P. Amram
Astronomy and Astrophysics 474 1 (2007) L9-L12
DOI: 10.1051/0004-6361:20078142

- [Paranal: VLT](#)

Multicolor observations of the afterglow of the short/hard GRB 050724

D. Malesani et al.
Astronomy and Astrophysics 473 1 (2007) 77-84
DOI: 10.1051/0004-6361:20077868

- [Paranal: VLT](#)

Interstellar gas, dust and diffuse bands in the SMC

N. L. J. Cox et al.
Astronomy and Astrophysics 470 3 (2007) 941-955
DOI: 10.1051/0004-6361:20065261

- [Paranal: VLT/UVES](#)

The isotopic ${}^6\text{Li}/{}^7\text{Li}$ ratio in Centaurus X-4 and the origin of Li in X-ray binaries

J. Casares, P. Bonifacio, J. I. González Hernández, P. Molaro, M. Zoccali
Astronomy and Astrophysics 470 3 (2007) 1033-1041
DOI: 10.1051/0004-6361:20066875

- [Paranal: VLT/UVES](#)

On the optical counterpart of NGC 300 X-1 and the global Wolf-Rayet content of NGC 300

P. A. Crowther, S. Carpano, L. J. Hadfield, A. M. T. Pollock
Astronomy and Astrophysics 469 1 (2007) L31-L34
DOI: 10.1051/0004-6361:20077677

- [Paranal: VLT](#)

Testing the predicted mass-loss bi-stability jump at radio wavelengths

P. Benaglia, J. S. Vink, J. Martí, J. Maíz Apellániz, B. Koribalski, P. A. Crowther
Astronomy and Astrophysics 467 3 (2007) 1265-1274
DOI: 10.1051/0004-6361:20077139

- [Paranal: PoP Survey, from the UVES Paranal Observatory Project](#)

HST and VLT observations of the symbiotic star Hen 2–147 - Its nebular dynamics, its Mira variable and its distance

M. Santander-García, R. L. M. Corradi, P. A. Whitelock, U. Munari, A. Mampaso, F. Marang, F. Boffi, M. Livio
Astronomy and Astrophysics 465 2 (2007) 481-491
DOI: 10.1051/0004-6361:20065875

- [Paranal: VLT](#)

GPS radio sources: new optical observations and an updated master list

A. Labiano, P. D. Barthel, C. P. O'Dea, W. H. de Vries, I. Pérez, S. A. Baum
Astronomy and Astrophysics 463 1 (2007) 97-104
DOI: 10.1051/0004-6361:20066183

- [Paranal: Programmes 64.P–0482\(A\) and 68.B–0044\(A\)](#)

A mid-infrared study of very low mass stars and brown dwarfs in Upper Scorpius

[H. Bouy](#), [N. Huélamo](#), [E. L. Martín](#), [D. Barrado y Navascués](#), [M. Sterzik](#), [E. Pantin](#)

Astronomy and Astrophysics 463 2 (2007) 641-646
DOI: 10.1051/0004-6361:20066096

- [Paranal: program ID 075.C-0148.](#)
- [ORM: NOT](#)

Constraints on an Optical Afterglow and on Supernova Light Following the Short Burst GRB 050813

P. Ferrero et al.
The Astronomical Journal 134 No 6 (2007 December) 2118-2123

- [La Silla, and Paranal, \(ESO Program 075.D-0415\)](#)
- [CAHA: 2.2m](#)

A Canis Major Overdensity Imaging Survey. I. Stellar Content and Star-Count Maps: A Distinctly Elongated Body of Main-Sequence Stars

D. J. Butler, D. Martínez-Delgado, H-W. Rix, J. Peñarrubia, and J. T. A. de Jong
The Astronomical Journal 133 No 5 (2007 May) 2274-2290

- [La Silla: WFI on the 2.2 m ESO MPG telescope](#)

The Type Ia Supernova 2004S, a Clone of SN 2001el, and the Optimal Photometric Bands for Extinction Estimation

Kevin Krisciunas, et al.
The Astronomical Journal 133 No 1 (2007 January) 58-72

- [La Silla](#)
- [Paranal: program IDs 074.D-0340 and 074.A-9008.](#)

A very cool brown dwarf in UKIDSS DR1

Monthly Notices of the Royal Astronomical Society
Volume 381, Issue 4, Date: November 2007, Pages: 1400-1412
S. J. Warren, et al

- [Paranal: ISAAC instrument on the ESO VLT, programme 278.C-5014\(A\)](#).

Establishing the nature of companion candidates to X-ray-emitting late B-type stars□

Monthly Notices of the Royal Astronomical Society
Volume 381, Issue 4, Date: November 2007, Pages: 1569-1574
S. Hubrig, O. Marco, B. Stelzer, M. Schöller, N. Huélamo

- [Paranal: programmes 074.D-0374\(A\) and 075.C-0522\(A\)](#)

A signature of the donor star in the extra-galactic X-ray binary LMC X-2

Monthly Notices of the Royal Astronomical Society
Volume 381, Issue 1, Date: October 2007, Pages: 194-200
R. Cornelisse et al

- [Paranal: VLT \[Obs.Id. 074.D-0657\(A\)\]](#).

Optical spectroscopy of the low-mass X-ray binary GX 9+9

Monthly Notices of the Royal Astronomical Society
Volume 380, Issue 3, Date: September 2007, Pages: 1219-1229
R. Cornelisse et al

- [Paranal: VLT \[Obs. Id. 073.D-0819\(A\)\]](#).

Kinematical studies of the low-mass X-ray binary GR Mus (XB 1254-690)

Monthly Notices of the Royal Astronomical Society
Volume 380, Issue 3, Date: September 2007, Pages: 1182-1190
A. D. Barnes et al

- [Paranal](#)

A case of mistaken identity? GRB 060912A and the nature of the long-short GRB divide□

Monthly Notices of the Royal Astronomical Society
Volume 378, Issue 4, Date: July 2007, Pages: 1439-1446
A. J. Levan et al

- [Paranal: programme ID 077.D-0691](#).

VIMOS-VLT spectroscopy of the giant Ly α nebulae associated with three $z \sim 2.5$ radio galaxies □

Monthly Notices of the Royal Astronomical Society
Volume 378, Issue 2, Date: June 2007, Pages: 416-428
M. Villar-Martín et al

- [Paranal: programs 075.B-0212\(A\) and 073.B-0189\(A\)](#)

Ly α excess in high-redshift radio galaxies: a signature of star formation □

Monthly Notices of the Royal Astronomical Society
Volume 375, Issue 4, Date: March 2007, Pages: 1299-1310
M. Villar-Martín et al

- [Paranal: project 69.B-0078\(B\)](#).

A detection of the donor star of Aquila X-1 during its 2004 outburst? □

Monthly Notices of the Royal Astronomical Society
Volume 375, Issue 4, Date: March 2007, Pages: 1463-1470
R. Cornelisse et al

- [Paranal: FORS-2 spectrograph attached to the VLT/UT4 \(Yepun Telescope\) \(Obs Id 073.D-0819\)](#).

The infrared extinction law at extreme depth in a dark cloud core

Carlos G. Román-Zúñiga, Charles J. Lada, August Muench, and Joao F. Alves
The Astrophysical Journal.
Volume 664, Issue 1, Page 357–362, Jul 2007

- [La Silla: NTT \(SOFI\)](#)
- [Paranal: VLT \(ISSAC\)](#)

On the abundance discrepancy problem in HII regions

García-Rojas J, Esteban C
The Astrophysical Journal, Volume: 670 Issue: 1 Pages: 457-470, 2007

- [Paranal: VLT](#)

Modeling the stellar populations in the Canis Major overdensity: The relation between the old and young populations

de Jong, JTA; Butler, DJ; Rix, HW, et al.
ASTROPHYSICAL JOURNAL Volume: 662 Issue: 1 Pages: 259-271 Part: 1
Published: JUN 10 2007

- [ESO: La Silla \(2,2m\)](#)

Simultaneous multiwavelength observations of the low/hard state of the X-ray transient source SWIFT J1753.5-0127

Bel, MC; Ribo, M; Rodriguez, J, et al.

ASTROPHYSICAL JOURNAL Volume: 659 Issue: 1 Pages: 549-560 Part: 1

Published: APR 10 2007

- ESO: La Silla (NTT)
- ESA: Integral

The localized chemical pollution in NGC 5253 revisited: Results from deep echelle spectrophotometry

Lopez-Sanchez, AR; Esteban, C; Garcia-Rojas, J, et al.

ASTROPHYSICAL JOURNAL Volume: 656 Issue: 1 Pages: 168-185 Part: 1

Published: FEB 10 2007

- ESO: Paranal (VLT)

[The Tully-Fisher Relation and its Residuals for a Broadly Selected Sample of Galaxies](#)

J. Pizagno

DOI: 10.1086/519522

Bibliographic Code: 2007AJ....134..945P

- CAHA: 3.5m and 2.4m telescope

[Short-term rotational variability in the large TNO 2005FY](#)

L. Ortiz

DOI: 10.1051/0004-6361:20077355

Bibliographic Code: 2007A&A...468L..13O

- CAHA: 2.2m telescope

[Identification of PN G232.0+05.7 as a new halo planetary nebula and of IRAS 19336-0400 as a new ty](#)

C.B. Pereira

DOI: 10.1051/0004-6361:20077154

Bibliographic Code: 2007A&A...467.1249P

- CAHA: 2.2m telescope

[An integral field spectroscopic survey for high redshift damped Lyman-alpha galaxies](#)

L. Christensen

DOI: 10.1051/0004-6361:20066410

Bibliographic Code: 2007A&A...468..587C

- CAHA: 3.5m telescope

[Chandra X-ray counterpart of KS 1741-293](#)

J. Marti

DOI: 10.1051/0004-6361:20066426

Bibliographic Code: 2007A&A...462.1065M

- CAHA: 1.5m

[Rotational periods of solar-mass young stars in Orion](#)

E. Marilli

DOI: 10.1051/0004-6361:20066458

Bibliographic Code: 2007A&A...463.1081M

- CAHA: 1.5m

[Spectroscopic survey of post-AGB star candidates](#)

C.B. Pereira

DOI: 10.1051/0004-6361:20054529

Bibliographic Code: 2007A&A...462..231P

- CAHA: 2.2m

[PPAK integral field spectroscopy survey of the Orion nebula - Data release](#)

S.F. Sanchez

DOI: 10.1051/0004-6361:20066620

Bibliographic Code: 2007A&A...465..207S

- CAHA: 3.5m

[Behavior of Comet 9P/Tempel 1 around the Deep Impact event](#)

L.M. Lara

DOI: 10.1051/0004-6361:20065534

Bibliographic Code: 2007A&A...465.1061L

- CAHA: 2.2m

[Morphologies and stellar populations of galaxies in the core of Abell 2218](#)

S.F. Sánchez

DOI: 10.1111/j.1365-2966.2007.11335.x

Bibliographic Code: 2007MNRAS.376..125S

- CAHA: 3.5-m telescopes
- ESA: Hubble

[Dark Matter Halos of Disk Galaxies: Constraints from the Tully-Fisher Relation](#)

O.Y. Gnedin

DOI: 10.1086/523256

Bibliographic Code: 2007ApJ...671.1115G

- CAHA: 3.5m

[Deep radio images of the HEGRA and Whipple TeV sources in the Cygnus OB2 region](#)

J. Martí

DOI: 10.1051/0004-6361:20077712

Bibliographic Code: 2007A&A...472..557M

- [CAHA: 3.5 m Telescope](#)

[The Night Sky at the Calar Alto Observatory](#)

S.F. Sánchez

DOI: 10.1086/522378

Bibliographic Code: 2007PASP..119.1186S

- [CAHA: 3.5 m ; 2.2m](#)

[The search for hot spots associated with the Cygnus X-3 relativistic jet](#)

J. Martí, et al

Astrophysics and Space Science, Volume 309, Numbers 1-4 / junio de 2007

- [CAHA: 3.5 m telescope](#)

GRB 070311: a direct link between the prompt emission and the afterglow

C. Guidorzi et al.

Astronomy and Astrophysics 474 3 (2007) 793-805

DOI: 10.1051/0004-6361:20078254

- [CAHA: 2.2m](#)

[2007A&A...476L..17A](#)

Agudo, I.; Bach, U.; Krichbaum, T. P.; Marscher, A. P.; Gonidakis, I.; Diamond, P. J.; Perucho, M.; Alef, W.; Graham, D. A.; Witzel, A.; and 4 coauthors
Superluminal non-ballistic jet swing in the quasar NRAO 150 revealed by mm-VLBI

- [IRAM: 30m](#)

[2007MNRAS.381.1127B](#)

Benedettini, M.; Viti, S.; Codella, C.; Bachiller, R.; Gueth, F.; Beltrán, M. T.; Dutrey, A.; Guilloteau, S.

The clumpy structure of the chemically active L1157 outflow

- [IRAM: 30m](#)

[2007ApJ...669..561C](#)

Camilo, F.; Ransom, S. M.; Peñalver, J.; Karastergiou, A.; van Kerkwijk, M. H.; Durant, M.; Halpern, J. P.; Reynolds, J.; Thum, C.; Helfand, D. J.; and 2 coauthors
The Variable Radio-to-X-Ray Spectrum of the Magnetar XTE J1810-197

- [IRAM: 30m](#)

[2007A&A...475..497T](#)

Tarchi, A.; Brunthaler, A.; Henkel, C.; Menten, K. M.; Braatz, J.; Weiß, A.
The innermost region of the water megamaser radio galaxy 3C 403

- IRAM: 30m

[2007A&A...475..263F](#)

Frieswijk, W. W. F.; Spaans, M.; Shipman, R. F.; Teyssier, D.; Hily-Blant, P.
Physical characteristics of a dark cloud in an early stage of star formation toward NGC 7538. An outer Galaxy infrared dark cloud?

- IRAM: 30m

[2007A&A...475..187D](#)

Duc, P.-A.; Braine, J.; Lisenfeld, U.; Brinks, E.; Boquien, M.
VCC 2062: an old tidal dwarf galaxy in the Virgo cluster?

- IRAM: 30m

[2007ApJ...668.1042K](#)

Kirk, Helen; Johnstone, Doug; Tafalla, Mario
Dynamics of Dense Cores in the Perseus Molecular Cloud

- IRAM: 30m

[2007ApJ...667..980D](#)

Daniel, F.; Cernicharo, J.; Roueff, E.; Gerin, M.; Dubernet, M. L.
The Excitation of N_2H^+ in Interstellar Molecular Clouds. II. Observations

- IRAM: 30m

[2007ApJ...665L.127M](#)

Marcelino, N.; Cernicharo, J.; Agúndez, M.; Roueff, E.; Gerin, M.; Martín-Pintado, J.; Mauersberger, R.; Thum, C.
Discovery of Interstellar Propylene (CH_2CHCH_3): Missing Links in Interstellar Gas-Phase Chemistry

- IRAM: 30m

[2007ApJ...665..457A](#)

Aguti, E. D.; Lada, C. J.; Bergin, E. A.; Alves, J. F.; Birkinshaw, M.
The Dynamical State of the Starless Dense Core FeSt 1-457: A Pulsating Globule?

- IRAM: 30m

[2007A&A...471..551Q](#)

Quintana-Lacaci, G.; Bujarrabal, V.; Castro-Carrizo, A.; Alcolea, J.
The chemical composition of the circumstellar envelopes around yellow hypergiant stars

- IRAM: 30m

[2007A&A...471..113B](#)

Boone, F.; Baker, A. J.; Schinnerer, E.; Combes, F.; García-Burillo, S.; Neri, R.; Hunt, L. K.; Léon, S.; Krips, M.; Tacconi, L. J.; Eckart, A.

Molecular gas in NUClei of GALaxies (NUGA). VII. NGC4569, a large scale bar funnelling gas into the nuclear region

- IRAM: 30m

[2007ApJ...662L..91A](#)

Agúndez, Marcelino; Cernicharo, José; Guélin, Michel

Discovery of Phosphaethyne (HCP) in Space: Phosphorus Chemistry in Circumstellar Envelopes

- IRAM: 30m

[2007A&A...468L..67G](#)

Graciá-Carpio, J.; Planesas, P.; Colina, L.

Sub-arcsecond CO(1-0) and CO(2-1) observations of the ultraluminous infrared galaxy IRAS 10190+1322

- IRAM: 30m

[2007ApJ...661..250P](#)

Pardo, Juan R.; Cernicharo, José; Goicoechea, Javier R.; Guélin, Michel; Asensio Ramos, Andrés

Molecular Line Survey of CRL 618 from 80 to 276 GHz and Complete Model

- IRAM: 30m

[2007A&A...467L..37C](#)

Cernicharo, J.; Guélin, M.; Agúndez, M.; Kawaguchi, K.; McCarthy, M.; Thaddeus, P.

Astronomical detection of C_4H^- , the second interstellar anion

- IRAM: 30m

[2007A&A...466..467S](#)

Schulz, A.; Henkel, C.; Muders, D.; Mao, R. Q.; Röllig, M.; Mauersberger, R.
The interstellar medium of the Antennae galaxies

- IRAM: 30m

[2007A&A...466..255D](#)

Demyk, K.; Mäder, H.; Tercero, B.; Cernicharo, J.; Demaison, J.; Margulès, L.; Wegner, M.; Keipert, S.; Sheng, M.
Isotopic ethyl cyanide $^{13}\text{CH}_3\text{CH}_2\text{CN}$, $\text{CH}_3^{13}\text{CH}_2\text{CN}$, and $\text{CH}_3\text{CH}_2^{13}\text{CN}$: laboratory rotational spectrum and detection in Orion

- IRAM: 30m

[2007A&A...465..457C](#)

Castro-Carrizo, A.; Quintana-Lacaci, G.; Bujarrabal, V.; Neri, R.; Alcolea, J.
Arcsecond-resolution ^{12}CO mapping of the yellow hypergiants IRC +10420 and AFGL 2343

- IRAM: 30m

[2007Icar..187..253B](#)

Biver, Nicolas; Bockelée-Morvan, Dominique; Boissier, Jérémie;
Crovisier, Jacques; Colom, Pierre; Lecacheux, Alain; Moreno, Raphaël;
Paubert, Gabriel; Lis, Dariusz C.; Sumner, Matthew; and 7 coauthors
Radio observations of Comet 9P/Tempel 1 before and after Deep Impact

- IRAM: 30m

[2007ApJ...658..498L](#)

Lefloch, Bertrand; Cernicharo, José; Reipurth, Bo; Pardo, Juan Ramon;
Neri, Roberto
Anatomy of HH 111 from CO Observations: A Bow-Shock-driven Molecular Outflow

- IRAM: 30m

[2007ApJ...658..410S](#)

Sahai, Raghvendra; Sánchez Contreras, Carmen; Morris, Mark; Claussen, Mark
A Quadrupolar Preplanetary Nebula: IRAS 19475+3119

- IRAM: 30m

[2007A&A...464L..41P](#)

Pety, J.; Goicoechea, J. R.; Hily-Blant, P.; Gerin, M.; Teyssier, D.
Deuterium fractionation in the Horsehead edge

- IRAM: 30m

[2007AJ....133..364T](#)

Tafoya, D.; Gómez, Y.; Anglada, G.; Loinard, L.; Torrelles, J. M.; Miranda, L. F.;
Osorio, M.; Franco-Hernández, R.; Nyman, L.-Å.; Nakashima, J.; Deguchi, S.
Detection of HCO^+ Emission toward the Planetary Nebula K3-35

- IRAM: 30m

[2007ApJ...655L..37R](#)

Requena-Torres, M. A.; Marcelino, N.; Jiménez-Serra, I.; Martín-Pintado, J.;
Martín, S.; Mauersberger, R.
Organic Chemistry in the Dark Clouds L1448 and L183: A Unique Grain Mantle
Composition

- IRAM: 30m

[2007ApJ...654..978P](#)

Pardo, Juan R.; Cernicharo, José
Molecular Abundances in CRL 618

- IRAM: 30m

[2007A&A...462..163N](#)

Nisini, B.; Codella, C.; Giannini, T.; Santiago Garcia, J.; Richer, J. S.; Bachiller, R.;
Tafalla, M.
Warm SiO gas in molecular bullets associated with protostellar outflows

- IRAM: 30m

[2007A&A...461..143S](#)

Schuster, K. F.; Kramer, C.; Hitschfeld, M.; Garcia-Burillo, S.; Mookerjee, B.
A complete ^{12}CO 2-1 map of M 51 with HERA. I. Radial averages of CO, HI, and
radio continuum

- IRAM: 30m

Radio observations of Comet 9P/Tempel 1 before and after Deep Impact

Icarus, Volume 191, Issue 2, Supplement 1, 2007, Pages 494-512
Nicolas Biver et al.

- IRAM: 30m

Molecular gas in Arp 94: Implications for intergalactic star formation

New Astronomy Reviews, Volume 51, Issues 1-2, February 2007, Pages 63-66
Ute Lisenfeld, Carole Mundell, James Allsopp, Eva Schinnerer

- IRAM: 30m

[2007ApJ...671.1959W](#)

Weiler, Kurt W.; Williams, Christopher L.; Panagia, Nino;
Stockdale, Christopher J.; Kelley, Matthew T.; Sramek, Richard A.;
Van Dyk, Schuyler D.; Marcaide, J. M.
Long-Term Radio Monitoring of SN 1993J

- IRAM: PdBI

[2007A&A...476L..17A](#)

Agudo, I.; Bach, U.; Krichbaum, T. P.; Marscher, A. P.; Gonidakis, I.;
Diamond, P. J.; Perucho, M.; Alef, W.; Graham, D. A.; Witzel, A.; and 4 coauthors
Superluminal non-ballistic jet swing in the quasar NRAO 150 revealed by mm-
VLBI

- [IRAM: PdBI](#)

[2007MNRAS.381.1127B](#)

Benedettini, M.; Viti, S.; Codella, C.; Bachiller, R.; Gueth, F.; Beltrán, M. T.;
Dutrey, A.; Guilloteau, S.
The clumpy structure of the chemically active L1157 outflow

- [IRAM: PdBI](#)

[2007A&A...475..101C](#)

Castro-Tirado, A. J.; Bremer, M.; McBreen, S.; Gorosabel, J.; Guziy, S.;
Fakhullin, T. A.; Sokolov, V. V.; González Delgado, R. M.; Bihain, G.;
Pandey, S. B.; and 12 coauthors
The dark nature of GRB 051022 and its host galaxy

- [IRAM: PdBI](#)

[2007A&A...471..113B](#)

Boone, F.; Baker, A. J.; Schinnerer, E.; Combes, F.; García-Burillo, S.; Neri, R.;
Hunt, L. K.; Léon, S.; Krips, M.; Tacconi, L. J.; Eckart, A.
Molecular gas in NUclei of GALaxies (NUGA). VII. NGC4569, a large scale bar
funneling gas into the nuclear region

- [IRAM: PdBI](#)

[2007A&A...470..221C](#)

Crapsi, A.; Caselli, P.; Walmsley, M. C.; Tafalla, M.
Observing the gas temperature drop in the high-density nucleus of L 1544

- [IRAM: PdBI](#)

[2007A&A...469..207C](#)

Comito, C.; Schilke, P.; Endesfelder, U.; Jiménez-Serra, I.; Martín-Pintado, J.
High-resolution study of a star-forming cluster in the Cepheus A HW2 region

- [IRAM: PdBI](#)

[2007ApJ...661L.187J](#)

Jiménez-Serra, I.; Martín-Pintado, J.; Rodríguez-Franco, A.; Chandler, C.;
Comito, C.; Schilke, P.
A Photoevaporating Rotating Disk in the Cepheus A HW2 Star Cluster

- [IRAM: PdBI](#)

[2007A&A...468L..71G](#)

García-Burillo, S.; Combes, F.; Neri, R.; Fuente, A.; Usero, A.; Leon, S.; Lim, J.
Fueling the central engine of radio galaxies. I. The molecular/dusty disk of 4C 31.04

- IRAM: PdBI

[2007A&A...468L..67G](#)

Graciá-Carpio, J.; Planesas, P.; Colina, L.
Sub-arcsecond CO(1-0) and CO(2-1) observations of the ultraluminous infrared galaxy IRAS 10190+1322

- IRAM: PdBI

[2007A&A...468L..63K](#)

Krips, M.; Neri, R.; García-Burillo, S.; Combes, F.; Schinnerer, E.; Baker, A. J.; Eckart, A.; Boone, F.; Hunt, L.; Leon, S.; Tacconi, L. J.
Molecular gas in NUclei of GALaxies (NUGA): VI. Detection of a molecular gas disk/torus via HCN in the Seyfert 2 galaxy NGC 6951?

- IRAM: PdBI

[2007A&A...468L..45B](#)

Bujarrabal, V.; van Winckel, H.; Neri, R.; Alcolea, J.; Castro-Carrizo, A.; Deroo, P.
The nebula around the post-AGB star 89 Herculis

- IRAM: PdBI

[2007A&A...468L..41A](#)

Alcolea, J.; Neri, R.; Bujarrabal, V.
Minkowski's footprint revisited. Planetary nebula formation from a single sudden event?

- IRAM: PdBI

[2007A&A...468L..37F](#)

Fuente, A.; Ceccarelli, C.; Neri, R.; Alonso-Albi, T.; Caselli, P.; Johnstone, D.; van Dishoeck, E. F.; Wyrowski, F.
Protostellar clusters in intermediate mass (IM) star forming regions

- IRAM: PdBI

[2007A&A...468L..33N](#)

Neri, R.; Fuente, A.; Ceccarelli, C.; Caselli, P.; Johnstone, D.; van Dishoeck, E. F.; Wyrowski, F.; Tafalla, M.; Lefloch, B.; Plume, R.
The IC1396N proto-cluster at a scale of ~250 AU

- IRAM: PdBI

[2007A&A...465..457C](#)

Castro-Carrizo, A.; Quintana-Lacaci, G.; Bujarrabal, V.; Neri, R.; Alcolea, J.
Arcsecond-resolution ^{12}CO mapping of the yellow hypergiants IRC +10420 and
AFGL 2343

- IRAM: PdBI

[2007ApJ...658..498L](#)

Lefloch, Bertrand; Cernicharo, José; Reipurth, Bo; Pardo, Juan Ramon;
Neri, Roberto
Anatomy of HH 111 from CO Observations: A Bow-Shock-driven Molecular
Outflow

- IRAM: PdBI

[2007A&A...464..553K](#)

Krips, M.; Eckart, A.; Krichbaum, T. P.; Pott, J.-U.; Leon, S.; Neri, R.; García-
Burillo, S.; Combes, F.; Boone, F.; Baker, A. J.; and 3 coauthors
NUclei of GALaxies. V. Radio emission in 7 NUGA sources

- IRAM: PdBI

[2007A&A...462L..45G](#)

Guélin, M.; Salomé, P.; Neri, R.; García-Burillo, S.; Graciá-Carpio, J.; Cernicharo, J.;
Cox, P.; Planesas, P.; Solomon, P. M.; Tacconi, L. J.; vanden Bout, P.
Detection of HNC and tentative detection of CN at $z = 3.9$

- IRAM: PdBI

Probing the feeding and feedback of AGN through molecular line maps

New Astronomy Reviews, Volume 51, Issues 1-2, February 2007, Pages 160-167
S. García-Burillo, F. Combes, A. Usero, J. Graciá-Carpio

- IRAM: PdBI

Large-scale molecular shocks in galaxies

New Astronomy Reviews, Volume 51, Issues 1-2, February 2007, Pages 75-79
A. Usero, S. García-Burillo, J. Martín-Pintado, A. Fuente, R. Neri

- IRAM: PdBI

Pulsational frequencies of the eclipsing δ Scuti star HD 172189. Results of the STEPPI XIII campaign

J. E. S. Costa et al.
Astronomy and Astrophysics 468 2 (2007) 637-642
DOI: 10.1051/0004-6361:20065784

- OT: CST

SYMPA, a dedicated instrument for Jovian seismology - I. Principle and performance

F. X. Schmider et al.

Astronomy and Astrophysics 474 3 (2007) 1073-1080

DOI: 10.1051/0004-6361:20067019

- OT: CST

Tracing the long bar with red-clump giants

A. Cabrera-Lavers, P. L. Hammersley, C. González-Fernández, M. López-Corredoira, F. Garzón, T. J. Mahoney

Astronomy and Astrophysics 465 3 (2007) 825-838

DOI: 10.1051/0004-6361:20066185

- OT: CST

Multisite Observations of δ Scuti Stars 7 Aql and 8 Aql (a New δ Scuti Variable): The Twelfth STEPPI Campaign in 2003

L. Fox Machado et al

The Astronomical Journal 134 No 2 (2007 August) 860-866

- OT: CST

A near-infrared/optical/X-ray survey in the centre of α Orionis

Astronomische Nachrichten

Volume 328, Issue 9, Date: November 2007, Pages: 917-927

J.A. Caballero

- OT: CST; IAC80

The 2004-2006 Outburst and Environment of V1647 Ori

J. A. Acosta-Pulido et al

The Astronomical Journal 133 No 5 (2007 May) 2020-2036

- OT: CST; IAC80

Observations of a bright plume in solar granulation

R. I. Kostik, E. V. Khomenko

Astronomy and Astrophysics 476 1 (2007) 341-347

DOI: 10.1051/0004-6361:20077163

- OT: VTT

Spicule emission profiles observed in He I 10 830 Å

B. Sánchez-Andrade Nuño, R. Centeno, K. G. Puschmann, J. Trujillo Bueno, J. Blanco Rodríguez, F. Kneer

Astronomy and Astrophysics 472 3 (2007) L51-L54

DOI: 10.1051/0004-6361:20077936

- OT: VTT

Low-lying magnetic loops in the solar internetwork

M. J. Martínez González, M. Collados, B. Ruiz Cobo, S. K. Solanki
Astronomy and Astrophysics 469 3 (2007) L39-L42
DOI: 10.1051/0004-6361:20077505

- OT: VTT

Chromospheric reversals in the emergence of an ephemeral region

A. Sainz Dalda, A. López Ariste
Astronomy and Astrophysics 469 2 (2007) 721-729
DOI: 10.1051/0004-6361:20065695

- OT: THEMIS

COSMOSOMAS observations of the cosmic microwave background and Galactic foregrounds at 11 GHz: evidence for anomalous microwave emission at high Galactic latitude

S. R. Hildebrandt, R. Rebolo, J. A. Rubiño-Martín, R. A. Watson, C. M. Gutiérrez, R. J. Hoyland, E. S. Battistelli,
MNRAS, Volume 382, Issue 2, Date: December 2007, Pages: 594-608

- OT: COSMOSOMAS experiment.

Constraints on spinning dust towards Galactic targets with the Very Small Array: a tentative detection of excess microwave emission towards 3C396

Scaife, Anna et al 2007
DOI:10.1111/j.1745-3933.2007.00305.x
Bibliographic Code: 2007MNRAS.377L..69S

- OT: VSA

PUBLICACIONES 2008

1. Abia, C., 2008, " Spectroscopy of carbon stars in the Draco and Ursa Minor dwarf spheroidal galaxies", *Astronomical Journal*, 250-258, Observatories: **WHT/ISIS (ORM)**.
2. Abia, C. de Iaverny, P. Wahlin, R., 2008, " Chemical analysis of carbon stars in the Local Group", *Astronomy & Astrophysics*, 161-168, Observatories: **Paranal: VLT**
3. Agueda, N. Vainio, R. Lario, D. Sanahuja, B., 2008, " Injection and interplanetary transport of near-relativistic electrons: Modeling the impulsive event on 2000 May 1", *Astrophysical Journal*, 1601-1613, Observatories: **SoHO (ESA)**
4. Agundez, M. Cernicharo, J. Guélin, M. Gerin, M. McCarthy, M. C. Thaddeus, P., 2008, " Search for anions in molecular sources: C₄H⁻ detection in L1527", *Astronomy & Astrophysics*, L19-L22, Observatories: **IRAM30m**
5. Agundez, M. Cernicharo, J. Pardo, J. R. Exposito, J. P. Fonfria Guélin, M. Tenenbaum, E. D. Ziurys, L. M. Apponi, A. J., 2008, " Understanding the chemical complexity in circumstellar envelopes of C-Rich AGB stars: the case of IRC+10216", *Astrophysics and Space Science*, 229-233, Observatories: **IRAM30m**
6. Agundez, M. Cernicharo, J. Pardo, J. R. Guélin, M. Phillips, T. G., 2008, " Tentative detection of phosphine in IRC+10216", *Astronomy & Astrophysics*, L33-L36, Observatories: **IRAM30m**
7. Agundez, M. Fonfria, J. P. Cernicharo, J. Pardo, J. R. Guélin, M., 2008, " Detection of circumstellar CH₂CHCN, CH₂CN, CH₃CCH, and H₂CS", *Astronomy & Astrophysics*, 493-501, Observatories: **IRAM30m**
8. Aigrain, S. Cameron, A. Collier Ollivier, M. Pont, F. Jorda, L. Almenara, J. M. Alonso, R. Barge, P. Borde, P. Bouchy, F. Deeg, H. De la Reza, R. Deleuil, M. Dvorak, R. Erikson, A. Fridlund, M. Gondoin, P. Gillon, M. Guillot, T. Hatzes, A. Lammer, H. Lanza, A. F. Leger, A. Llebaria, A. Magain, P. Mazeh, T. Moutou, C. Paetzold, M. Pinte, C. Queloz, D. Rauer, H. Rouan, D. Schneider, J. Wuchter, G. Zucker, S., 2008, " Transiting exoplanets from the CoRoT space mission - IV. CoRoT-Exo-4b: a transiting planet in a 9.2 day synchronous orbit", *Astronomy & Astrophysics*, L43-U15, Observatories: **CoRoT (ESA)**

9. Albert, J. Aliu, E. Anderhub, H. Antonelli, L. A. Antoranz, P. Backes, M. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Berger, K. Bernardini, E. Bigongiari, C. Biland, A. Bock, R. K. Bonnoli, G. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Covino, S. Curtef, V. Dazzi, F. De Angelis, A. De Cea del Pozo, E. de los Reyes, R. De Lotto, B. De Maria, M. De Sabata, F. Delgado Mendez, C. Dominguez, A. Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Fonseca, M. V. Font, L. Galante, N. Garcia Lopez, R. J. Garczarczyk, M. Gaug, M. Goebel, F. Hayashida, M. Herrero, A. Hoehne, D. Hose, J. Hsu, C. C. Huber, S. Jogler, T. Kranich, D. La Barbera, A. Laille, A. Leonardo, E. Lindfors, E. Lombardi, S. Longo, F. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G. Mankuzhiyil, N. Mannheim, K. Maraschi, L. Mariotti, M. Martinez, M. Mazin, D. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Mizobuchi, S. Moles, M. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Otte, N. Oya, I. Panniello, M. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. G. Perez-Torres, M. A. Persic, M. Peruzzo, L. Piccioli, A. Prada, F. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S. Saggion, A. Saito, T. Y. Salvati, M. Sanchez-Conde, M. Sartori, P. Satalecka, K. Scalzotto, V. Scapin, V. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sierpowska-Bartosik, A. Sillanpaa, A. Sobczynska, D. Spanier, F. Stamerra, A. Stark, L. S. Takalo, L. Tavecchio, F. Temnikov, P. Tescaro, D. Teshima, M. Tluczykont, M. Torres, D. F. Turini, N. Vankov, H. Venturini, A. Vitale, V. Wagner, R. M. Wittek, W. Zabalza, V. Zandanel, F. Zanin, R. Zapatero, J., 2008, "VERY HIGH ENERGY GAMMA-RAY OBSERVATIONS OF STRONG FLARING ACTIVITY IN M87 IN 2008 FEBRUARY", *Astrophysical Journal Letters*, L23-L26, Observatories: **Magic(ORM)**
10. Albert, J. Aliu, E. Anderhub, H. Antoranz, P. Armada, A. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Berger, K. Bigongiari, C. Biland, A. Bock, R. K. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Coarasa, J. A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Curtef, V. Danielyan, V. Dazzi, F. De Angelis, A. Delgado, C. de los Reyes, R. De Lotto, B. Domingo-Santamaria, E. Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Flix, J. Fonseca, M. V. Font, L. Fuchs, M. Galante, N. Garcia-Lopez, R. Garczarczyk, M. Gaug, M. Giller, M. Goebel, F. Hakobyan, D. Hayashida, M. Hengstebeck, T. Herrero, A. Hoehne, D. Hose, J. Hsu, C. C. Jacon, P. Jogler, T. Kosyra, R. Kranich, D. Kritzer, R. Laille, A. Lindfors, E. Lombardi, S. Longo, F. Lopez, J. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G. Mannheim, K. Mansutti, O. Mariotti, M. Martinez, M. Mazin, D. Merck, C. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Mizobuchi, S. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Ona-Wilhelmi, E. Otte, N. Oya, I. Paneque, D. Panniello, M. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. Persic, M. Peruzzo, L. Piccioli, A. Poller, M. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S.

Saggion, A. Sanchez, A. Sartori, P. Scalzotto, V. Scapin, V. Schmitt, R. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sillanpaa, A. Sobczynska, D. Stamerra, A. Stark, L. S. Takalo, L. Temnikov, P. Tescaro, D. Teshima, M. Tonello, N. Torres, D. F. Turini, N. Vankov, H. Vitale, V. Wagner, R. M. Wibig, T. Wittek, W. Zandanel, F. Zanin, R. Zapatero, J., 2008, " VHE gamma-ray observation of the Crab Nebula and its pulsar with the MAGIC telescope", *Astrophysical Journal*, 1037-1055, Observatories: **Magic (ORM)**

11. Albert, J. Aliu, E. Anderhub, H. Antoranz, P. Backes, M. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Berger, K. Bigongiari, C. Biland, A. Bock, R. K. Bonnoli, G. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Curtef, V. Dazzi, F. De Angelis, A. de los Reyes, R. De Lotto, B. De Maria, M. De Sabata, F. Mendez, C. Delgado Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Fonseca, M. V. Font, L. Galante, N. Lopez, R. J. Garcia Garczarczyk, M. Gaug, M. Goebel, F. Hayashida, M. Herrero, A. Hoehne, D. Hose, J. Hsu, C. C. Huber, S. Jogler, T. Kosyra, R. Kranich, D. Laille, A. Leonardo, E. Lindfors, E. Lombardi, S. Longo, F. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G. Mankuzhiyil, N. Mannheim, K. Mariotti, M. Martinez, M. Mazin, D. Merck, C. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Mizobuchi, S. Moles, M. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Ona-Wilhelmi, E. Otte, N. Oya, I. Panniello, M. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. G. Perez-Torres, M. A. Persic, M. Peruzzo, L. Piccioli, A. Prada, F. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S. Saggion, A. Saito, T. Y. Sanchez, A. Sanchez-Conde, M. A. Sartori, P. Scalzotto, V. Scapin, V. Schmitt, R. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sillanpaa, A. Sobczynska, D. Spanier, F. Stamerra, A. Stark, L. S. Takalo, L. Temnikov, P. Tescaro, D. Teshima, M. Torres, D. F. Turini, N. Vankov, H. Venturini, A. Vitale, V. Wagner, R. M. Wittek, W. Zandanel, F. Zanin, R. Zapatero, J. Guerrero, M. A. Alberdi, A. Paragi, Z. Muxlow, T. W. B. Diamond, P., 2008, " Multiwavelength (Radio, X-ray, and gamma-ray) observations of the gamma-ray binary LS I +61 303", *Astrophysical Journal*, 1351-1358, Observatories: **Magic (ORM)**
12. Albert, J. Aliu, E. Anderhub, H. Antoranz, P. Backes, M. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Berger, K. Bigongiari, C. Biland, A. Bock, R. K. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Curtef, V. Danielyan, V. Dazzi, F. De Angelis, A. Delgado, C. de los Reyes, R. De Lotto, B. De Maria, M. De Sabata, F. Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Fonseca, M. V. Font, L. Fuchs, M. Galante, N. Garcia-Lopez, R. J. Garczarczyk, M. Gaug, M. Goebel, F. Hakobyan, D. Hayashida, M. Hengstebeck, T. Herrero, A. Hoehne, D. Hose, J. Huber, S. Hsu, C. C. Jacon, P. Jogler, T. Kosyra, R. Kranich, D. Laille, A. Lindfors, E. Lombardi, S. Longo, F. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G.

Mankuzhiyil, N. Mannheim, K. Mariotti, M. Martinez, M. Mazin, D. Merck, C. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Mizobuchi, S. Moles, M. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Ona-Wilhelmi, E. Otte, N. Oya, I. Panniello, M. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. Perez-Torres, M. A. Persic, M. Peruzzo, L. Piccioli, A. Prada, F. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S. Saggion, A. Saito, T. Y. Sanchez, A. Sanchez-Conde, M. Sartori, P. Scalzotto, V. Scapin, V. Schmitt, R. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sillanpaa, A. Sobczynska, D. Spanier, F. Stamerra, A. Stark, L. S. Takalo, L. Temnikov, P. Tescaro, D. Teshima, M. Torres, D. F. Turini, N. Vankov, H. Venturini, A. Vitale, V. Wagner, R. M. Wittek, W. Zandanel, F. Zanin, R. Zapatero, J., 2008, " Upper limit for gamma-ray emission above 140 GeV from the dwarf spheroidal galaxy Draco", *Astrophysical Journal*, 428-431, Observatories: **Magic (ORM)**

13. Albert, J. Aliu, E. Anderhub, H. Antoranz, P. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Berger, K. Bigongiari, C. Biland, A. Bock, R. K. Bonnoli, G. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Curtef, V. Dazzi, F. De Angelis, A. Delgado, C. de los Reyes, R. Domingo-Santamaria, E. De Lotto, B. De Maria, M. De Sabata, F. Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Fonseca, M. V. Font, L. Galante, N. Garcia-Lopez, R. J. Garczarczyk, M. Gaug, M. Goebel, F. Hayashida, M. Herrero, A. Hoehne, D. Hose, J. Hsu, C. C. Huber, S. Jogler, T. Kosyra, R. Kranich, D. Laille, A. Leonardo, E. Lindfors, E. Lombardi, S. Longo, F. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G. Mankuzhiyil, N. Mannheim, K. Mariotti, M. Martinez, M. Mazin, D. Merck, C. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Mizobuchi, S. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Ona-Wilhelmi, E. Otte, N. Oya, I. Panniello, M. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. Persic, M. Peruzzo, L. Piccioli, A. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S. Saggion, A. Saito, T. Y. Sanchez, A. Sartori, P. Scalzotto, V. Scapin, V. Schmitt, R. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sillanpaa, A. Sobczynska, D. Spanier, F. Stamerra, A. Stark, L. S. Takalo, L. Temnikov, P. Tescaro, D. Teshima, M. Torres, D. F. Turini, N. Vankov, H. Venturini, A. Vitale, V. Wagner, R. M. Wittek, W. Zandanel, F. Zanin, R. Zapatero, J., 2008, " Magic observations of the unidentified gamma-ray source TEV J2032+4130", *Astrophysical Journal Letters*, L25-L28, Observatories: **Magic (ORM)**

14. Albert, J. Aliu, E. Anderhub, H. Antoranz, P. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Berger, K. Bigongiari, C. Biland, A. Bock, R. K. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Coarasa, J. A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Curtef, V. Danielyan, V. Dazzi, F. De Angelis, A. Delgado, C. de los Reyes, R. De Lotto, B. Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Fonseca,

M. V. Font, L. Fuchs, M. Galante, N. Garcia-Lopez, R. J. Garczarczyk, M. Gaug, M. Giller, M. Goebel, F. Hakobyan, D. Hayashida, M. Hengstebeck, T. Herrero, A. Hoehne, D. Hose, J. Huber, S. Hsu, C. C. Jacon, P. Jogler, T. Kosyra, R. Kranich, D. Kritzer, R. Laille, A. Lindfors, E. Lombardi, S. Longo, F. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G. Mannheim, K. Mariotti, M. Martinez, M. Mazin, D. Merck, C. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Mizobuchi, S. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Ona-Wilhelmi, E. Otte, N. Oya, I. Panniello, M. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. Persic, M. Peruzzo, L. Piccioli, A. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S. Saggion, A. Saito, T. Y. Sanchez, A. Sartori, P. Scalzotto, V. Scapin, V. Schmitt, R. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sillanpaa, A. Sobczynska, D. Spanier, F. Stamerra, A. Stark, L. S. Takalo, L. Temnikov, P. Tescaro, D. Teshima, M. Torres, D. F. Turini, N. Vankov, H. Venturini, A. Vitale, V. Wagner, R. M. Wibig, T. Wittek, W. Zandanel, F. Zanin, R. Zapatero, J., 2008, " Systematic search for VHE gamma-ray emission from X-ray-bright high-frequency BL Lac objects", *Astrophysical Journal*, 944-953, Observatories: **Magic (ORM)**

15. Alcolea, Javier Bujarrabal, Valentin Neri, Roberto, 2008, " New Plateau de Bure observations of M 1-92; unveiling the core", *Astrophysics and Space Science*, 235-239, Observatories: **IRAM-PdBI**
16. Aliu, E. Anderhub, H. Antonelli, L. A. Antoranz, P. Backes, M. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Berger, K. Bernardini, E. Bigongiari, C. Biland, A. Bock, R. K. Bonnoli, G. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Covino, S. Curtef, V. Dazzi, F. De Angelis, A. De Cea del Pozo, E. de los Reyes, R. De Lotto, B. De Maria, M. De Sabata, F. Delgado Mendez, C. Dominguez, A. Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Fonseca, M. V. Font, L. Galante, N. Garcia Lopez, R. J. Garczarczyk, M. Gaug, M. Goebel, F. Hayashida, M. Herrero, A. Hoehne, D. Hose, J. Hsu, C. C. Huber, S. Jogler, T. Kranich, D. La Barbera, A. Laille, A. Leonardo, E. Lindfors, E. Lombardi, S. Longo, F. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G. Mankuzhiyil, N. Mannheim, K. Maraschi, L. Mariotti, M. Martinez, M. Mazin, D. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Moles, M. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Ona-Wilhelmi, E. Otte, N. Oya, I. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. G. Perez-Torres, M. A. Persic, M. Peruzzo, L. Piccioli, A. Prada, F. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S. Saggion, A. Saito, T. Y. Salvati, M. Sanchez-Conde, M. Sartori, P. Satalecka, K. Scalzotto, V. Scapin, V. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sierpowska-Bartosik, A. Sillanpaa, A. Sobczynska, D. Spanier, F. Stamerra, A. Stark, L. S. Takalo, L. Tavecchio, F. Temnikov, P. Tescaro, D. Teshima, M. Tluczykont, M. Torres, D. F. Turini, N. Vankov, H. Venturini, A. Vitale, V. Wagner, R. M. Wittek, W. Zabalza, V. Zandanel, F. Zanin, R. Zapatero, J., 2008, " FIRST BOUNDS ON THE HIGH-ENERGY

EMISSION FROM ISOLATED WOLF-RAYET BINARY SYSTEMS",
Astrophysical Journal Letters, L71-L74, Observatories: **Magic (ORM)**

17. Ramos Almeida, C. Perez Garcia, A. M. Acosta-Pulido, J. A. Gonzalez-Martin, O., 2008, " Unveiling the narrow-line Seyfert 1 nature of Markarian 573 using near-infrared spectroscopy", Astrophysical Journal Letters, L17-L20, Observatories: **WHT (ORM); XMM-Newton (ESA)**
18. Alonso, R. Auvergne, M. Baglin, A. Ollivier, M. Moutou, C. Rouan, D. Deeg, H. J. Aigrain, S. Almenara, J. M. Barbieri, M. Barge, P. Benz, W. Borde, P. Bouchy, F. De la Reza, R. Deleuil, M. Dvorak, R. Erikson, A. Fridlund, M. Gillon, M. Gondoin, P. Guillot, T. Hatzes, A. Hebrard, G. Kabath, P. Jorda, L. Lammer, H. Leger, A. Llebaria, A. Loeillet, B. Magain, P. Mayor, M. Mazeh, T. Paetzold, M. Pepe, F. Pont, F. Queloz, D. Rauer, H. Shporer, A. Schneider, J. Stecklum, B. Udry, S. Wuchterl, G., 2008, " Transiting exoplanets from the CoRoT space mission", Astronomy & Astrophysics, L21-U11, Observatories: **CoRoT (ESA); La Silla (HARPS)**
19. Alonso, R. Barbieri, M. Rabus, M. Deeg, H. J. Belmonte, J. A. Almenara, J. M., 2008, " Limits to the planet candidate GJ 436c", Astronomy & Astrophysics, L5-L8, Observatories: **TCS (OT)**
20. Alonso-Albi, T. Fuente, A. Bachiller, R. Neri, R. Planesas, P. Testi, L., 2008, " The dusty disk around VV serpens", , 1289-1294, Observatories: **IRAM-PdBI**
21. Amanullah, R. Stanishev, V. Goobar, A. Schahmanche, K. Astier, P. Balland, C. Ellis, R. S. Fabbro, S. Hardin, D. Hook, I. M. Irwin, M. J. McMahon, R. G. Mendez, J. M. Mouchet, M. Pain, R. Ruiz-Lapuente, P. Walton, N. A., 2008, " Light curves of five type Ia supernovae at intermediate redshift", Astronomy & Astrophysics, 375-U29, Observatories: **INT, JKT, NOT (ORM)**
22. Anderson, Jay Sarajedini, Ata Bedin, Luigi R. King, Ivan R. Piotto, Giampaolo Reid, I. Neill Siegel, Michael Majewski, Steven R. Paust, Nathaniel E. Q. Aparicio, Antonio Milone, Antonino P. Chaboyer, Brian Rosenberg, Alfred, 2008, " The ACS Survey of Globular Clusters. v. generating a comprehensive star catalog for each cluster", Astronomical Journal, 2055-2073, Observatories: **Hubble (ESA)**
23. Apellaniz, J. Maiz, 2008, " Biases on initial mass function determinations. II. Real multiple systems and chance superpositions", Astrophysical Journal, 1278-1295, Observatories: **Hubble (ESA)**
24. Appourchaux, T. Michel, E. Auvergne, M. Baglin, A. Toutain, T. Baudin, F. Benomar, O. Chaplin, W. J. Deheuvels, S. Samadi, R. Verner, G. A. Boumier, P. Garcia, R. A. Mosser, B. Hulot, J. -C. Ballot, J. Barban, C. Elsworth, Y. Jimenez-Reyes, S. J. Kjeldsen, H. Regulo, C. Roxburgh, I. W., 2008, " CoRoT sounds the stars: p-mode parameters of Sun-like oscillations

on HD 49933", *Astronomy & Astrophysics*, 705-714, Observatories: **CoRoT (ESA)**

25. Arav, Nahum Moe, Maxwell Costantini, Elisa Korista, Kirk T. Benn, Chris Ellison, Sara, 2008, " Measuring column densities in quasar outflows: VLT observations of QSO 2359-1241", *Astrophysical Journal*, 954-964, Observatories: **Paranal: VLT**
26. Arce, Hector G. Santiago-Garcia, Joaquin Jorgensen, Jes K. Tafalla, Mario Bachiller, Rafael, 2008, " Complex molecules in the L1157 molecular outflow", *Astrophysical Journal Letters*, L21-L24, Observatories: **IRAM30m**
27. Arnaboldi, Magda Doherty, Michelle Gerhard, Ortwin Ciardullo, Robin Aguerri, J. Alfonso L. Feldmeier, John J. Freeman, Kenneth C. Jacoby, George H., 2008, " Expansion velocities and core masses of bright planetary nebulae in the Virgo Cluster", *Astrophysical Journal Letters*, L17-L20, Observatories: **Paranal:VLT**
28. Arribas, S. Colina, L. Monreal-Ibero, A. Alfonso, J. Garcia-Marin, M. Alonso-Herrero, A., 2008, " VLT-VIMOS integral field spectroscopy of luminous and ultraluminous infrared galaxies - I. The sample and first results", *Astronomy & Astrophysics*, 687-702, Observatories: **Paranal: VLT/VIMOS**
29. Ascasibar, Y. Diego, J. M., 2008, " A phenomenological model of galaxy clusters", *Monthly Notices of the Royal Astronomical Society*, 369-374, Observatories: **XMM-Newton (ESA)**
30. Ascaso, B. Moles, M. Aguerri, J. A. L. Sanchez-Janssen, R. Varela, J., 2008, " The bright galaxy population of five medium redshift clusters", *Astronomy & Astrophysics*, 453-U56, Observatories: **NOT (ORM)**
31. Atek, H. Kunth, D. Hayes, M. Oestlin, G. Mas-Hesse, J. M., 2008, " On the detectability of Ly alpha emission in star forming galaxies - The role of dust", *Astronomy & Astrophysics*, 491-509, Observatories: **La Silla (NTT); Hubble (ESA); NOT (ORM)**
32. Azzollini, R. Trujillo, I. Beckman, J. E., 2008, " Color profiles of disk galaxies since z similar to 1: Probing outer disk formation scenarios", *Astrophysical Journal Letters*, L69-L72, Observatories: **Hubble (ESA)**
33. Azzollini, R. Trujillo, I. Beckman, J. E., 2008, " Cosmic evolution of stellar disk truncations: From z similar to 1 to the local universe", *Astrophysical Journal*, 1026-1047, Observatories: **Hubble (ESA)**
34. Badenes, Carles Hughes, John P. Cassam-Chenai, Gamil Bravo, Eduardo, 2008, " The persistence of memory, or how the X-ray spectrum of SNR 0509-67.5 reveals the brightness of its parent Type Ia supernova", *Astrophysical Journal*, 1149-1157, Observatories: **XMM-Newton (ESA)**

35. Ballo, L. Giustini, M. Schartel, N. Cappi, M. Jimenez-Bailon, E. Piconcelli, E. Santos-Lleo, M. Vignali, C., 2008, " X-ray spectral variability in PG 1535+547: the changing look of a "soft X-ray weak" AGN", *Astronomy & Astrophysics*, 137-149, Observatories: **XMM-Newton (ESA)**
36. Barcons, X., 2008, " Searching for the missing baryons in the Warm-Hot Intergalactic Medium", *Astronomische Nachrichten*, 118-121, Observatories: **XMM-Newton (ESA)**
37. Barge, P. Baglin, A. Auvergne, M. Rauer, H. Leger, A. Schneider, J. Pont, F. Aigrain, S. Almenara, J. -M. Alonso, R. Barbieri, M. Borde, P. Bouchy, F. Deeg, H. J. Deleuil, M. Dvorak, R. Erikson, A. Fridlund, M. Gillon, M. Gondoin, P. Guillot, T. Hatzes, A. Hebrard, G. Jorda, L. Kabath, P. Lammer, H. Llebaria, A. Loeillet, B. Magain, P. Mazeh, T. Moutou, C. Ollivier, M. Paetzold, M. Queloz, D. Rouan, D. Shporer, A. Wuchterl, G., 2008, " Transiting exoplanets from the CoRoT space mission", *Astronomy & Astrophysics*, L17-U6, Observatories: **CoRoT (ESA)**
38. Barker, S. de Grijs, R. Cervino, M., 2008, " Star cluster versus field star formation in the nucleus of the prototype starburst galaxy M82", *Astronomy & Astrophysics*, 711-720, Observatories: **Hubble (ESA)**
39. Barnstedt, J. Staubert, R. Santangelo, A. Ferrigno, C. Horns, D. Klochkov, D. Kretschmar, P. Kreykenbohm, I. Segreto, A. Wilms, J., 2008, " INTEGRAL observations of the variability of OAO1657-415", *Astronomy & Astrophysics*, 293-302, Observatories: **Integral (ESA)**
40. Barrado-Lzagicffe, N. Sanchez-Lavega, A. Perez-Hoyos, S. Hueso, R., 2008, " Jupiter's polar clouds and waves from Cassini and HST images: 1993-2006", *Icarus*, 173-185, Observatories: **Hubble, Cassini (ESA)**
41. Barrio, F. Eugenio Jarvis, Matt J. Rawlings, Steve Bauer, Amanda Croft, Steve Hill, Gary J. Manchado, Arturo McLure, Ross J. Smith, Daniel J. B. Targett, Thomas A., 2008, " A young, dusty, compact radio source within a Ly alpha halo", *Monthly Notices of the Royal Astronomical Society*, 792-798, Observatories: **WH, INT (ORM)**
42. Bauer, M. Pietsch, W. Trinchieri, G. Breitschwerdt, D. Ehle, M. Freyberg, M. J. Read, A. M., 2008, " XMM-Newton observations of the diffuse X-ray emission in the starburst galaxy NGC 253", *Astronomy & Astrophysics*, 1029-U28, Observatories: **XMM-Newton (ESA)**
43. Bayet, E. Lintott, C. Viti, S. Martin-Pintado, J. Martin, S. Williams, D. A. Rawlings, J. M. C., 2008, " TRACING HIGH-DENSITY GAS IN M82 AND NGC 4038", *Astrophysical Journal Letters*, L35-L38, Observatories: **IRAM30m**
44. Beck, C., 2008, " A 3D sunspot model derived from an inversion of spectropolarimetric observations and its implications for the penumbral

- heating", *Astronomy & Astrophysics*, 825-+, Observatories: **DOT (ORM); VTT (OT)**
45. Beck, C. Schmidt, W. Rezaei, R. Rammacher, W., 2008, " The signature of chromospheric heating in CaIIH spectra", *Astronomy & Astrophysics*, 213-U113, Observatories: **VTT (OT)**
 46. Bedregal, A. G. Aragon-Salamanca, A. Merrifield, M. R. Cardiel, N., 2008, " The link between the masses and central stellar populations of S0 galaxies", *Monthly Notices of the Royal Astronomical Society*, 660-676, Observatories: **Paranal: VLT**
 47. Bejar, V. J. S. Zapatero Osorio, M. R. Perez-Garrido, A. Alvarez, C. Martin, E. L. Rebolo, R. Villo-Perez, I. Diaz-Sanchez, A., 2008, " Discovery of a wide companion near the deuterium-burning mass limit in the upper scorpius association", *Astrophysical Journal Letters*, L185-L189, Observatories: **WHT, TNG (ORM); IAC-80 (OT)**
 48. Bernard, Edouard J. Gallart, Carme Monelli, Matteo Aparicio, Antonio Cassisi, Santi Skillman, Evan D. Stetson, Peter B. Cole, Andrew A. Drozdovsky, Igor Hidalgo, Sebastian L. Mateo, Mario Tolstoy, Eline, 2008, " The ACS LCID project: RR Lyrae stars as tracers of old population gradients in the isolated dwarf spheroidal galaxy Tucana", *Astrophysical Journal Letters*, L21-L24, Observatories: **Hubble (ESA)**
 49. Bianchi, F. D'Ammando S. Jimenez-Bailon, E. Matt, G., 2008, " XMM-Newton observations of 4 luminous radio-quiet AGN, and the soft X-ray excess problem", *Astronomy & Astrophysics*, 499-505, Observatories: **XMM-Newton (ESA)**
 50. Bianchi, Stefano Chiaberge, Marco Piconcelli, Enrico Guainazzi, Matteo Matt, Giorgio, 2008, " Chandra unveils a binary active galactic nucleus in Mrk 463", *Monthly Notices of the Royal Astronomical Society*, 105-110, Observatories: **Hubble, XMM-Newton (ESA)**
 51. Bianchi, S. Corral, A. Panessa, F. Barcons, X. Matt, G. Bassani, L. Carrera, F. J. Jimenez-Bailon, E., 2008, " NGC 3147: a 'true' type 2 Seyfert galaxy without the broad-line region", *Monthly Notices of the Royal Astronomical Society*, 195-199, Observatories: **XMM-Newton (ESA)**
 52. Bianchi, Stefano La Franca, Fabio Matt, Giorgio Guainazzi, Matteo Bailon, Elena Jimenez Longinotti, Anna Lia Nicastro, Fabrizio Pentericci, Laura, 2008, " A broad-line region origin for the iron K alpha line in NGC 7213", *Monthly Notices of the Royal Astronomical Society*, L52-L56, Observatories: **La Silla: NTT**
 53. Blay, P. Martinez-Nunez, S. Negueruela, I. Pottschmidt, K. Smith, D. M. Torrejon, J. M. Reig, P. Kretschmar, P. Kreykenbohm, I., 2008, " INTEGRAL long-term monitoring of the supergiant fast X-ray transient

- XTE J1739-302", *Astronomy & Astrophysics*, 669-676, Observatories: **Integral (ESA)**
54. Bockelee-Morvan, D. Biver, N. Jehin, E. Cochran, A. L. Wiesemeyer, H. Manfroid, J. Hutsemekers, D. Arpigny, C. Boissier, J. Cochran, W. Colom, P. Crovisier, J. Milutinovic, N. Moreno, R. Prochaska, J. X. Ramirez, I. Schulz, R. Zucconi, J. -M., 2008, " Large excess of heavy nitrogen in both hydrogen cyanide and cyanogen from comet 17P/Holmes", *Astrophysical Journal Letters*, L49-L52, Observatories: **IRAM30m**
 55. Boeker, Torsten Falcon-Barroso, Jesus Schinnerer, Eva Knapen, Johan H. Ryder, Stuart, 2008, " A SINFONI view of galaxy centers: Morphology and kinematics of five nuclear star-formation rings", *Astronomical Journal*, 479-495, Observatories: **Paranal: VLT/SINFONI**
 56. Bono, G. Stetson, P. B. Sanna, N. Piersimoni, A. Freyhammer, L. M. Bouzid, Y. Buonanno, R. Calamida, A. Caputo, F. Corsi, C. E. Di Cecco, A. Dall'Ora, M. Ferraro, I. Iannicola, G. Monelli, M. Nonino, M. Pulone, L. Sterken, C. Storm, J. Tuvikene, T. Walker, A. R., 2008, " ON THE RELATIVE DISTANCES OF omega CENTAURI AND 47 TUCANAE", *Astrophysical Journal Letters*, L87-L90, Observatories: **La Silla: NTT/SOFI; Paranal: VLT-ISAAC**
 57. Boschin, W. Barrena, R. Girardi, M. Spolaor, M., 2008, " Optical analysis of the poor clusters Abell 610, Abell 725, and Abell 796, containing diffuse radio sources", *Astronomy & Astrophysics*, 33-U22, Observatories: **WHT, INT (ORM)**
 58. Bouchy, F. Queloz, D. Deleuil, M. Loeillet, B. Hatzes, A. P. Aigrain, S. Alonso, R. Auvergne, M. Baglin, A. Barge, P. Benz, W. Borde, P. Deeg, H. J. De la Reza, R. Dvorak, R. Erikson, A. Fridlund, M. Gondoin, P. Guillot, T. Hebrard, G. Jorda, L. Lammer, H. Leger, A. Llebaria, A. Magain, P. Mayor, M. Moutou, C. Ollivier, M. Paetzold, M. Pepe, F. Pont, F. Rauer, H. Rouan, D. Schneider, J. Triaud, A. H. M. J. Udry, S. Wuchterl, G., 2008, " Transiting exoplanets from the CoRoT space mission - III. The spectroscopic transit of CoRoT-Exo-2b with SOPHIE and HARPS", *Astronomy & Astrophysics*, L25-L28, Observatories: **La Silla: 3.6m-HARPS; CoRoT (ESA)**
 59. Bouy, H. Huelamo, N. Pinte, C. Olofsson, J. Barrado y Navascues, D. Martin, E. L. Pantin, E. Monin, J. -L. Basri, G. Augereau, J. -C. Menard, F. Duvert, G. Duchene, G. Marchis, F. Bayo, A. Bottinelli, S. Lefort, B. Guieu, S., 2008, " Structural and compositional properties of brown dwarf disks: the case of 2MASS J04442713+2512164", *Astronomy & Astrophysics*, 877-890, Observatories: **Paranal: VLT**
 60. Bouy, H. Kolb, J. Marchetti, E. Martin, E. L. Huelamo, N. Barrado y Navascus, D., 2008, " Multi-conjugate adaptive optics images of the Trapezium cluster", *Astronomy & Astrophysics*, 681-690, Observatories: **Paranal: VLT**

61. Bouy, H. Martin, E. L. Brandner, W. Forveille, T. Delfosse, X. Huelamo, N. Basri, G. Girard, J. Osorio, M. -R. Zapatero Stumpf, M. Ghez, A. Valdivielso, L. Marchis, F. Burgasser, A. J. Cruz, K., 2008, " Follow-up observations of binary ultra-cool dwarfs", *Astronomy & Astrophysics*, 757-767, Observatories: **Paranal: VLT; Hubble (ESA)**
62. Bradley, L. D. Bouwens, R. J. Ford, H. C. Illingworth, G. D. Jee, M. J. Benitez, N. Broadhurst, T. J. Franx, M. Frye, B. L. Infante, L. Motta, V. Rosati, P. White, R. L. Zheng, W., 2008, " Discovery of a very bright strongly lensed galaxy candidate at z approximate to 7.6", *Astrophysical Journal*, 647-654, Observatories: **Hubble (ESA)**
63. Brandner, W. Clark, J. S. Stolte, A. Waters, R. Negueruela, I. Goodwin, S. P., 2008, " Intermediate to low-mass stellar content of Westerlund 1", *Astronomy & Astrophysics*, 137-149, Observatories: **La Silla :NTT**
64. Brunner, H. Cappelluti, N. Hasinger, G. Barcons, X. Fabian, A. C. Mainieri, V. Szokoly, G., 2008, " XMM-Newton observations of the Lockman Hole: X-ray source catalogue and number counts", *Astronomy & Astrophysics*, 283-300, Observatories: **XMM-Newton (ESA)**
65. Burningham, Ben Pinfield, D. J. Leggett, S. K. Tamura, M. Lucas, P. W. Homeier, D. Day-Jones, A. Jones, H. R. A. Clarke, J. R. A. Ishii, M. Kuzuhara, M. Lodieu, N. Zapatero Osorio, M. R. Venemans, B. P. Mortlock, D. J. Barrado y Navascues, D. Martin, E. L. Magazzu, A., 2008, " Exploring the substellar temperature regime down to similar to 550K", *Monthly Notices of the Royal Astronomical Society*, 320-333, Observatories: **La Silla: NTT/EMMI**
66. Butt, Y. M. Combi, J. A. Drake, J. Finley, J. P. Konopelko, A. Lister, M. Rodriguez, J. Shepherd, D., 2008, " TeV J2032+4130: a not-so-dark accelerator?", *Monthly Notices of the Royal Astronomical Society*, 1764-1770, Observatories: **Integral (ESA)**
67. Caballero, J. A. Valdivielso, L. Martin, E. L. Montes, D. Pascual, S. Perez-Gonzalez, P. G., 2008, " Low-resolution spectroscopy and spectral energy distributions of selected sources towards sigma Orionis", *Astronomy & Astrophysics*, 515-523, Observatories: **NOT (ORM)**
68. Caccianiga, A. Severgnini, P. Della Ceca, R. Maccaro, T. Cocchia, F. Barcons, X. Carrera, F. J. Matute, I. McMahon, R. G. Page, M. J. Pietsch, W. Sbarufatti, B. Schwobe, A. Tedds, J. A. Watson, M. G., 2008, " The XMM-Newton bright serendipitous survey - Identification and optical spectral properties", *Astronomy & Astrophysics*, 735-U53, Observatories: **CAHA 2.2m; La Silla : NTT, 3.6m; TNG (ORM); XMM-Newton (ESA)**
69. Calamida, A. Corsi, C. E. Bono, G. Stetson, P. B. Moroni, P. Prada Degl'Innocenti, S. Ferraro, I. Iannicola, G. Koester, D. Pulone, L. Monelli, M. Amico, P. Buonanno, R. Caputo, F. D'Odorico, S. Freyhammer, L. M.

- Marchetti, E. Nonino, M. Romaniello, M., 2008, " On the white dwarf cooling sequence of the globular cluster omega centauri", *Astrophysical Journal Letters*, L29-L33, Observatories: **Hubble (ESA)**
70. Caldwell, John A. R. McIntosh, Daniel H. Rix, Hans-Walter Barden, Marco Beckwith, Steven V. W. Bell, Eric F. Borch, Andrea Heymans, Catherine Haeussler, Boris Jahnke, Knud Jogee, Shardha Meisenheimer, Klaus Peng, Chien Y. Sanchez, Sebastian F. Somerville, Rachel S. Wisotzki, Lutz Wolf, Christian, 2008, " Gems survey data and catalog", *Astrophysical Journal Supplement Series*, 136-144, Observatories: **Hubble (ESA)**
71. Carballo, R. Gonzalez-Serrano, J. I. Benn, C. R. Jimenez-Lujan, F., 2008, " Use of neural networks for the identification of new $z \geq 3.6$ QSOs from FIRST-SDSS DR5", *Monthly Notices of the Royal Astronomical Society*, 369-382, Observatories: **WHT (ORM)**
72. Carpano, S. Altieri, B. King, A. R. Nucita, A. Leisy, P., 2008, " XMMU J134736.6+173403: an eclipsing LMXB in quiescence or a peculiar AGN?", *Astronomy & Astrophysics*, 807-810, Observatories: **WHT (ORM); XMM-Newton (ESA)**
73. Carpano, S. Fridlund, M., 2008, " Detecting transits from Earth-sized planets around Sun-like stars", *Astronomy & Astrophysics*, 607-613, Observatories: **SoHO/VIRGO (ESA)**
74. Carrera, Ricardo Gallart, Carme Aparicio, Antonio Costa, Edgardo Mendez, Rene A. Noeel, Noelia E. D., 2008, " The chemical enrichment history of the small magellanic cloud and its gradients", *Astronomical Journal*, 1039-1048, Observatories: **Paranal:VLT/FORS2**
75. Carter, David Goudfrooij, Paul Mobasher, Bahram Ferguson, Henry C. Puzia, Thomas H. Aguerra, Alfonso L. Balcells, Marc Batcheldor, Dan Bridges, Terry J. Davies, Jonathan I. Erwin, Peter Graham, Alister W. Guzman, Rafael Hammer, Derek Hornschemeier, Ann Hoyos, Carlos Hudson, Michael J. Huxor, Avon Jogee, Shardha Komiyama, Yutaka Lotz, Jennifer Lucey, John R. Marzke, Ronald O. Merritt, David Miller, Bryan W. Miller, Neal A. Mouhcine, Mustapha Okamura, Sadanori Peletier, Reynier F. Phillipps, Steven Poggianti, Bianca M. Sharples, Ray M. Smith, Russell J. Trentham, Neil Tully, R. Brent Valentijn, Edwin Kleijn, Gijs Verdoes, 2008, " The Hubble Space Telescope advanced camera for surveys coma cluster survey. I. Survey objectives and design", *Astrophysical Journal Supplement Series*, 424-437, Observatories: **Hubble (ESA)**
76. Casasola, V. Combes, F. Garcia-Burillo, S. Hunt, L. K. Leon, S. Baker, A. J., 2008, " Molecular gas in NUClei of GALaxies (NUGA) X. The Seyfert 2 galaxy NGC 3147", *Astronomy & Astrophysics*, 61-76, Observatories: **IRAM30m; IRAM-PdBI**
77. Castro, N. Herrero, A. Garcia, M. Trundle, C. Bresolin, F. Gieren, W. Pietrzynski, G. Kudritzki, R. -P. Demarco, R., 2008, " The Araucaria

Project: VLT-spectroscopy of blue massive stars in NGC55", Astronomy & Astrophysics, 41-U42, Observatories: **Paranal :VLT**

78. Catalan, S. Iserns, J. Garcia-Berros, E. Ribas, I. Prieto, C. Allende Bonanos, A. Z., 2008, " The initial-final mass relationship from white dwarfs in common proper motion pairs", Astronomy & Astrophysics, 213-221, Observatories: **CAHA 2.2m; CAHA 3.5m; TNG (ORM)**
79. Catalan, S. Ribas, I. Isern, J. Garcia-Berro, E., 2008, " WD0433+270: an old Hyades stream member or an Fe-core white dwarf?", Astronomy & Astrophysics, 901-906, Observatories: **CAHA2.2m**
80. Cepa, J. Perez-Garcia, A. M. Bongiovanni, A. Alfaro, E. J. Castaneda, H. Gallego, J. Gonzalez-Serrano, J. I. Sanchez-Portal, M. Gonzalez, J. J., 2008, " OTELO survey: deep BVRI broad-band photometry of the Groth strip I. Number counts and two-point correlation functions", Astronomy & Astrophysics, 1-14, Observatories: **WHT (ORM)**
81. Cernicharo, J. Guelin, M. Agundez, M. McCarthy, M. C. Thaddeus, P., 2008, " DETECTION OF C5N- AND VIBRATIONALLY EXCITED C6H IN IRC+10216", Astrophysical Journal Letters, L83-L86, Observatories: **IRAM30m**
82. Chilingarian, Igor V. Cayatte, Veronique Bergond, Gilles, 2008, " Stellar population constraints on the dark matter content and origin of ultra-compact dwarf galaxies", Monthly Notices of the Royal Astronomical Society, 906-912, Observatories: **Paranal :VLT**
83. Clark, J. S. Munoz, M. P. Negueruela, I. Dougherty, S. M. Crowther, P. A. Goodwin, S. P. de Grijs, R., 2008, " Unveiling the X-ray point source population of the Young Massive Cluster Westerlund 1", Astronomy & Astrophysics, 147-163, Observatories: **La Silla; Paranal**
84. Combi, J. A. Albacete-Colombo, J. F. Marti, J., 2008, " A new search strategy for microquasar candidates using NVSS/2MASS and XMM-Newton data", Astronomy & Astrophysics, 125-132, Observatories: **XMM-Newton (ESA)**
85. Combi, J. A. Albacete-Colombo, J. F. Marti, J., 2008, " Discovery of thermal X-ray emission in the supernova remnant G337.8-0.1 (Kes 41)", Astronomy & Astrophysics, L25-L28, Observatories: **XMM-Newton (ESA)**
86. Comeron, F. Pasquali, A. Figueras, F. Torra, J., 2008, " The outskirts of Cygnus OB2", Astronomy & Astrophysics, 453-U73, Observatories: **CAHA1.23m; CAHA 2.2m**

87. Comeron, S. Knapen, J. H. Beckman, J. E., 2008, " On the morphology of sigma-drop galaxies", *Astronomy & Astrophysics*, 695-U41, Observatories: **Hubble (ESA)**
88. Comeron, S. Knapen, J. H. Beckman, J. E. Shlosman, I., 2008, " Discovery of ultra-compact nuclear rings in three spiral galaxies", *Astronomy & Astrophysics*, 403-407, Observatories: **Hubble (ESA)**
89. Comito, Claudia Schilke, Peter Endesfelder, Ulrike Jimenez-Serra, Izaskun Martin-Pintado, Jesus, 2008, " High-resolution mm interferometry and the search for massive protostellar disks: the case of Cep-A HW2", *Astrophysics and Space Science*, 59-63, Observatories: **IRAM-PdBI**
90. Corradi, R. L. M. Rodriguez-Flores, E. R. Mampaso, A. Greimel, R. Viironen, K. Drew, J. E. Lennon, D. J. Mikolajewska, J. Sabin, L. Sokolowski, J. L., 2008, " IPHAS and the symbiotic stars - I. Selection method and first discoveries", *Astronomy & Astrophysics*, 409-U81, Observatories: **INT (ORM)**
91. Corral, A. Page, M. J. Carrera, F. J. Barcons, X. Mateos, S. Ebrero, J. Krumpe, M. Schwobe, A. Tedds, J. A. Watson, M. G., 2008, " Average Fe K alpha emission from distant AGN", *Astronomy & Astrophysics*, 71-80, Observatories: **XMM-Newton (ESA)**
92. Cottam, J. Paerels, F. Mendez, M. Boirin, L. Lewin, W. H. G. Kuulkers, E. Miller, J. M., 2008, " The burst spectra of EXO 0748-676 during a long 2003 XMM-Newton observation", *Astrophysical Journal*, 504-509, Observatories: **XMM-Newton (ESA)**
93. Cox, N. L. J. Patat, F., 2008, " Interstellar atoms, molecules and diffuse bands toward SN2006X in M 100", *Astronomy & Astrophysics*, L9-L12, Observatories: **Paranal:VLT**
94. Crockett, R. Mark Maund, Justyn R. Smartt, Stephen J. Mattila, Seppo Pastorello, Andrea Smoker, Jonathan Stephens, Andrew W. Fynbo, Johan Eldridge, John J. Danziger, I. John Benn, Christopher R., 2008, " The birth place of the type Ic supernova 2007gr", *Astrophysical Journal Letters*, L99-L102, Observatories: **WHT, INT (ORM); Hubble (ESA)**
95. Cumming, R. J. Fathi, K. Ostlin, G. Marquart, T. Marquez, I. Masegosa, J. Bergvall, N. Amram, P., 2008, " Stellar dynamics of blue compact galaxies - II. Further indications of a merger in ESO 338-IG04", *Astronomy & Astrophysics*, 725-733, Observatories: **Paranal: VLT/FORS2**
96. Dalda, A. Sainz Rubio, L. R. Bellot, 2008, " Detection of sea-serpent field lines in sunspot penumbrae", *Astronomy & Astrophysics*, L21-L24, Observatories: **Hinode (ESA)**
97. Deeg, H. J. Ocana, B. Kozhevnikov, V. P. Charbonneau, D. O'Donovan, F. T. Doyle, L. R., 2008, " Extrasolar planet detection by binary stellar eclipse

- timing: evidence for a third body around CM Draconis", *Astronomy & Astrophysics*, 563-571, Observatories: **INT (ORM); IAC80 (OT)**
98. Delgado, Rosa M. Gonzalez Perez, Enrique Fernandes, Roberto Cid Schmitt, Henrique, 2008, " HST/WFPC2 imaging of the circumnuclear structure of low-luminosity active galactic nuclei. I. Data and nuclear morphology", *Astronomical Journal*, 747-765, Observatories: **Hubble (ESA)**
99. Della Ceca, R. Caccianiga, A. Severgnini, P. Maccacaro, T. Brunner, H. Carrera, F. J. Cocchia, F. Mateos, S. Page, M. J. Tedds, J. A., 2008, " The cosmological properties of AGN in the XMM-Newton Hard Bright Survey", *Astronomy & Astrophysics*, 119-U35, Observatories: **XMM-Newton (ESA); TNG (ORM)**
100. Demyk, K. Wlodarczak, G. Carvajal, M., 2008, " Detection of vibrationally excited methyl formate in W51 e2", *Astronomy & Astrophysics*, 589-600, Observatories: **IRAM30m**
101. Devor, Jonathan Charbonneau, David Torres, Guillermo Blake, Cullen H. White, Russel J. Rabus, Markus O'Donovan, Francis T. Mandushev, Georgi Bakos, Gaspar A. Furesz, Gabor Szentgyorgyi, Andrew, 2008, " T-Lyr1-17236: A LONG-PERIOD LOW-MASS ECLIPSING BINARY", *Astrophysical Journal*, 1253-1263, Observatories: **IAC-80 (no lo citan en los agradecimientos) (OT)**
102. Diaz-Santos, Tanio Alonso-Herrero, Almudena Colina, Luis Packham, Christopher Radomski, James T. Telesco, Charles M., 2008, " Understanding the 8 μ m versus Pa α relationship on subarcsecond scales in luminous infrared galaxies", *Astrophysical Journal*, 211-224, Observatories: **Hubble (ESA)**
103. Dicaire, I. Carignan, C. Amram, P. Hernandez, O. Chemin, L. Daigle, O. De Denus-Baillargeon, M. -M. Balkowski, C. Boselli, A. Fathi, K. Kennicutt, R. C., 2008, " H alpha kinematics of the Spitzer infrared nearby galaxies survey - II", *Monthly Notices of the Royal Astronomical Society*, 553-605, Observatories: **La Silla: 3.6m**
104. Diego, J. M. Ascasibar, Y., 2008, " Looking for the Sunyaev-Zel'dovich effect in the Virgo cluster from WMAP and ROSAT data", *Monthly Notices of the Royal Astronomical Society*, 1805-1814, Observatories: **XMM-Newton? (ESA)**
105. Dillon, M. Gaensicke, B. T. Aungwerojwit, A. Rodriguez-Gil, P. Marsh, T. R. Barros, S. C. C. Szkody, P. Brady, S. Krajci, T. Oksanen, A., 2008, " Orbital periods of cataclysmic variables identified by the SDSS - III. Time-series photometry obtained during the 2004/5 International Time Project on La Palma", *Monthly Notices of the Royal Astronomical Society*, 1568-1578, Observatories: **WHT, TNG, NOT, INT, LT (ORM)**

106. Dobrincic, Martina Villaver, Eva Guerrero, Martin A. Manchado, Arturo, 2008, " Kinematical analysis of a sample of bipolar planetary nebulae", *Astronomical Journal*, 2199-2211, Observatories: **WHT, NOT (ORM)**
107. Docobo, J. A. Tamazian, V. S. Andrade, M. Ling, J. F. Balega, Y. Y. Lahulla, J. F. Maximov, A. A., 2008, " First results of the optical speckle interferometry with the 3.5 m telescope at Calar Alto (Spain): Measurements and orbits of visual binaries", *Astronomical Journal*, 1803-1809, Observatories: **CAHA3.5m**
108. Dominguez, S. Vargas Van der Voort, L. Rouppe Bonet, J. A. Pillet, V. Martinez Van Noort, M. Katsukawa, Y., 2008, " Moat flow in the vicinity of sunspots for various penumbral configurations", *Astrophysical Journal*, 900-909, Observatories: **SST (ORM)**
109. Drew, Janet E. Greimel, R. Irwin, M. J. Sale, S. E., 2008, " Early-A stars from IPHAS, and their distribution in and around the Cyg OB2 association", *Monthly Notices of the Royal Astronomical Society*, 1761-1773, Observatories: **INT (ORM)**
110. Duffard, R. Ortiz, J. L. Sanz, P. Santos Mora, A. Gutierrez, P. J. Morales, N. Guirado, D., 2008, " A study of photometric variations on the dwarf planet (136199) Eris", *Astronomy & Astrophysics*, 877-881, Observatories: **INT (ORM); CAHA2.2m**
111. Durant, M. van Kerkwijk, M. H., 2008, " A search for the optical counterpart to the magnetar CXOU J010043.1-721134", *Astrophysical Journal*, 1394-1397, Observatories: **Hubble (ESA)**
112. Durbala, A. del Olmo, A. Yun, M. S. Rosado, M. Sulentic, J. W. Plana, H. Iovino, A. Perea, J. Verdes-Montenegro, L. Fuentes-Carrera, I., 2008, " Seyfert's Sextet: A slowly dissolving Stephan's Quintet?", *Astronomical Journal*, 130-155, Observatories: **NOT/ALFOSC (ORM); CAHA2.2m; Hubble (ESA)**
113. Eckart, A. Baganoff, F. K. Zamaninasab, M. Morris, M. R. Schodel, R. Meyer, L. Muzic, K. Bautz, M. W. Brandt, W. N. Garmire, G. P. Ricker, G. R. Kunneriath, D. Straubmeier, C. Duschl, W. Dovciak, M. Karas, V. Markoff, S. Najarro, F. Mauerhan, J. Moutaka, J. Zensus, A., 2008, " Polarized NIR and X-ray flares from Sagittarius A*", *Astronomy & Astrophysics*, 625-639, Observatories: **Paranal: VLT**
114. Eckart, A. Schoedel, R. Garcia-Marin, M. Witzel, G. Weiss, A. Baganoff, F. K. Morris, M. R. Bertram, T. Dovciak, M. Duschl, W. J. Karas, V. Koenig, S. Krichbaum, T. P. Krips, M. Kunneriath, D. Lu, R. -S. Markoff, S. Mauerhan, J. Meyer, L. Moutaka, J. Muzic, K. Najarro, F. Pott, J. -U. Schuster, K. F. Sjouerman, L. O. Straubmeier, C. Thum, C. Vogel, S. N. Wiesemeyer, H. Zamaninasab, M. Zensus, J. A., 2008, " Simultaneous NIR/sub-mm observation of flare emission from Sagittarius A*",

Astronomy & Astrophysics, 337-344, Observatories: **Paranal: VLT;**
APEX

115. Eff-Darwich, A. Korzennik, S. G. Jimenez-Reyes, S. J. Garcia, R. A., 2008, " Analysis of the sensitivity of solar rotation to helioseismic data from GONG, GOLF, and MDI observations", *Astrophysical Journal*, 1636-1643, Observatories: **SoHO (ESA)**
116. Elias-Rosa, N. Benetti, S. Turatto, M. Cappellaro, E. Valenti, S. Arkharov, A. A. Beckman, J. E. Di Paola, A. Dolci, M. Filippenko, A. V. Foley, R. J. Krisciunas, K. Larionov, V. M. Li, W. Meikle, W. P. S. Pastorello, A. Valentini, G. Hillebrandt, W., 2008, " SN 2002cv: a heavily obscured Type Ia supernova", *Monthly Notices of the Royal Astronomical Society*, 107-122, Observatories: **INT, JKT (ORM); La Silla: NTT**
117. Erwin, Peter Pohlen, Michael Beckman, John E., 2008, " The outer disks of early-type galaxies. I. Surface-brightness profiles of barred galaxies", *Astronomical Journal*, 20-54, Observatories: **INT, JKT, NOT (ORM)**
118. Esquej, P. Saxton, R. D. Komossa, S. Read, A. M. Freyberg, M. J. Hasinger, G. Garcia-Hernandez, D. A. Lu, H. Zaurin, J. R. Sanchez-Portal, M. Zhou, H., 2008, " Evolution of tidal disruption candidates discovered by XMM-Newton", *Astronomy & Astrophysics*, 543-554, Observatories: **XMM-Newton (ESA); NOT, INT (ORM)**
119. Falanga, M. Chenevez, J. Cumming, A. Kuulkers, E. Trap, G. Goldwurm, A., 2008, " Intermediate long X-ray bursts from the ultra-compact binary candidate SLX 1737-282", *Astronomy & Astrophysics*, 43-50, Observatories: **INTEGRAL (ESA)**
120. Falgarone, E. Troland, T. H. Crutcher, R. M. Paubert, G., 2008, " CN Zeeman measurements in star formation regions", *Astronomy & Astrophysics*, 247-252, Observatories: **IRAM-30m**
121. Fathi, Kambiz Beckman, John E. Lundgren, Andreas A. Carignan, Claude Hernandez, Olivier Amram, Philippe Balard, Philippe Boulesteix, Jacques Gach, Jean-Luc Knapen, Johan H. Relano, Monica, 2008, " Spiral inflow feeding the nuclear starburst in M83, observed in H alpha emission with the GH Alpha FaS Fabry-Perot interferometer", *Astrophysical Journal Letters*, L17-L20, Observatories: **WHT (ORM)**
122. Foellmi, C. Koenigsberger, G. Georgiev, L. Toledano, O. Marchenko, S. V. Massey, P. Dall, T. H. Moffat, A. F. J. Morrell, N. Corcoran, M. Kaufer, A. Naze, Y. Pittard, J. St-Louis, N. Fullerton, A. Massa, D. Pollock, A. M. T., 2008, " New insights into the nature of the SMC WR/LBV binary HD 5980", *Revista Mexicana De Astronomia Y Astrofisica*, 3-27, Observatories: **La Silla: NTT, Danish, MPI**
123. Forbrich, J. Wiesemeyer, H. Thum, C. Belloche, A. Menten, K. M., 2008, " Observations of the Goldreich-Kylafis effect in star-forming regions with

XPOL at the IRAM 30 m telescope", *Astronomy & Astrophysics*, 757-766, Observatories: **IRAM30m**

124. Fors, O. Richichi, A. Otazu, X. Nunez, J., 2008, " A new wavelet-based approach for the automated treatment of large sets of lunar occultation data *Astronomy & Astrophysics* 297-304, Observatories: **CAHA-?**
125. Foster, Jonathan B. Roman-Zuniga, Carlos G. Goodman, Alyssa A. Lada, Elizabeth A. Alves, Joao, 2008, " Hunting galaxies to (and for) extinction", *Astrophysical Journal*, 831-845, Observatories: **CAHA3.5m**
126. Frieman, Joshua A. Bassett, Bruce Becker, Andrew Choi, Changsu Cinabro, David DeJongh, Fritz Depoy, Darren L. Dilday, Ben Doi, Mamoru Garnavich, Peter M. Hogan, Craig J. Holtzman, Jon Im, Myungshin Jha, Saurabh Kessler, Richard Konishi, Kohki Lampeitl, Hubert Marriner, John Marshall, Jennifer L. McGinnis, David Miknaitis, Gajus Nichol, Robert C. Prieto, Jose Luis Riess, Adam G. Richmond, Michael W. Romani, Roger Sako, Masao Schneider, Donald P. Smith, Mathew Takanashi, Naohiro Tokita, Koutchi van der Heyden, Kurt Yasuda, Naoki Zheng, Chen Adelman-McCarthy, Jennifer Annis, James Assef, Roberto J. Barentine, John Bender, Ralf Blandford, Roger D. Boroski, William N. Bremer, Malcolm Brewington, Howard Collins, Chris A. Crotts, Arlin Dembicky, Jack Eastman, Jason Edge, Alastair Edmondson, Edmond Elson, Edward Eyler, Michael E. Filippenko, Alexei V. Foley, Ryan J. Frank, Stephan Goobar, Ariel Gueth, Tina Gunn, James E. Harvanek, Michael Hopp, Ulrich Ihara, Yutaka Ivezic, Zelko Kahn, Steven Kaplan, Jared Kent, Stephen Ketzeback, William Kleman, Scott J. Kollatschny, Wolfram Kron, Richard G. Krzesinski, Jurek Lamenti, Dennis Leloudas, Giorgos Lin, Huan Long, Daniel C. Lucey, John Lupton, Robert H. Malanushenko, Elena Malanushenko, Viktor McMillan, Russet J. Mendez, Javier Morgan, Christopher W. Morokuma, Tomoki Nitta, Atsuko Ostman, Linda Pan, Kaike Rockosi, Constance M. Romer, A. Kathy Ruiz-Lapuente, Pilar Saurage, Gabrelle Schlesinger, Katie Snedden, Stephanie A. Sollerman, Jesper Stoughton, Chris Stritzinger, Maximilian SubbaRao, Mark Tucker, Douglas Vaisanen, Petri Watson, Linda C. Watters, Shannon Wheeler, J. Craig Yanny, Brian York, Donald, 2008, " The Sloan Digital Sky Survey-II Supernova Survey: Technical summary", *Astronomical Journal*, 338-347, Observatories: **La Silla: NTT; WHT, NOT (ORM)**
127. Fu, J. N. Khokhuntod, P. Rodriguez, E. Boonyarak, C. Marak, K. Lopez-Gonzalez, M. J. Zhu, L. Y. Qian, S. B. Jiang, S. Y., 2008, " Detection of a degenerate companion of the SX phoenixis star KZ Hydrae by studying its long-term variability", *Astronomical Journal*, 1958-1967, Observatories: **La Silla**
128. Fuensalida, J. J. Garcia-Lorenzo, B. Hoegemann, C., 2008, " Correction of the dome seeing contribution from generalized-SCIDAR data using evenness properties with Fourier analysis", *Monthly Notices of the Royal Astronomical Society*, 731-740, Observatories: **Paranal: VLTi; JKT (ORM)**

129. Fuente, A., 2008, " High angular resolution imaging of the circumstellar material around intermediate mass (IM) stars", *Astrophysics and Space Science*, 135-139, Observatories: **IRAM-PdBI**
130. Fuente, A. Garcia-Burillo, S. Usero, A. Gerin, M. Neri, R. Faure, A. Le Bourlot, J. Gonzalez-Garcia, M. Rizzo, J. R. Alonso-Albi, T. Tennyson, J., 2008, " On the chemistry and distribution of HOC⁺ in M 82 More evidence for extensive PDRs", *Astronomy & Astrophysics*, 675-684, Observatories: : **IRAM30m**
131. Fuhrmann, K., 2008, " Nearby stars of the Galactic disc and halo - IV *Monthly Notices of the Royal Astronomical Society*, 173-224, Observatories: **CAHA-?**
132. Fuhrmann, K.; Bernkopf, J., 2008, " On the thick-disc exoplanet host subgiant HD 155358, *Monthly Notices of the Royal Astronomical Society* 1563-1566, Observatories: **CAHA-?**
133. Fuhrmann, L. Krichbaum, T. P. Witzel, A. Kraus, A. Britzen, S. Bernhart, S. Impellizzeri, C. M. V. Agudo, I. Klare, J. Sohn, B. W. Angelakis, E. Bach, U. Gabanyi, K. E. Koerding, E. Pagels, A. Zensus, J. A. Wagner, S. J. Ostorero, L. Ungerechts, H. Grewing, M. Tornikoski, M. Apponi, A. J. Vila-Vilaro, B. Ziurys, L. M. Strom, R. G., 2008, " Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71 III. Rapid and correlated flux density variability from radio to sub-mm bands", *Astronomy & Astrophysics*, 1019-1037, Observatories: **IRAM30m**
134. Furuya, R. S. Cesaroni, R. Takahashi, S. Codella, C. Momose, M. Beltran, M. T., 2008, " Candidate rotating toroids around high-mass (proto) stars", *Astrophysical Journal*, 363-381, Observatories: **IRAM-PdBI**
135. Gandhi, P. Makishima, K. Durant, M. Fabian, A. C. Dhillon, V. S. Marsh, T. R. Miller, J. M. Shahbaz, T. Spruit, H. C., 2008, " Rapid optical and X-ray timing observations of GX 339-4: flux correlations at the onset of a low/hard state", *Monthly Notices of the Royal Astronomical Society*, L29-L33, Observatories: **Paranal: VLT**
136. Garcia-Burillo, S. Combes, F. Gracia-Carpio, J. Usero, A. Guelin, M., 2008, " Probing the feeding and feedback of activity near and far", *Astrophysics and Space Science*, 261-265, Observatories: **IRAM-PdBI**
137. Garcia-Lorenzo, Begona Cairos, Luz M. Caon, Nicola Monreal-Ibero, Ana Kehrig, Carolina, 2008, " Integral field spectroscopy of blue compact dwarf galaxies", *Astrophysical Journal*, 201-218, Observatories: **WHT (ORM)**
138. Gaulme, P. Schmider, F. X. Gay, J. Jacob, C. Alvarez, M. Reyes-Ruiz, M. Belmonte, J. A. Fossat, E. Jeanneaux, F. Valtier, J. -C., 2008, " SYMPA, a dedicated instrument for Jovian seismology II. Real performance and first results", *Astronomy & Astrophysics*, 859-871, Observatories: **CST (OT)**

139. Genova-Santos, Ricardo Alberto Rubino-Martin, Jose Rebolo, Rafael Battye, Richard A. Blanco, Francisco Davies, Rod D. Davis, Richard J. Franzen, Thomas Grainge, Keith Hobson, Michael P. Lasenby, Anthony Padilla-Torres, Carmen P. Pooley, Guy G. Saunders, Richard D. E. Scaife, Anna Scott, Paul F. Titterton, David Tucci, Marco Watson, Robert A., 2008, " Observations of the Corona Borealis supercluster with the superextended Very Small Array: further constraints on the nature of the non-Gaussian cosmic microwave background cold spot", *Monthly Notices of the Royal Astronomical Society*, 1127-1136, Observatories: **VSA (OT)**
140. Gibson, N. P. Pollacco, D. Simpson, E. K. Joshi, Y. C. Todd, I. Benn, C. Christian, D. Hrudkova, M. Keenan, F. P. Meaburn, J. Skillen, I. Steele, I. A., 2008, " Updated parameters for the transiting exoplanet WASP-3b using RISE, a new fast camera for the Liverpool Telescope", *Astronomy & Astrophysics*, 603-607, Observatories: **LT (ORM)**
141. Gies, D. R. Bolton, C. T. Blake, R. M. Caballero-Nieves, S. M. Crenshaw, D. M. Hadrava, P. Herrero, A. Hillwig, T. C. Howell, S. B. Huang, W. Kaper, L. Koubsky, P. McSwain, M. V., 2008, " Stellar wind variations during the X-ray high and low states of Cygnus X-1", *Astrophysical Journal*, 1237-1247, Observatories: **Hubble (ESA)**
142. Girardi, M. Barrena, R. Boschin, W. Ellingson, E., 2008, " Cluster Abell 520: a perspective based on member galaxies A cluster forming at the crossing of three filaments?", *Astronomy & Astrophysics*, 379-395, Observatories: **INT (ORM)**
143. Goicoechea, Javier R. Berne, Olivier Gerin, Maryvonne Joblin, Christine Teyssier, David, 2008, " Star formation near photodissociation regions: Detection of a peculiar protostar near Cederblad 201", *Astrophysical Journal*, 466-473, Observatories: **IRAM30m**
144. Goicoechea, L. J. Shalyapin, V. N. Gil-Merino, R. Ullan, A., 2008, " Structure function of the UV variability of Q0957+561", *Astronomy & Astrophysics*, 411-417, Observatories: **LT (ORM)**
145. Goicoechea, L. J. Shalyapin, V. N. Koptelova, E. Gil-Merino, R. Zheleznyak, A. P. Ullan, A., 2008, " First robotic monitoring of a lensed quasar: Intrinsic variability of SBS 0909+532", *New Astronomy*, 182-193, Observatories: **LT (ORM)**
146. Goldman, B. Bouy, H. Osorio, M. R. Zapatero Stumpf, M. B. Brandner, W. Henning, T., 2008, " Binarity at the L/T brown dwarf transition Adaptive optics search for companions", *Astronomy & Astrophysics*, 763-768, Observatories: **Paranal: VLT**
147. Goldman, B. Cushing, M. C. Marley, M. S. Artigau, E. Baliyan, K. S. Bejar, V. J. S. Caballero, J. A. Chanover, N. Connelley, M. Doyon, R. Forveille, T. Ganesh, S. Gelino, C. R. Hammel, H. B. Holtzman, J. Joshi, S. Joshi, U. C.

- Leggett, S. K. Liu, M. C. Martin, E. L. Mohan, V. Nadeau, D. Sagar, R. Stephens, D., 2008, " CLOUDS search for variability in brown dwarf atmospheres - Infrared spectroscopic time series of L/T transition brown dwarfs", *Astronomy & Astrophysics*, 277-292, Observatories: **Paranal: VLT**
148. Gomboc, A. Kobayashi, S. Guidorzi, C. Melandri, A. Mangano, V. Sbarufatti, B. Mundell, C. G. Schady, P. Smith, R. J. Updike, A. C. Kann, D. A. Misra, K. Rol, E. Pozanenko, A. Castro-Tirado, A. J. Anupama, G. C. Bersier, D. Bode, M. F. Carter, D. Curran, P. Fruchter, A. Graham, J. Hartmann, D. H. Ibrahimov, M. Levan, A. Monfardini, A. Mottram, C. J. O'Brien, P. T. Prema, P. Sahu, D. K. Steele, I. A. Tanvir, N. R. Wiersema, K., 2008, " MULTIWAVELENGTH ANALYSIS OF THE INTRIGUING GRB 061126: THE REVERSE SHOCK SCENARIO AND MAGNETIZATION", *Astrophysical Journal*, 443-455, Observatories: **LT, INT (ORM)**
149. Gonzalez, M. J. Martinez Collados, M. Cobo, B. Ruiz Beck, C., 2008, " Internetwork magnetic field distribution from simultaneous 1.56 μ m and 630 nm observations", *Astronomy & Astrophysics*, 953-965, Observatories: **VTT (OT)**
150. Gonzalez, M. J. Martinez Ramos, A. Asensio Ariste, A. Lopez Sainz, R. Manso, 2008, " Near-IR internetwork spectro-polarimetry at different heliocentric angles", *Astronomy & Astrophysics*, 229-234, Observatories: **VTT (OT)**
151. Gonzalez-Alfonso, Eduardo Smith, Howard A. Ashby, Matthew L. N. Fischer, Jacqueline Spinoglio, Luigi Grundy, Timothy W., 2008, " High-excitation oh and H₂O lines in Markarian 231: The molecular signatures of compact far-infrared continuum sources", *Astrophysical Journal*, 303-315, Observatories: **ISO (ESA)**
152. Gonzalez-Fernandez, C. Cabrera-Lavers, A. Hammersley, P. L. Garzon, F., 2008, " Metallicity distribution of red giants in the Inner Galaxy from near infrared spectra", *Astronomy & Astrophysics*, 131-140, Observatories: **TNG (ORM)**
153. Gonzalez Hernandez, J. I. Caballero, J. A. Rebolo, R. Bejar, V. J. S. Barrado y Navascues, D. Martin, E. L. Zapatero Osorio, M. R., 2008, " Chemical abundances of late-type pre-main sequence stars in the sigma Orionis cluster", *Astronomy & Astrophysics*, 1135-1142, Observatories: **WHT(ORM)**
154. Gonzalez-Riestra, R. Viotti, R. F. Iijima, T. Rossi, C. Montagni, F. Bernabei, S. Frasca, A. Skopal, A., 2008, " AG Draconis observed with XMM-Newton", *Astronomy & Astrophysics*, 725-734, Observatories: **XMM-Newton (ESA)**

155. Gonzalez-Solares, E. A. Walton, N. A. Greimel, R. Drew, J. E. Irwin, M. J. Sale, S. E. Andrews, K. Aungwerojwit, A. Barlow, M. J. van den Besselaar, E. Corradi, R. L. M. Gansicke, B. T. Groot, P. J. Hales, A. S. Hopewell, E. C. Hu, H. Irwin, J. Knigge, C. Lagadec, E. Leisy, P. Lewis, J. R. Mampaso, A. Matsuura, M. Moont, B. Morales-Rueda, L. Morris, R. A. H. Naylor, T. Parker, Q. A. Prema, P. Pyrzas, S. Rixon, G. T. Rodriguez-Gil, P. Roelofs, G. Sabin, L. Skillen, I. Suso, J. Tata, R. Viironen, K. Vink, J. S. Witham, A. Wright, N. J. Zijlstra, A. A. Zurita, A. Drake, J. Fabregat, J. Lennon, D. J. Lucas, P. W. Martin, E. L. Phillipps, S. Steeghs, D. Unruh, Y. C., 2008, " Initial data release from the INT Photometric H alpha Survey of the Northern Galactic Plane (IPHAS)", *Monthly Notices of the Royal Astronomical Society*, 89-104, Observatories: **INT (ORM)**
156. Gracia-Carpio, J. Garcia-Burillo, S. Planesas, P. Fuente, A. Usero, A., 2008, " Evidence of enhanced star formation efficiency in luminous and ultraluminous infrared galaxies", *Astronomy & Astrophysics*, 703-717, Observatories: **IRAM30m**
157. Guelin, M. Brouillet, N. Cernicharo, J. Combes, F. Wooten, A., 2008, " Unveiling the chemistry of hot protostellar cores with ALMA", *Astrophysics and Space Science*, 45-51, Observatories: **IRAM30m; IRAM-PdBI**
158. Guerrero, Martin A. Miranda, Luis F. Riera, Angels Velazquez, Pablo F. Olgun, Lorenzo Vazquez, Roberto Chu, You-Hua Raga, Alejandro Benitez, G., 2008, " Multiple and precessing collimated outflows in the planetary nebula IC 4634", *Astrophysical Journal*, 272-286, Observatories: **NOT (ORM)**
159. Hafez, Yaser A. Davies, Rod D. Davis, Richard J. Dickinson, Clive Battistelli, Elia S. Blanco, Francisco Cleary, Kieran Franzen, Thomas Genova-Santos, Ricardo Grainge, Keith Hobson, Michael P. Jones, Michael E. Lancaster, Katy Lasenby, Anthony N. Padilla-Torres, Carmen P. Rubino-Martin, Jose Alberto Rebolo, Rafael Saunders, Richard D. E. Scott, Paul F. Taylor, Angela C. Titterington, David Tucci, Marco Watson, Robert A., 2008, " Radio source calibration for the Very Small Array and other cosmic microwave background instruments at around 30 GHz", *Monthly Notices of the Royal Astronomical Society*, 1775-1786, Observatories: **VSA (OT)**
160. Haegele, Guillermo F. Diaz, Angeles I. Terlevich, Elena Terlevich, Roberto Perez-Montero, Enrique Cardaci, Monica V., 2008, " Precision abundance analysis of bright HII galaxies", *Monthly Notices of the Royal Astronomical Society*, 209-229, Observatories: **CAHA3.5m**
161. Harrison, Richard A. Davis, Christopher J. Eyles, Christopher J. Bewsher, Danielle Crothers, Steve R. Davies, Jackie A. Howard, Russell A. Moses, Daniel J. Socker, Dennis G. Newmark, Jeffrey S. Halain, Jean-Philippe Defise, Jean-Marc Mazy, Emmanuel Rochus, Pierre Webb, David F. Simnett, George M., 2008, " First imaging of coronal mass ejections in the

- heliosphere viewed from outside the Sun-Earth line", *Solar Physics*, 171-193, Observatories: **SoHO (ESA)**
162. Hendry, M. A. Smartt, S. J. Skillman, E. D. Evans, C. J. Trundle, C. Lennon, D. J. Crowther, P. A. Hunter, I., 2008, " The blue supergiant Sher 25 and its intriguing hourglass nebula", *Monthly Notices of the Royal Astronomical Society*, 1127-1142, Observatories: **La Silla: NTT, MPG**
163. Hernandez, J. I. Gonzalez Rebolo, R. Israelian, G., 2008, " The black hole binary nova Scorpii 1994 (GRO J1655-40): an improved chemical analysis", *Astronomy & Astrophysics*, 203-217, Observatories: **Paranal: VLT**
164. Hernandez, O. Fathi, K. Carignan, C. Beckman, J. Gach, J. -L. Balard, P. Amram, P. Boulesteix, J. Corradi, R. L. M. de Denu-Baillargeon, M-M. Epinat, B. Relano, M. Thibault, S. Vallee, P., 2008, " GH alpha FaS: Galaxy H alpha Fabry-Perot system for the William Herschel Telescope", *Publications of the Astronomical Society of the Pacific*, 665-680, Observatories: **WHT (instrumentación?, no observaciones?) (ORM)**
165. Heymans, Catherine Gray, Meghan E. Peng, Chien Y. Van Waerbeke, Ludovic Bell, Eric F. Wolf, Christian Bacon, David Balogh, Michael Barazza, Fabio D. Barden, Marco Boehm, Asmus Caldwell, John A. R. Haeussler, Boris Jahnke, Knud Jogee, Shardha van Kampen, Eelco Lane, Kyle McIntosh, Daniel H. Meisenheimer, Klaus Mellier, Yannick Sanchez, Sebastian F. Taylor, Andy N. Wisotzki, Lutz Zheng, Xianzhong, 2008, " The dark matter environment of the Abell 901/902 supercluster: a weak lensing analysis of the HST STAGES survey", *Monthly Notices of the Royal Astronomical Society*, 1431-1442, Observatories: **Hubble (ESA)**
166. Hildebrandt, H. Wolf, C. Benitez, N., 2008, " A blind test of photometric redshifts on ground-based data", *Astronomy & Astrophysics*, 703-714, Observatories: **La Silla: 2.2m, NTT; Paranal: VLT**
167. Hoenig, S. F. Prieto, M. A. Beckert, T., 2008, " High-spatial resolution SED of NGC 1068 from near-IR to radio - Disentangling the thermal and non-thermal contributions", *Astronomy & Astrophysics*, 33-39, Observatories: **Paranal: VLT**
168. Huelamo, N. Figueira, P. Bonfils, X. Santos, N. C. Pepe, F. Gillon, M. Azevedo, R. Barman, T. Fernandez, M. di Folco, E. Guenther, E. W. Lovis, C. Melo, C. H. F. Queloz, D. Udry, S., 2008, " TW Hydrae: evidence of stellar spots instead of a Hot Jupiter", *Astronomy & Astrophysics*, L9-L13, Observatories: **Paranal: VLT**
169. Humphrey, A. Villar-Martin, M. Sanchez, S. F. Alighieri, S. di Serego De Breuck, C. Binette, L. Tadhunter, C. Vernet, J. Fosbury, R. Stasielak, J., 2008, " Spatially extended absorption around the $z=2.63$ radio galaxy MRC 2025-218: outflow or infall ?", *Monthly Notices of the Royal Astronomical Society*, 1505-1516, Observatories: **Paranal: VLT**

170. Humphrey, A. Villar-Martin, M. Vernet, J. Fosbury, R. Alighieri, S. di Serego Binette, L., 2008, " Deep spectroscopy of the FUV-optical emission lines from a sample of radio galaxies at z similar to 2.5: metallicity and ionization", *Monthly Notices of the Royal Astronomical Society*, 11-40, Observatories: **Paranal:VLT**
171. Hunt, L. K. Combes, F. Garcia-Burillo, S. Schinnerer, E. Krips, M. Baker, A. J. Boone, F. Eckart, A. Leon, S. Neri, R. Tacconi, L. J., 2008, " Molecular Gas in NUclei of GALaxies (NUGA) - IX. The decoupled bars and gas inflow in NGC 2782", *Astronomy & Astrophysics*, 133-150, Observatories: **IRAM-PdBI**
172. Hunter, I. Brott, I. Lennon, D. J. Langer, N. Dufton, P. L. Trundle, C. Smartt, S. J. de Koter, A. Evans, C. J. Ryans, R. S. I., 2008, " The VLT flames survey of massive stars: Rotation and nitrogen enrichment as the key to understanding massive star evolution", *Astrophysical Journal Letters*, L29-L32, Observatories: **Paranal:VLT**
173. Hunter, I. Lennon, D. J. Dufton, P. L. Trundle, C. Simon-Diaz, S. Smartt, S. J. Ryans, R. S. I. Evans, C. J., 2008, " The VLT-FLAMES survey of massive stars: atmospheric parameters and rotational velocity distributions for B-type stars in the Magellanic Clouds", *Astronomy & Astrophysics*, 541-U98, Observatories: **Paranal:VLT**
174. Husemann, B. Wisotzki, L. Sanchez, S. F. Jahnke, K., 2008, " Extended emission-line regions in low-redshift quasars - Dependence on nuclear spectral properties", *Astronomy & Astrophysics*, 145-149, Observatories: **CAHA3.5m**
175. Huynh, Minh T. Jackson, Carole A. Norris, Ray P. Fernandez-Soto, Alberto, 2008, " Radio observations of the hubble deep field-south region. IV. Optical properties of the faint radio population", *Astronomical Journal*, 2470-2495, Observatories: **Hubble (ESA); Paranal:VLT**
176. Iglesias-Groth, S. Manchado, A. Garcia-Hernandez, D. A. Hernandez, J. I. Gonzalez Lambert, D. L., 2008, " EVIDENCE FOR THE NAPHTHALENE CATION IN A REGION OF THE INTERSTELLAR MEDIUM WITH ANOMALOUS MICROWAVE EMISSION", *Astrophysical Journal Letters*, L55-L58, Observatories: **TNG, WHT (ORM)**
177. Inada, Naohisa Oguri, Masamune Becker, Robert H. Shin, Min-Su Richards, Gordon T. Hennawi, Joseph F. White, Richard L. Pindor, Bartosz Strauss, Michael A. Kochanek, Christopher S. Johnston, David E. Gregg, Michael D. Kayo, Issha Eisenstein, Daniel Hall, Patrick B. Castander, Francisco J. Clocchiatti, Alejandro Anderson, Scott F. Schneider, Donald P. York, Donald G. Lupton, Robert Chiu, Kuenley Kawano, Yozo Scranton, Ryan Frieman, Joshua A. Keeton, Charles R. Morokuma, Tomoki Rix, Hans-Walter Turner, Edwin L. Burles, Scott Brunner, Robert J. Sheldon, Erin Scott Bahcall, Neta A. Masataka, Fukugita, 2008, " The Sloan Digital Sky Survey Quasar Lens Search. II. Statistical lens sample from the third data

- release", *Astronomical Journal*, 496-511, Observatories: **Hubble (ESA); La Silla: NTT, 3.6m**
178. Inskip, K. J. Villar-Martin, M. Tadhunter, C. N. Morganti, R. Holt, J. Dicken, D., 2008, " PKS2250-41: a case study for triggering", *Monthly Notices of the Royal Astronomical Society*, 1797-1810, Observatories: **Paranal:VLT/ VIMOS/ FORS1; Hubble (ESA)**
179. James, P. A. Knapen, J. H. Shane, N. S. Baldry, I. K. de Jong, R. S., 2008, " The H alpha galaxy survey - IV. Star formation in the local universe", *Astronomy & Astrophysics*, 507-516, Observatories: **JKT (ORM)**
180. Jaunsen, A. O. Rol, E. Watson, D. J. Malesani, D. Fynbo, J. P. U. Milvang-Jensen, B. Hjorth, J. Vreeswijk, P. M. Ovaldsen, J. -E. Wiersema, K. Tanvir, N. R. Gorosabel, J. Levan, A. J. Schirmer, M. Castro-Tirado, A. J., 2008, " GRB 070306: A highly extinguished afterglow", *Astrophysical Journal*, 453-461, Observatories: **Paranal: VLT; WHT, NOT (ORM)**
181. Jimenez-Bailon, E. Krongold, Y. Bianchi, S. Matt, G. Santos-Lleo, M. Piconcelli, E. Schartel, N., 2008, " Detection of blueshifted emission and absorption and a relativistic iron line in the X-ray spectrum of ESO 323-G077", *Monthly Notices of the Royal Astronomical Society*, 1359-1368, Observatories: **XMM-Newton (ESA)**
182. Jurcak, J. Rubio, L. R. Bellot, 2008, " Penumbral models in the light of Hinode spectropolarimetric observations", *Astronomy & Astrophysics*, L17-L20, Observatories: **Hinode (ESA)**
183. Kane, S. R. Clarkson, W. I. West, R. G. Wilson, D. M. Christian, D. J. Cameron, A. Collier Enoch, B. Lister, T. A. Street, R. A. Evans, A. Fitzsimmons, A. Haswell, C. A. Hellier, C. Hodgkin, S. T. Horne, K. Irwin, J. Keenan, F. P. Norton, A. J. Osborne, J. Parley, N. R. Pollacco, D. L. Ryans, R. Skillen, I. Wheatley, P. J., 2008, " SuperWASP-N extrasolar planet candidates from fields $06(h) < RA < 16(h)$ ", *Monthly Notices of the Royal Astronomical Society*, 1097-1108, Observatories: **SuperWASP?? (ORM)**
184. Kankare, E. Mattila, S. Ryder, S. Perez-Torres, M. -A. Alberdi, A. Romero-Canizales, C. Diaz-Santos, T. Vaeisaenen, P. Efstathiou, A. Alonso-Herrero, A. Colina, L. Kotilainen, J., 2008, " DISCOVERY OF A VERY HIGHLY EXTINGUISHED SUPERNOVA IN A LUMINOUS INFRARED GALAXY", *Astrophysical Journal Letters*, L97-L100, Observatories: **Hubble (ESA)**
185. Kaufmann, M. Lehmann, C. Hoffmann, L. Funke, B. Lopez-Puertas, M. Von Savigny, C. Riese, M., 2008, " Chemical heating rates derived from SCIAMACHY vibrationally excited OH limb emission spectra", *Advances in Space Research*, 1914-1920, Observatories: **Envisat/SCIAMACHY (ESA)**

186. Kehrig, C. Vilchez, J. M. Sanchez, S. F. Telles, E. Perez-Montero, E. Martin-Gordon, D., 2008, " The interplay between ionized gas and massive stars in the HII galaxy IIZw70: integral field spectroscopy with PMAS", *Astronomy & Astrophysics*, 813-822, Observatories: **CAHA3.5m**
187. Knigge, Christian Dieball, Andrea Apellaniz, Jesus Maiz Long, Knox S. Zurek, David R. Shara, Michael M., 2008, " Stellar exotica in 47 Tucanae", *Astrophysical Journal*, 1006-1030, Observatories: **Hubble (ESA)**
188. Konstantopoulos, I. S. Bastian, N. Smith, L. J. Trancho, G. Westmoquette, M. S. Gallagher, J. S., III, 2008, " Gemini spectroscopy and HST imaging of the stellar cluster population in region B of M82", *Astrophysical Journal*, 846-856, Observatories: **Hubble (ESA)**
189. Kowalski, M. Rubin, D. Aldering, G. Agostinho, R. J. Amadon, A. Amanullah, R. Balland, C. Barbary, K. Blanc, G. Challis, P. J. Conley, A. Connolly, N. V. Covarrubias, R. Dawson, K. S. Deustua, S. E. Ellis, R. Fabbro, S. Fadeyev, V. Fan, X. Farris, B. Folatelli, G. Frye, B. L. Garavini, G. Gates, E. L. Germany, L. Goldhaber, G. Goldman, B. Goobar, A. Groom, D. E. Haissinski, J. Hardin, D. Hook, I. Kent, S. Kim, A. G. Knop, R. A. Lidman, C. Linder, E. V. Mendez, J. Meyers, J. Miller, G. J. Moniez, M. Mourao, A. M. Newberg, H. Nobili, S. Nugent, P. E. Pain, R. Perdureau, O. Perlmutter, S. Phillips, M. M. Prasad, V. Quimby, R. Regnault, N. Rich, J. Rubenstein, E. P. Ruiz-Lapuente, P. Santos, F. D. Schaefer, B. E. Schommer, R. A. Smith, R. C. Soderberg, A. M. Spadafora, A. L. Strolger, L. -G. Strovink, M. Suntzeff, N. B. Suzuki, N. Thomas, R. C. Walton, N. A. Wang, L. Wood-Vasey, W. M. Yun, J. L., 2008, " IMPROVED COSMOLOGICAL CONSTRAINTS FROM NEW, OLD, AND COMBINED SUPERNOVA DATA SETS", *Astrophysical Journal*, 749-778, Observatories: **INT, NOT (ORM)**
190. Kramer, C. Moreno, R. Greve, A., 2008, " Long-term observations of Uranus and Neptune at 90 GHz with the IRAM 30 m telescope - (1985-2005)", *Astronomy & Astrophysics*, 359-363, Observatories: **IRAM30m**
191. Kreykenbohm, I. Wilms, J. Kretschmar, P. Torrejon, J. M. Pottschmidt, K. Hanke, M. Santangelo, A. Ferrigno, C. Staubert, R., 2008, " High variability in Vela X-1: giant flares and off states", *Astronomy & Astrophysics*, 511-525, Observatories: **INTEGRAL (ESA)**
192. Krips, M. Neri, R. Garcia-Burillo, S. Martin, S. Combes, F. Gracia-Carpio, J. Eckart, A., 2008, " A multi-transition HCN and HCO+ study of 12 nearby active galaxies: Active galactic nucleus versus starburst environments", *Astrophysical Journal*, 262-275, Observatories: **IRAM30m**
193. Krumpe, M. Lamer, G. Corral, A. Schwobe, A. D. Carrera, F. J. Barcons, X. Page, M. Mateos, S. Tedds, J. A. Watson, M. G., 2008, " X-ray absorption in distant type II QSOs", *Astronomy & Astrophysics*, 415-U23, Observatories: **XMM-Newton (ESA)**

194. Labiano, A. O'Dea, C. P. Barthel, P. D. de Vries, W. H. Baum, S. A., 2008, "Star formation in the hosts of GHz peaked spectrum and compact steep spectrum radio galaxies", *Astronomy & Astrophysics*, 491-501, Observatories: **Hubble (ESA)**
195. Larionov, V. M. Jorstad, S. G. Marscher, A. P. Raiteri, C. M. Villata, M. Agudo, I. Aller, M. F. Arkharov, A. A. Asfandiyarov, I. M. Bach, U. Bachev, R. Berdyugin, A. Boettcher, M. Buemi, C. S. Calcidese, P. Carosati, D. Charlot, P. Chen, W. -P. Di Paola, A. Dolci, M. Dogru, S. Doroshenko, V. T. Efimov, Yu. S. Erdem, A. Frasca, A. Fuhrmann, L. Giommi, P. Glowienka, L. Gupta, A. C. Gurwell, M. A. Hagen-Thorn, V. A. Hsiao, W. -S. Ibrahimov, M. A. Jordan, B. Kamada, M. Konstantinova, T. S. Kopatskaya, E. N. Kovalev, Y. Y. Kovalev, Y. A. Kurtanidze, O. M. Lahteenmaki, A. Lanteri, L. Larionova, L. V. Leto, P. Le Campion, P. Lee, C. -U. Lindfors, E. Marilli, E. McHardy, I. Mingaliev, M. G. Nazarov, S. V. Nieppola, E. Nilsson, K. Ohlert, J. Pasanen, M. Porter, D. Pursimo, T. Ros, J. A. Sadakane, K. Sadun, A. C. Sergeev, S. G. Smith, N. Strigachev, A. Sumitomo, N. Takalo, L. O. Tanaka, K. Trigilio, C. Umana, G. Ungerechts, H. Volvach, A. Yuan, W., 2008, "Results of WEBT, VLBA and RXTE monitoring of 3C 279 during 2006-2007", *Astronomy & Astrophysics*, 389-400, Observatories: **IRAM30m; NOT, LT, KVA (ORM)**
196. Lawton, B., C. W. Churchill, et al. (2008). "Limits on reddening and gas-to-dust ratios for seven intermediate redshift damped Ly alpha absorbers from diffuse interstellar bands." *Astronomical Journal* **136(3): 994-1012**.
Observatories: **Paranal: VLT/UVES/FORS2; WHT/ISIS (ORM)**
197. Lebreton, Y. Monteiro, M. J. P. F. G. Montalban, J. Moya, A. Baglin, A. Christensen-Dalsgaard, J. Goupil, M. -J. Michel, E. Provost, J. Roxburgh, I. W. Scudlare, R., 2008, "The CoRoT evolution and seismic tools activity - Goals and tasks", *Astrophysics and Space Science*, 1-12, Observatories: **CoRoT (observaciones?) (ESA)**
198. Lefebvre, S. Garcia, R. A. Jimenez-Reyes, S. J. Turck-Chieze, S. Mathur, S., 2008, "Variations of the solar granulation motions with height using the GOLF/SoHO experiment", *Astronomy & Astrophysics*, 1143-1149, Observatories: **SoHO/GOLF (ESA)**
199. Lefloch, B. Cernicharo, J. Pardo, J. R., 2008, "Star formation in the Trifid Nebula - Cores and filaments", *Astronomy & Astrophysics*, 157-U134, Observatories: **IRAM30m; ISO (ESA)**
200. Lerate, M. R. Yates, J. Viti, S. Barlow, M. J. Swinyard, B. M. White, G. J. Cernicharo, J. Goicoechea, J. R., 2008, "Physical parameters for Orion KL from modelling its ISO high-resolution far-IR CO line spectrum", *Monthly Notices of the Royal Astronomical Society*, 1660-1668, Observatories: **ISO (ESA)**
201. Levan, A. J. Tanvir, N. R. Jakobsson, P. Chapman, R. Hjorth, J. Priddey, R. S. Fynbo, J. P. U. Hurley, K. Jensen, B. L. Johnson, R. Gorosabel, J. Castro-Tirado, A. J. Jarvis, M. Watson, D. Wiersema, K., 2008, "On the nature of

- the short-duration GRB 050906", *Monthly Notices of the Royal Astronomical Society*, 541-547, Observatories: **Paranal: VLT/FORS1/FORS2/ISAAC**)
202. Licandro, J. Alvarez-Candal, A. De Leon, J. Pinilla-Alonso, N. Lazzaro, D. Campins, H., 2008, " Spectral properties of asteroids in cometary orbits", *Astronomy & Astrophysics*, 861-877, Observatories: **NOT, TNG, WHT (ORM)**
203. Lindt-Krieg, E. Eckart, A. Neri, R. Krips, M. Pott, J. -U. Garcia-Burillo, S. Combes, F., 2008, " Molecular gas in NUClei of GALaxies (NUGA) - VIII. The Seyfert 2 NGC 6574", *Astronomy & Astrophysics*, 377-388, Observatories: **IRAM-PdBI**
204. Liseau, R. Risacher, C. Brandeker, A. Eiroa, C. Fridlund, M. Nilsson, R. Olofsson, G. Pilbratt, G. L. Thebault, P., 2008, " q(1) Eridani: a solar-type star with a planet and a dust belt", *Astronomy & Astrophysics*, L47-L50, Observatories: **APEX**
205. Lisenfeld, U. Mundell, C. G. Schinnerer, E. Appleton, P. N. Allsopp, J., 2008, " Molecular gas and dust in Arp 94: The formation of a recycled galaxy in an interacting system", *Astrophysical Journal*, 181-193, Observatories: **CAHA 2.2m/CAFOS**
206. Longinotti, A. L. Nucita, A. Santos-Lleo, M. Guainazzi, M., 2008, " The Seyfert 1 Galaxy Mrk 335 at a very low flux state: mapping the soft X-ray photoionised gas", *Astronomy & Astrophysics*, 311-315, Observatories: **XMM-Newton**
207. Lopez, R. Garcia-Lorenzo, B. Sanchez, S. F. Gomez, G. Estalella, R. Riera, A., 2008, " Integral field spectroscopy of HH 262: the spectral atlas", *Monthly Notices of the Royal Astronomical Society*, 1107-1116, Observatories: **CAHA 3.5m**
208. Lopez, R. Sanchez, S. F. Garcia-Lorenzo, B. Gomez, G. Estalella, R. Riera, A. Busquet, G., 2008, " The nature of HHL 73 from optical imaging and integral field spectroscopy", *Monthly Notices of the Royal Astronomical Society*, 464-476, Observatories: **CAHA 3.5m; NOT, INT (ORM)**
209. Lopez-Sanchez, A. R. Esteban, C., 2008, " Massive star formation in Wolf-Rayet galaxies I. Optical and NIR photometric results", *Astronomy & Astrophysics*, 131-U48, Observatories: **CAHA 2.2m; NOT, INT (ORM)**
210. Lopez-Santiago, J. Caballero, J. A., 2008, " New deep XMM-Newton observations to the west of the sigma Orionis cluster", *Astronomy & Astrophysics*, 961-977, Observatories: **XMM-Newton (ESA)**
211. Luna, R. Cox, N. L. J. Satorre, M. A. Hernandez, D. A. Garcia Suarez, O. Lario, P. Garcia, 2008, " A search for diffuse bands in the circumstellar envelopes of post-AGB stars", *Astronomy & Astrophysics*, 133-U37,

Observatories: **La Silla: NTT/EMMI, 1.52 m/FEROS; WHT, TNG (ORM)**

212. Malzac, J. Lubinski, P. Zdziarski, A. A. Bel, M. Cadolle Tuerler, M. Laurent, P., 2008, " An intense state of hard X-ray emission of Cyg X-1 observed by INTEGRAL coincident with TeV measurements", *Astronomy & Astrophysics*, 527-534, Observatories: **Integral (ESA)**
213. Markoff, Sera Nowak, Michael Young, Andrew Marshall, Herman L. Canizares, Claude R. Peck, Alison Krips, Melanie Petitpas, Glen Schoedel, Rainer Bower, Geoffrey C. Chandra, Poonam Ray, Alak Munro, Michael Gallagher, Sarah Hornstein, Seth Cheung, Chi C., 2008, " Results from an extensive simultaneous broadband campaign on the underluminous active nucleus M81*: Further evidence for mass-scaling accretion in black holes", *Astrophysical Journal*, 905-924, Observatories: **IRAM-PdBI**
214. Marmol-Queralto, E. Cardiel, N. Cenarro, A. J. Vazdekis, A. Gorgas, J. Pedraz, S. Peletier, R. F. Sanchez-Blazquez, P., 2008, " A new stellar library in the region of the CO index at 2.3 μ m - New index definition and empirical fitting functions", *Astronomy & Astrophysics*, 885-910, Observatories: **CAHA 3.5m; TNG (ORM)**
215. Martayan, C. Floquet, M. Hubert, A. M. Neiner, C. Fremat, Y. Baade, D. Fabregat, J., 2008, " Early-type objects in NGC6611 and the Eagle Nebula", *Astronomy & Astrophysics*, 459-480, Observatories: **La Silla: 2.2m MPG/WFI; Paranal:VLT/GIRAFFE**
216. Martin, Sergio Requena-Torres, M. A. Martin-Pintado, J. Mauersberger, R., 2008, " Tracing shocks and photodissociation in the galactic center region", *Astrophysical Journal*, 245-254, Observatories: **IRAM 30m**
217. Martin-Hernandez, N. L. Bik, A. Puga, E. Nuernberger, D. E. A. Bronfman, L., 2008, " Spatially resolved near-infrared spectroscopy of the massive star-forming region IRAS 19410+2336", *Astronomy & Astrophysics*, 229-243, Observatories: **WHT/LIRIS (ORM)**
218. Martin-Hernandez, N. L. Esteban, C. Mesa-Delgado, A. Bik, A. Puga, E., 2008, " M1-78: a nitrogen-rich Galactic compact HII region beyond the Perseus arm", *Astronomy & Astrophysics*, 215-227, Observatories: **WHT/ISIS (ORM)**
219. Martin-Hernandez, N. L. Peeters, E. Tielens, A. G. G. M., 2008, " A mid-infrared study of HII regions in the Magellanic Clouds: N88 A and N160 A", *Astronomy & Astrophysics*, 1189-1200, Observatories: **La Silla: 3.6m/TIMMI2; ISO (ESA)**
220. Martinez, M. A. Del Olmo, A. Coziol, R. Focardi, P., 2008, " Deficiency of broad-line AGNs in compact groups of galaxies", *Astrophysical Journal Letters*, L9-L12, Observatories: **CAHA 2.2m; NOT (ORM)**

221. Martinez-Pais, I. G. Arevalo, M. J. Lazaro, C., 2008, " Absolute parameters of the short-period binary HY virginis from JHK light curves and spectroscopy", *New Astronomy*, 304-313, Observatories: **INT (ORM); IAC-80, TCS (OT)**
222. Mateos, S. Warwick, R. S. Carrera, F. J. Stewart, G. C. Ebrero, J. Della Ceca, R. Caccianiga, A. Gilli, R. Page, M. J. Treister, E. Tedds, J. A. Watson, M. G. Lamer, G. Saxton, R. D. Brunner, H. Page, C. G., 2008, " High precision X-ray log N - log S distributions: implications for the obscured AGN population", *Astronomy & Astrophysics*, 51-U45, Observatories: **XMM-Newton (ESA)**
223. Maughan, B. J. Jones, L. R. Pierre, M. Andreon, S. Birkinshaw, M. Bremer, M. N. Pacaud, F. Ponman, T. J. Valtchanov, I. Willis, J., 2008, " Testing the galaxy cluster mass-observable relations at $z=1$ with XMM-Newton and Chandra observations of XLSSJ022403.9-041328", *Monthly Notices of the Royal Astronomical Society*, 998-1006, Observatories: **XMM-Newton (ESA)**
224. Mazuca, Lisa M. Knapen, Johan H. Veilleux, Sylvain Regan, Michael W., 2008, " A connection between star formation in nuclear rings and their host galaxies", *Astrophysical Journal Supplement Series*, 337-365, Observatories: **WHT (ORM)**
225. McBride, V. A. Coe, M. J. Negueruela, I. Schurch, M. P. E. McGowan, K. E., 2008, " Spectral distribution of Be/X-ray binaries in the Small Magellanic Cloud", *Monthly Notices of the Royal Astronomical Society*, 1198-1204, Observatories: **La Silla: 3.6m/EFOSC2**
226. Melita, M. D. Licandro, J. Jones, D. C. Williams, I. P., 2008, " Physical properties and orbital stability of the Trojan asteroids", *Icarus*, 686-697, Observatories: **La Silla:NTT; NOT, WHT (ORM)**
227. Mendez-Abreu, J. Corsini, E. M. Debattista, Victor P. De Rijcke, S. Aguerri, J. A. L. Pizzella, A., 2008, " Confirmation of a kinematic diagnostic for face-on box/peanut-shaped bulges", *Astrophysical Journal Letters*, L73-L76, Observatories: **Paranal:VLT/FORS2**
228. Mesa-Delgado, Adal Esteban, Cesar Garcia-Rojas, Jorge, 2008, " Small-scale behavior of the physical conditions and the abundance discrepancy in the orion nebula", *Astrophysical Journal*, 389-404, Observatories: **WHT (ORM)**
229. Meyer, L. Do, T. Ghez, A. Morris, M. R. Witzel, G. Eckart, A. Belanger, G. Schoedel, R., 2008, " A 600 MINUTE NEAR-INFRARED LIGHT CURVE OF SAGITTARIUS A*", *Astrophysical Journal Letters*, L17-L20, Observatories: **Paranal:VLT**
230. Michielsen, D. Boselli, A. Conselice, C. J. Toloba, E. Whiley, I. M. Aragon-Salamanca, A. Balcells, M. Cardiel, N. Cenarro, A. J. Gorgas, J. Peletier, R. F. Vazdekis, A., 2008, " The relation between stellar populations, structure

and environment for dwarf elliptical galaxies from the MAGPOP-ITP",
Monthly Notices of the Royal Astronomical Society, 1374-1392,
Observatories: **NOT/ALFOSC (ORM)**

231. Milone, A. P. Bedin, L. R. Piotto, G. Anderson, J. King, I. R. Sarajedini, A. Dotter, A. Chaboyer, B. Marin-Franch, A. Majewski, S. Aparicio, A. Hempel, M. Paust, N. E. Q. Reid, I. N. Rosenberg, A. Siegel, M., 2008, "The ACS survey of galactic globular clusters. III. The double subgiant branch of NGC 1851", *Astrophysical Journal*, 241-250, Observatories: **Hubble (ESA)**
232. Moles, M. Benitez, N. Aguerri, J. A. L. Alfaro, E. J. Broadhurst, T. Cabrera-Cano, J. Castander, F. J. Cepa, J. Cervino, M. Cristobal-Hornillos, D. Fernandez-Soto, A. Delgado, R. M. Gonzalez Infante, L. Marquez, I. Martinez, V. J. Masegosa, J. del Olmo, A. Perea, J. Prada, F. Quintana, J. M. Sanchez, S. F., 2008, "The ALHAMBRA survey: A large area multimediu-band optical and near-infrared photometric survey", *Astronomical Journal*, 1325-1339, Observatories: **CAHA 3.5m**
233. Moreno-Insertis, F. Galsgaard, K. Ugarte-Urra, I., 2008, "Jets in coronal holes: Hinode observations and three-dimensional computer modeling", *Astrophysical Journal Letters*, L211-L214, Observatories: **Hinode, SoHO (ESA)**
234. Moullet, A. Lellouch, E. Doressoundiram, A. Ortiz, J. L. Duffard, R. Morbidelli, A. Vernazza, P. Moreno, R., 2008, "Physical and dynamical properties of (12929) 1999 TZ(1) suggest that it is a Trojan", *Astronomy & Astrophysics*, L17-L20, Observatories: **IRAM30m**
235. Moutou, C. Bruntt, H. Guillot, T. Shporer, A. Guenther, E. Aigrain, S. Almenara, J. M. Alonso, R. Auvergne, M. Baglin, A. Barbieri, M. Barge, P. Benz, W. Borde, P. Bouchy, F. Deeg, H. J. De la Reza, R. Deleuil, M. Dvorak, R. Erikson, A. Fridlund, M. Gillon, M. Gondoin, P. Hatzes, A. Hebrard, G. Jorda, L. Kabath, P. Lammer, H. Leger, A. Llebaria, A. Loeillet, B. Magain, P. Mayor, M. Mazeh, T. Ollivier, M. Paetzold, M. Pepe, F. Pont, F. Queloz, D. Rabus, M. Rauer, H. Rouan, D. Schneider, J. Udry, S. Wuchterl, G., 2008, "Transiting exoplanets from the CoRoT space mission - V. CoRoT-Exo-4b: stellar and planetary parameters", *Astronomy & Astrophysics*, L47-U20, Observatories: **CoRoT (ESA); La Silla: 3.6m/HARPS**
236. Muzic, K. Schoedel, R. Eckart, A. Meyer, L. Zensus, A., 2008, "IRS 13N: a new comoving group of sources at the Galactic center", *Astronomy & Astrophysics*, 173-178, Observatories: **Paranal: VLT (UT4-YEPUN)**
237. Nagata, Shin'ichi Tsuneta, Saku Suematsu, Yoshinori Ichimoto, Kiyoshi Katsukawa, Yukio Shimizu, Toshifumi Yokoyama, Takaaki Tarbell, Theodore D. Lites, Bruce W. Shine, Richard A. Berger, Thomas E. Title, Alan M. Rubio, Luis R. Bellot Suares, David Orozco, 2008, "Formation of solar magnetic flux tubes with kilogauss field strength induced by convective

instability", *Astrophysical Journal Letters*, L145-L147, Observatories: **Hinode (ESA)**

238. Naze, Yael Walborn, Nolan R. Rauw, Gregor Martins, Fabrice Pollock, A. M. T. Bond, Howard E., 2008, " HD 148937: A multiwavelength study of the third galactic member of the Of?p class", *Astronomical Journal*, 1946-1957, Observatories: **XMM-Newton (ESA)**
239. Negueruela, I. Marco, A., 2008, " Stellar tracers of the Cygnus Arm II. A young open cluster in Camelopardalis OB3", *Astronomy & Astrophysics*, 441-449, Observatories: **CAHA 2.2m; INT (ORM)**
240. Negueruela, I. Marco, A. Herrero, A. Clark, J. S., 2008, " New very massive stars in Cygnus OB2", *Astronomy & Astrophysics*, 575-U155, Observatories: **WHT (ORM)**
241. Nespoli, E. Fabregat, J. Mennickent, R. E., 2008, " Unveiling the nature of six HMXBs through IR spectroscopy", *Astronomy & Astrophysics*, 911-917, Observatories: **La Silla:NTT**
242. Nucita, A. A. De Paolis, F. Ingrassio, G. Carpano, S. Guainazzi, M., 2008, " XMM-Newton and Chandra observations of the globular cluster NGC 6388", *Astronomy & Astrophysics*, 763-768, Observatories: **XMM-Newton (ESA)**
243. Nuño, B. Sanchez-Andrade Gonzalez, N. Bello Rodriguez, J. Blanco Kneer, F. Puschmann, K. G., 2008, " Fast events and waves in an active region of the Sun observed in H alpha with high spatial resolution", *Astronomy & Astrophysics*, 577-587, Observatories: **VTT (OT)**
244. Osorio, M. R. Zapatero Bejar, V. J. S. Bihain, G. Martin, E. L. Rebolo, R. Villo-Perez, I. Diaz-Sanchez, A. Perez Garrido, A. Caballero, J. A. Henning, T. Mundt, R. Barrado y Navascues, D. Bailer-Jones, C. A. L., 2008, " New constraints on the membership of the T dwarf S Ori 70 in the sigma Orionis cluster", *Astronomy & Astrophysics*, 895-900, Observatories: **CAHA 3.5m**
245. Overzier, Roderik A. Bouwens, R. J. Cross, N. J. G. Venemans, B. P. Miley, G. K. Zirm, A. W. Benitez, N. Blakeslee, J. P. Coe, D. Demarco, R. Ford, H. C. Homeier, N. L. Ilingworth, G. D. Kurk, J. D. Martel, A. R. Mei, S. Oliveira, I. Roettgering, H. J. A. Tsvetanov, Z. I. Zheng, W., 2008, " Lyman break galaxies, Ly alpha emitters, and a radio galaxy in a protocluster at $z=4.1(1,2)$ ", *Astrophysical Journal*, 143-162, Observatories: **Hubble (ESA); Paranal: VLT/FORS2**
246. Panessa, F. Bassani, L. De Rosa, A. Bird, A. J. Dean, A. J. Fiocchi, M. Malizia, A. Molina, M. Ubertini, P. Walter, R., 2008, " The broad-band XMM-Newton and INTEGRAL spectra of bright type 1 Seyfert galaxies", *Astronomy & Astrophysics*, 151-160, Observatories: **XMM-Newton, INTEGRAL (ESA)**

247. Papaderos, P. Guseva, N. G. Izotov, Y. I. Fricke, K. J., 2008, "Extremely metal-poor star-forming galaxies New detections and general morphological and photometric properties", *Astronomy & Astrophysics*, 113-129, Observatories: **La Silla: 3.6m**
248. Pereira, C. B. Miranda, L. F. Smith, V. V. Cunha, K., 2008, "High-resolution spectroscopic observations of the peculiar planetary nebula Me 1-1", *Astronomy & Astrophysics*, 535-541, Observatories: **CAHA 2.2m/FOCES**
249. Piconcelli, E. Bianchi, S. Miniutti, G. Fiore, F. Guainazzi, M. Jimenez-Bailon, E. Matt, G., 2008, "Heavy absorption and soft X-ray emission lines in the XMM-Newton spectrum of the type 2 radio-loud quasar 3C 234", *Astronomy & Astrophysics*, 671-676, Observatories: **XMM-Newton (ESA)**
250. Pignata, G. Benetti, S. Mazzali, P. A. Kotak, R. Patat, F. Meikle, P. Stehle, M. Leibundgut, B. Suntzeff, N. B. Buson, L. M. Cappellaro, E. Clocchiatti, A. Hamuy, M. Maza, J. Mendez, J. Ruiz-Lapuente, P. Salvo, M. Schmidt, B. P. Turatto, M. Hillebrandt, W., 2008, "Optical and infrared observations of SN 2002dj: some possible common properties of fast-expanding Type Ia supernovae", *Monthly Notices of the Royal Astronomical Society*, 971-990, Observatories: **JKT, NOT (ORM)**
251. Pinfield, D. J. Burningham, B. Tamura, M. Leggett, S. K. Lodieu, N. Lucas, P. W. Mortlock, D. J. Warren, S. J. Homeier, D. Ishii, M. Deacon, N. R. McMahon, R. G. Hewett, P. C. Osori, M. R. Zapatero Martin, E. L. Jones, H. R. A. Venemans, B. P. Day-Jones, A. C. Dobbie, P. D. Folkes, S. L. Dye, S. Allard, F. Baraffe, I. Barrado y Navascu, D. Casewell, S. L. Chiu, K. Chabrier, G. Clarke, F. Hodgkin, S. T. Magazzu, A. McCaughrean, M. J. Nakajima, T. Pavlenko, Y. Tinney, C. G., 2008, "Fifteen new T dwarfs discovered in the UKIDSS Large Area Survey", *Monthly Notices of the Royal Astronomical Society*, 304-322, Observatories: **TNG (ORM)**
252. Pinilla-Alonso, N. Licandro, J. Lorenzi, V., 2008, "Visible spectroscopy in the neighborhood of 2003EL61", *Astronomy & Astrophysics*, 455-458, Observatories: **TNG (ORM)**
253. Pizzella, A. Corsini, E. M. Sarzi, M. Magorrian, J. Mendez-Abreu, J. Coccato, L. Morelli, L. Bertola, F., 2008, "Structure and dynamics of galaxies with a low surface-brightness disc - I. The stellar and ionized-gas kinematics", *Monthly Notices of the Royal Astronomical Society*, 1099-1116, Observatories: **Paranal:VLT**
254. Pollacco, D. Skillen, I. Cameron, A. Collier Loeillet, B. Stempels, H. C. Bouchy, F. Gibson, N. P. Hebb, L. Hebrard, G. Joshi, Y. C. McDonald, I. Smalley, B. Smith, A. M. S. Street, R. A. Udry, S. West, R. G. Wilson, D. M. Wheatley, P. J. Aigrain, S. Alsubai, K. Benn, C. R. Bruce, V. A. Christian, D. J. Clarkson, W. I. Enoch, B. Evans, A. Fitzsimmons, A. Haswell, C. A. Hellier, C. Hickey, S. Hodgkin, S. T. Horne, K. Hrudkova, M. Irwin, J. Kane, S. R. Keenan, F. P. Lister, T. A. Maxted, P. Mayor, M.

- Moutou, C. Norton, A. J. Osborne, J. P. Parley, N. Pont, F. Queloz, D. Ryans, R. Simpson, E., 2008, " WASP-3b: a strongly irradiated transiting gas-giant planet", *Monthly Notices of the Royal Astronomical Society*, 1576-1584, Observatories: **Super-WASP (ORM)**
255. Porquet, D. Grosso, N. Predehl, P. Hasinger, G. Yusef-Zadeh, F. Aschenbach, B. Trap, G. Melia, F. Warwick, R. S. Goldwurm, A. Belanger, G. Tanaka, Y. Genzel, R. Dodds-Eden, K. Sakano, M. Ferrando, P., 2008, " X-ray hiccups from Sagittarius A* observed by XMM-Newton - The second brightest flare and three moderate flares caught in half a day", *Astronomy & Astrophysics*, 549-U58, Observatories: **XMM-Newton (ESA)**
256. Pott, J. -U. Eckart, A. Glindemann, A. Kraus, S. Schodel, R. Ghez, A. M. Woillez, J. Weigelt, G., 2008, " First VLTI infrared spectro-interferometry on GCIRS 7 - Characterizing the prime reference source for Galactic center observations at highest angular resolution", *Astronomy & Astrophysics*, 413-418, Observatories: **Paranal:VLTI/AMBER and MIDI**
257. Punsly, Brian Clarke, Tracy E. Tingay, Steven Gutierrez, Carlos M. Rasmussen, Jesper Colbert, Ed, 2008, " THE FR II BROAD-LINE SEYFERT 1 GALAXY: PKS J1037-2705", *Astrophysical Journal*, 162-172, Observatories: **TNG (ORM)**
258. Quintana-Lacaci, G. Bujarrabal, V. Castro-Carrizo, A., 2008, " The structure and chemistry of the massive shell around AFGL 2343: (SiO)-Si-29 and HCN as tracers of high-excitation regions", *Astronomy & Astrophysics*, 203-210, Observatories: **IRAM-PdBI**
259. Raiteri, C. M. Villata, M. Chen, W. P. Hsiao, W. -S. Kurtanidze, O. M. Nilsson, K. Larionov, V. M. Gurwell, M. A. Agudo, I. Aller, H. D. Aller, M. F. Angelakis, E. Arkharov, A. A. Bach, U. Bottcher, M. Buemi, C. S. Calcidese, P. Charlot, P. D'Ammando, F. Donnarumma, I. Forne, E. Frasca, A. Fuhrmann, L. Gomez, J. L. Hagen-Thorn, V. A. Jorstad, S. G. Kimeridze, G. N. Krichbaum, T. P. Lahteenmaki, A. Lanteri, L. Latev, G. Le Campion, J. -F. Lee, C. -U. Leto, P. Lin, H. -C. Marchili, N. Marilli, E. Marscher, A. P. Nesci, R. Nieppola, E. Nikolashvili, M. G. Ohlert, J. Ovcharov, E. Principe, D. Pursimo, T. Ragozzine, B. Sadun, A. C. Sigua, L. A. Smart, R. L. Strigachev, A. Takalo, L. O. Tavani, M. Thum, C. Tornikoski, M. Trigilio, C. Uckert, K. Umana, G. Valcheva, A. Vercellone, S. Volvach, A. Wiesemeyer, H., 2008, " The high activity of 3C 454.3 in autumn 2007 - Monitoring by the WEBT during the AGILE detection", *Astronomy & Astrophysics*, L17-L20, Observatories: **CAHA?; NOT (ORM); IRAM-30m**
260. Raiteri, C. M. Villata, M. Larionov, V. M. Aller, M. F. Bach, U. Gurwell, M. Kurtanidze, O. M. Lahteenmaki, A. Nilsson, K. Volvach, A. Aller, H. D. Arkharov, A. A. Bachev, R. Berdyugin, A. Boettcher, M. Buemi, C. S. Calcidese, P. Cozzi, E. Di Paola, A. Dolci, M. Fan, J. H. Forne, E. Foschini, L. Gupta, A. C. Hagen-Thorn, V. A. Hooks, L. Hovatta, T. Joshi, M. Kadler, M. Kimeridze, G. N. Konstantinova, T. S. Kostov, A. Krichbaum, T. P.

- Lanteri, L. Larionova, L. V. Lee, C. -U. Leto, P. Lindfors, E. Montagni, F. Nesci, R. Nieppola, E. Nikolashvili, M. G. Ohlert, J. Oksanen, A. Ovcharov, E. Paakkonen, P. Pasanen, M. Pursimo, T. Ros, J. A. Semkov, E. Sigua, L. A. Smart, R. L. Strigachev, A. Takalo, L. O. Torii, K. Tornainen, I. Tornikoski, M. Trigilio, C. Tsunemi, H. Umana, G. Valcheva, A., 2008, " Radio-to-UV monitoring of AO 0235+164 by the WEBT and Swift during the 2006-2007 outburst", *Astronomy & Astrophysics*, 339-347, Observatories: **NOT (ORM)**
261. Raiteri, C. M. Villata, M. Larionov, V. M. Gurwell, M. A. Chen, W. P. Kurtanidze, O. M. Aller, M. F. Bottcher, M. Calcidese, P. Hroch, F. Lahteenmaki, A. Lee, C. -U. Nilsson, K. Ohlert, J. Papadakis, I. E. Agudo, I. Aller, H. D. Angelakis, E. Arkharov, A. A. Bach, U. Bachev, R. Berdyugin, A. Buemi, C. S. Carosati, D. Charlot, P. Chatzopoulos, E. Forne, E. Frasca, A. Fuhrmann, L. Gomez, J. L. Gupta, A. C. Hagen-Thorn, V. A. Hsiao, W. -S. Jordan, B. Jorstad, S. G. Konstantinova, T. S. Kopatskaya, E. N. Krichbaum, T. P. Lanteri, L. Larionova, L. V. Latev, G. Le Campion, J. -F. Leto, P. Lin, H. -C. Marchili, N. Marilli, E. Marscher, A. P. McBreen, B. Mihov, B. Nesci, R. Nicastro, F. Nikolashvili, M. G. Novak, R. Ovcharov, E. Pian, E. Principe, D. Pursimo, T. Ragozzine, B. Ros, J. A. Sadun, A. C. Sagar, R. Semkov, E. Smart, R. L. Smith, N. Strigachev, A. Takalo, L. O. Tavani, M. Tornikoski, M. Trigilio, C. Uckert, K. Umana, G. Valcheva, A. Vercellone, S. Volvach, A. Wiesemeyer, H., 2008, " A new activity phase of the blazar 3C 454.3 Multifrequency observations by the WEBT and XMM-Newton in 2007-2008", *Astronomy & Astrophysics*, 755-766, Observatories: **CAHA 2.2m; NOT (ORM); XMM-Newton (ESA); IRAM 30m**
262. Ramos-Larios, G. Guerrero, M. A. Miranda, L. F., 2008, " The unusual distributions of ionized material and molecular hydrogen in NGC6881: Signposts of multiple events of bipolar ejection in a planetary nebula", *Astronomical Journal*, 1441-1449, Observatories: **NOT, WHT, TNG (ORM)**
263. Rasmussen, Jesper Ponman, Trevor J. Verdes-Montenegro, Lourdes Yun, Min S. Borthakur, Sanchayeeta, 2008, " Galaxy evolution in Hickson compact groups: the role of ram-pressure stripping and strangulation", *Monthly Notices of the Royal Astronomical Society*, 1245-1264, Observatories: **XMM-Newton (ESA)**
264. Read, A. M. Saxton, R. D. Torres, M. A. P. Esquej, P. Kuulkers, E. Jonker, P. G. Osborne, J. P. Freyberg, M. J. Challis, P., 2008, " XMM-Newton slew survey discovery of the nova XMMSL1 J070542.7-381442 (V598 Puppis)", *Astronomy & Astrophysics*, L1-L4, Observatories: **XMM-Newton (ESA)**
265. Rebassa-Mansergas, A. Gansicke, B. T. Schreiber, M. R. Southworth, J. Schwobe, A. D. Gomez-Moran, A. Nebot Aungwerojwit, A. Rodriguez-Gil, P. Karamanavis, V. Krumpe, M. Tremou, E. Schwarz, R. Staude, A. Vogel, J., 2008, " Post-common envelope binaries from SDSS - III. Seven new orbital periods", *Monthly Notices of the Royal Astronomical Society*, 1635-

1646, Observatories: **CAHA2.2m; La Silla: NTT/EMMI; Paranal: VLT/FORS2; WHT (ORM); IAC 80 (OT)**

266. Rezaei, R. Bruls, J. H. M. J. Schmidt, W. Beck, C. Kalkofen, W. Schlichenmaier, R., 2008, " Reversal-free CaIIH profiles: a challenge for solar chromosphere modeling in quiet inter-network", *Astronomy & Astrophysics*, 503-509, Observatories: **VTT (OT)**
267. Richichi, A. Fors, O. Mason, E., 2008, " Milliarsecond angular resolution of reddened stellar sources in the vicinity of the Galactic center - II. Additional observations", *Astronomy & Astrophysics*, 1441-1453, Observatories: **Paranal: VLT**
268. Richichi, A. Fors, O. Mason, E. Stegmeier, J. Chandrasekhar, T., 2008, " Milliarsecond angular resolution of reddened stellar sources in the vicinity of the Galactic center", *Astronomy & Astrophysics*, 1399-1408, Observatories: **Paranal: VLT**
269. Rigby, J. R. Marcellac, D. Egami, E. Rieke, G. H. Richard, J. Kneib, J. -P. Fadda, D. Willmer, C. N. A. Borys, C. van der Werf, P. P. Perez-Gonzalez, P. G. Knudsen, K. K. Papovich, C., 2008, " Mid-infrared spectroscopy of lensed galaxies at $1 < z < 3$: The nature of sources near the MIPS confusion limit", *Astrophysical Journal*, 262-280, Observatories: **Hubble (ESA)**
270. Rodriguez, J. Hannikainen, D. C. Shaw, S. E. Pooley, G. Corbel, S. Tagger, M. Mirabel, I. F. Belloni, T. Cabanac, C. Bel, M. Cadolle Chenevez, J. Kretschmar, P. Lehto, H. J. Paizis, A. Varniere, P. Vilhu, O., 2008, " 2 years of INTEGRAL monitoring of GRS 1915+105. I. Multiwavelength coverage with INTEGRAL, RXTE, and the Ryle radio telescope", *Astrophysical Journal*, 1436-1448, Observatories: **INTEGRAL (ESA)**
271. Rodriguez, J. Shaw, S. E. Hannikainen, D. C. Belloni, T. Corbel, S. Bel, M. Cadolle Chenevez, J. Prat, L. Kretschmar, P. Lehto, H. J. Mirabel, I. F. Paizis, A. Pooley, G. Tagger, M. Varniere, P. Cabanac, C. Vilhu, O., 2008, " 2 years of integral monitoring of GRS 1915+105. II. X-ray spectro-temporal analysis", *Astrophysical Journal*, 1449-1458, Observatories: **INTEGRAL (ESA)**
272. Rossi, A. de Ugarte Postigo, A. Ferrero, P. Kann, D. A. Klose, S. Schulze, S. Greiner, J. Schady, P. Filgas, R. Gonsalves, E. E. Yoldas, A. Kuepcue Kruehler, T. Szokoly, G. Yoldas, A. Afonso, P. M. J. Clemens, C. Bloom, J. S. Perley, D. A. Fynbo, J. P. U. Castro-Tirado, A. J. Gorosabel, J. Kubanek, P. Updike, A. C. Hartmann, D. H. Giuliani, A. Holland, S. T. Hanlon, L. Bremer, M. French, J. Melady, G. Garcia-Hernandez, D. A., 2008, " A photometric redshift of $z=1.8(-0.3)(+0.4)$ for the AGILE GRB 080514B", *Astronomy & Astrophysics*, L29-U11, Observatories: **La Silla: 2.2m; NOT (ORM); IAC-80 (OT)**
273. Sala, G. Hernanz, M. Ferri, C. Greiner, J., 2008, " V5116 sagittarii, an eclipsing supersoft postoutburst nova?", *Astrophysical Journal Letters*, L93-L96, Observatories: **XMM-Newton (ESA)**

274. Sanchez, S. F. Thiele, U. Aceituno, J. Cristobal, D. Perea, J. Alves, J., 2008, " The Night Sky at the Calar Alto Observatory II: The Sky at the Near-infrared", Publications of the Astronomical Society of the Pacific, 1244-1254, Observatories: **CAHA1.23m/MAGIC; CAHA3.5m/Omega2000**
275. Sanchez-Monge, A. Palau, Aina Estalella, R. Beltran, M. T. Girart, J. M., 2008, " Survey of intermediate/high mass star-forming regions at centimeter and millimeter wavelengths", Astronomy & Astrophysics, 497-515, Observatories: **IRAM 30m**
276. Sanchez-Sutil, J. R. Marti, J. Combi, J. A. Luque-Escamilla, P. Munoz-Arjonilla, A. J. Paredes, J. M. Pooley, G., 2008, " Faint arc-minute extended radio emission around Cygnus X-3", Astronomy & Astrophysics, 523-528, Observatories: **?-CAHA**
277. Sanna, N. Bono, G. Stetson, P. B. Monelli, M. Pietrinferni, A. Drozdovsky, I. Caputo, F. Cassisi, S. Gennaro, M. Moroni, P. G. Prada Buonanno, R. Corsi, C. E. Degl'Innocenti, S. Ferraro, I. Iannicola, G. Nonino, M. Pulone, L. Romaniello, M. Walker, A. R., 2008, " ON THE DISTANCE AND REDDENING OF THE STARBURST GALAXY IC 10", Astrophysical Journal Letters, L69-L73, Observatories: **Hubble/WFPC2 (ESA)**
278. Santander-Garcia, M. Corradi, R. L. M. Mampaso, A. Morisset, C. Munari, U. Schirmer, M. Balick, B. Livio, M., 2008, " Hen 2-104 : a close-up look at the Southern Crab", Astronomy & Astrophysics, 117-126, Observatories: **Hubble (ESA); Paranal: VLT ; La Silla: NTT**
279. Sanz-Forcada, J. Dupree, A. K., 2008, " Active cool stars and HeI 10 830 angstrom: the coronal connection", Astronomy & Astrophysics, 715-U119, Observatories: **NOT (ORM)**
280. Saxton, R. D. Read, A. M. Esquej, P. Freyberg, M. J. Altieri, B. Bermejo, D., 2008, " The first XMM-newton slew survey catalogue: XMMSL1", Astronomy & Astrophysics, 611-622, Observatories: **XMM-Newton (ESA)**
281. Scholz, R. -D. Kharchenko, N. V. Lodieu, N. McCaughrean, M. J., 2008, " An extremely wide and very low-mass pair with common proper motion", Astronomy & Astrophysics, 595-599, Observatories: **La Silla: 3.6m**
282. Selvelli, P. Cassatella, A. Gilmozzi, R. Gonzalez-Riestra, R., 2008, " The secrets of T Pyxidis II. A recurrent nova that will not become a SN Ia", Astronomy & Astrophysics, 787-803, Observatories: **XMM-Newton (ESA)**
283. Servillat, M. Dieball, A. Webb, N. A. Knigge, C. Cornelisse, R. Barret, D. Long, K. S. Shara, M. M. Zurek, D. R., 2008, " Combined Chandra, XMM-Newton, and Hubble Space Telescope observations of the Galactic globular cluster NGC 2808", Astronomy & Astrophysics, 641-U24, Observatories: **XMM-Newton, Hubble (ESA); Paranal: VLT/FORS1**
284. Shahbaz, T. Watson, C. A. Zurita, C. Villaver, E. Hernandez-Peralta, H., 2008, " Time-resolved optical photometry of the ultracompact binary 4U

0614+091", Publications of the Astronomical Society of the Pacific, 848-851, Observatories: **NOT (ORM); IAC-80 (OT)**

285. Shalyapin, V. N. Goicoechea, L. J. Koptelova, E. Ullan, A. Gil-Merino, R., 2008, " New two-colour light curves of Q0957+561: time delays and the origin of intrinsic variations", *Astronomy & Astrophysics*, 401-410, Observatories: **LT (ORM)**
286. Shapiro, Kristen L. Genzel, Reinhard Schreiber, Natascha M. Foerster Tacconi, Linda J. Bouche, Nicolas Cresci, Giovanni Davies, Richard Eisenhauer, Frank Johansson, Peter H. Krajinovic, Davor Lutz, Dieter Naab, Thorsten Arimoto, Nobuo Arribas, Santiago Cimatti, Andrea Colina, Luis Daddi, Emanuele Daigle, Olivier Erb, Dawn Hernandez, Olivier Kong, Xu Mignoli, Marco Onodera, Masato Renzini, Alvio Shapley, Alice Steidel, Charles, 2008, " Kinemetry of SINS high-redshift star-forming galaxies: Distinguishing rotating disks from major mergers", *Astrophysical Journal*, 231-251, Observatories: **Paranal: VLT/SINFONI**
287. Smith, Rodney M. Martinez, Vicent J. Fernandez-Soto, Alberto Ballesteros, Fernando J. Ortiz-Gil, Amelia, 2008, " NGC 1600: Cluster or field elliptical?", *Astrophysical Journal*, 420-427, Observatories: **WHT (ORM)**
288. Somerville, Rachel S. Barden, Marco Rix, Hans-Walter Bell, Eric F. Beckwith, Steven V. W. Borch, Andrea Caldwell, John A. R. Haeussler, Boris Heymans, Catherine Jahnke, Knud Jogee, Shardha McIntosh, Daniel H. Meisenheimer, Klaus Peng, Chien Y. Sanchez, Sebastian F. Wisotzki, Lutz Wolf, Christian, 2008, " An explanation for the observed weak size evolution of disk galaxies", *Astrophysical Journal*, 776-786, Observatories: **Hubble (ESA)**
289. Sousa, S. G. Santos, N. C. Mayor, M. Udry, S. Casagrande, L. Israelian, G. Pepe, F. Queloz, D. Monteiro, M. J. P. F. G., 2008, " Spectroscopic parameters for 451 stars in the HARPS GTO planet search program - Stellar [Fe/H] and the frequency of exo-Neptunes", *Astronomy & Astrophysics*, 373-381, Observatories: **La Silla: 3.6m/HARPS**
290. Suarez, D. Orozco Rubio, L. R. Bellot Iniesta, J. C. del Toro Tsuneta, S., 2008, " Magnetic field emergence in quiet Sun granules", *Astronomy & Astrophysics*, L33-L36, Observatories: **Hinode (ESA)**
291. Tagliaferri, G. Foschini, L. Ghisellini, G. Maraschi, L. Tosti, G. Albert, J. Aliu, E. Anderhub, H. Antoranz, P. Baixeras, C. Barrio, J. A. Bartko, H. Bastieri, D. Becker, J. K. Bednarek, W. Bedyugin, A. Berger, K. Bigongiari, C. Biland, A. Bock, R. K. Bordas, P. Bosch-Ramon, V. Bretz, T. Britvitch, I. Camara, M. Carmona, E. Chilingarian, A. Coarasa, J. A. Commichau, S. Contreras, J. L. Cortina, J. Costado, M. T. Curtef, V. Danielyan, V. Dazzi, F. De Angelis, A. Delgado, C. de los Reyes, R. De Lotto, B. Dorner, D. Doro, M. Errando, M. Fagiolini, M. Ferenc, D. Fernandez, E. Firpo, R. Fonseca, M. V. Font, L. Fuchs, M. Galante, N. Garcia-Lopez, R. J. Garczarczyk, M. Gaug, M. Giller, M. Goebel, F. Hakobyan, D. Hayashida, M. Hengstebeck, T. Herrero, A. Hoehne, D. Hose, J. Huber, S. Hsu, C. C. Jacon, P. Jogler, T.

- Kosyra, R. Kranich, D. Kritzer, R. Laille, A. Lindfors, E. Lombardi, S. Longo, F. Lopez, M. Lorenz, E. Majumdar, P. Maneva, G. Mannheim, K. Mariotti, M. Martinez, M. Mazin, D. Merck, C. Meucci, M. Meyer, M. Miranda, J. M. Mirzoyan, R. Mizobuchi, S. Moralejo, A. Nieto, D. Nilsson, K. Ninkovic, J. Ona-Wilhelmi, E. Otte, N. Oya, I. Panniello, M. Paoletti, R. Paredes, J. M. Pasanen, M. Pascoli, D. Pauss, F. Pegna, R. Persic, M. Peruzzo, L. Piccioli, A. Prandini, E. Puchades, N. Raymers, A. Rhode, W. Ribo, M. Rico, J. Rissi, M. Robert, A. Ruegamer, S. Saggion, A. Saito, T. Y. Sanchez, A. Sartori, P. Scalzotto, V. Scapin, V. Schmitt, R. Schweizer, T. Shayduk, M. Shinozaki, K. Shore, S. N. Sidro, N. Sillanpaa, A. Sobczynska, D. Spanier, F. Stamerra, A. Stark, L. S. Takalo, L. Tavecchio, F. Temnikov, P. Tescaro, D. Teshima, M. Torres, D. F. Turini, N. Vankov, H. Venturini, A. Vitale, V. Wagner, R. M. Wibig, T. Wittek, W. Zandanel, F. Zanin, R. Zapatero, J., 2008, " Simultaneous multiwavelength observations of the blazar 1ES 1959+650 at a low TeV flux", *Astrophysical Journal*, 1029-1039, Observatories: **MAGIC, KVA (ORM)**
292. Tanvir, N. R. Levan, A. J. Rol, E. Starling, R. L. C. Gorosabel, J. Priddey, R. S. Malesani, D. Jakobsson, P. O'Brien, P. T. Jaunsen, A. O. Hjorth, J. Fynbo, J. P. U. Melandri, A. Gomboc, A. Milvang-Jensen, B. Fruchter, A. S. Jarvis, M. Fernandes, C. A. C. Wold, T., 2008, " The extreme, red afterglow of GRB 060923A: distance or dust?", *Monthly Notices of the Royal Astronomical Society*, 1743-1750, Observatories: **Paranal: VLT/FORS1/FORS2**
293. Taubenberger, S. Hachinger, S. Pignata, G. Mazzali, P. A. Contreras, C. Valenti, S. Pastorello, A. Elias-Rosa, N. Baernbantner, O. Barwig, H. Benetti, S. Dolci, M. Fliri, J. Folatelli, G. Freedman, W. L. Gonzalez, S. Hamuy, M. Krzeminski, W. Morrell, N. Navasardyan, H. Persson, S. E. Phillips, M. M. Ries, C. Roth, M. Suntzeff, N. B. Turatto, M. Hillebrandt, W., 2008, " The underluminous Type Ia supernova 2005bl and the class of objects similar to SN 1991bg", *Monthly Notices of the Royal Astronomical Society*, 75-96, Observatories: **CAHA 2.2m; Paranal: VLT/FORS2; TNG, LT (ORM)**
294. Terradas, J. Arregui, I. Oliver, R. Ballester, J. L., 2008, " Transverse oscillations of flowing prominence threads observed with Hinode", *Astrophysical Journal Letters*, L153-L156, Observatories: **Hinode (ESA)**
295. Thaddeus, P. Gottlieb, C. A. Gupta, H. Bruenken, S. McCarthy, M. C. Agundez, M. Guelin, M. Cernicharo, J., 2008, " Laboratory and astronomical detection of the negative molecular ion C₃N", *Astrophysical Journal*, 1132-1139, Observatories: **IRAM30m**
296. Thone, Christina C. Fynbo, Johan P. U. Ostlin, Goran Milvang-Jensen, Bo Wiersema, Klaas Malesani, Daniele Ferreira, Desiree Della Monica Gorosabel, Javier Kann, D. Alexander Watson, Darach Michalowski, Michal J. Fruchter, Andrew S. Levan, Andrew J. Hjorth, Jens Sollerman, Jesper, 2008, " Spatially resolved properties of the GRB 060505 host: Implications for the nature of the progenitor", *Astrophysical Journal*, 1151-1161, Observatories: **Paranal: VLT/FORS/ISAAC**

297. Thone, C. C. Wiersema, K. Ledoux, C. Starling, R. L. C. de Ugarte Postigo, A. Levan, A. J. Fynbo, J. P. U. Curran, P. A. Gorosabel, J. van der Horst, A. J. Llorente, A. Rol, E. Tanvir, N. R. Vreeswijk, P. M. Wijers, R. A. M. J. Kewley, L. J., 2008, " The host of GRB 060206: kinematics of a distant galaxy", *Astronomy & Astrophysics*, 37-48, Observatories: **CAHA 3.5m; NOT, WHT (ORM)**
298. Torres, M. A. P. Jonker, P. G. Steeghs, D. Roelofs, G. H. A. Bloom, J. S. Casares, J. Falco, E. E. Garcia, M. R. Marsh, T. R. Mendez, M. Miller, J. M. Nelemans, G. Rodriguez-Gil, P., 2008, " Observations of the 599 Hz accreting X-ray pulsar IGR J00291+5934 during the 2004 outburst and in quiescence", *Astrophysical Journal*, 1079-1090, Observatories: **TNG, INT/WFC, WHT (ORM); IAC80 (OT)**
299. Tsuneta, S. Ichimoto, K. Katsukawa, Y. Lites, B. W. Matsuzaki, K. Nagata, S. Suarez, D. Orozco Shimizu, T. Shimojo, M. Shine, R. A. Suematsu, Y. Suzuki, T. K. Tarbell, T. D. Title, A. M., 2008, " THE MAGNETIC LANDSCAPE OF THE SUN'S POLAR REGION", *Astrophysical Journal*, 1374-1381, Observatories: **Hinode (No nombran a la ESA) (ESA)**
300. Tucci, M. Rubino-Martin, J. A. Rebolo, R. Genova-Santos, R. Watson, R. A. Battye, R. A. Cleary, K. A. Davies, R. D. Davis, R. J. Grainge, K. Hobson, M. Saunders, R. D. E. Scaife, A. Scott, P. F., 2008, " Multifrequency spectral analysis of extragalactic radio sources in the 33-GHz VSA catalogue: sources with flattening and upturn spectrum", *Monthly Notices of the Royal Astronomical Society*, 1729-1738, Observatories: **VSA (OT)**
301. Ueda, Yoshihiro Watson, Michael G. Stewart, Ian M. Akiyama, Masayuki Schwobe, Axel D. Lamer, Georg Ebrero, Jacobo Carrera, Francisco J. Sekiguchi, Kazuhiro Yamada, Tohru Simpson, Chris Hasinger, Guenther Mateos, Silvia, 2008, " THE SUBARU/XMM-NEWTON DEEP SURVEY (SXDS). III. X-RAY DATA", *Astrophysical Journal Supplement Series*, 124-141, Observatories: **XMM-Newton (ESA)**
302. Uytterhoeven, K. Mathias, P. Poretti, E. Rainer, M. Martin-Ruiz, S. Rodriguez, E. Amado, P. J. Le Contel, D. Jankov, S. Niemczura, E. Pollard, K. R. Brunsden, E. Paparo, M. Costa, V. Valtier, J. -C. Garrido, R. Suarez, J. C. Kilmartin, P. M. Chapellier, E. Rodriguez-Lopez, C. Marin, A. J. Aceituno, F. J. Casanova, V. Rolland, A. Olivares, I., 2008, " The gamma Doradus CoRoT target HD 49434 - I. Results from the ground-based campaign", *Astronomy & Astrophysics*, 1213-U62, Observatories: **CAHA 2.2m/FOCES; La Silla: 2.2-m ESO/MPI/FEROS**
303. Vazquez, R. Miranda, L. F. Olguin, L. Ayala, S. Torrelles, J. M. Contreras, M. E. Guillen, P. F., 2008, " The physical structure of the point-symmetric and quadrupolar planetary nebula NGC 6309", *Astronomy & Astrophysics*, 107-116, Observatories: **CAHA 2.2m/CAFOS**
304. Vig, S. Cesaroni, R. Testi, L. Beltran, M. T. Codella, C., 2008, " A multiwavelength investigation of G24.78+0.08 A2 using observations from

VLA and VLT-VISIR", *Astronomy & Astrophysics*, 605-617,
Observatories: **Paranal: VLT/VISIR**

305. Vignali, Cristian Piconcelli, Enrico Bianchi, Stefano Miniutti, Giovanni, 2008, " On the peculiar properties of the narrow-line quasar PG 1543+489", *Monthly Notices of the Royal Astronomical Society*, 761-769,
Observatories: **XMM-Newton (ESA)**
306. Vink, Jorick S. Drew, Janet E. Steeghs, Danny Wright, Nick J. Martin, Eduardo L. Gaensicke, Boris T. Greimel, Robert Drake, Jeremy, 2008, " IPHAS discoveries of young stars towards Cyg OB2 and its southern periphery", *Monthly Notices of the Royal Astronomical Society*, 308-318,
Observatories: **INT (ORM)**
307. Wesson, R. Barlow, M. J. Corradi, R. L. M. Drew, J. E. Groot, P. J. Knigge, C. Steeghs, D. Gaensicke, B. T. Napiwotzki, R. Rodriguez-Gil, P. Zijlstra, A. A. Bode, M. F. Drake, J. J. Frew, D. J. Gonzalez-Solares, E. A. Greimel, R. Irwin, M. J. Morales-Rueda, L. Nelemans, G. Parker, Q. A. Sale, S. E. Sokoloski, J. L. Somero, A. Uthas, H. Walton, N. A. Warner, B. Watson, C. A. Wright, N. J., 2008, " A PLANETARY NEBULA AROUND NOVA V458 VULPECULAE UNDERGOING FLASH IONIZATION", *Astrophysical Journal Letters*, L21-L24, Observatories: **NOT, INT (ORM)**
308. Wiersema, K. van der Horst, A. J. Kann, D. A. Rol, E. Starling, R. L. C. Curran, P. A. Gorosabel, J. Levan, A. J. Fynbo, J. P. U. Postigo, A. de Ugarte Wijers, R. A. M. J. Castro-Tirado, A. J. Guziy, S. S. Hornstrup, A. Hjorth, J. Jelinek, M. Jensen, B. L. Kidger, M. Martin-Luis, F. Tanvir, N. R. Tristram, P. Vreeswijk, P. M., 2008, " Spectroscopy and multiband photometry of the afterglow of intermediate duration gamma-ray burst GRB040924 and its host galaxy", *Astronomy & Astrophysics*, 319-326,
Observatories: **CAHA/Omega2000; Paranal:VLT/FORS2; WHT, NOT/ALFOSC (ORM)**
309. Wills, K. A. Tadhunter, C. Holt, J. Delgado, R. Gonzalez Inskip, K. J. Zaurin, J. Rodriguez Morganti, R., 2008, " Diverse young stellar populations in the intermediate-redshift radio galaxies 3C 213.1 and 3C 459: implications for the evolution of the host galaxies", *Monthly Notices of the Royal Astronomical Society*, 136-146, Observatories: **Hubble (ESA); Paranal: VLT; WHT (ORM)**
310. Wilson, D. M. Gillon, M. Hellier, C. Maxted, P. F. L. Pepe, F. Queloz, D. Anderson, D. R. Cameron, A. Collier Smalley, B. Lister, T. A. Bentley, S. J. Blecha, A. Christian, D. J. Enoch, B. Haswell, C. A. Hebb, L. Horne, K. Irwin, J. Joshi, Y. C. Kane, S. R. Marmier, M. Mayor, M. Parley, N. Pollacco, D. Pont, F. Ryans, R. Segransan, D. Skillen, I. Street, R. A. Udry, S. West, R. G. Wheatley, P. J., 2008, " WASP-4b: A 12th magnitude transiting hot Jupiter in the southern hemisphere", *Astrophysical Journal Letters*, L113-L116, Observatories: **SuperWASP-North (ORM)**
311. Witham, A. R. Knigge, C. Drew, J. E. Greimel, R. Steeghs, D. Gaensicke, B. T. Groot, P. J. Mampaso, A., 2008, " The IPHAS catalogue of H alpha

- emission-line sources in the northern Galactic plane", Monthly Notices of the Royal Astronomical Society, 1277-1288, Observatories: **INT (ORM)**
312. Wright, N. J. Greimel, R. Barlow, M. J. Drew, J. E. Cioni, M. -R. L. Zijlstra, A. A. Corradi, R. L. M. Gonzalez-Solares, E. A. Groot, P. Irwin, J. Irwin, M. J. Mampaso, A. Morris, R. A. H. Steeghs, D. Unruh, Y. C. Walton, N., 2008, " Extremely red stellar objects revealed by IPHAS", Monthly Notices of the Royal Astronomical Society, 929-944, Observatories: **INT, WHT (ORM)**
313. Yun, J. L. Djupvik, A. A. Delgado, A. J. Alfaro, E. J., 2008, " A young double stellar cluster in an HII region, emerging from its parent molecular cloud", Astronomy & Astrophysics, 209-221, Observatories: **Paranal: VLT/ISAAC; NOT(ORM)**
314. Rodriguez Zaurin, J. Tadhunter, C. N. Gonzalez Delgado, R. M., 2008, " Optical spectroscopy of Arp220: the star formation history of the closest ULIRG", Monthly Notices of the Royal Astronomical Society, 875-885, Observatories: **WHT(ORM)**
315. Zhang, Shu Chen, Yu-Peng Collmar, Werner Foschini, Luigi Li, Ti-Pei Torres, Diego F. Wang, Jian-Min, 2008, " High-energy properties of PKS 1830-211", Astrophysical Journal, 400-408, Observatories: **XMM-Newton, INTEGRAL (ESA)**
316. Zurita, A. Perez, I., 2008, " Where are the stars of the bar of NGC 1530 forming?", Astronomy & Astrophysics, 5-20, Observatories: **WHT/INGRID, NOT/ALFOSC, JKT/JAG (ORM)**
317. Zurita, C. Durant, M. Torres, M. A. P. Shahbaz, T. Casares, J. Steeghs, D., 2008, " Swift J1753.5-0127: The black hole candidate with the shortest orbital period", Astrophysical Journal, 1458-1463, Observatories: **IAC80 (OT)**
318. Castro-Tirado AJ, Postigo AD, Gorosabel J, et al , 2008 "Flares from a candidate Galactic magnetar suggest a missing link to dim isolated neutron stars" NATURE 455:7212 , 506-509 Observatories: **Mercator (ORM); IAC-80 (OT); VLT (Paranal); PdBI, 30m (IRAM)**
319. Racusin JL, Karpov SV, Sokolowski M, et al. 2008 "Broadband observations of the naked-eye gamma-ray burst GRB 080319B" NATURE 455: 7210, 183-188 Observatories: **VLT (Paranal); LT (ORM); PdBI (IRAM)**
320. Valtonen MJ, Lehto HJ, Nilsson K, et al. 2008, "A massive binary black-hole system in OJ 287 and a test of general relativity" NATURE 452 : 7189, 851-853 Observatories: **NOT (ORM); 2,2m (CAHA)**

321. Sanchez-Lavega A, Orton GS, Hueso R, et al. 2008, "Depth of a strong jovian jet from a planetary-scale disturbance driven by storms" NATURE 451: 7177, 437-440 Observatories: **Hubble (ESA)**
322. Aliu E, Anderhub H, Antonelli LA, et al.2008, "Observation of Pulsed gamma-Rays Above 25 GeV from the Crab Pulsar with MAGIC" SCIENCE 322 : 5905, 1221-1224 Observatories: **MAGIC (ORM)**
323. Petit JM, Kavelaars JJ, Gladman BJ, et al.2008 "The extreme Kuiper Belt binary 2001 QW(322)" SCIENCE 322: 5900, 432-434 Observatories: **WHT (ORM); VLT (Paranal)**
324. Michel E, Baglin A, Auvergne M, et al 2008 "CoRoT measures solar-like oscillations and granulation in stars hotter than the Sun" SCIENCE 322: 5901, 558-560 Observatories: **COROT (ESA)**
325. Albert J, Aliu E, Anderhub H, et al.2008 "Very-high-energy gamma rays from a distant quasar: How transparent is the universe?" SCIENCE 320: 5884, 1752-1754 Observatories: **MAGIC (ORM)**

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Volume: 400 Issue: 3 Pages: 1264-1282 Published: DEC 11 2009
 - ◆ ORM: WHT
5. [LOW-RESOLUTION SPECTROSCOPY OF GAMMA-RAY BURST OPTICAL AFTERGLOWS: BIASES IN THE SWIFT SAMPLE AND CHARACTERIZATION OF THE ABSORBERS](#)
Author(s): Fynbo JPU, Jakobsson P, Prochaska JX, et al.
Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 185
Issue: 2 Pages: 526-573 Published: DEC 2009
 - ◆ ORM: NOT/ ALFOSC
 - ◆ ESO (Paranal): VLT/ FORS1/ FORS2/ UVES
 - ◆ Otros: Gemini telescopes; 3 m Shane Telescope; Keck telescope

6. [NEW LIGHT IN STAR-FORMING DWARF GALAXIES: THE PMAS INTEGRAL FIELD VIEW OF THE BLUE COMPACT DWARF GALAXY Mrk 409](#)
 Author(s): Cairos LM, Caon N, Papaderos P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 707 Issue: 2 Pages: 1676-1690 Published: DEC 20 2009
- ◆ CAHA: 3.5m/ PMAS
 - ◆ NASA/IPAC Extragalactic Database (NED)
7. [AGILE detection of a rapid gamma-ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring](#)
 Author(s): D'Ammando F, Pucella G, Raiteri CM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 508 Issue: 1 Pages: 181-189 Published: DEC 2009
- ◆ ORM: KVA; LT
 - ◆ CAHA
 - ◆ AGILE
 - ◆ GASP-WEBT
 - ◆ NASA: Swift
8. [The optical counterparts of accreting millisecond X-ray pulsars during quiescence](#)
 Author(s): D'Avanzo P, Campana S, Casares J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 508 Issue: 1 Pages: 297-308 Published: DEC 2009
- ◆ ESO (Paranal): VLT/ FORS1/ FORS/ ISAAC
9. [The first cyclotron harmonic of 4U 1538-52](#)
 Author(s): Rodes-Roca JJ, Torrejon JM, Kreykenbohm I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 508 Issue: 1 Pages: 395-400 Published: DEC 2009
- ◆ ESA: INTEGRAL
 - ◆ RXTE
10. [Iqueye, a single photon-counting photometer applied to the ESO new technology telescope](#)
 Author(s): Naletto G, Barbieri C, Occhipinti T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 508 Issue: 1 Pages: 531-539 Published: DEC 2009
- ◆ ESO (La Silla): NTT (instrumentación)
11. [Water and related chemistry in the solar system. A guaranteed time key programme for Herschel](#)
 Author(s): Hartogh P, Lellouch E, Crovisier J, et al.
 Source: PLANETARY AND SPACE SCIENCE Volume: 57 Issue: 13 Special Issue: Sp. Iss. SI Pages: 1596-1606 Published: NOV 2009
- ◆ ESA: Herschel

12. [EXTRAGALACTIC CS SURVEY](#)
 Author(s): Bayet E, Aladro R, Martin S, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 707 Issue: 1 Pages: 126-136
 Published: DEC 10 2009
- ◆ IRAM: 30m
 - ◆ James Clerk Maxwell Telescope (JCMT)
13. [MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE](#)
 Author(s): Acciari VA, Aliu E, Aune T, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 707 Issue: 1 Pages: 612-620
 Published: DEC 10 2009
- ◆ ESA: XMM-Newton
 - ◆ NASA: Swift
 - ◆ Fred Lawrence Whipple Observatory: VERITAS
 - ◆ AGILE
 - ◆ GASP-WEBT
14. [MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY](#)
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 707 Issue: 1 Pages: 727-737
 Published: DEC 10 2009
- ◆ Facilities: ATOM (LSW), Effelsberg (F-GAMMA), e-VLBI (EVN, LBA), *Fermi*, G. Haro (INAOE), Mets'ahovi, OVRO, RATAN-600, *Swift*, SMARTS (Yale), VLBA (MOJAVE), WIRO.
 - ◆ European VLBI Network (EVN) >>> OAN (Yebe: 40m radiotelescope)
15. [Simulation of a flux emergence event and comparison with observations by Hinode](#)
 Author(s): Chaouche LY, Cheung MCM, Solanki SK, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 3 Pages: L53-U23
 Published: DEC 2009
- ◆ ESA: Hinode
 - ◆ 3D MHD simulations
16. [Mapping the starburst in blue compact dwarf galaxies PMAS integral field spectroscopy of Mrk 1418](#)
 Author(s): Cairos LM, Caon N, Zurita C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 3 Pages: 1291-1301
 Published: DEC 2009
- ◆ CAHA: 3.5m
 - ◆ NASA/IPAC Extragalactic Database (NED)

17. [Dissecting an intermediate-mass protostar Chemical differentiation in IC 1396 N](#)
 Author(s): Fuente A, Castro-Carrizo A, Alonso-Albi T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 3 Pages: 1475-1484 Published: DEC 2009
 ♦ IRAM: 30m; PdBI
18. [The origin of the supersoft X-ray-optical/UV flux anticorrelation in the symbiotic binary AG Draconis](#)
 Author(s): Skopal A, Sekeras M, Gonzalez-Riestra R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 3 Pages: 1531-1539 Published: DEC 2009
 ♦ ESA: XMM-Newton
19. [A VLT/FLAMES survey for massive binaries in Westerlund 1 I. First observations of luminous evolved stars](#)
 Author(s): Ritchie BW, Clark JS, Negueruela I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 3 Pages: 1585-1595 Published: DEC 2009
 ♦ ESO (Paranal): VLT/ FLAMES
20. [Spectroscopic monitoring of the luminous blue variable Westerlund1-243 from 2002 to 2009](#)
 Author(s): Ritchie BW, Clark JS, Negueruela I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 3 Pages: 1597-1611 Published: DEC 2009
 ♦ ESO (Paranal): VLT/ FLAMES/ UVES
 ♦ ESO (La Silla): NTT/ EMMI
21. [KINEMATIC PROPERTIES AS PROBES OF THE EVOLUTION OF DWARF GALAXIES IN THE VIRGO CLUSTER](#)
 Author(s): Toloba E, Boselli A, Gorgas J, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 707 Issue: 1 Pages: L17-L21 Published: DEC 10 2009
 ♦ Public databases: SDSS, NED, HyperLEDA, GOLDMine.
 ♦ NASA: Galax
 ♦ ORM: INT; WHT
22. [DETECTION OF THE CENTRAL STAR OF THE PLANETARY NEBULA NGC 6302](#)
 Author(s): Szyszka C, Walsh JR, Zijlstra AA, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 707 Issue: 1 Pages: L32-L36 Published: DEC 10 2009
 ♦ ESA/NASA: Hubble
23. [STROMGREN PHOTOMETRY OF GALACTIC GLOBULAR CLUSTERS. II. METALLICITY DISTRIBUTION OF RED GIANTS IN omega CENTAURI](#)
 Author(s): Calamida A, Bono G, Stetson PB, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 706 Issue: 2 Pages: 1277-1298 Published: DEC 1 2009

- ◆ ESO (La Silla): NTT/ SOFI;
 - ◆ ESO (Paranal): VLT/ ISAAC
 - ◆ La Silla (no ESO): Danish 1.54m
24. [PHOTODISSOCIATION CHEMISTRY FOOTPRINTS IN THE STARBURST GALAXY NGC 253](#)
 Author(s): Martin S, Martin-Pintado J, Viti S
 Source: ASTROPHYSICAL JOURNAL Volume: 706 Issue: 2 Pages: 1323-1330 Published: DEC 1 2009
- ◆ IRAM: 30m
 - ◆ JCMT
25. [Methyl cyanide as tracer of bow shocks in L1157-B1](#)
 Author(s): Codella C, Benedettini M, Beltran MT, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: L25-L28 Published: NOV 2009
- ◆ IRAM: PdBI
26. [Intracluster light in the Virgo cluster: large scale distribution](#)
 Author(s): Castro-Rodriguez N, Arnaboldi M, Aguerri JAL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 621-634 Published: NOV 2009
- ◆ ORM: INT/ WFC
 - ◆ ESO (La Silla): 2.2m MPI/ WFI
 - ◆ Sabaru Telescope
27. [Star formation in the intragroup medium and other diagnostics of the evolutionary stages of compact groups of galaxies](#)
 Author(s): Torres-Flores S, de Oliveira CM, de Mello DF, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 723-746 Published: NOV 2009
- ◆ ESO (La Silla): 3.6m/ CIGALE
 - ◆ NASA: GALEX
 - ◆ NED
28. [WEBT multiwavelength monitoring and XMM-Newton observations of BL Lacertae in 2007-2008 Unveiling different emission components](#)
 Author(s): Raiteri CM, Villata M, Capetti A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 769-779 Published: NOV 2009
- ◆ ORM: NOT
 - ◆ CAHA: 2.2m
 - ◆ ESA: XMM-Newton
 - ◆ Otros 35 telescopios

29. [Radio and X-ray study of two multi-shell supernova remnants: Kes 79 and G352.7-0.1](#)
 Author(s): Giacani E, Smith MJS, Dubner G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 841-853 Published: NOV 2009
- ◆ ESA: XMM-Newton (archivo)
 - ◆ NRAO: VLA (Very Large Array)
30. [EX Lupi in quiescence](#)
 Author(s): Sipos N, Abraham P, Acosta-Pulido J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 881-889 Published: NOV 2009
- ◆ ESO (La Silla): NTT/SOFI (archivo); 2.2m MPG/ FEROS
 - ◆ ESA: ISO/ ISOPHOT
 - ◆ IRAS
 - ◆ NASA: Spitzer Space Telescope
31. [HD 172189: another step in furnishing one of the best laboratories known for asteroseismic studies](#)
 Author(s): Creevey OL, Uytterhoeven K, Martin-Ruiz S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 901-910 Published: NOV 2009
- ◆ ORM: NOT/ FIES; Mercator/ P7
 - ◆ ESO: 2.2m MPI/ FEROS
 - ◆ CAHA: 2.2m/ FOCES
 - ◆ OHP: 1.52m/ Aurelie
 - ◆ CAO: 91cm/ FRESCO
32. [X-ray and UV observations of nova V598 Puppis between 147 and 255 days after outburst](#)
 Author(s): Page KL, Osborne JP, Read AM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 923-927 Published: NOV 2009
- ◆ ESA: XMM-Newton
 - ◆ NASA: Swift
33. [Orbital periods of cataclysmic variables identified by the SDSS VI. The 4.5-h period eclipsing system SDSS J100658.40+233724.4](#)
 Author(s): Southworth J, Hickman RDG, Marsh TR, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 929-937 Published: NOV 2009
- ◆ ORM: WHT/ ISIS; NOT/ ALFOSC
 - ◆ CAHA: 2.2m/ CAFOS

34. [X-ray optical depth diagnostics of T Tauri accretion shocks](#)
 Author(s): Argiroffi C, Maggio A, Peres G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 939-948 Published: NOV 2009
 ♦ ESA: XMM-Newton
35. [Magnetic flux emergence into the solar photosphere and chromosphere](#)
 Author(s): Tortosa-Andreu A, Moreno-Insertis F
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 2 Pages: 949-967 Published: NOV 2009
 ♦ ESA: Hinode
36. [STROMGREN PHOTOMETRY OF GALACTIC GLOBULAR CLUSTERS. II. METALLICITY DISTRIBUTION OF RED GIANTS IN omega CENTAURI](#)
 Author(s): Calamida A, Bono G, Stetson PB, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 706 Issue: 2 Pages: 1277-1298 Published: DEC 1 2009
 ♦ ESO (La Silla): NTT/ SOFI
 ♦ ESO (Paranal): VLT
 ♦ La Silla (no ESO): 1.54 m Danish Telescope
37. [PHOTODISSOCIATION CHEMISTRY FOOTPRINTS IN THE STARBURST GALAXY NGC 253](#)
 Author(s): Martin S, Martin-Pintado J, Viti S
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 706 Issue: 2 Pages: 1323-1330 Published: DEC 1 2009
 ♦ IRAM: 30m
 ♦ JCMT
38. [Multiwavelength observations of the energetic GRB 080810: detailed mapping of the broad-band spectral evolution star](#)
 Author(s): Page KL, Willingale R, Bissaldi E, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 400 Issue: 1 Pages: 134-146 Published: NOV 21 2009
 ♦ ORM: NOT; INT/ WFC; LT
 ♦ Otros: 1.5m-OSN; FTN; 1.5m-DK; ROTSE-III
39. [The main-sequence rotation-colour relation in the Coma Berenices open cluster](#)
 Author(s): Cameron AC, Davidson VA, Hebb L, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 400 Issue: 1 Pages: 451-462 Published: NOV 21 2009
 ♦ ORM: SuperWASP

40. [Follow-up observations at 16 and 33 GHz of extragalactic sources from WMAP 3-yr data: I - Spectral properties star](#)
 Author(s): Davies ML, Franzen TMO, Davies RD, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 400 Issue: 2 Pages: 984-994 Published: DEC 1 2009
 ♦ OT: VSA
41. [Follow-up observations at 16 and 33 GHz of extragalactic sources from WMAP 3-yr data: II - Flux density variability star](#)
 Author(s): Franzen TMO, Davies ML, Davies RD, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 400 Issue: 2 Pages: 995-1005 Published: DEC 1 2009
 ♦ OT: VSA
42. [A fresh look at the seismic spectrum of HD49933: analysis of 180 days of CoRoT photometry](#)
 Author(s): Benomar O, Baudin F, Campante TL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: L13-U23 Published: NOV 2009
 ♦ ESA: CoRoT
43. [Probing variability patterns of the Fe K line complex in bright nearby AGNs](#)
 Author(s): De Marco B, Iwasawa K, Cappi M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 159-U256 Published: NOV 2009
 ♦ ESA: XMM-Newton
44. [Radio continuum and near-infrared study of the MGRO J2019+37 region](#)
 Author(s): Paredes JM, Marti J, Ishwara-Chandra CH, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 241-250 Published: NOV 2009
 ♦ CAHA: 3.5m/ OMEGA2000
 ♦ GMRT
 ♦ 2MASS
45. [The energy of waves in the photosphere and lower chromosphere I. Velocity statistics](#)
 Author(s): Beck C, Khomenko E, Rezaei R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 453-467 Published: NOV 2009
 ♦ OT: VTT/ POLIS
46. [Evolution of the cloud field and wind structure of Jupiter's highest speed jet during a huge disturbance](#)
 Author(s): Barrado-Izagirre N, Perez-Hoyos S, Garcia-Melendo E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 513-522 Published: NOV 2009
 ♦ ESA/NASA: Hubble
 ♦ HST and IOPW archives

47. [A homogeneous spectroscopic analysis of host stars of transiting planets](#)
 Author(s): Ammler-von Eiff M, Santos NC, Sousa SG, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 523-530 Published: NOV 2009
- ◆ ORM: TNG/ SARG
 - ◆ ESO (Paranal): UVES (archivo)
 - ◆ Observatoire de Haute Provence : OHP/ SOPHIE
 - ◆ SIMBAD database
48. [The quiescent spectral energy distribution of V404 Cyg](#)
 Author(s): Hynes RI, Bradley CK, Rupen M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 399 Issue: 4 Pages: 2239-2248 Published: NOV 11 2009
- ◆ ESA/NASA: Hubble
 - ◆ ORM: WHT
 - ◆ OT: IAC-80
 - ◆ Gemini
 - ◆ NASA: Chandra
 - ◆ The Westerbork Synthesis Radio Telescope (WSRT)
 - ◆ NRAO: VLA
49. [THE CHEMICAL COMPOSITION OF CERNIS 52 \(BD+31 degrees 640\)](#)
 Author(s): Hernandez JIG, Iglesias-Groth S, Rebolo R, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 706 Issue: 1 Pages: 866-876
 Published: NOV 20 2009
- ◆ ORM: TNG; NOT
 - ◆ IRAF and Aladin facilities.
 - ◆ VALD, SIMBAD, DSS and 2MASS databases
50. [The bright galaxy population of five medium redshift clusters II. Quantitative galaxy morphology](#)
 Author(s): Ascaso B, Aguerri JAL, Moles M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1071-1082
 Published: NOV 2009
- ◆ ORM: NOT
51. [An X-ray view of 82 LINERs with Chandra and XMM-Newton data](#)
 Author(s): Gonzalez-Martin O, Masegosa J, Marquez I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1107-U291
 Published: NOV 2009
- ◆ ESA: XMM-Newton Data Archive; Hubble
52. [Candidate free-floating super-Jupiters in the young sigma Orionis open cluster](#)
 Author(s): Bihain G, Rebolo R, Osorio MRZ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1169-1182
 Published: NOV 2009
- ◆ ESO (Paranal): VLT/ ISAAC
 - ◆ ORM: INT/ WFC; WHT/ LIRIS

- ◆ CAHA: 3.5m/ Omega2000
 - ◆ Canada-France-Hawaii Telescope (CFHT)
 - ◆ archival post-basic calibrated data (PBCD) from the Spitzer Space Telescope Infrared Array Camera (IRAC)
53. [Low-mass protostars and dense cores in different evolutionary stages in IRAS 00213+6530](#)
 Author(s): Busquet G, Palau A, Estalella R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1183-1198 Published: NOV 2009
- ◆ IRAM: 30m
 - ◆ NRAO: VLA
 - ◆ NASA: 70m antenna
54. [XMMSL1 J060636.2-694933: an XMM-Newton slew discovery and Swift/Magellan follow up of a new classical nova in the LMC](#)
 Author(s): Read AM, Saxton RD, Jonker PG, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1309-1317 Published: NOV 2009
- ◆ ESA: XMM-Newton
 - ◆ NASA: Swift
55. [The solar BaII 4554 angstrom line as a Doppler diagnostic: NLTE analysis in 3D hydrodynamical model](#)
 Author(s): Shchukina NG, Olshevsky VL, Khomenko EV
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1393-U608 Published: NOV 2009
- ◆ OT: VTT
56. [Solar granulation from photosphere to low chromosphere observed in Ba II 4554 angstrom line](#)
 Author(s): Kostik R, Khomenko E, Shchukina N
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1405-1414 Published: NOV 2009
- ◆ OT: VTT
57. [The quiet Sun magnetic field observed with ZIMPOL on THEMIS I. The probability density function](#)
 Author(s): Bommier V, Gonzalez MM, Bianda M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1415-1428 Published: NOV 2009
- ◆ OT: Themis
58. [PMAS optical integral field spectroscopy of luminous infrared galaxies I. The atlas](#)
 Author(s): Alonso-Herrero A, Garcia-Marin M, Monreal-Ibero A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1541-1562 Published: NOV 2009
- ◆ CAHA: 3.5m/ PMAS

- ◆ NASA/IPAC Extragalactic Database (NED)

- 59. [CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I+61 303](#)
 Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 706 Issue: 1
 Pages: L27-L32 Published: NOV 20 2009
 - ◆ ORM: MAGIC,
 - ◆ ESA: XMM-Newton
 - ◆ Otros: Swift; RATAN; VLBA; Skinakas (1.3 m)

- 60. [Suzaku and Multi-Wavelength Observations of OJ 287 during the Periodic Optical Outburst in 2007](#)
 Author(s): Seta H, Isobe N, Tashiro MS, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
 Volume: 61 Issue: 5 Pages: 1011-1022 Published: 2009
 - ◆ ORM: MAGIC; KVA
 - ◆ Suzaku
 - ◆ KANATA

- 61. [Empirical estimate of Ly alpha escape fraction in a statistical sample of Ly alpha emitters](#)
 Author(s): Atek H, Kunth D, Schaerer D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 2 Pages: L1-L4
 Published: NOV 2009
 - ◆ ESO (La Silla): NTT/ EFOSC2
 - ◆ NASA: GALEX

- 62. [Integral field spectroscopy with SINFONI of VVDS galaxies II. The mass-metallicity relation at \$1.2 < z < 1.6\$](#)
 Author(s): Queyrel J, Contini T, Perez-Montero E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 2 Pages: 681-687
 Published: NOV 2009
 - ◆ ESO (Paranal) VLT/ SINFONI

- 63. [The UV-Excess survey of the northern Galactic plane](#)
 Author(s): Groot PJ, Verbeek K, Greimel R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 399 Issue: 1 Pages: 323-339 Published: OCT 11 2009
 - ◆ ORM: INT

- 64. [INTERPRETATION OF STRONG SHORT-TERM CENTRAL PERTURBATIONS IN THE LIGHT CURVES OF MODERATE-MAGNIFICATION MICROLENSING EVENTS](#)
 Author(s): Han C, Hwang KH, Kim D, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 2 Pages: 1116-1121
 Published: NOV 10 2009
 - ◆ ORM: LT
 - ◆ Las Campanas Observatory, Chile: 1.3 m Warsaw telescope.

- ◆ Otros(follow-up observations): 1.3 m of CTIO in Chile; 0.4 m of Auckland Observatory; 0.4 m of Vintage Lane Observatory in New Zealand; 1.0 m of Mt. Lemmon Observatory in Arizona; 1.8 m of Mt. John in New Zealand; etc
65. [INTERACTING GALAXIES IN THE A901/902 SUPERCLUSTER WITH STAGES](#)
 Author(s): Heiderman A, Jogee S, Marinova I, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 2 Pages: 1433-1455 Published: NOV 10 2009
- ◆ ESA: Hubble/ ACS; XMM-Newton
 - ◆ ESO (La Silla): 2.2m MPG/ WFI (COMBO-17)
 - ◆ NASA: Spitzer Space Telescope
66. [SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006](#)
 Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 2 Pages: 1624-1631 Published: NOV 10 2009
- ◆ ORM: MAGIC
67. [The CoRoT target HD 175726: an active star with weak solar-like oscillations](#)
 Author(s): Mosser B, Michel E, Appourchaux T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 33-40 Published: OCT 2009
- ◆ ESA: CoRoT
68. [Solar-like oscillations with low amplitude in the CoRoT target HD 181906](#)
 Author(s): Garcia RA, Regulo C, Samadi R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 41-50 Published: OCT 2009
- ◆ ESA: CoRoT
69. [Solar-like oscillations in HD 181420: data analysis of 156 days of CoRoT data](#)
 Author(s): Barban C, Deheuvels S, Baudin F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 51-56 Published: OCT 2009
- ◆ ESA: CoRoT
70. [Looking for pulsations in HgMn stars through CoRoT lightcurves](#)
 Author(s): Alecian G, Gebran M, Auvergne M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 69-78 Published: OCT 2009
- ◆ ESA: CoRoT
 - ◆ ESO (Paranal): VLT/ FLAMES-GIRAFFE

71. [Asteroseismic analysis of the CoRoT delta Scuti star HD 174936](#)
 Author(s): Hernandez AG, Moya A, Michel E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 79-83 Published: OCT 2009
 ♦ ESA: CoRoT
72. [HD 50844: a new look at delta Scuti stars from CoRoT space photometry](#)
 Author(s): Poretti E, Michel E, Garrido R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 85-93 Published: OCT 2009
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
73. [The B0.5IVe CoRoT target HD 49330 I. Photometric analysis from CoRoT data](#)
 Author(s): Huat AL, Hubert AM, Baudin F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 95-101 Published: OCT 2009
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
74. [The B0.5 IVe CoRoT target HD 49330 II. Spectroscopic ground-based observations](#)
 Author(s): Floquet M, Hubert AM, Huat AL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 103-110 Published: OCT 2009
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
 ♦ 2 m Telescope Bernard Lyot (TBL)
75. [Pulsations in the late-type Be star HD 50 209 detected by CoRoT](#)
 Author(s): Diago PD, Gutierrez-Soto J, Auvergne M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 125-131 Published: OCT 2009
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
76. [Low-amplitude variations detected by CoRoT in the B8IIIe star HD 175869](#)
 Author(s): Gutierrez-Soto J, Floquet M, Samadi R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 133-141 Published: OCT 2009
 ♦ ESA: CoRoT
 ♦ DDO: 1.88m telescope
 ♦ 2m Télescope Bernard Lyot (TBL)

77. [The pulsations of the B5IVe star HD 181231 observed with CoRoT and ground-based spectroscopy](#)
 Author(s): Neiner C, Gutierrez-Soto J, Baudin F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 143-151 Published: OCT 2009
- ◆ ESA: CoRoT
 - ◆ ESO (La Silla): 2.2mMPI/ FEROS
 - ◆ 2m Telescope Bernard Lyot (TBL)
78. [HD 51106 and HD 50747: an ellipsoidal binary and a triple system observed with CoRoT](#)
 Author(s): Dolez N, Vauclair S, Michel E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 159-165 Published: OCT 2009
- ◆ ESA: CoRoT
 - ◆ ESO (La Silla): 2.2mMPI/ FEROS
 - ◆ CAHA: 2.2m/ FOCES
 - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
79. [Ground-based observations of the beta Cephei CoRoT main target HD 180 642: abundance analysis and mode identification](#)
 Author(s): Briquet M, Uytterhoeven K, Morel T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 269-280 Published: OCT 2009
- ◆ ESO (La Silla): 2.2mMPI/ FEROS
 - ◆ ORM: Mercator
 - ◆ San Pedro Mártir (México): 1.5 m telescope
 - ◆ 1m RCC and 50 cm telescope at the Piszkestető Mountain Station of Konkoly Observatory
80. [Transiting exoplanets from the CoRoT space mission VII. The "hot-Jupiter"-type planet CoRoT-5b](#)
 Author(s): Rauer H, Queloz D, Csizmadia S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 281-286 Published: OCT 2009
- ◆ ESA: CoRoT
 - ◆ ESO (La Silla): 3.6m/ HARPS
 - ◆ OT: IAC80
 - ◆ ORM: INT
 - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
81. [Transiting exoplanets from the CoRoT space mission VIII. CoRoT-7b: the first super-Earth with measured radius](#)
 Author(s): Leger A, Rouan D, Schneider J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 287-302 Published: OCT 2009
- ◆ ESA: CoRoT
 - ◆ ESO (La Silla): 3.6m/ HARPS
 - ◆ ESO (Paranal) VLT-UT1/ CRIRES

- ◆ OT: IAC80
 - ◆ ORM: INT
 - ◆ Canada-France-Hawaii Telescope (CFHT)
 - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
82. [The CoRoT-7 planetary system: two orbiting super-Earths](#)
 Author(s): Queloz D, Bouchy F, Moutou C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 303-319 Published: OCT 2009
- ◆ ESO (La Silla): 3.6m/ HARPS
 - ◆ La Silla (no ESO): EULER Swiss telescope
83. [Planetary transit candidates in the CoRoT initial run: resolving their nature](#)
 Author(s): Moutou C, Pont F, Bouchy F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 321-336 Published: OCT 2009
- ◆ ESA: CoRoT
 - ◆ ESO (La Silla): 3.6m/ HARPS
 - ◆ ORM: INT (tabla 1)
 - ◆ OT: IAC80 (tabla 1)
 - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
84. [Rate and nature of false positives in the CoRoT exoplanet search](#)
 Author(s): Almenara JM, Deeg HJ, Aigrain S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 337-341 Published: OCT 2009
- ◆ ESA: CoRoT
85. [Ground-based photometry of space-based transit detections: photometric follow-up of the CoRoT mission](#)
 Author(s): Deeg HJ, Gillon M, Shporer A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 343-352 Published: OCT 2009
- ◆ ESA: CoRoT
 - ◆ OT: IAC80
 - ◆ ORM: INT
 - ◆ Exo-Dat database
86. [The secondary eclipse of CoRoT-1b](#)
 Author(s): Alonso R, Alapini A, Aigrain S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 353-358 Published: OCT 2009
- ◆ ESA: CoRoT

87. [The Rossiter-McLaughlin effect of CoRoT-3b and HD 189733b](#)
Author(s): Triaud AHMJ, Queloz D, Bouchy F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 377-384 Published: OCT 2009
◆ ESO (La Silla): 3.6m/ HARPS
88. [Noise properties of the CoRoT data A planet-finding perspective](#)
Author(s): Aigrain S, Pont F, Fressin F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 425-429 Published: OCT 2009
◆ ESA: CoRoT
89. [Removing systematics from the CoRoT light curves I. Magnitude-dependent zero point](#)
Author(s): Mazeh T, Guterman P, Aigrain S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 431-434 Published: OCT 2009
◆ ESA: CoRoT
90. [Searching for transiting circumbinary planets in CoRoT and ground-based data using CB-BLS](#)
Author(s): Ofir A, Deeg HJ, Lacy CHS
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 445-453 Published: OCT 2009
◆ ESA: CoRoT
91. [CoRoT's view of newly discovered B-star pulsators: results for 358 candidate B pulsators from the initial run's exoplanet field data](#)
Author(s): Degroote P, Aerts C, Ollivier M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 471-489 Published: OCT 2009
◆ ESA: CoRoT
◆ ORM: INT
92. [Planetary transit candidates in Corot-IRa01 field](#)
Author(s): Carpano S, Cabrera J, Alonso R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 491-500 Published: OCT 2009
◆ ESA: CoRoT
93. [Planetary transit candidates in CoRoT-LRc01 field](#)
Author(s): Cabrera J, Fridlund M, Ollivier M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 501-517 Published: OCT 2009
◆ ESA: CoRoT
◆ OT: IAC80
◆ ORM: INT

94. [Automated supervised classification of variable stars in the CoRoT programme Method and application to the first four exoplanet fields](#)
 Author(s): Debosscher J, Sarro LM, Lopez M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 519-534 Published: OCT 2009
 ♦ **ESA: CoRoT**
95. [Comparative clustering analysis of variable stars in the Hipparcos, OGLE Large Magellanic Cloud, and CoRoT exoplanet databases](#)
 Author(s): Sarro LM, Debosscher J, Aerts C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 535-568 Published: OCT 2009
 ♦ **ESA: CoRoT; Hipparcos database**
 ♦ OGLE databases
96. [EVIDENCE FOR INTERMEDIATE-AGE STELLAR POPULATIONS IN EARLY-TYPE GALAXIES FROM K-BAND SPECTROSCOPY](#)
 Author(s): Marmol-Queralto E, Cardiel N, Sanchez-Blazquez P, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 705 Issue: 2 Pages: L199-L203 Published: NOV 10 2009
 ♦ **ESO (Paranal): VLT-UT1/ ISAAC**
97. [SY Cnc, a case for unstable mass transfer?](#)
 Author(s): Casares J, Martinez-Pais IG, Rodriguez-Gil P
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 399 Issue: 3 Pages: 1534-1538 Published: NOV 1 2009
 ♦ **ORM: INT**
98. [90 GHz AND 150 GHz OBSERVATIONS OF THE ORION M42 REGION. A SUBMILLIMETER TO RADIO ANALYSIS](#)
 Author(s): Dicker SR, Mason BS, Korngut PM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 1 Pages: 226-236 Published: NOV 1 2009
 ♦ **IRAM: 30m/ MUSTANG**
99. [ON THE EXTENDED STRUCTURE OF THE PHOENIX DWARF GALAXY](#)
 Author(s): Hidalgo SL, Aparicio A, Martinez-Delgado D, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 1 Pages: 704-716 Published: NOV 1 2009
 ♦ **ESA: Hubble/ WFPC2**
 ♦ Las Campanas Observatory's 100-inch telescope (Chile).
100. [THE SPLASH SURVEY: A SPECTROSCOPIC ANALYSIS OF THE METAL-POOR, LOW-LUMINOSITY M31 dSph SATELLITE ANDROMEDA X](#)
 Author(s): Kalirai JS, Zucker DB, Guhathakurta P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 1 Pages: 1043-1055 Published: NOV 1 2009
 ♦ **ORM: NOT; WHT**

- ◆ W. M. Keck Observatory: Keck II

- 101. [Integral field optical spectroscopy of a representative sample of ULIRGs II. Two-dimensional kpc-scale extinction structure](#)
 Author(s): García-Marín M, Colina L, Arribas S
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 3 Pages: 1017-1026 Published: OCT 2009
 - ◆ ORM: WHT/ INTEGRAL
 - ◆ ESA/NASA: Hubble

- 102. [C2H in prestellar cores](#)
 Author(s): Padovani M, Walmsley CM, Tafalla M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 3 Pages: 1199-1211 Published: OCT 2009
 - ◆ IRAM: 30m

- 103. [Integral field optical spectroscopy of a representative sample of ULIRGs I. The data](#)
 Author(s): García-Marín M, Colina L, Arribas S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 3 Pages: 1319-1343 Published: OCT 2009
 - ◆ ORM: WHT/ INTEGRAL
 - ◆ ESA/NASA: Hubble

- 104. [DISCOVERY OF VERY HIGH ENERGY gamma-RAYS FROM THE BLAZAR S5 0716+714](#)
 Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 704 Issue: 2 Pages: L129-L133 Published: OCT 20 2009
 - ◆ ORM: MAGIC; KVA

- 105. [Rb-RICH ASYMPTOTIC GIANT BRANCH STARS IN THE MAGELLANIC CLOUDS](#)
 Author(s): García-Hernández DA, Manchado A, Lambert DL, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 705 Issue: 1 Pages: L31-L35 Published: NOV 1 2009
 - ◆ ESO (Paranal): VT/ UVES

- 106. [On the nature of the near-UV extended light in Seyfert galaxies](#)
 Author(s): Marín VMM, Storchi-Bergmann T, Delgado RMG, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 399 Issue: 2 Pages: 842-860 Published: OCT 21 2009
 - ◆ ESA/NASA: Hubble

107. [Characterization of the emitting and absorbing media around the nucleus of the active galaxy UGC 11763 using XMM-Newton data](#)
 Author(s): Cardaci MV, Santos-Lleo M, Krongold Y, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 2 Pages: 541-551 Published: OCT 2009
 ♦ ESA: XMM-Newton
108. [INTEGRAL and Swift/XRT observations of IGR J19405-3016](#)
 Author(s): Zhang S, Chen YP, Torres DF, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 2 Pages: 553-557 Published: OCT 2009
 ♦ ESA: Integral
 ♦ NASA: Swift
109. [AGN/starburst connection in action: the half million second RGS spectrum of NGC 1365](#)
 Author(s): Guainazzi M, Risaliti G, Nucita A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 2 Pages: 589-600 Published: OCT 2009
 ♦ ESA: XMM-Newton
110. [ON THE SOLAR ORIGIN OF THE SIGNAL AT 220.7 \$\mu\$ Hz: A POSSIBLE COMPONENT OF A g-MODE?](#)
 Author(s): Jiménez A, Garcia RA
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 184 Issue: 2 Pages: 288-297 Published: OCT 2009
 ♦ ESA/NASA: SOHO
111. [HIGH RESOLUTION NEAR-INFRARED SURVEY OF THE PIPE NEBULA. I. A DEEP INFRARED EXTINCTION MAP OF BARNARD 59](#)
 Author(s): Román-Zúñiga CG, Lada CJ, Alves JF
 Source: ASTROPHYSICAL JOURNAL Volume: 704 Issue: 1 Pages: 183-195 Published: OCT 10 2009
 ♦ ESO (La Silla): NTT/ SOFI
 ♦ ESO (Paranal): VLT/ ISAAC
 ♦ NASA: Spitzer Space Telescope
 ♦ GBT
112. [LESS THAN 10 PERCENT OF STAR FORMATION IN \$z\$ similar to 0.6 MASSIVE GALAXIES IS TRIGGERED BY MAJOR INTERACTIONS](#)
 Author(s): Robaina AR, Bell EF, Skelton RE, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 704 Issue: 1 Pages: 324-340 Published: OCT 10 2009
 ♦ ESA/NASA: Hubble
 ♦ NASA: Spitzer Space Telescope

113. [SWAYING THREADS OF A SOLAR FILAMENT](#)
 Author(s): Lin Y, Soler R, Engvold O, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 704 Issue: 1 Pages: 870-876
 Published: OCT 10 2009
- ◆ ORM: SST
114. [FITTING LINER NUCLEI WITHIN THE ACTIVE GALACTIC NUCLEUS FAMILY: A MATTER OF OBSCURATION?](#)
 Author(s): González-Martín O, Masegosa J, Marquez I, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 704 Issue: 2 Pages: 1570-1585
 Published: OCT 20 2009
- ◆ ESA: XMM-Newton Data Archive
 - ◆ ESA/NASA: Hubble
 - ◆ NASA: Chandra Data Archive
 - ◆ NASA/IPAC extragalactic database (NED)
115. [PATTERN SPEEDS OF BARS AND SPIRAL ARMS FROM H alpha VELOCITY FIELDS](#)
 Author(s): Fathi K, Beckman JE, Pinol-Ferrer N, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 704 Issue: 2 Pages: 1657-1675
 Published: OCT 20 2009
- ◆ ORM: WHT/GH α FaS
 - ◆ New Technology for the Observatoire du mont M'egantic. Fabry-Perot interferometer (FaNTOmM); 1.6 m (OmM)
 - ◆ 3.6 m Canada-France-Hawaii Telescope (CFHT)
 - ◆ NASA: Spitzer Space Telescope
 - ◆ NASA/IPAC Extragalactic Database (NED)
116. [A UNIVERSAL DECLINE LAW OF CLASSICAL NOVAE. IV. V838 HER \(1991\): A VERY MASSIVE WHITE DWARF](#)
 Author(s): Kato M, Hachisu I, Cassatella A
 Source: ASTROPHYSICAL JOURNAL Volume: 704 Issue: 2 Pages: 1676-1688
 Published: OCT 20 2009
- ◆ ESA: IUE archive
117. [An investigation of the luminosity-metallicity relation for a large sample of low-metallicity emission-line galaxies](#)
 Author(s): Guseva NG, Papaderos P, Meyer HT, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 1 Pages: 63-U98
 Published: OCT 2009
- ◆ ESO (Paranal): VLT-UT2/ FORS2
 - ◆ ESO (La Silla): 3.6m/ EFOSC2

118. [Discovery of a redshift 6.13 quasar in the UKIRT infrared deep sky survey](#)
 Author(s): Mortlock DJ, Patel M, Warren SJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 1 Pages: 97-104 Published: OCT 2009
- ◆ ORM: LT
 - ◆ ESO (La Silla): NTT/ EMMI
 - ◆ ESO (Paranal): VLT/ FORS2
 - ◆ UKIRT
 - ◆ Gemini Observatory
119. [Spectral classification of the mass donors in the high-mass X-ray binaries EXO 1722-363 and OAO 1657-415](#)
 Author(s): Mason AB, Clark JS, Norton AJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 1 Pages: 281-286 Published: OCT 2009
- ◆ ESO (Paranal): VLT/ ISAAC
120. [No first ionization potential fractionation in the active stars AR Piscium and AY Ceti](#)
 Author(s): Sanz-Forcada J, Affer L, Micela G
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 1 Pages: 299-U340 Published: OCT 2009
- ◆ ESA: XMM-Newton
 - ◆ ORM: NOT
 - ◆ NASA: Chandra
 - ◆ NASA's Astrophysics Data System Abstract Service and the SIMBAD Database
121. [The second INTEGRAL AGN catalogue](#)
 Author(s): Beckmann V, Soldi S, Ricci C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 1 Pages: 417-439 Published: OCT 2009
- ◆ ESA: INTEGRAL
 - ◆ Swift data archive and INTEGRAL data archive
122. [SUPERSONIC DOWNFLOWS IN A SUNSPOT LIGHT BRIDGE](#)
 Author(s): Louis RE, Rubio LRB, Mathew SK, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 704 Issue: 1 Pages: L29-L33 Published: OCT 10 2009
- ◆ ESA: Hinode
123. [A SuperWASP search for additional transiting planets in 24 known systems](#)
 Author(s): Smith AMS, Hebb L, Cameron AC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 398 Issue: 4 Pages: 1827-1834 Published: OCT 1 2009
- ◆ ORM: superWASP

124. [Unabsorbed Seyfert 2 galaxies: the case of 'naked' AGN](#)
 Author(s): Panessa F, Carrera FJ, Bianchi S, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 398 Issue: 4 Pages: 1951-1960 Published: OCT 1 2009
- ◆ ESA: XMM-Newton
 - ◆ ESO (La Silla): NTT/ EMMI
 - ◆ NASA/IPAC Extragalactic Database (NED)
125. [Low-ionization pairs of knots in planetary nebulae: physical properties and excitation](#)
 Author(s): Goncalves DR, Mampaso A, Corradi RLM, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 398 Issue: 4 Pages: 2166-2176 Published: OCT 1 2009
- ◆ ORM: INT /IDS/ IPHAS; NOT/ALFOSC
 - ◆ ESA/NASA: Hubble
126. [M-BAND SPECTRA OF DUST-EMBEDDED SOURCES AT THE GALACTIC CENTER](#)
 Author(s): Moultaqa J, Eckart A, Schodel R
 Source: ASTROPHYSICAL JOURNAL Volume: 703 Issue: 2 Pages: 1635-1647 Published: OCT 1 2009
- ◆ ESO (Paranal): VLT-UT1/ ISAAC
127. [THE PROPERTIES OF QUASAR HOSTS AT THE PEAK OF THE QUASAR ACTIVITY](#)
 Author(s): Kotilainen JK, Falomo R, Decarli R, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 703 Issue: 2 Pages: 1663-1671 Published: OCT 1 2009
- ◆ ESO (Paranal): VLT-UT1/ ISAAC
 - ◆ 2MASS
 - ◆ NASA/IPAC Extragalactic Database (NED)
128. [Morphology and evolution of umbral dots and their substructures](#)
 Author(s): Sobotka M, Puschmann KG
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 2 Pages: 573-581 Published: SEP 2009
- ◆ ORM: SST
129. [The GASP-WEBT monitoring of 3C 454.3 during the 2008 optical-to-radio and gamma-ray outburst](#)
 Author(s): Villata M, Raiteri CM, Gurwell MA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 3 Pages: L9-L12 Published: SEP 2009
- ◆ ORM: KVA
 - ◆ CAHA

130. [The X-ray eclipse of the dwarf nova HT Cassiopeiae observed by the XMM-Newton satellite: spectral and timing analysis](#)
 Author(s): Nucita AA, Maiolo BMT, Carpano S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 3 Pages: 973-979 Published: SEP 2009
 ♦ [ESA: XMM-Newton](#)
131. [UNVEILING THE MAIN HEATING SOURCES IN THE CEPHEUS A HW2 REGION](#)
 Author(s): Jiménez-Serra I, Martín-Pintado J, Caselli P, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 703 Issue: 2
 Pages: L157-L161 Published: OCT 1 2009
 ♦ [IRAM: PdBI](#)
132. [SN 2008S: an electron-capture SN from a super-AGB progenitor?](#)
 Author(s): Botticella MT, Pastorello A, Smartt SJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 398 Issue: 3 Pages: 1041-1068 Published: SEP 21 2009
 ♦ [ORM: TNG/DOLORES/NICS; LT/RATCam; NOT/ALFOSC; INT; WHT;](#)
 ♦ [CAHA: 2.2m/CAFOS](#)
 ♦ NASA: Spitzer Space Telescope
 ♦ Otros: CAO; SAO; AZT24; MSKL; CRM; SLV; WOT; HP200
 ♦ NASA/IPAC Extragalactic Data base (NED)
133. [Internal dynamics of Abell 1240: a galaxy cluster with symmetric double radio relics](#)
 Author(s): Barrera R, Girardi M, Boschin W, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 503 Issue: 2 Pages: 357-371 Published: AUG 2009
 ♦ [ORM: TNG; INT](#)
 ♦ NASA/IPAC Extragalactic Database (NED)
 ♦ SDSS
134. [The zCOSMOS redshift survey: the role of environment and stellar mass in shaping the rise of the morphology-density relation from z similar to 1](#)
 Author(s): Tasca LAM, Kneib JP, Iovino A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 503 Issue: 2 Pages: 379-398 Published: AUG 2009
 ♦ [ESO \(Paranal\): VLT/ VIMOS](#)
135. [Characterization of the HD 17156 planetary system](#)
 Author(s): Barbieri M, Alonso R, Desidera S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 503 Issue: 2 Pages: 601-612 Published: AUG 2009
 ♦ [ORM: TNG](#)
 ♦ Asiago observatory
 ♦ Observatoire de Haute Provence
 ♦ Telast at IAC

136. [The triple system HIP 96515: a low-mass eclipsing binary with a DB white dwarf companion](#)
 Author(s): Huéramo N, Vaz LPR, Torres CAO, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 503 Issue: 3 Pages: 873-881 Published: SEP 2009
- ◆ ESO (Paranal): VLT /NACO
 - ◆ SIMBAD database
137. [The onset of solar cycle 24 What global acoustic modes are telling us](#)
 Author(s): Salabert D, Garcia RA, Palte PL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 1 Pages: L1-L4 Published: SEP 2009
- ◆ ESA/NASA: SOHO/ GOLF
138. [Multi-wavelength observations of the GRB 080319B afterglow and the modeling constraints](#)
 Author(s): Pandey SB, Castro-Tirado AJ, Jelinek M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 1 Pages: 45-51 Published: SEP 2009
- ◆ OT: IAC-80
 - ◆ ORM: Mercator; NOT/ ALFOOSC
 - ◆ IRAM: PdBI
 - ◆ 0.22 m telescope at Russia
 - ◆ 0.7 m telescope at of Kharkov University, Ukraine
 - ◆ 1.5 m telescope of Maidanak observatory Uzbekistan
 - ◆ 2.0 m IGO Telescope at IUCAA Pune, India
 - ◆ RATAN-600 Radio Telescope at Russia
 - ◆ RT-22 radio telescope of CrAO, Ukraine.
139. [The bolometric luminosity of type 2 AGN from extinction-corrected \[OIII\] No evidence of Eddington-limited sources](#)
 Author(s): Lamastra A, Bianchi S, Matt G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 1 Pages: 73-79 Published: SEP 2009
- ◆ ESA: XMM-Newton
 - ◆ CAHA: 2.2m
140. [The stellar population and complex structure of the bright-rimmed cloud IC 1396N](#)
 Author(s): Beltrán MT, Massi F, Lopez R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 1 Pages: 97-107 Published: SEP 2009
- ◆ ORM: TNG
 - ◆ NASA: Spitzer Space Telescope

141. [A deep look into the core of young clusters II. lambda-Orionis](#)
 Author(s): Bouy H, Huelamo N, Navascues DBY, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 1 Pages: 199-209 Published: SEP 2009
- ◆ ESO (Paranal): VLT/ MAD; VLT/ NACO
 - ◆ ESO (la Silla): NTT/ SOFI
 - ◆ CAHA: 3.5m/ Omega2000
 - ◆ CFHT
 - ◆ Subaru Telescope
 - ◆ NASA: Spitzer Space Telescope
 - ◆ Two Micron All Sky Survey
142. [Candidate planetary nebulae in the IPHAS photometric catalogue](#)
 Author(s): Viironen K, Greimel R, Corradi RLM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 504 Issue: 1 Pages: 291-301 Published: SEP 2009
- ◆ ORM: INT; NOT; WHT
(datos extraídos del IPHAS photometric catalogue)
143. [BINARY STARS WITH COMPONENTS OF SOLAR TYPE: 25 ORBITS AND SYSTEM MASSES](#)
 Author(s): Docobo JA, Ling JF
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 4 Pages: 1159-1170 Published: OCT 2009
- ◆ ESA: Hipparcos catalogue
 - ◆ WDS, SIDONe, and SIMBAD databases
144. [Gemini 3D spectroscopy of BAL plus IR plus Fe ii QSOs - II. IRAS 04505-2958, an explosive QSO with hypershells and a new scenario for galaxy formation and galaxy end phase](#)
 Author(s): Lípari S, Bergmann M, Sanchez SF, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 398 Issue: 2 Pages: 658-700 Published: SEP 11 2009
- ◆ ORM: WHT/ Integral
 - ◆ CAHA: 3.5m/ PMAS
 - ◆ ESA: Hubble
 - ◆ Gemini
145. [SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST](#)
 Author(s): Acciari VA, Aliu E, Aune T, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 703 Issue: 1 Pages: 169-178 Published: SEP 2009
- ◆ ORM: MAGIC
 - ◆ ESA:XMM-Newton,
 - ◆ VERITAS (Arizona)
 - ◆ FLWO:10m (Arizona)

146. [KINEMATICAL AND PHYSICAL PROPERTIES OF A 700 pc LARGE BUBBLE IN NGC 6946](#)
 Author(s): Gil MCS, Alfaro EJ, Perez E
 Source: ASTROPHYSICAL JOURNAL Volume: 702 Issue: 1 Pages: 141-153
 Published: SEP 1 2009
- ◆ ORM: WHT/ISIS; NOT
 - ◆ 6 m BTA/ Multi-pupil Fiber Spectrograph
 - ◆ 6 m SAO RAS telescope
 - ◆ Keck I 10 m telescope
147. [SEARCH FOR VHE gamma-RAY EMISSION FROM THE GLOBULAR CLUSTER M13 WITH THE MAGIC TELESCOPE](#)
 Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 702 Issue: 1 Pages: 266-269
 Published: SEP 1 2009
- ◆ ORM:MAGIC
148. [CARBON ABUNDANCE IN SMALL MAGELLANIC CLOUD PLANETARY NEBULAE THROUGH ADVANCED CAMERA FOR SURVEYS PRISM SPECTROSCOPY: CONSTRAINING STELLAR EVOLUTION AT LOW METALLICITY](#)
 Author(s): Stanghellini L, Lee TH, Shaw RA, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 702 Issue: 1 Pages: 733-744
 Published: SEP 1 2009
- ◆ ESA/NASA: Hubble/ ACS
149. [THE INFRARED NUCLEAR EMISSION OF SEYFERT GALAXIES ON PARSEC SCALES: TESTING THE CLUMPY TORUS MODELS](#)
 Author(s): Almeida CR, Levenson NA, Espinosa JMR, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 702 Issue: 2 Pages: 1127-1149
 Published: SEP 10 2009
- ◆ ESA/NASA: Hubble
 - ◆ Gemini Observatory
 - ◆ NASA: NED (NASA/IPAC Extragalactic Database); HEASARC (High Energy Astrophysics Science Archive Research Center)
150. [STAR-FORMING GALAXIES IN THE HERCULES CLUSTER: H alpha IMAGING OF A2151](#)
 Author(s): Cedrés B, Iglesias-Paramo J, Vilchez JM, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 3 Pages: 873-888
 Published: SEP 2009
- ◆ ORM: NOT/ALFOSC; WHT
 - ◆ NASA/IPAC Extragalactic Database (NED)

151. [CONTINUUM SUBTRACTING LYMAN-ALPHA IMAGES: LOW-REDSHIFT STUDIES USING THE SOLAR BLIND CHANNEL OF HST/ACS](#)
 Author(s): Hayes M, Ostlin G, Mas-Hesse JM, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 3 Pages: 911-922
 Published: SEP 2009
 ♦ ESA/NASA: Hubble/ ACS
152. [THE LYMAN ALPHA MORPHOLOGY OF LOCAL STARBURST GALAXIES: RELEASE OF CALIBRATED IMAGES](#)
 Author(s): Ostlin G, Hayes M, Kunth D, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 3 Pages: 923-940
 Published: SEP 2009
 ♦ ESA/NASA: Hubble/ ACS
153. [MULTIBAND COMPARATIVE STUDY OF OPTICAL MICROVARIABILITY IN RADIO-LOUD VERSUS RADIO-QUIET QUASARS](#)
 Author(s): Ramírez A, de Diego JA, Dultzin D, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 3 Pages: 991-1002
 Published: SEP 2009
 ♦ ORM: JKT
 ♦ CAHA: 1.5m
 ♦ San Pedro Mártir (México): 1.5m y 2.1m
154. [A VLT VIMOS study of the anomalous BCD Mrk 996: mapping the ionized gas kinematics and abundances](#)
 Author(s): James BL, Tsamis YG, Barlow MJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 398 Issue: 1 Pages: 2-22
 Published: SEP 1 2009
 ♦ ESO (Paranal): VLT-UT3/ VIMOS -IFU
155. [Stellar populations in the centres of brightest cluster galaxies](#)
 Author(s): Loubser SI, Sanchez-Blazquez P, Sansom AE, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 398 Issue: 1 Pages: 133-156
 Published: SEP 1 2009
 ♦ ORM: WHT
 ♦ Gemini
 ♦ NASA/IPAC Extragalactic Data base (NED)
156. [SBS 0335-052E+W: deep VLT/FORS plus UVES spectroscopy of the pair of the lowest-metallicity blue compact dwarf galaxies](#)
 Author(s): Izotov YI, Guseva NG, Fricke KJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 503 Issue: 1 Pages: 61-95
 Published: AUG 2009
 ♦ ESO (Paranal): VLT-UT3/ FORS1; VLT-UT2/ UVES
 ♦ CAHA: 2.2m (ya publicado, Lipovetsky et al. (1999))

157. [Molecular gas in NUClei of GALaxies \(NUGA\) XII. The head-on collision in NGC1961](#)
 Author(s): Combes F, Baker AJ, Schinnerer E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 503 Issue: 1 Pages: 73-86 Published: AUG 2009
 ♦ IRAM: PdBI
158. [Spitzer/IRAC view of Sh 2-284 Searching for evidence of triggered star formation in an isolated region in the outer Milky Way](#)
 Author(s): Puga E, Hony S, Neiner C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 503 Issue: 1 Pages: 107-U147 Published: AUG 2009
 ♦ ORM: INT/ WFC
 ♦ NASA: Spitzer/IRAC
159. [Discovery of a large and bright bow shock nebula associated with low-mass X-ray binary SAX J1712.6-3739](#)
 Author(s): Wiersema K, Russell DM, Degenaar N, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 397 Issue: 1 Pages: L6-L10 Published: JUL 21 2009
 ♦ ESO (La Silla): 3.6-m/ EFOSC2
 ♦ NASA: Chandra
160. [Radial velocity study of the post-period minimum cataclysmic variable SDSS J143317.78+101123.3 with an electron-multiplying CCD](#)
 Author(s): Tulloch SM, Rodriguez-Gil P, Dhillon VS
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 397 Issue: 1 Pages: L82-L86 Published: JUL 21 2009
 ♦ ORM: WHT
161. [The HST/ACS Coma Cluster Survey - V. Compact stellar systems in the Coma Cluster](#)
 Author(s): Price J, Phillipps S, Huxor A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 397 Issue: 4 Pages: 1816-1835 Published: AUG 21 2009
 ♦ ESA/NASA: Hubble/ ACS
 ♦ MMT Observatory
162. [Microlensing variability in FBQ 0951+2635: short-time-scale events or a long-time-scale fluctuation ?](#)
 Author(s): Shalyapin VN, Goicoechea LJ, Koptelova E, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 397 Issue: 4 Pages: 1982-1989 Published: AUG 21 2009
 ♦ ORM: LT
 ♦ Maidanak (Uzbekistan): 1.5-m AZT-22 Telescope

163. [The edge of the M87 halo and the kinematics of the diffuse light in the Virgo cluster core](#)
 Author(s): Doherty M, Arnaboldi M, Das P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 3 Pages: 771-786 Published: AUG 2009
 ♦ ESO (Paranal): VLT (UT2)/FLAMES
164. [Polarisation of very-low-mass stars and brown dwarfs I. VLT/FORS1 optical observations of field ultra-cool dwarfs](#)
 Author(s): Goldman B, Pitann J, Osorio MRZ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 3 Pages: 929-936 Published: AUG 2009
 ♦ ESO (Paranal) VLT-UT2/FORS1
165. [The magnetic flux of the quiet Sun internetwork as observed with the Tenerife infrared polarimeter](#)
 Author(s): Beck C, Rezaei R
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 3 Pages: 969-U271 Published: AUG 2009
 ♦ OT: VTT
166. [The young stellar population of IC 1613 I. A new catalogue of OB associations](#)
 Author(s): García M, Herrero A, Vicente B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 3 Pages: 1015-1041 Published: AUG 2009
 ♦ ORM: INT/WFC
 ♦ ESO (Paranal): VLT/VIMOS
167. [ON THE ANTICORRELATION BETWEEN GALAXY LIGHT CONCENTRATION AND X-RAY-TO-OPTICAL FLUX RATIO](#)
 Author(s): Povic M, Sanchez-Portal M, Garcia AMP, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 702 Issue: 1 Pages: L51-L55 Published: SEP 1 2009
 ♦ ESA: XMM-Newton
 ♦ SXDS Public Suprime-Cam Data Release
168. [Solar Surface Magnetism and Irradiance on Time Scales from Days to the 11-Year Cycle](#)
 Author(s): Domingo V, Ermolli I, Fox P, et al.
 Source: SPACE SCIENCE REVIEWS Volume: 145 Issue: 3-4 Pages: 337-380 Published: JUL 2009
 ♦ ESA/NASA: SoHo
 ♦ Otras misiones: NIMBUS 7; SMM; UARS; SoRCE; SOLSTICE; etc

169. [A SPECTROSCOPIC CENSUS OF THE M82 STELLAR CLUSTER POPULATION](#)
 Author(s): Konstantopoulos IS, Bastian N, Smith LJ, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 701 Issue: 2 Pages: 1015-1031 Published: AUG 20 2009
- ◆ [ESA/NASA: Hubble](#)
 - ◆ Gemini Observatory
170. [EVIDENCE FOR QUASI-ISOTROPIC MAGNETIC FIELDS FROM HINODE QUIET-SUN OBSERVATIONS](#)
 Author(s): Ramos AA
 Source: ASTROPHYSICAL JOURNAL Volume: 701 Issue: 2 Pages: 1032-1043 Published: AUG 20 2009
- ◆ [ESA:Hinode](#)
171. [THE ULTRAVIOLET SPECTRUM AND PHYSICAL PROPERTIES OF THE MASS DONOR STAR IN HD 226868=Cygnus X-1](#)
 Author(s): Caballero-Nieves SM, Gies DR, Bolton CT, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 701 Issue: 2 Pages: 1895-1905 Published: AUG 20 2009
- ◆ [ESA:Hubble](#)
172. [Uncovering the kiloparsec-scale stellar ring of NGC 5128](#)
 Author(s): Kainulainen JT, Alves JF, Beletsky Y, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 2 Pages: L5-U16 Published: AUG 2009
- ◆ [ESO \(La Silla\): NTT/ SOFI](#)
 - ◆ [ESO \(Paranal\): VLT-Yepun/NACO](#)
173. [The stellar population of the star-forming region G61.48+0.09](#)
 Author(s): Marin-Franch A, Herrero A, Lenorzer A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 2 Pages: 559-U196 Published: AUG 2009
- ◆ [ORM: WHT/ LIRIS](#)
174. [SUPERSONIC CONTINUATION OF THE EVERSLED FLOW OUTSIDE A SUNSPOT AS OBSERVED WITH HINODE](#)
 Author(s): Pillet VM, Katsukawa Y, Puschmann KG, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 701 Issue: 2 Pages: L79-L82 Published: AUG 20 2009
- ◆ [ESA: Hinode](#)
175. [Adaptive optics parameters connection to wind speed at the Teide Observatory](#)
 Author(s): García-Lorenzo B, Eff-Darwich A, Fuensalida JJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 397 Issue: 3 Pages: 1633-1646 Published: AUG 11 2009
- ◆ [OT: TCS](#)

176. [The IPHAS-POSS-I proper motion survey of the Galactic plane](#)
 Author(s): Deacon NR, Groot PJ, Drew JE, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 397 Issue: 3 Pages: 1685-1694 Published: AUG 11 2009
 ♦ ORM: INT
177. [A PUBLIC, K-SELECTED, OPTICAL-TO-NEAR-INFRARED CATALOG OF THE EXTENDED CHANDRA DEEP FIELD SOUTH \(ECDFS\) FROM THE MULTIWAVELENGTH SURVEY BY YALE-CHILE \(MUSYC\)](#)
 Author(s): Taylor EN, Franx M, van Dokkum PG, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 183
 Issue: 2 Pages: 295-319 Published: AUG 2009
 ♦ ESO (La Silla): NTT/ SOFI; 2.2 m MPG
 ♦ ESO (Paranal): VLT/ ISAAC
 ♦ ESA/NASA: Hubble/ ACS
 ♦ CAHA: 3,5m
 ♦ CTIO 4m Blanco telescope
 ♦ NASA: Chandra (indirecto)
178. [The nuclear star cluster of the Milky Way: proper motions and mass](#)
 Author(s): Schödel R, Merritt D, Eckart A
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 1 Pages: 91-
 U139 Published: JUL 2009
 ♦ ESO (Paranal): VLT/ NAOS-CONICA
179. [New young planetary nebulae in IPHAS](#)
 Author(s): Viironen K, Mampaso A, Corradi RLM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 1 Pages:
 113-129 Published: JUL 2009
 ♦ ORM: INT; WHT; NOT
 ♦ San Pedro Mártir (México): SPM2.1 m
180. [A spatial study of the mid-IR emission features in four Herbig Ae/Be stars](#)
 Author(s): Boersma C, Peeters E, Martin-Hernandez NL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 1 Pages:
 175-187 Published: JUL 2009
 ♦ ESO (La Silla): 3,6m/ TIMMI2
 ♦ ESO (Paranal): VLT/ VISIR
 ♦ ESA: ISO/ SWS
 ♦ NASA: Spitzer Space Telescope/ IRAC
181. [The 0.5M\(J\) transiting exoplanet WASP-13b](#)
 Author(s): Skillen I, Pollacco D, Cameron AC, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 1 Pages:
 391-394 Published: JUL 2009
 ♦ ORM: SuperWASP-N; NOT
 ♦ SuperWASP-S
 ♦ Observatoire de Haute Provence

182. [The sub-Jupiter mass transiting exoplanet WASP-11b](#)
 Author(s): West RG, Cameron AC, Hebb L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 502 Issue: 1 Pages: 395-400 Published: JUL 2009
- ◆ ORM: SuperWASP-N; NOT; LT
 - ◆ SuperWASP-S
 - ◆ Observatoire de Haute Provence : 1.93m/ SOPHIE
183. [A solar storm observed from the Sun to Venus using the STEREO, Venus Express, and MESSENGER spacecraft](#)
 Author(s): Rouillard AP, Davies JA, Forsyth RJ, et al.
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS Volume: 114 Article Number: A07106 Published: JUL 21 2009
- ◆ ESA: Venus Express
 - ◆ STEREO/SECCHI
 - ◆ NASA: MESSENGER
184. [NTT, SPITZER, AND CHANDRA SPECTROSCOPY OF SDSSJ095209.56+214313.3: THE MOST LUMINOUS CORONAL-LINE SUPERNOVA EVER OBSERVED, OR A STELLAR TIDAL DISRUPTION EVENT?](#)
 Author(s): Komossa S, Zhou H, Rau A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 701 Issue: 1 Pages: 105-121 Published: AUG 10 2009
- ◆ ESO (La Silla): NTT ; 2.2m MPI/ GROND
 - ◆ ESA: XMM-Newton (archivo)
 - ◆ NASA: Spitzer; Chandra; ROSAT (archivo) ; Swift (archivo) ; GALEX (archivo)
 - ◆ NVSS (NRAO VLA Sky Survey) (archivo)
 - ◆ the Xinglong telescope
 - ◆ 2MASS (archivo)
185. [CAIXA: a catalogue of AGN in the XMM-Newton archive II. Multiwavelength correlations](#)
 Author(s): Bianchi S, Bonilla NF, Guainazzi M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 3 Pages: 915-924 Published: JUL 2009
- ◆ ESA: XMM-Newton
186. [Magnetic field strength of active region filaments](#)
 Author(s): Kuckein C, Centeno R, Pillet VM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 3 Pages: 1113-1121 Published: JUL 2009
- ◆ OT: VTT

187. [Searching for heavily obscured post-AGB stars and planetary nebulae I. IRAS candidates with 2MASS PSC counterparts](#)
 Author(s): Ramos-Larios G, Guerrero MA, Suarez O, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 3 Pages: 1207-1257 Published: JUL 2009
- ◆ ESA: IRAS
 - ◆ NASA: Spitzer Space Telescope
 - ◆ SIMBAD database
 - ◆ 2MASS
 - ◆ MSX
188. [The peculiar X-ray source in NGC 5281](#)
 Author(s): Marco A, Negueruela I, Ribo M, et al.
 Source: ADVANCES IN SPACE RESEARCH Volume: 44 Issue: 3 Pages: 348-354 Published: AUG 4 2009
- ◆ ESO (La Silla): NTT/ EMMI
 - ◆ ESO (Paranal): VLT/ FORS1
 - ◆ South African Astronomical Observatory
 - ◆ 2MASS
189. [ON THE HEATING EFFICIENCY DERIVED FROM OBSERVATIONS OF YOUNG SUPER STAR CLUSTERS IN M82](#)
 Author(s): Silich S, Tenorio-Tagle G, Torres-Campos A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 700 Issue: 2 Pages: 931-936 Published: AUG 1 2009
- ◆ CAHA: 3.5m/ PMAS
 - ◆ ESA/NASA: Hubble
190. [A TRANSIT TIMING ANALYSIS OF NINE RISE LIGHT CURVES OF THE EXOPLANET SYSTEM TrES-3](#)
 Author(s): Gibson NP, Pollacco D, Simpson EK, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 700 Issue: 2 Pages: 1078-1085 Published: AUG 1 2009
- ◆ ORM: LT/ RISE
191. [EMERGENCE OF SMALL-SCALE MAGNETIC LOOPS THROUGH THE QUIET SOLAR ATMOSPHERE](#)
 Author(s): González MJM, Rubio LRB
 Source: ASTROPHYSICAL JOURNAL Volume: 700 Issue: 2 Pages: 1391-1403 Published: AUG 1 2009
- ◆ ESA: Hinode
 - ◆ ORM: DOT

192. [2MASS J17112318-2724315: A DEEPLY EMBEDDED LOW-MASS PROTOSTELLAR SYSTEM IN THE B59 MOLECULAR CLOUD](#)
 Author(s): Riaz B, Martin EL, Bouy H, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 700 Issue: 2 Pages: 1541-1551 Published: AUG 1 2009
- ◆ ESO (Paranal): VLT/ ISAAC (archivo)
 - ◆ NASA:Spitzer Space Telescope
 - ◆ 2MASS
193. [The correlated optical and radio variability of BL Lacertae WEBT data analysis 1994-2005](#)
 Author(s): Villata M, Raiteri CM, Larionov VM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 2 Pages: 455-460 Published: JUL 2009
- ◆ 20 telescopios de 16 observatorios:
 - ◆ ORM: LT; NOT; TNG; KVA
 - ◆ Medicina and Noto radio telescopes
194. [The galaxy major merger fraction to z similar to 1](#)
 Author(s): López-Sanjuan C, Balcells M, Perez-Gonzalez PG, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 2 Pages: 505-518 Published: JUL 2009
- ◆ ESA/NASA: Hubble/ ACS
 - ◆ Spitzer
195. [Variability of the polarization profiles of the Ba II D-2 line in the solar atmosphere](#)
 Author(s): Ariste AL, Ramos AA, Sainz RM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 2 Pages: 729-734 Published: JUL 2009
- ◆ OT: THEMIS
196. [The diverse nature of optical emission lines in brightest cluster galaxies: IFU observations of the central kiloparsec](#)
 Author(s): Edwards LOV, Robert C, Molla M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 396 Issue: 4 Pages: 1953-1971 Published: JUL 11 2009
- ◆ ORM: WHT/ OASIS
 - ◆ Gemini telescopes/ GMOS IFU
197. [New multiply-lensed galaxies identified in ACS/NIC3 observations of Cl0024+1654 using an improved mass model](#)
 Author(s): Zitrin A, Broadhurst T, Umetsu K, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 396 Issue: 4 Pages: 1985-2002 Published: JUL 11 2009
- ◆ ESA/NASA: Hubble/ ACS

198. [The non-peculiar velocity dispersion profile of the stellar system omega Centauri](#)
 Author(s): Sollima A, Bellazzini M, Smart RL, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 396 Issue: 4 Pages: 2183-2193 Published: JUL 11 2009
 ♦ ESO (Paranal): VLT/ FLAMES
199. [The origin of the diffuse non-thermal X-ray and radio emission in the Ophiuchus cluster of galaxies](#)
 Author(s): Pérez-Torres MA, Zandanel F, Guerrero MA, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 396 Issue: 4 Pages: 2237-2248 Published: JUL 11 2009
 ♦ ESA: XMM-Newton (archivo); INTEGRAL (archivo)
 ♦ Giant Metrewave Radio Telescope (GMRT)
 ♦ NRAO: VLA
 ♦ NASA: Chandra (archivo)
 ♦ NASA/IPAC Extragalactic Data base (NED)
200. [On the derivation of dynamical masses of the stellar clusters in the circumnuclear region of NGC 2903](#)
 Author(s): Hagele GF, Diaz AI, Cardaci MV, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 396 Issue: 4 Pages: 2295-2312 Published: JUL 11 2009
 ♦ ORM: WHT/ ISIS
 ♦ MAST (Multimission Archive at the Space Telescope Science Institute)
 ♦ NASA/IPAC Extragalactic Data base (NED)
201. [MID-IR LUMINOSITIES AND UV/OPTICAL STAR FORMATION RATES AT \$z < 1.4\$](#)
 Author(s): Salim S, Dickinson M, Rich RM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 700 Issue: 1 Pages: 161-182
 Published: JUL 20 2009
 ♦ data from the AEGIS, a multiwavelength sky survey conducted with the Chandra, GALEX, Hubble (ESA), Keck, CFHT,MMT, Subaru, Palomar, Spitzer, VLA, and other telescopes and supported in part by the NSF, NASA, and the STFC
202. [DETECTION OF SUPERSONIC HORIZONTAL FLOWS IN THE SOLAR GRANULATION](#)
 Author(s): Bellot Rubio LR
 Source: ASTROPHYSICAL JOURNAL Volume: 700 Issue: 1 Pages: 284-291
 Published: JUL 20 2009
 ♦ ESA: Hinode
203. [KECK HIRES SPECTROSCOPY OF EXTRAGALACTIC H II REGIONS: C AND O ABUNDANCES FROM RECOMBINATION LINES](#)
 Author(s): Esteban C, Bresolin F, Peimbert M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 700 Issue: 1 Pages: 654-678
 Published: JUL 20 2009
 ♦ ORM: WHT
 ♦ Mauna Kea Observatory: Keck I /HIRES

204. [Detailed radio to soft gamma-ray studies of the 2005 outburst of the new X-ray transient XTE J1818-245](#)
 Author(s): Bel MC, Prat L, Rodriguez J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 1 Pages: 1-13 Published: JUL 2009
- ◆ ESA: INTEGRAL
 - ◆ ESO (La Silla): NTT/EMMI
 - ◆ Otros: RXTE; Swift; REM; VLA; VLBA
205. [The host in blue compact galaxies. Structural properties and scaling relations](#)
 Author(s): Amorin R, Alfonso J, Aguerri L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 1 Pages: 75-U113 Published: JUL 2009
- ◆ ORM: NOT
 - ◆ CAHA: ??
 - ◆ NASA/IPAC Extragalactic Database (NED)
206. [The X-ray view of giga-hertz peaked spectrum radio galaxies](#)
 Author(s): Tengstrand O, Guainazzi M, Siemiginowska A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 1 Pages: 89-102 Published: JUL 2009
- ◆ ESA: XMM-Newton
 - ◆ High Energy Astrophysics Science Archive Research Centre Online Service
 - ◆ NASA/IPAC Extragalactic Database (NED)
207. [A deep XMM-Newton serendipitous survey of a middle-latitude area II. New deeper X-ray and optical observations](#)
 Author(s): Novara G, La Palombara N, Mignani RP, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 1 Pages: 103-118 Published: JUL 2009
- ◆ ESA: XMM-Newton
 - ◆ ESO (La Silla): 2.2m MPG/ WFI
 - ◆ 2MASS
208. [Radial distribution of near-UV flux in disc galaxies in the range 0 less than or similar to z less than or similar to 1](#)
 Author(s): Azzollini R, Beckman JE, Trujillo I
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 1 Pages: 119-144 Published: JUL 2009
- ◆ ESA/NASA: Hubble (HST/ACS-GOODS-South.)
 - ◆ NASA:GALEX
 - ◆ SDSS
209. [The H alpha galaxy survey VII. The spatial distribution of star formation within disks and bulges](#)
 Author(s): James PA, Bretherton CF, Knapen JH
 Source: ASTRONOMY & ASTROPHYSICS Volume: 501 Issue: 1 Pages: 207-220 Published: JUL 2009
- ◆ ORM. JKT

- ◆ NASA/IPAC Extragalactic Database (NED)

- 210. [EXO-DAT: AN INFORMATION SYSTEM IN SUPPORT OF THE CoRoT/EXOPLANET SCIENCE](#)
 Author(s): Deleuil M, Meunier JC, Moutou C, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 2 Pages: 649-663
 Published: AUG 2009
- ◆ ESA: COROT

- 211. [THE ACS NEARBY GALAXY SURVEY TREASURY](#)
 Author(s): Dalcanton JJ, Williams BF, Seth AC, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 183
 Issue: 1 Pages: 67-108 Published: JUL 2009
- ◆ ESA/NASA: Hubble/ ACS
- ◆ NASA/IPAC Infrared Science Archive
- ◆ NASA/IPAC Extragalactic Database (NED)

- 212. [THE ACS LCID PROJECT. I. SHORT-PERIOD VARIABLES IN THE ISOLATED DWARF SPHEROIDAL GALAXIES CETUS AND TUCANA](#)
 Author(s): Bernard EJ, Monelli M, Gallart C, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 699 Issue: 2 Pages: 1742-1764
 Published: JUL 10 2009
- ◆ ESA/NASA: Hubble /ACS/ WFPC2

- 213. [Modeling mm- to X-ray flare emission from Sagittarius A*](#)
 Author(s): Eckart A, Baganoff FK, Morris MR, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 500 Issue: 3 Pages: 935-946
 Published: JUN 2009
- ◆ ESO (Paranal). VLT/ CONICA
- ◆ SMA
- ◆ NRAO: VLA
- ◆ NASA: Chandra X-ray Observatory/ACIS-I

- 214. [A new population of cool stars and brown dwarfs in the Lupus clouds](#)
 Author(s): Comeron F, Spezzi L, Marti BL
 Source: ASTRONOMY & ASTROPHYSICS Volume: 500 Issue: 3 Pages: 1045-U140
 Published: JUN 2009
- ◆ ESO (La Silla): 2.2m MPI /WFI
- ◆ Spitzer Space Telescope archival data
- ◆ SIMBAD database
- ◆ 2MASS

- 215. [Rotational spectrum of C-13\(2\)-methyl formate \(\(HCOOCH3\)-C-13\) and detection of the two C-13-methyl formate in Orion](#)
 Author(s): Carvajal M, Margules L, Tercero B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 500 Issue: 3 Pages: 1109-1118
 Published: JUN 2009
- ◆ IRAM: 30m

216. [Near-infrared follow-up to the May 2008 activation of SGR 1627-41](#)
 Author(s): Postigo AD, Castro-Tirado AJ, Covino S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 500 Issue: 3 Pages: 1157-1161 Published: JUN 2009
- ◆ ESO (Paranal). VLT-Yepun/ NACO
 - ◆ La Silla (no ESO): 0.6m REM/ REMIR
217. [Venus express: Highlights of the nominal mission](#)
 Author(s): Titov DV, Svedhem H, Taylor FW, et al.
 Source: SOLAR SYSTEM RESEARCH Volume: 43 Issue: 3 Pages: 185-209
 Published: JUN 2009
- ◆ ESA: Venus Express
218. [Brightness power spectral distribution and waves in Jupiter's upper cloud and hazes](#)
 Author(s): Barrado-Izagirre N, Perez-Hoyos S, Sanchez-Lavega A
 Source: ICARUS Volume: 202 Issue: 1 Pages: 181-196 Published: JUL 2009
- ◆ ESA: Cassini/ ISS; Hubble/WFPC2
 - ◆ NASA's Planetary Data System
219. [Gravity waves in Jupiter's equatorial clouds observed by the Galileo orbiter](#)
 Author(s): Arregi J, Rojas JF, Hueso R, et al.
 Source: ICARUS Volume: 202 Issue: 1 Pages: 358-360 Published: JUL 2009
- ◆ ESA: Cassini
 - ◆ NASA: Galileo
220. [High-precision multi-band measurements of the angular clustering of X-ray sources](#)
 Author(s): Ebrero J, Mateos S, Stewart GC, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 500 Issue: 2 Pages: 749-762 Published: JUN 2009
- ◆ ESA: XMM-Newton
221. [The first two transient supersoft X-ray sources in M 31 globular clusters and the connection to classical novae](#)
 Author(s): Henze M, Pietsch W, Haberl F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 500 Issue: 2 Pages: 769-779 Published: JUN 2009
- ◆ ESA: XMM-Newton
 - ◆ NASA: Chandra; Swift
 - ◆ NASA/IPAC Extragalactic Database (NED)
 - ◆ Digitized Sky Surveys
222. [ON THE STELLAR CONTENT OF THE STARBURST GALAXY IC10](#)
 Author(s): Sanna N, Bono G, Stetson PB, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 699 Issue: 2
 Pages: L84-L87 Published: JUL 10 2009
- ◆ ESA: Hubble/ ACS/ WFPC2

223. [An asteroseismic study of the beta Cephei star 12 Lacertae: multisite spectroscopic observations, mode identification and seismic modelling](#)
 Author(s): Desmet M, Briquet M, Thoul A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 396 Issue: 3 Pages: 1460-1472 Published: JUL 1 2009
- ◆ ORM: NOT
 - ◆ Otros 7 telescopios
224. [SDSS absolute magnitudes for thin-disc stars based on trigonometric parallaxes](#)
 Author(s): Bilir S, Karaali S, Ak S, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 396 Issue: 3 Pages: 1589-1595 Published: JUL 1 2009
- ◆ ESA: Hipparcos catalogue
 - ◆ SDSS
225. [AK SCO, FIRST DETECTION OF A HIGHLY DISTURBED ATMOSPHERE IN A PRE-MAIN-SEQUENCE CLOSE BINARY](#)
 Author(s): de Castro AIG
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 698 Issue: 2
 Pages: L108-L111 Published: JUN 20 2009
- ◆ ESA/NASA: Hubble/STIS
226. [RESOLVED DUST EMISSION IN A QUASAR AT \$z=3.65\$](#)
 Author(s): Clements DL, Petitpas G, Farrah D, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 698 Issue: 2
 Pages: L188-L191 Published: JUN 20 2009
- ◆ IRAM: 30m
 - ◆ James Clerk Maxwell Telescope (JCMT)
227. [Three frontside full halo coronal mass ejections with a nontypical geomagnetic response](#)
 Author(s): Rodriguez L, Zhukov AN, Cid C, et al.
 Source: SPACE WEATHER-THE INTERNATIONAL JOURNAL OF RESEARCH AND APPLICATIONS Volume: 7 Article Number: S06003
 Published: JUN 11 2009
- ◆ ESA/NASA: SOHO
228. [Electric Fields and Magnetic Fields in the Plasmasphere: A Perspective From CLUSTER and IMAGE](#)
 Author(s): Matsui H, Foster JC, Carpenter DL, et al.
 Source: SPACE SCIENCE REVIEWS Volume: 145 Issue: 1-2 Pages: 107-135
 Published: MAY 2009
- ◆ ESA: CLUSTER
 - ◆ NASA: IMAGE

229. [PHL 1092 as a transient extreme X-ray weak quasar](#)
 Author(s): Miniutti G, Fabian AC, Brandt WN, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 396 Issue: 1 Pages: L85-L89 Published: JUN 11 2009
 ♦ [ESA: XMM-Newton](#)
230. [The spatial distribution of galaxies within the cosmic microwave background cold spot in the Corona Borealis supercluster](#)
 Author(s): Padilla-Torres CP, Gutierrez CM, Rebolo R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 396 Issue: 1 Pages: 53-60 Published: JUN 11 2009
 ♦ [OT: VSA](#)
 ♦ SDSS-Data Release 6 (DR6) Catalogue Archive Server
231. [NGC 2770: A SUPERNOVA Ib FACTORY?](#)
 Author(s): Thone CC, Michalowski MJ, Leloudas G, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 698 Issue: 2 Pages: 1307-1320 Published: JUN 20 2009
 ♦ [ESO \(Paranal\): VLT/FORS2](#)
 ♦ [ORM: NOT/ ALFOSC](#)
 ♦ NASA: Galax (archivo)
 ♦ SDSS
 ♦ NASA Extragalactic Database (NED)
232. [THE H alpha GALAXY SURVEY. VIII. CLOSE COMPANIONS AND INTERACTIONS, AND THE DEFINITION OF STARBURSTS](#)
 Author(s): Knapen JH, James PA
 Source: ASTROPHYSICAL JOURNAL Volume: 698 Issue: 2 Pages: 1437-1455 Published: JUN 20 2009
 ♦ [ORM: JKT](#)
 ♦ NASA/IPAC Extragalactic Database (NED)
233. [BARRED GALAXIES IN THE ABELL 901/2 SUPERCLUSTER WITH STAGES](#)
 Author(s): Marinova I, Jogee S, Heiderman A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 698 Issue: 2 Pages: 1639-1658 Published: JUN 20 2009
 ♦ [ESA: Hubble/ ACS; XMM-Newton](#)
 ♦ [ESO \(La Silla\): 2.2m MPG/ WFI \(COMBO-17\)](#)
 ♦ NASA: Spitzer
234. [NEAR-IR INTEGRAL FIELD SPECTROSCOPY STUDY OF THE STAR FORMATION AND AGN OF THE LIRG NGC 5135](#)
 Author(s): Bedregal AG, Colina L, Alonso-Herrero A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 698 Issue: 2 Pages: 1852-1871 Published: JUN 20 2009
 ♦ [ESO \(Paranal\): VLT-Yepun/SINFONI](#)

235. [The REFLEX galaxy cluster survey VIII. Spectroscopic observations and optical atlas](#)
 Author(s): Guzzo L, Schuecker P, Bohringer H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 499 Issue: 2 Pages: 357-369 Published: MAY 2009
- ◆ ESO (La Silla): 1.5m; 2.2m MPI/ EFOSC2; 3.6m/ EFOSC1/ EFOSC2
 - ◆ NASA/IPAC Extragalactic Database (NED)
236. [Composition of the galactic center star cluster Population analysis from adaptive optics narrow band spectral energy distributions](#)
 Author(s): Buchholz RM, Schodel R, Eckart A
 Source: ASTRONOMY & ASTROPHYSICS Volume: 499 Issue: 2 Pages: 483-501 Published: MAY 2009
- ◆ ESO (Paranal): VLT/NACO
237. [A deep multi-band investigation of IC 2391](#)
 Author(s): Spezzi L, Pagano I, Marino G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 499 Issue: 2 Pages: 541-555 Published: MAY 2009
- ◆ ESO (La Silla): 2.2m/ WFI
 - ◆ SIMBAD database and WEBDA database
238. [Lucky Imaging of M subdwarfs](#)
 Author(s): Lodieu N, Osorio MRZ, Martin EL
 Source: ASTRONOMY & ASTROPHYSICS Volume: 499 Issue: 3 Pages: 729-736 Published: JUN 2009
- ◆ ORM: WHT/ LIRIS
 - ◆ CAHA: 2.2m/ AstraLux
 - ◆ ESA: Hubble (datos indirectos)
 - ◆ Simbad database
 - ◆ 2MASS
239. [Molecular outflows towards O-type young stellar objects](#)
 Author(s): Lopez-Sepulcre A, Codella C, Cesaroni R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 499 Issue: 3 Pages: 811-825 Published: JUN 2009
- ◆ IRAM: 30m
240. [A VERY LARGE TELESCOPE/NACO STUDY OF STAR FORMATION IN THE MASSIVE EMBEDDED CLUSTER RCW 38](#)
 Author(s): DeRose KL, Bourke TL, Gutermuth RA, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 1 Pages: 33-45 Published: JUL 2009
- ◆ ESO (Paranal): VLT (Yepun) / NACO

241. [YOUNG STELLAR POPULATIONS AND STAR CLUSTERS IN NGC 1705](#)
 Author(s): Annibali F, Tosi M, Monelli M, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 138 Issue: 1 Pages: 169-183
 Published: JUL 2009
 ♦ [ESA/NASA: Hubble](#)
242. [COLLISIONAL DEBRIS AS LABORATORIES TO STUDY STAR FORMATION](#)
 Author(s): Boquien M, Duc PA, Wu Y, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 6 Pages: 4561-4576
 Published: JUN 2009
 ♦ [ESO \(La Silla\): NTT/EMMI](#)
 ♦ NASA: GALEX; Spitzer
 ♦ Canada-France-Hawaii Telescope (CFHT)
 ♦ NASA/IPAC Extragalactic Database (NED)
243. [HERACLES: THE HERA CO LINE EXTRAGALACTIC SURVEY](#)
 Author(s): Leroy AK, Walter F, Bigiel F, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 6 Pages: 4670-4696
 Published: JUN 2009
 ♦ [IRAM: 30m /HERA](#)
 ♦ NASA/IPAC Extragalactic Database (NED)
244. [THE CANADA-FRANCE ECLIPTIC PLANE SURVEY-L3 DATA RELEASE: THE ORBITAL STRUCTURE OF THE KUIPER BELT](#)
 Author(s): Kavelaars JJ, Jones RL, Gladman BJ, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 6 Pages: 4917-4935
 Published: JUN 2009
 ♦ Canada-France-Hawaii Telescope Legacy Survey (LS-VW)
 ♦ CADC KPNO Palomar CTIO
 ♦ Follow-up/Tracking Observations: [ORM: NOT](#); [CAHA: 2.2m](#); [ESO: 2.2m MPI](#), [VLT-UT1](#); otros (WIYN 3.5 m; Mayall 3.8 m; KPNO 2 m; Hale 5 m; Gemini 8 m)
245. [TIDALLY INDUCED OUTBURSTS IN OJ 287 DURING 2005-2008](#)
 Author(s): Valtonen MJ, Nilsson K, Villforth C, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 698 Issue: 1 Pages: 781-785
 Published: JUN 10 2009
 ♦ [CAHA: 2.2m/ CAFOS](#)
 ♦ [ORM: NOT/ ALFOSC; KVA](#)
 ♦ Otros 11 telescopios ópticos
246. [Parameters of the components of visually close binary systems: Hip 11352](#)
 Author(s): Al-Wardat MA
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 330 Issue: 4 Pages: 385-389
 Published: MAY 2009
 ♦ [ESA: Hipparcos \(Hipparcos and Tycho Catalogues\)](#)

247. [Absolute parameters of the Algol binary Z Vul](#)
 Author(s): Lazaro C, Arevalo MJ, Almenara JM
 Source: NEW ASTRONOMY Volume: 14 Issue: 6 Pages: 528-538
 Published: AUG 2009
- ◆ ORM: INT
 - ◆ OT: TCS
248. [UPPER LIMITS ON THE VHE GAMMA-RAY EMISSION FROM THE WILLMAN 1 SATELLITE GALAXY WITH THE MAGIC TELESCOPE](#)
 Author(s): Aliu E, Anderhub H, Antonelli LA, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 697 Issue: 2 Pages: 1299-1304
 Published: JUN 1 2009
- ◆ ORM:MAGIC
249. [ROLE OF GALAXY MERGERS IN COSMIC STAR FORMATION HISTORY](#)
 Author(s): Shi Y, Rieke G, Lotz J, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 697 Issue: 2 Pages: 1764-1783
 Published: JUN 1 2009
- ◆ ESA/NASA: Hubble/ ACS
 - ◆ NASA: Spitzer
 - ◆ FORS2 catalog and VIMOS catalog
250. [BRIGHT STRONGLY LENSED GALAXIES AT REDSHIFT \$z\$ similar to 6-7 BEHIND THE CLUSTERS ABELL 1703 AND CL0024+16](#)
 Author(s): Zheng W, Bradley LD, Bouwens RJ, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 697 Issue: 2 Pages: 1907-1917
 Published: JUN 1 2009
- ◆ ESA/NASA: Hubble/ ACS/ WFPC2/ NICMOS
 - ◆ ESO (Paranal): VLT/ ISAAC (indirectos)
 - ◆ Gemini-North/NIRI
 - ◆ Magellan/PANIC
251. [HISTORY OF GALAXY INTERACTIONS AND THEIR IMPACT ON STAR FORMATION OVER THE LAST 7 Gyr FROM GEMS](#)
 Author(s): Jøgee S, Miller SH, Penner K, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 697 Issue: 2 Pages: 1971-1992
 Published: JUN 1 2009
- ◆ ESA/NASA: Hubble/ ACS
 - ◆ ESO (La Silla): 2.2m MPG/ WFI (COMBO-17)
 - ◆ NASA: Spitzer
252. [The nature of HH 223 from long-slit spectroscopy](#)
 Author(s): López R, Estalella R, Gomez G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 3 Pages: 761-769
 Published: MAY 2009
- ◆ ORM: NOT/ ALFOSC

253. [The ionization fraction gradient across the Horsehead edge: an archetype for molecular clouds](#)
 Author(s): Goicoechea JR, Pety J, Gerin M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 3 Pages: 771-783 Published: MAY 2009
 ♦ IRAM: 30m; PdBI
254. [Precessing planetary magnetospheres in SiO stars? First detection of quasi-periodic polarization fluctuations in R Leonis and V Camelopardalis](#)
 Author(s): Wiesemeyer H, Thum C, Baudry A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 3 Pages: 801-810 Published: MAY 2009
 ♦ IRAM: 30m
255. [Quantifying the contamination by old main-sequence stars in young moving groups: the case of the Local Association](#)
 Author(s): López-Santiago J, Micela G, Montes D
 Source: ASTRONOMY & ASTROPHYSICS Volume: 499 Issue: 1 Pages: 129-135 Published: MAY 2009
 ♦ ESA: Hipparcos (Hipparcos and Tycho-2 catalogue)
 ♦ 2MASS
 ♦ SIMBAD database
 ♦ Rosat All-sky Survey database
256. [The discovery of an M4+T8.5 binary system](#)
 Author(s): Burningham B, Pinfield DJ, Leggett SK, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 395 Issue: 3 Pages: 1237-1248 Published: MAY 21 2009
 ♦ ORM: WHT/LIRIS
 ♦ ESO (La Silla): NTT/EFOSC2
 ♦ UKIRT/UFTI
 ♦ Gemini Observatory/NIRI
 ♦ SIMBAD data base
257. [The nature of late-type spiral galaxies: structural parameters, optical and near-infrared colour profiles and dust extinction](#)
 Author(s): Ganda K, Peletier RF, Balcells M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 395 Issue: 3 Pages: 1669-1694 Published: MAY 21 2009
 ♦ ESA/NASA: Hubble
 ♦ Datos ya publicados, Gavazzi et al. (2001): NTT (ESO; La Silla); TNG (ORM) (indirectos)
 ♦ Oschin Schmidt Telescope (PalomarMountain)
 ♦ UK Schmidt Telescope
 ♦ HyperLeda and NED data bases
 ♦ STSci Science Archive Facility

258. [Orbitally modulated dust formation by the WC7+O5 colliding-wind binary WR 140](#)
 Author(s): Williams PM, Marchenko SV, Marston AP, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 395 Issue: 3 Pages: 1749-1767 Published: MAY 21 2009
- ◆ ORM: WHT/ INGRID
 - ◆ OT: TCS
 - ◆ UKIRT
 - ◆ Observatorio Astronomico Nacional at San Pedro Mártir: 2.1m
 - ◆ University of Calgary: 2-m Infrared Telescope
 - ◆ Gemini North telescope
 - ◆ 5m Hale telescope
259. [Vertical shears in Saturn's eastward jets at cloud level](#)
 Author(s): García-Melendo E, Sanchez-Lavega A, Rojas JF, et al.
 Source: ICARUS Volume: 201 Issue: 2 Pages: 818-820 Published: JUN 2009
- ◆ ESA/NASA: Cassini
260. [NEAR-INFRARED GALAXY COUNTS AND EVOLUTION FROM THE WIDE-FIELD ALHAMBRA SURVEY](#)
 Author(s): Cristóbal-Hornillos D, Aguerri JAL, Moles M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 696 Issue: 2 Pages: 1554-1575 Published: MAY 10 2009
- ◆ CAHA: 3.5 m/LAICA/Omega2000
 - ◆ SDSS
261. [DIRECT IMAGING OF FINE STRUCTURE IN THE CHROMOSPHERE OF A SUNSPOT UMBRA](#)
 Author(s): Socas-Navarro H, McIntosh SW, Centeno R, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 696 Issue: 2 Pages: 1683-1688 Published: MAY 10 2009
- ◆ ESA: Hinode
262. [THE EVOLUTION OF SPIRAL, S0, AND ELLIPTICAL GALAXIES IN CLUSTERS](#)
 Author(s): Poggianti BM, Fasano G, Bettoni D, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 697 Issue: 2
 Pages: L137-L140 Published: JUN 1 2009
- ◆ ORM: INT/ WFC; WHT/ WYFFOS
 - ◆ ESO (La Silla): 2.2 m/ WFI
 - ◆ AAT (Anglo-Australian Telescope)
263. [STELLAR-MASS BLACK HOLE SPIN CONSTRAINTS FROM DISK REFLECTION AND CONTINUUM MODELING](#)
 Author(s): Miller JM, Reynolds CS, Fabian AC, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 697 Issue: 1 Pages: 900-912
 Published: MAY 20 2009
- ◆ ESA: XMM-Newton
 - ◆ NASA: HEASARC facility

264. [Detection of \(NH₂D\)-N-15 in dense cores: a new tool for measuring the N-14/N-15 ratio in the cold ISM](#)
 Author(s): Gerin M, Marcelino N, Biver N, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 2 Pages: L9-L12 Published: MAY 2009
- ◆ IRAM: 30m
265. [The very short supersoft X-ray state of the classical nova M31N 2007-11a](#)
 Author(s): Henze M, Pietsch W, Sala G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 2 Pages: L13-U2 Published: MAY 2009
- ◆ ESA: XMM-Newton/ EPIC
 - ◆ NASA: Chandra/ HRC-I
 - ◆ Super-LOTIS telescope
266. [Properties of the ionized gas in HH 202-II. Results from echelle spectrophotometry with Ultraviolet Visual Echelle Spectrograph](#)
 Author(s): Mesa-Delgado A, Esteban C, Garcia-Rojas J, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 395 Issue: 2 Pages: 855-876 Published: MAY 11 2009
- ◆ ESO (Paranal): VLT-UT2/ UVES
267. [The magnetic SW Sextantis star RX J1643.7+3402](#)
 Author(s): Rodriguez-Gil P, Martinez-Pais IG, Rodriguez JD
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 395 Issue: 2 Pages: 973-978 Published: MAY 11 2009
- ◆ ORM: WHT
268. [3C 33: another case of photoionized soft X-ray emission in radio galaxies](#)
 Author(s): Torresi E, Grandi P, Guainazzi M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 1 Pages: 61-66 Published: APR 2009
- ◆ Chandra archive
 - ◆ ESA: XMM-Newton archive
269. [MAGIC upper limits to the VHE gamma-ray flux of 3C 454.3 in high emission state](#)
 Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 1 Pages: 83-87 Published: APR 2009
- ◆ ORM: MAGIC

270. [Short-term spectroscopic monitoring of two cool dwarfs with strong magnetic fields](#)
 Author(s): Guenther EW, Osorio MRZ, Mehner A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 498 Issue: 1 Pages: 281-287 Published: APR 2009
- ◆ ESO (La Silla): 3.6m/EFOSC2
 - ◆ CAHA: 2.2m
 - ◆ SIMBAD database
 - ◆ 2MASS
271. [ON THE RADIAL DISTRIBUTION OF HORIZONTAL BRANCH STARS IN NGC 2808](#)
 Author(s): Iannicola G, Monelli M, Bono G, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 696 Issue: 2 Pages: L120-L124 Published: MAY 10 2009
- ◆ ESA/NASA: Hubble/ACS, WFPC2 and STIS
272. [OGLE-2005-BLG-071Lb, THE MOST MASSIVE M DWARF PLANETARY COMPANION?](#)
 Author(s): Dong SB, Gould A, Udalski A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 695 Issue: 2 Pages: 970-987 Published: APR 20 2009
- ◆ ESA/NASA: Hubble
273. [WINGS: A Wide-field Nearby Galaxy-cluster Survey II. Deep optical photometry of 77 nearby clusters](#)
 Author(s): Varela J, D'Onofrio M, Marmo C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 3 Pages: 667-U37 Published: APR 2009
- ◆ ESO (La Silla): 2.2m MPG/ WFI
 - ◆ ORM: INT/ WFC
 - ◆ NASA/IPAC Extragalactic Database (NED)
274. [GRB 060605: multi-wavelength analysis of the first GRB observed using integral field spectroscopy](#)
 Author(s): Ferrero P, Klose S, Kann DA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 3 Pages: 729-741 Published: APR 2009
- ◆ CAHA: 3.5m/PMAS/PPak
 - ◆ ESO (Paranal): VLT/FORS2
 - ◆ ORM: TNG
 - ◆ NASA: Swift/ BAT

275. [A robust morphological classification of high-redshift galaxies using support vector machines on seeing limited images II. Quantifying morphological k-correction in the COSMOS field at \$1 < z < 2\$: Ks band vs. I band](#)
 Author(s): Huertas-Company M, Tasca L, Rouan D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 3 Pages: 743-753 Published: APR 2009
- ◆ ESA/NASA: Hubble/ ACS
 - ◆ Canada-France-Hawaii Telescope: CFHT/ WIRCam
 - ◆ photometric redshift catalog, Ilbert et al. (2009): GALEX; SUBARU; CFHT; UKIRT ; NOAO; VLT/ VIMOS; Keck/ DEIMOS
276. [Structures in the dust coma of comet C/1999 T1 \(McNaught-Hartley\) from Jan. 26 to Feb. 05, 2001](#)
 Author(s): Lara LM, Licandro J, Tozzi GP
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 3 Pages: 843-846 Published: APR 2009
- ◆ ORM: TNG/ NICS/ DOLORES
 - ◆ OT: IAC-80
 - ◆ 1.5 m Telescopio Infrarosso del Gornergrat (TIRGO)
277. [The Large APEX BOlometer CAmera LABOCA](#)
 Author(s): Siringo G, Kreysa E, Kovacs A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 3 Pages: 945-962 Published: APR 2009
- ◆ ESO: APEX/ LABOCA (instrumentación)
278. [An IPHAS-based search for accreting very low-mass objects using VO tools](#)
 Author(s): Valdivielso L, Martin EL, Bouy H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 3 Pages: 973-981 Published: APR 2009
- ◆ ORM: NOT/ ALFOOSC; INT/ WFC; WHT/ ISIS
 - ◆ Lick Observatory: 3 m Shane Telescope
279. [Catalogue of ISO LWS observations of asteroids](#)
 Author(s): Hormuth F, Muller TG
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 3 Pages: 983-990 Published: APR 2009
- ◆ ESA: ISO (ISO Data Archive)
280. [XMM-Newton and Suzaku analysis of the Fe K complex in the type 1 Seyfert galaxy Mrk 509](#)
 Author(s): Ponti G, Cappi M, Vignali C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 394 Issue: 3 Pages: 1487-1495 Published: APR 11 2009
- ◆ ESA: XMM-Newton
 - ◆ Suzaku

281. [Candidate counterparts to the soft gamma-ray flare in the direction of LS I+61 303](#)
 Author(s): Muñoz-Arjonilla AJ, Martí J, Combi JA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 2 Pages: 457-461 Published: APR 2009
- ◆ CAHA: 3.5m
 - ◆ NRAO: VLA
 - ◆ NASA: Chandra
282. [Chemical abundances of 451 stars from the HARPS GTO planet search program](#)
[Thin disc, thick disc, and planets](#)
 Author(s): Neves V, Santos NC, Sousa SG, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 2 Pages: 563-581 Published: APR 2009
- ◆ ESO (La Silla): 3.6m/ HARPS
283. [SPECTROSCOPIC CONFIRMATION OF THE PLANETARY NEBULA NATURE OF PM 1-242, PM 1-318, AND PM 1-333 AND MORPHOLOGICAL ANALYSIS OF THE NEBULAE](#)
 Author(s): Miranda LF, Pereira CB, Guerrero MA
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 5 Pages: 4140-4148 Published: MAY 2009
- ◆ CAHA: 2.2m/ CAFOS
 - ◆ ORM: NOT/ ALFOSC
 - ◆ SIMBAD database
284. [QUANTITATIVE STELLAR SPECTRAL CLASSIFICATION. IV. APPLICATION TO THE OPEN CLUSTER IC 2391](#)
 Author(s): Garcia J, Sanchez N, Velasquez R
 Source: REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA Volume: 45 Issue: 1 Pages: 13-24 Published: APR 2009
- ◆ ESO (Paranal): VLT UT2/UVES >>>>public database of the UVES Paranal Observatory Project5 (Bagnulo et al. 2003).
285. [IPHAS A-TYPE STARS WITH MID-INFRARED EXCESSES IN SPITZER SURVEYS](#)
 Author(s): Hales AS, Barlow MJ, Drew JE, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 695 Issue: 1 Pages: 75-93
 Published: APR 10 2009
- ◆ ORM: INT/ WFC; WHT/ ISIS
 - ◆ NASA: Spitzer Space Telescope (GLIMPSE survey)
 - ◆ SIMBAD database
 - ◆ NASA/IPAC Infrared Science Archive

286. [TYPE Ia SNe ALONG REDSHIFT: THE R\(Si II\) RATIO AND THE EXPANSION VELOCITIES IN INTERMEDIATE-z SUPERNOVAE](#)
 Author(s): Altavilla G, Ruiz-Lapuente P, Balastegui A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 695 Issue: 1 Pages: 135-148
 Published: APR 10 2009
 ♦ ORM: WHT
287. [HOW COMPLEX IS THE OBSCURATION IN ACTIVE GALACTIC NUCLEI? NEW CLUES FROM THE SUZAKU MONITORING OF THE X-RAY ABSORBERS IN NGC 7582](#)
 Author(s): Bianchi S, Piconcelli E, Chiaberge M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 695 Issue: 1 Pages: 781-787
 Published: APR 10 2009
 ♦ ESA: XMM-Newton
 ♦ Suzaku
288. [Pre-nova X-ray observations of V2491 Cygni \(Nova Cyg 2008b\)](#)
 Author(s): Ibarra A, Kuulkers E, Osborne JP, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 1 Pages: L5-L8
 Published: APR 2009
 ♦ ESA: XMM-Newton/ EPIC
 ♦ NASA: Swift/ XRT; ROSAT/ PSPC
289. [Long-slit spectrophotometry of the multiple knots of the polar ring galaxy IIZw71](#)
 Author(s): Perez-Montero E, Garcia-Benito R, Diaz AI, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 1 Pages: 53-63
 Published: APR 2009
 ♦ ORM: WHT/ ISIS
290. [White dwarfs in the Capodimonte deep field](#)
 Author(s): Silvotti R, Catalan S, Cignoni M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 1 Pages: 109-116
 Published: APR 2009
 ♦ ESO (La Silla): 2.2m/ WFI; 3.6m/ EFOSC2; NTT/ EMMI
291. [Circumstellar disks around Herbig Be stars](#)
 Author(s): Alonso-Albi T, Fuente A, Bachiller R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 1 Pages: 117-136
 Published: APR 2009
 ♦ IRAM: PdBI
 ♦ NRAO: VLA
292. [Observational and theoretical constraints for an H alpha-halo around the Crab nebula](#)
 Author(s): Tziamtzis A, Schirmer M, Lundqvist P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 1 Pages: 167-176
 Published: APR 2009
 ♦ ESO (La Silla): 2.2m/ WFI

- ◆ ORM: NOT/ MOSCA
- 293. [Tracing the young massive high-eccentricity binary system theta\(1\)Orionis C through periastron passage](#)
 Author(s): Kraus S, Weigelt G, Balega YY, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 497 Issue: 1 Pages: 195-207 Published: APR 2009
 - ◆ ESO (Paranal). VLTI/ AMBER
 - ◆ ESO (L a Silla): 3.6m/Speckle
 - ◆ BTA-6.0 m (Russian Big Telescope Altazimuthal)
- 294. [SiO EMISSION AS A TRACER OF X-RAY DOMINATED CHEMISTRY IN THE GALACTIC CENTER](#)
 Author(s): Amo-Baladrón MA, Martin-Pintado J, Morris MR, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 2 Pages: 943-950
 Published: APR 1 2009
 - ◆ IRAM: 30m
- 295. [FLUORINE IN ASYMPTOTIC GIANT BRANCH CARBON STARS REVISITED](#)
 Author(s): Abia C, Recio-Blanco A, de Laverny P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 2 Pages: 971-977
 Published: APR 1 2009
 - ◆ ESO (Paranal): VLT/ CRIRES
 - ◆ ORM: TNG/ SARG
- 296. [THREE-DIMENSIONAL RADIATIVE TRANSFER MODELING OF THE POLARIZATION OF THE SUN'S CONTINUOUS SPECTRUM](#)
 Author(s): Bueno JT, Shchukina N
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 2 Pages: 1364-1378 Published: APR 1 2009
 - ◆ ESA: Hinode
- 297. [NEAR-INFRARED SPECTROSCOPY OF SEYFERT GALAXIES. NUCLEAR ACTIVITY AND STELLAR POPULATION](#)
 Author(s): Almeida CR, Garcia AMP, Acosta-Pulido JA
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 2 Pages: 1379-1394 Published: APR 1 2009
 - ◆ ORM:WHT
- 298. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VII. RELATIVE AGES](#)
 Author(s): Marin-Franch A, Aparicio A, Piotto G, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 2 Pages: 1498-1516 Published: APR 1 2009
 - ◆ ESA/NASA: Hubble

299. [Suzaku observation of the Phoenix galaxy](#)
 Author(s): Matt G, Bianchi S, Awaki H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 3 Pages: 653-658 Published: MAR 2009
- ◆ ESA: XMM-Newton
 - ◆ Suzaku
300. [Edge-on disk around the T Tauri star \[MR81\] H alpha 17 NE in Corona Australis](#)
 Author(s): Neuhauser R, Kramer S, Mugrauer M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 3 Pages: 777-786 Published: MAR 2009
- ◆ ESO (Paranal): VLT/ NACO/ FORS1/ ISAAS
 - ◆ ESO (La Silla): NTT
 - ◆ 2MASS, DENIS, USNO, GSC, NOMAD, and IRAS Faint Source Catalogs
 - ◆ Simbad, Visir, and ADS databases.
301. [An evolved donor star in the long-period cataclysmic variable HS 0218+3229](#)
 Author(s): Rodriguez-Gil P, Torres MAP, Gansicke BT, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 3 Pages: 805-812 Published: MAR 2009
- ◆ CAHA: 2.2m/ CAFOS; 3.5m/ TWIN
 - ◆ 0.70 m telescope of the AIP, Germany
 - ◆ 1.2m telescope at the FLWO in Arizona
302. [Statistical evaluation of the flux cross-calibration of the XMM-Newton EPIC cameras](#)
 Author(s): Mateos S, Saxton RD, Read AM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 3 Pages: 879-889 Published: MAR 2009
- ◆ ESA: XMM-Newton (2XMM cataloge)
303. [Properties of the ionized gas in HH 202-I. Results from integral field spectroscopy with PMAS](#)
 Author(s): Mesa-Delgado A, Lopez-Martin L, Esteban C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 394 Issue: 2 Pages: 693-703 Published: APR 1 2009
- ◆ CAHA: 3.5m/ PMAS
304. [Post-common-envelope binaries from SDSS - V. Four eclipsing white dwarf main-sequence binaries](#)
 Author(s): Pyrzas S, Gansicke BT, Marsh TR, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 394 Issue: 2 Pages: 978-994 Published: APR 1 2009
- ◆ ORM: WHT; NOT; Mercator
 - ◆ OT: IAC-80
 - ◆ CAHA: 2.2m

305. [SEARCH FOR A REDSHIFTED 2.2 MeV NEUTRON CAPTURE LINE FROM A0535+262 IN OUTBURST](#)
 Author(s): Caliskan S, Kalemci E, Baring MG, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 1 Pages: 593-598
 Published: MAR 20 2009
 ♦ [ESA: INTEGRAL/SPI](#)
306. [HNCO ABUNDANCES IN GALAXIES: TRACING THE EVOLUTIONARY STATE OF STARBURSTS](#)
 Author(s): Martin S, Martin-Pintado J, Mauersberger R
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 1 Pages: 610-617
 Published: MAR 20 2009
 ♦ [IRAM: 30m](#)
307. [ROBUST DETERMINATION OF THE MAJOR MERGER FRACTION AT Z=0.6 IN THE GROTH STRIP](#)
 Author(s): Lopez-Sanjuan C, Balcells M, Garcia-Dabo CE, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 694 Issue: 1 Pages: 643-653
 Published: MAR 20 2009
 ♦ [ESA/NASA: Hubble/ WFPC2](#)
 ♦ [ORM: WHT/ INGRID; INT/ WFC](#)
308. [Molecular gas in NUClei of GALaxies \(NUGA\) XI. A complete gravity torque map of NGC 4579: new clues to bar evolution](#)
 Author(s): Garcia-Burillo S, Fernandez-Garcia S, Combes F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 1 Pages: 85-105
 Published: MAR 2009
 ♦ [IRAM: PdBI; 30m](#)
 ♦ [ESA/NASA: Hubble data archive](#)
309. [Activity evolution, outbursts, and splitting events of comet 73P/Schwassmann-Wachmann 3](#)
 Author(s): Bertini I, Lara LM, Vincent JB, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 1 Pages: 235-247
 Published: MAR 2009
 ♦ [CAHA: 2.2m/CAFOS](#)
310. [Evolution of the optical Tully-Fisher relation up to z=1.3](#)
 Author(s): Lorenzo MF, Cepa J, Bongiovanni A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 2 Pages: 389-397
 Published: MAR 2009
 ♦ AEGIS is a multiwavelength sky survey conducted with the Chandra, GALEX, [Hubble \(ESA\)](#), Keck, CFHT, MMT, Subaru, Palomar, Spitzer, VLA, and other telescopes

311. [The surface of \(136108\) Haumea \(2003 EL61\), the largest carbon-depleted object in the trans-Neptunian belt](#)
 Author(s): Pinilla-Alonso N, Brunetto R, Licandro J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 2 Pages: 547-556 Published: MAR 2009
 ♦ ORM: WHT/ ISIS; TNG/ NICS
312. [gamma-RAY EMISSION FROM LS I+61 303: THE IMPACT OF BASIC SYSTEM UNCERTAINTIES](#)
 Author(s): Sierpowska-Bartosik A, Torres DF
 Source: ASTROPHYSICAL JOURNAL Volume: 693 Issue: 2 Pages: 1462-1473 Published: MAR 10 2009
 ♦ ORM: MAGIC
313. [WASP-12b: THE HOTTEST TRANSITING EXTRASOLAR PLANET YET DISCOVERED](#)
 Author(s): Hebb L, Collier-Cameron A, Loeillet B, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 693 Issue: 2 Pages: 1920-1928 Published: MAR 10 2009
 ♦ ORM: SuperWASP; LT/ RATCam; INT/ IDS; TNG/ SARG
 ♦ Tenagra Telescope (Arizona)
 ♦ Observatoire de Haute Provence: 1.93 m telescope/ SOPHIE
314. [WINGS-SPE Spectroscopy in the Wide-field Nearby Galaxy-cluster Survey](#)
 Author(s): Cava A, Bettoni D, Poggianti BM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 707-719 Published: MAR 2009
 ♦ ORM: WHT/AF2
 ♦ AAT/2dF
315. [Study of the stellar line-strength indices and kinematics along bars](#)
 Author(s): Perez I, Sanchez-Blazquez P, Zurita A
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 775-U125 Published: MAR 2009
 ♦ ORM: INT
 ♦ 2.3m, SSO
 ♦ NASA/IPAC Extragalactic Database (NED)
 ♦ DSS
316. [A complete \(CO\)-C-12 2-1 map of M 51 with HERA II. Total gas surface densities and gravitational stability](#)
 Author(s): Hitschfeld M, Kramer C, Schuster KF, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 795-806 Published: MAR 2009
 ♦ IRAM: 30m/ HERA
 ♦ NRAO: VLA
 ♦ SCUBA data

317. [What can we learn about protoplanetary disks from analysis of mid-infrared carbonaceous dust emission?](#)
 Author(s): Berne O, Joblin C, Fuente A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 827-835 Published: MAR 2009
- ◆ ESA: ISO
 - ◆ NASA: Spitzer Space Telescope
318. [Lack of PAH emission toward low-mass embedded young stellar objects](#)
 Author(s): Geers VC, van Dishoeck EF, Pontoppidan KM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 837-846 Published: MAR 2009
- ◆ ESO (Paranal): VLT/ISAAC
 - ◆ NASA: Spitzer Space Telescope
319. [Parameters of Herbig Ae/Be and Vega-type stars](#)
 Author(s): Montesinos B, Eiroa C, Mora A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 901-917 Published: MAR 2009
- ◆ CAHA: 2.2m/ CAFOS
 - ◆ ORM: WHT/ UES
320. [Why did Comet 17P/Holmes burst out? Nucleus splitting or delayed sublimation?](#)
 Author(s): Altenhoff WJ, Kreysa E, Menten KM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 975-978 Published: MAR 2009
- ◆ IRAM: 30m/MAMBO; PdBI
321. [MULTIWAVELENGTH OPTICAL OBSERVATIONS OF TWO CHROMOSPHERICALLY ACTIVE BINARY SYSTEMS: V789 MON AND GZ LEO](#)
 Author(s): Galvez MC, Montes D, Fernandez-Figueroa MJ, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 4 Pages: 3965-3975 Published: APR 2009
- ◆ CAHA: 2.2m/FOCES
 - ◆ McDonald Observatory: 2.1 m OSa/Sandiford
322. [THE NATURE OF GROWING BULGES WITHIN \$z < 1.3\$ GALAXY DISKS IN THE GOODS-N FIELD](#)
 Author(s): Dominguez-Palmero L, Balcells M
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 694 Issue: 1 Pages: L69-L73 Published: MAR 20 2009
- ◆ ESA/NASA: Hubble/ACS

323. [A POWER-LAW BREAK IN THE NEAR-INFRARED POWER SPECTRUM OF THE GALACTIC CENTER BLACK HOLE](#)
 Author(s): Meyer L, Do T, Ghez A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 694 Issue: 1
 Pages: L87-L91 Published: MAR 20 2009
 ♦ ESO (Paranal): VLT-UT4/ NACO
 ♦ Keck II/ NIRC2)
324. [Accurate Analytical and Statistical Approaches to Reduce O-C Discrepancies in the Precessional Parameters](#)
 Author(s): Martinez MJ, Marco FJ, Lopez JA
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 121 Issue: 876 Pages: 167-173 Published: FEB 2009
 ♦ Teórico
 ♦ ESA: Hipparcos catalog
325. [The XMM-Newton view of AGN with intermediate-mass black holes](#)
 Author(s): Miniutti G, Ponti G, Greene JE, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 394 Issue: 1 Pages: 443-453 Published: MAR 21 2009
 ♦ ESA: XMM-Newton
326. [REFINED ORBITAL SOLUTION AND QUIESCENT VARIABILITY IN THE BLACK HOLE TRANSIENT GS 1354-64 \(= BW CIR\)](#)
 Author(s): Casares J, Orosz JA, Zurita C, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 181
 Issue: 1 Pages: 238-243 Published: MAR 2009
 ♦ ESO (Paranal): VLT-UT4/FORS2
 ♦ La Silla (no ESO): 1.54 m Danish telescope/DFOSC
 ♦ SAAO
 ♦ Las Campanas Observatory: 6.5 m Magellan telescope/MagIC
327. [PERIODIC VERY HIGH ENERGY gamma-RAY EMISSION FROM LS I+61 degrees 303 OBSERVED WITH THE MAGIC TELESCOPE](#)
 Author(s): Albert J, Aliu E, Anderhub H, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 693 Issue: 1 Pages: 303-310
 Published: MAR 1 2009
 ♦ ORM:MAGIC
328. [Outflowing protons and heavy ions as a source for the sub-keV ring current](#)
 Author(s): Giang TT, Hamrin M, Yamauchi M, et al.
 Source: ANNALES GEOPHYSICAE Volume: 27 Issue: 2 Pages: 839-849
 Published: 2009
 ♦ ESA: Cluster II CIS instrument

329. [STAGES: the Space Telescope A901/2 Galaxy Evolution Survey](#)
 Author(s): Gray ME, Wolf C, Barden M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 393 Issue: 4 Pages: 1275-1301 Published: MAR 11 2009
- ◆ Space Telescope A901/2 Galaxy Evolution Survey (STAGES)
 - ◆ ESA: Hubble; XMM-Newton
 - ◆ ESO (La Silla) : 2.2m MPI/ WFI
 - ◆ La Silla (no ESO): 1.54-m Danish telescope/ DFOSC
 - ◆ NASA: Spitzer Space Telescope; GALEX
 - ◆ Anglo-Australian Telescope
 - ◆ Giant Metrewave Radio Telescope
330. [The STAGES view of red spirals and dusty red galaxies: mass-dependent quenching of star formation in cluster infall](#)
 Author(s): Wolf C, Aragon-Salamanca A, Balogh M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 393 Issue: 4 Pages: 1302-1323 Published: MAR 11 2009
- ◆ STAGES data set:
 - COBO-17= ESO (La Silla): 2.2m MPG/ WFI ;
 - Spitzer/MIPS;
 - Hubble/ ACS (ESA)
 - ◆ Otros: XMM (ESA), GMRT and GALEX
331. [Linking two consecutive nonmerging magnetic clouds with their solar sources](#)
 Author(s): Dasso S, Mandrini CH, Schmieder B, et al.
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS
 Volume: 114 Article Number: A02109 Published: FEB 28 2009
- ◆ ESA/NASA: SOHO (TRACE data, EIT, LASCO, and MDI data)
 - ◆ CME catalog
332. [DISCOVERY OF A GIANT STELLAR TIDAL STREAM AROUND THE DISK GALAXY NGC 4013](#)
 Author(s): Martinez-Delgado D, Pohlen M, Gabany RJ, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 955-963
 Published: FEB 20 2009
- ◆ ORM: INT/ WFC
 - ◆ KPNO 0.9 m Telescope
 - ◆ 0.5 m telescope of the Black Bird Remote Observatory (BBRO)
 - ◆ SDSS
333. [WAVE PROPAGATION AND SHOCK FORMATION IN DIFFERENT MAGNETIC STRUCTURES](#)
 Author(s): Centeno R, Collados M, Bueno JT
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 1211-1220
 Published: FEB 20 2009
- ◆ OT: VTT/TIP

334. [INTEGRAL AND XMM-NEWTON SPECTROSCOPY OF GX 339-4 DURING HARD/SOFT INTERMEDIATE AND HIGH/SOFT STATES IN THE 2007 OUTBURST](#)
 Author(s): Caballero-Garcia MD, Miller JM, Trigo MD, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 1339-1353 Published: FEB 20 2009
 ♦ ESA: INTEGRAL; XMM-Newton
335. [DYNAMICAL EVOLUTION OF AGN HOST GALAXIES-GAS IN/OUT-FLOW RATES IN SEVEN NUGA GALAXIES](#)
 Author(s): Haan S, Schinnerer E, Emsellem E, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 1623-1661 Published: FEB 20 2009
 ♦ IRAM: PdBI
 ♦ NRAO: VLA
336. [CAIXA: a catalogue of AGN in the XMM-Newton archive I. Spectral analysis](#)
 Author(s): Bianchi S, Guainazzi M, Matt G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 2 Pages: 421-430 Published: FEB 2009
 ♦ ESA: XMM-Newton
337. [Integral field spectroscopy of two radio galaxies at z similar to 2.3](#)
 Author(s): Sanchez SF, Humphrey A
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 2 Pages: 471-478 Published: FEB 2009
 ♦ CAHA: 3.5m/ PMAS
338. [Post common envelope binaries from SDSS IV. SDSS J121258.25-012310.1, a new eclipsing system](#)
 Author(s): Gomez-Moran AN, Schwobe AD, Schreiber MR, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 2 Pages: 561-569 Published: FEB 2009
 ♦ OT: IAC-80
 ♦ Magellan Clay telescope
 ♦ 2MASS
339. [CEPHEID VARIABLE STARS IN THE PEGASUS DWARF IRREGULAR GALAXY: CONSTRAINTS ON THE STAR FORMATION HISTORY](#)
 Author(s): Meschin I, Gallart C, Aparicio A, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 3 Pages: 3619-3631 Published: MAR 2009
 ♦ ORM: INT/ WFC; NOT/ BROCAM/ WRIGHT; WHT/ PFIC
 ♦ Las Campanas: Du Pont 2.5 m/ TEK5
 ♦ Kitt Peak: WIYN/ S2KB
 ♦ Palomar: Hale 5 m/ TEK3

340. [MAMBO 1.2 mm OBSERVATIONS OF LUMINOUS STARBURSTS AT z similar to 2 IN THE SWIRE FIELDS](#)
 Author(s): Lonsdale CJ, Polletta MD, Omont A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 1 Pages: 422-442
 Published: FEB 10 2009
- ◆ IRAM: 30m/ MAMBO
 - ◆ NASA: Spitzer/ IRAC/ MIPS
341. [Phase-resolved spectroscopy of the accreting millisecond X-ray pulsar SAX J1808.4-3658 during the 2008 outburst](#)
 Author(s): Cornelisse R, D'Avanzo P, Munoz-Darias T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: L1-L4
 Published: FEB 2009
- ◆ ESO (Paranal): VLT/FORS1
342. [Internal dynamics of the galaxy cluster Abell 959](#)
 Author(s): Boschin W, Barrena R, Girardi M
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: 15-26
 Published: FEB 2009
- ◆ ORM: TNG
 - ◆ NASA/IPAC Extragalactic Database (NED)
 - ◆ SDSS
343. [Shells, jets, and internal working surfaces in the molecular outflow from IRAS 04166+2706](#)
 Author(s): Santiago-Garcia J, Tafalla M, Johnstone D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: 169-181
 Published: FEB 2009
- ◆ IRAM: PdBI
 - ◆ NASA: Spitzer
 - ◆ SIMBAD database
344. [Testing magnetically confined wind shock models for beta Cephei using XMM-Newton and Chandra phase-resolved X-ray observations](#)
 Author(s): Favata F, Neiner C, Testa P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: 217-229
 Published: FEB 2009
- ◆ ESA: XMM-Newton
 - ◆ NASA: Chandra
 - ◆ BeSS database
345. [The accretion powered spin-up of GRO J1750-27](#)
 Author(s): Shaw SE, Hill AB, Kuulkers E, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 393 Issue: 2 Pages: 419-428
 Published: FEB 21 2009
- ◆ ESA: INTEGRAL
 - ◆ NASA: Swift

346. [OBSERVATION OF SOLAR WIND CHARGE EXCHANGE EMISSION FROM EXOSPHERIC MATERIAL IN AND OUTSIDE EARTH'S MAGNETOSHEATH 2008 SEPTEMBER 25](#)
 Author(s): Snowden SL, Collier MR, Cravens T, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 1 Pages: 372-381
 Published: JAN 20 2009
 ♦ ESA: XMM-Newton
347. [OPTICAL CHARACTERIZATION OF A NEW YOUNG STELLAR POPULATION IN THE SERPENS MOLECULAR CLOUD](#)
 Author(s): Oliveira I, Merin B, Pontoppidan KM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 1 Pages: 672-686
 Published: JAN 20 2009
 ♦ ORM: WHT/ WYFFOS; TNG/ DOLORES
 ♦ CAHA: 2.2m/ CAFOS
348. [DETECTION OF CHROMATIC MICROLENSING IN Q 2237+0305 A](#)
 Author(s): Mosquera AM, Munoz JA, Mediavilla E
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1292-1299
 Published: FEB 1 2009
 ♦ ORM: NOT/ ALFOSC
349. [ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS](#)
 Author(s): Morales JC, Ribas I, Jordi C, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1400-1411
 Published: FEB 1 2009
 ♦ ORM: LT
 ♦ Otros: Fairborn Observatory; Palomar Observatory; Ondřejov observatory; Whipple Observatory
350. [KINEMATIC PROPERTIES AND STELLAR POPULATIONS OF FAINT EARLY-TYPE GALAXIES. II. LINE-STRENGTH MEASUREMENTS OF CENTRAL COMA GALAXIES](#)
 Author(s): Matkovic A, Guzman R, Sanchez-Blazquez P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1862-1878
 Published: FEB 1 2009
 ♦ ORM: INT/ WFC
 ♦ WIYN 3.5 m telescope/Hydra
351. [An HST/WFPC2 survey of bright young clusters in M31 I. VdB0, a massive star cluster seen at t similar or equal to 25 Myr](#)
 Author(s): Perina S, Barmby P, Beasley MA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 3 Pages: 933-948
 Published: FEB 2009
 ♦ ESA/NASA. Hubble/ ACS/ WFPC2
352. [Discovery of slow X-ray pulsations in the high-mass X-ray binary 4U 2206+54](#)
 Author(s): Reig P, Torrejon JM, Negueruela I, et al.

- Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 3 Pages: 1073-1082 Published: FEB 2009
- ◆ [ESA: INTEGRAL; EXOSAT](#)
 - ◆ INTEGRAL Science Data Center (ISDC)
353. [A deep look into the cores of young clusters I. sigma-Orionis](#)
 Author(s): Bouy H, Huelamo N, Martin EL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 3 Pages: 931-946 Published: JAN 2009
- ◆ [ESO \(Paranal\): VLT/MAD; VLT/NACO \(archivo\)](#)
 - ◆ [ESO \(La Silla\): NTT/SOFI \(archivo\)](#)
 - ◆ NASA: Spitzer (archivo)
354. [On the nature of the extragalactic number counts in the K-band](#)
 Author(s): Barro G, Gallego J, Perez-Gonzalez PG, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 1 Pages: 63-79 Published: JAN 2009
- ◆ [CAHA: 3.5m](#)
 - ◆ [ORM: WHT](#)
 - ◆ NASA: Spitzer Space Telescope; GALEX
 - ◆ Subaru Telescope
 - ◆ Canada-France-Hawaii Telescope (CFHT)
355. [Markov properties of solar granulation](#)
 Author(s): Ramos AA
 Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 1 Pages: 287-294 Published: JAN 2009
- ◆ [ESA: Hinode/ SOT](#)
356. [A cool starspot or a second transiting planet in the TrES-1 system?](#)
 Author(s): Rabus M, Alonso R, Belmonte JA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 1 Pages: 391-397 Published: JAN 2009
- ◆ [ESA/NASA: Hubble](#)
 - ◆ [OT: IAC-80](#)
357. [The early phase of a H1743-322 outburst observed by INTEGRAL, RXTE, Swift, and XMM/Newton](#)
 Author(s): Prat L, Rodriguez J, Bel MC, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 2 Pages: L21-L24 Published: FEB 2009
- ◆ [ESA: INTEGRAL; XMM-Newton](#)
 - ◆ NASA: Swift
 - ◆ RXTE

358. [VLT/FORS1 spectrophotometry of the first planetary nebula discovered in the Phoenix dwarf galaxy](#)
Author(s): Saviane I, Exter K, Tsamis Y, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 2 Pages: 515-525 Published: FEB 2009
- ◆ ESO (Paranal): VLT/ FORS
 - ◆ NASA/IPAC Extragalactic Database (NED)
359. [New BVRI photometry results on Kuiper Belt Objects from the ESO VLT](#)
Author(s): Santos-Sanz P, Ortiz JL, Barrera L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 2 Pages: 693-706 Published: FEB 2009
- ◆ ESO (Paranal): VLT-Antu/ FORS
360. [On the frequency of N₂H⁺ and N₂D⁺](#)
Author(s): Pagani L, Daniel F, Dubernet ML
Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 2 Pages: 719-727 Published: FEB 2009
- ◆ IRAM: 30m
 - ◆ GBT: 100m
361. [STARMIND: A FUZZY LOGIC KNOWLEDGE-BASED SYSTEM FOR THE AUTOMATED CLASSIFICATION OF STARS IN THE MK SYSTEM](#)
Author(s): Manteiga M, Carricajo I, Rodriguez A, et al.
Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 2 Pages: 3245-3253 Published: FEB 2009
- ◆ ORM: NOT
 - ◆ SIMBAD database
362. [MULTIWAVELENGTH STUDY OF THE BRIGHT X-RAY SOURCE POPULATION IN THE INTERACTING GALAXIES NGC5774/NGC5775](#)
Author(s): Ghosh KK, Saripalli L, Gandhi P, et al.
Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 2 Pages: 3263-3285 Published: FEB 2009
- ◆ ORM: TNG/DOLORES; WHT/ISIS
 - ◆ NASA/IPAC Extragalactic Database (NED)
 - ◆ 2MASS
 - ◆ Multimission Archive (MAST)
 - ◆ Chandra Data Archive
363. [THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES](#)
Author(s): Donnarumma I, Vittorini V, Vercellone S, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 691 Issue: 1 Pages: L13-L19 Published: JAN 20 2009
- ◆ ORM: MAGIC
 - ◆ AGILE
 - ◆ WEBT (optical)

- ◆ VERITAS

- 364. [CARBON AND NITROGEN ABUNDANCES IN EARLY-TYPE GALAXIES](#)
 Author(s): Toloba E, Sanchez-Blazquez P, Gorgas J, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 691 Issue: 2
 Pages: L95-L98 Published: FEB 1 2009
- ◆ ORM: WHT/ ISIS

- 365. [DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION](#)
 Author(s): Aliu E, Anderhub H, Antonelli LA, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 692 Issue: 1
 Pages: L29-L33 Published: FEB 10 2009
- ◆ ORM:MAGIC

- 366. [EARLY SPECTROSCOPIC IDENTIFICATION OF SN 2008D](#)
 Author(s): Malesani D, Fynbo JPU, Hjorth J, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 692 Issue: 2
 Pages: L84-L87 Published: FEB 20 2009
- ◆ ESO (Paranal): VLT/ FORS2
- ◆ ORM: NOT/ ALFOSC; WHT/ ISIS
- ◆ UKIRT

- 367. [The XMM-Newton long look of NGC 1365: uncovering of the obscured X-ray source](#)
 Author(s): Risaliti G, Salvati M, Elvis M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 393 Issue: 1 Pages: L1-L5 Published: FEB 11 2009
- ◆ ESA: XMM-Newton

- 368. [THE HIGH-MASS END OF THE BLACK HOLE MASS FUNCTION: MASS ESTIMATES IN BRIGHTEST CLUSTER GALAXIES](#)
 Author(s): Bonta ED, Ferrarese L, Corsini EM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 690 Issue: 1 Pages: 537-559
 Published: JAN 1 2009
- ◆ ESA/NASA: Hubble
- ◆ ESO (La Silla): NTT/ EMMI

- 369. [XMM-NEWTON VIEW OF THE MULTIPHASE WARM ABSORBER IN SEYFERT 1 GALAXY NGC 985](#)
 Author(s): Krongold Y, Jimenez-Bailon E, Santos-Lleo M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 690 Issue: 1 Pages: 773-782
 Published: JAN 1 2009
- ◆ ESA: XMM-Newton

- 370. [DISCOVERY OF FULMINIC ACID, HCNO, IN DARK CLOUDS](#)
 Author(s): Marcelino N, Cernicharo J, Tercero B, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 690 Issue: 1
 Pages: L27-L30 Published: JAN 1 2009

- ◆ IRAM: 30m
371. [FIRST DETECTION OF GLYCOLALDEHYDE OUTSIDE THE GALACTIC CENTER](#)
 Author(s): Beltran MT, Codella C, Viti S, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 690 Issue: 2
 Pages: L93-L96 Published: JAN 10 2009
- ◆ IRAM: PdBI
372. [Two new large-separation gravitational lenses from SDSS](#)
 Author(s): Belokurov V, Evans NW, Hewett PC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 1 Pages: 104-112 Published: JAN 1 2009
- ◆ CAHA: 3.5 m
 - ◆ ORM: INT; WHT
 - ◆ 6 m at the Special Astrophysical Observatory (SAO)
 - ◆ SDSS
373. [Multiwavelength spectral and high time resolution observations of SWIFT J1753.5-0127: new activity?](#)
 Author(s): Durant M, Gandhi P, Shahbaz T, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 1 Pages: 309-324 Published: JAN 1 2009
- ◆ ORM: NOT/ALFOSC; WHT/ISIS; Mercator/Merope
 - ◆ ESO (Paranal): VLT/FORS2/ULTRACAM
 - ◆ ESA: INTEGRAL
 - ◆ RXTE (Rossi X-Ray Timing Explorer)
374. [The pulsating hot subdwarf Balloon 090100001: results of the 2005 multisite campaign](#)
 Author(s): Baran A, Oreiro R, Pigulski A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 3 Pages: 1092-1105 Published: JAN 21 2009
- ◆ OT: IAC80
 - ◆ Otros: Mt Suhora (0.6m); Baker (0.4 m); Lulin (1 m); Sobaeksan (0.6m); Mauna Kea (0.6 m); Mt. Lemmon (1m); Sierra Nevada (0.9 m)
375. [GEMINI 3D spectroscopy of BAL plus IR plus Fe II QSOs - I. Decoupling the BAL, QSO, starburst, NLR, supergiant bubbles and galactic wind in Mrk 231](#)
 Author(s): Lipari S, Sanchez SF, Bergmann M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 4 Pages: 1295-1338 Published: FEB 1 2009
- ◆ ORM: NOT; WHT/ INTEGRAL
 - ◆ ESA/NASA: Hubble
 - ◆ Gemini Observatory
 - ◆ KPNO

376. [WASP-14b: 7.3 M-J transiting planet in an eccentric orbit](#)
 Author(s): Joshi YC, Pollacco D, Cameron AC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 4 Pages: 1532-1538 Published: FEB 1 2009
- ◆ ORM: SuperWASP; LT/ RISE; NOT/ FIES
 - ◆ Las Cumbres Observatory, S. Arizona's 81-cm Tenagra robotic telescope
 - ◆ Keele University Observatory 60-cm telescope
 - ◆ Observatoire de Haute-Provence/SOPHIE
377. [WASP-10b: a 3M\(J\), gas-giant planet transiting a late-type K star](#)
 Author(s): Christian DJ, Gibson NP, Simpson EK, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 4 Pages: 1585-1590 Published: FEB 1 2009
- ◆ ORM: superWASP/SOPHIE; NOT/FIES; Mercator/MEROPE
 - ◆ Las Cumbres Observatory Global Telescope Network: Tenagra
378. [An extreme EXO: a type 2 QSO at z=1.87](#)
 Author(s): Del Moro A, Watson MG, Mateos S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 2 Pages: 445-451 Published: JAN 2009
- ◆ ORM: NOT/ALFOSC
 - ◆ UKIRT optical/NIR photometric data
 - ◆ 2XMMp X-ray data
 - ◆ Subaru MOIRCS IR spectroscopy
 - ◆ SDSS-DR5
379. [MAGIC observations of PG 1553+113 during a multiwavelength campaign in July 2006](#)
 Author(s): Albert J, Aliu E, Anderhub H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 2 Pages: 467-469 Published: JAN 2009
- ◆ ORM:MAGIC
380. [Possible pingo fields in the Utopia basin, Mars: Geological and climatical implications](#)
 Author(s): de Pablo MA, Komatsu G
 Source: ICARUS Volume: 199 Issue: 1 Pages: 49-74 Published: JAN 2009
- ◆ ESA: Mars Express (MEx) spacecraft/ HRSC
 - ◆ Mars Global Surveyor (MGS) spacecraft/MOC
 - ◆ Mars Odyssey (MO) spacecraft/THEMIS
381. [CHARACTERIZATION OF ACTIVE GALACTIC NUCLEI AND THEIR HOSTS IN THE EXTENDED GROTH STRIP: A MULTIWAVELENGTH ANALYSIS](#)
 Author(s): Almeida CR, Espinosa JMR, Barro G, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 179-196
 Published: JAN 2009
- ◆ ESA: XMM-Newton; Hubble
 - ◆ NASA: Spitzer; GALEX; Hale Telescope; Chandra Data Archive (CDA)

- ◆ CFHT/ MegaPrime/MegaCam

- 382. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VI. NGC 6366: A HEAVILY STRIPPED GALACTIC GLOBULAR CLUSTER](#)
 Author(s): Paust NEQ, Aparicio A, Piotto G, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 246-256
 Published: JAN 2009
 - ◆ ESA/ NASA: Hubble/ ACS

- 383. [THE ACS NEARBY GALAXY SURVEY TREASURY. I. THE STAR FORMATION HISTORY OF THE M81 OUTER DISK](#)
 Author(s): Williams BF, Dalcanton JJ, Seth AC, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 419-430
 Published: JAN 2009
 - ◆ ESA/ NASA: Hubble/ ACS

- 384. [High spatial resolution Galactic 3D extinction mapping with IPHAS](#)
 Author(s): Sale SE, Drew JE, Unruh YC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 2 Pages: 497-513 Published: JAN 11 2009
 - ◆ ORM: INT (IPHAS data base)
 - ◆ SIMBAD data base

- 385. [Near-infrared/optical counterparts of hotspots in radio galaxies](#)
 Author(s): Mack KH, Prieto MA, Brunetti G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 392 Issue: 2 Pages: 705-717 Published: JAN 11 2009
 - ◆ ESO (Paranal): VLT/ FORS/ ISAAC
 - ◆ NRAO: VLA
 - ◆ NASA/IPAC Extragalactic Data base (NED)

- 386. [The XMM-Newton serendipitous survey VI. The X-ray luminosity function](#)
 Author(s): Ebrero J, Carrera FJ, Page MJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 55-69
 Published: JAN 2009
 - ◆ ESA: XMM-Newton
 - ◆ NASA: Chandra; ASCA; ROSAT
 - ◆ NASA/IPAC Extragalactic Database (NED)
 - ◆ SIMBAD database

- 387. [The open cluster Pismis 11 and the very luminous blue supergiant HD 80077 I. Physical parameters of the cluster](#)
 Author(s): Marco A, Negueruela I
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 79-88
 - ◆ ESO (La Silla): NTT/ EMMI
 - ◆ 2MASS

388. [Variations in the dip properties of the low-mass X-ray binary XB 1254-690 observed with XMM-Newton and INTEGRAL](#)
 Author(s): Trigo MD, Parmar AN, Boirin L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 145-157 Published: JAN 2009
 ♦ ESA: XMM-Newton; INTEGRAL
389. [The XMM-Newton serendipitous survey V. The Second XMM-Newton serendipitous source catalogue](#)
 Author(s): Watson MG, Schroder AC, Fyfe D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 339-373 Published: JAN 2009
 ♦ ESA: XMM-Newton/ EPIC
390. [MONS OT J004240.69+405142.0: An orphan GRB optical afterglow candidate in Andromeda?](#)
 Author(s): Marcos RD, CD, McGoldrick KM, et al.
 Source: NEW ASTRONOMY Volume: 14 Issue: 3 Pages: 214-220
 Published: APR 2009
 ♦ OT: MONS
 ♦ Swift data archive
391. [A serendipitous XMM-Newton observation of MACHO 104.20906.960: A dwarf nova candidate with a 2 h period](#)
 Author(s): Nucita AA, Carpano S, De Paolis F, et al.
 Source: NEW ASTRONOMY Volume: 14 Issue: 3 Pages: 302-306 Published: APR 2009
 ♦ ESA: XMM-Newton
392. [Enhanced lithium depletion in Sun-like stars with orbiting planets](#)
 Author(s): Israelian G, Mena ED, Santos NC, et al.
 Source: NATURE Volume: 462 Issue: 7270 Pages: 189-191 Published: NOV 12 2009
 ♦ ESO (Paranal): VLT/ Giraffe
393. [A gamma-ray burst at a redshift of z approximate to 8.2](#)
 Author(s): Tanvir NR, Fox DB, Levan AJ, et al.
 Source: NATURE Volume: 461 Issue: 7268 Pages: 1254-1257 Published: OCT 29 2009
 ♦ ESO (Paranal): VLT/ ISAAC
 ♦ ESO (La Silla): 2.2m MPI
 ♦ Datos previos: Burst Alert Telescope (BAT); Swift's X-ray Telescope (XRT); United Kingdom Infrared Telescope (UKIRT); Gemini North 8-m telescope; MPI/ESO 2.2-m telescope; Gemini South; VLT
 ♦ Gemini Observatory

394. [GRB 090423 at a redshift of \$z\$ approximate to 8.1](#)
 Author(s): Salvaterra R, Della Valle M, Campana S, et al.
 Source: NATURE Volume: 461 Issue: 7268 Pages: 1258-1260 Published: OCT 29 2009
- ◆ ORM: TNG/ NICS
 - ◆ BAT
 - ◆ KRT
395. [Earth's transmission spectrum from lunar eclipse observations](#)
 Author(s): Palle E, Osorio MRZ, Barrena R, et al.
 Source: NATURE Volume: 459 Issue: 7248 Pages: 814-816 Published: JUN 11 2009
- ◆ ORM: NOT; WHT
396. [Broad line emission from iron K- and L-shell transitions in the active galaxy 1H 0707-495](#)
 Author(s): Fabian AC, Zoghbi A, Ross RR, et al.
 Source: NATURE Volume: 459 Issue: 7246 Pages: 540-542 Published: MAY 28 2009
- ◆ ESA: XMM-Newton
397. [A low-energy core-collapse supernova without a hydrogen envelope](#)
 Author(s): Valenti S, Pastorello A, Cappellaro E, et al.
 Source: NATURE Volume: 459 Issue: 7247 Pages: 674-677 Published: JUN 4 2009
- ◆ ORM: TNG; NOT; LT
 - ◆ CAHA
 - ◆ ESO (Paranal): VLT/ FORS2
 - ◆ Ekar (Asiago Observatory, Italy)
 - ◆ Begues Observatory and Arguines Observatory telescopes (Barcelona and Segorbe, Spain),
 - ◆ Taurus Hill Observatory (Varkaus, Finland)
398. [Radio Imaging of the Very-High-Energy gamma-Ray Emission Region in the Central Engine of a Radio Galaxy](#)
 Author(s): Acciari VA, Aliu E, Arlen T, et al.
 Source: SCIENCE Volume: 325 Issue: 5939 Pages: 444-448 Published: JUL 24 2009
- ◆ ORM: MAGIC
 - ◆ VERITAS (Very Energetic Radiation Imaging Telescope Array System)
 - ◆ VLBA

PUBLICACIONES 2010

1. [MAGIC UPPER LIMITS FOR TWO MILAGRO-DETECTED BRIGHT FERMI SOURCES IN THE REGION OF SNR G65.1+0.6](#)
Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 725 Issue: 2 Pages: 1629-1632 Published: DEC 2010
◆ ORM: MAGIC
2. [DEEP NEAR-INFRARED SURVEY OF THE PIPE NEBULA. II. DATA, METHODS, AND DUST EXTINCTION MAPS](#)
Author(s): Roman-Zuniga CG, Alves JF, Lada CJ, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 725 Issue: 2 Pages: 2232-2250 Published: DEC 2010
◆ ESO (Paranal): VLT/ ISAAC
◆ ESO (La Silla): NTT/ SOFI
◆ CAHA: 3.5m/ Omega 2000
◆ Otros: 2MASS
3. [Evidence of small-scale magnetic concentrations dragged by vortex motion of solar photospheric plasma](#)
Author(s): Balmaceda L, Dominguez SV, Palacios J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: L6 Published: APR 2010
◆ ORM: SST
◆ ESA: Hinode
4. [Post common envelope binaries from SDSS VIII. Evidence for disrupted magnetic braking](#)
Author(s): Schreiber MR, Gansicke BT, Rebassa-Mansergas A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: L7 Published: APR 2010
◆ ESO (Paranal)
◆ ESO (La Silla): ¿?
◆ ORM: WHT
◆ CAHA: ¿?
◆ Otros: Gemini; Las Campanas;
5. [The NIR Ca II triplet at low metallicity Searching for extremely low-metallicity stars in classical dwarf galaxies](#)
Author(s): Starkenburg E, Hill V, Tolstoy E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A34 Published: APR 2010
◆ ESO (Paranal): VLT/ FLAMES/ UVES
◆ Otros: Subaru; Megellan

6. [Another cluster of red supergiants close to RSGC1](#)
Author(s): Negueruela I, Gonzalez-Fernandez C, Marco A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A74
Published: APR 2010
 - ◆ ORM: WHT/ LIRIS
 - ◆ Otros: UKIDSS; 2MASS
7. [The magnetic precursor of L1448-mm: excitation differences between ion and neutral fluids](#)
Author(s): Roberts JF, Jimenez-Serra I, Martin-Pintado J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A64
Published: APR 2010
 - ◆ IRAM: 30m
 - ◆ Otros: JCMT
8. [The nature of V39: an LBV candidate or LBV impostor in the very low metallicity galaxy IC 1613?](#)
Author(s): Herrero A, Garcia M, Uytterhoeven K, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A70
Published: APR 2010
 - ◆ ESO (Paranal): VLT/ VIMOS
9. [Three carbon-enhanced metal-poor dwarf stars from the SDSS Chemical abundances from \(COBOLD\)-B-5 3D hydrodynamical model atmospheres](#)
Author(s): Behara NT, Bonifacio P, Ludwig HG, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A72
Published: APR 2010
 - ◆ ESO (Paranal): VLT/ UVES
10. [The activity of comet C/2007 D1 \(LINEAR\) at 9.7 AU from the Sun](#)
Author(s): Epifani EM, Dall'Ora M, Di Fabrizio L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A33
Published: APR 2010
 - ◆ ORM: TNG/ DOLORES
11. [A deep optical/near-infrared catalogue of Serpens](#)
Author(s): Spezzi L, Merin B, Oliveira I, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A38
Published: APR 2010
 - ◆ ORM: INT/ WFC
 - ◆ Otros: SIMBAD database
12. [A new approach for estimating Titan's electron conductivity based on data from relaxation probe sensors on the Huygens experiment](#)
Author(s): Molina-Cuberos GJ, Godard R, Lopez-Moreno JJ, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 14-15 Pages: 1945-1952
Published: DEC 2010
 - ◆ ESA: Huygens/ HASI

13. [Exoplanet discoveries with the CoRoT space observatory](#)
Author(s): Lammer H, Dvorak R, Deleuil M, et al.
Source: SOLAR SYSTEM RESEARCH Volume: 44 Issue: 6 Pages: 520-526
Published: DEC 2010
 - ◆ ESA: CoRoT
 - ◆ ESO (La Silla): 3,6m/ HARPS

14. [TANGO I: Interstellar medium in nearby radio galaxies Molecular gas](#)
Author(s): Flaquer BO, Leon S, Combes F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: A9
Published: JUL-AUG 2010
 - ◆ IRAM: 30m

15. [The solar-like CoRoT target HD 170987: spectroscopic and seismic observations](#)
Author(s): Mathur S, Garcia RA, Catala C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: A53
Published: JUL-AUG 2010
 - ◆ ESA: CoRoT

16. [Spectro-photometric close pairs in GOODS-S: major and minor companions of intermediate-mass galaxies](#)
Author(s): López-Sanjuan C, Balcells M, Perez-Gonzalez PG, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: A20
Published: JUL-AUG 2010
 - ◆ Otros: Spitzer
 - ◆ Millennium Galaxy Catalogue: Isaac Newton Telescope and spectroscopic data from the Anglo Australian Telescope, the ANU 2.3 m, the ESO New Technology Telescope, the Telescopio Nazionale Galileo, and the Gemini North Telescope
 - ◆ ORM: INT; TNG
 - ◆ ESO (La Silla): NTT

17. [Possible detection of phase changes from the non-transiting planet HD 46375b by CoRoT](#)
Author(s): Gaulme P, Vannier M, Guillot T, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L153
Published: JUL-AUG 2010
 - ◆ ESA: CoRoT

18. [Chemical study of intermediate-mass \(IM\) Class 0 protostars CO depletion and N₂H⁺ deuteration](#)
Author(s): Alonso-Albi T, Fuente A, Crimier N, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: A52
Published: JUL-AUG 2010
 - ◆ IRAM: 30m

19. [Image reconstruction with analytical point spread functions](#)
Author(s): Ramos AA, Ariste AL
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: A6
Published: JUL-AUG 2010
 - ◆ ORM: SST
 - ◆ OT: THEMIS

20. [High-resolution imaging of Galactic massive stars with AstraLux I. 138 fields with \$\delta > -25\$ degrees](#)
Author(s): Apellániz JM
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: A1
Published: JUL-AUG 2010
 - ◆ CAHA: 2,2m
 - ◆ ESA: Hubble/ACS/HRC

21. [Kuiper belts around nearby stars](#)
Author(s): Nilsson R, Liseau R, Brandeker A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: A40
Published: JUL-AUG 2010
 - ◆ ESO: APEX

22. [The dust content of high-z submillimeter galaxies revealed by Herschel](#)
Author(s): Santini P, Maiolino R, Magnelli B, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L154
Published: JUL-AUG 2010
 - ◆ ESA: Herschel/ PACS

23. [HH 223: a parsec-scale H-2 outflow in the star-forming region L723](#)
Author(s): Lopez R, Acosta-Pulido JA, Gomez G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A16
Published: NOV-DEC 2010
 - ◆ ORM: WHT/ LIRIS

24. [Cross-calibrating X-ray detectors with clusters of galaxies: an IACHEC study](#)
Author(s): Nevalainen J, David L, Guainazzi M
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A22
Published: NOV-DEC 2010
 - ◆ ESA: XMM-Newton
 - ◆ Otros: Chandra

25. [The young stellar population of IC 1613 II. Physical properties of OB associations](#)
Author(s): Garcia M, Herrero A, Castro N, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A23
Published: NOV-DEC 2010
 - ◆ ORM: INT/WFC
 - ◆ ESO (Paranal): VLT/ VIMOS

26. [PHAT: PHoto-z Accuracy Testing](#)
Author(s): Hildebrandt H, Arnouts S, Capak P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A31
Published: NOV-DEC 2010
- ◆ **ESA: Hubble**
 - ◆ Otros: Spitzer; Keck Observatory, the Kitt Peak; National Observatory; the Subaru Telescope; the Palomar Observatory; University of Hawaii 2.2-m telescope.
27. [Multi-wavelength study of the disk around the very low-mass star Par-Lup3-4](#)
Author(s): Huélamo N, Bouy H, Pinte C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A42
Published: NOV-DEC 2010
- ◆ **ESO (Paranal): VLT/ NACO**
 - ◆ **ESO: APEX**
 - ◆ Otros: 2MASS database
28. [Tracing gas accretion in the Galactic center using isotopic ratios](#)
Author(s): Riquelme D, Amo-Baladron MA, Martin-Pintado J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A51
Published: NOV-DEC 2010
- ◆ **IRAM: 30m**
29. [The Doppler shadow of WASP-3b A tomographic analysis of Rossiter-McLaughlin observations](#)
Author(s): Miller GRM, Cameron AC, Simpson EK, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A52
Published: NOV-DEC 2010
- ◆ **ESO (La Silla): 3,6m/ HARPS**
 - ◆ **ORM: LT/ RISE**
 - ◆ Otros: OHP/ SOPHIE
30. [Mapping the \(CO\)-C-12 J=1-0 and J=2-1 emission in AGB and early post-AGB circumstellar envelopes](#)
Author(s): Castro-Carrizo A, Quintana-Lacaci G, Neri R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A59
Published: NOV-DEC 2010
- ◆ **IRAM: PdBI; 30m**
31. [Radio and IR study of the massive star-forming region IRAS 16353-4636](#)
Author(s): Benaglia P, Ribo M, Combi JA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A62
Published: NOV-DEC 2010
- ◆ **ESO (La Silla): NTT**
 - ◆ Otros: VLA; Australia Telescope Compact Array (ATCA)

32. [Photometry and spectroscopy of GRB 060526: a detailed study of the afterglow and host galaxy of a \$z=3.2\$ gamma-ray burst](#)
Author(s): Thöne CC, Kann DA, Johannesson G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A70
Published: NOV-DEC 2010
- ◆ ESO (Paranal): VLT/ FORS1
 - ◆ ORM: NOT/ ALFOSC; WHT; TNG
 - ◆ ESA: Hubble
 - ◆ Otros: Danish 1.54m; ANDICAM and the 1.3 m SMARTS telescope; Tautenburg 1.34 m Schmidt telescope; etc
33. [XMM-Newton detection of the supernova remnant G304.6+0.1 \(Kes 17\)](#)
Author(s): Combi JA, Colombo JFA, Sanchez-Ayaso E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A76
Published: NOV-DEC 2010
- ◆ ESA: XMM-Newton
 - ◆ Otros: Spitzer
34. [X-ray monitoring of classical novae in the central region of M 31 I. June 2006-March 2007](#)
Author(s): Henze M, Pietsch W, Haberl F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A89
Published: NOV-DEC 2010
- ◆ ESA: XMM-Newton/ EPIC/ MOS
 - ◆ Otros: Chandra
35. [The X-ray source content of the XMM-Newton Galactic plane survey](#)
Author(s): Motch C, Warwick R, Cropper MS, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A92
Published: NOV-DEC 2010
- ◆ ESA: XMM-Newton
 - ◆ ESO (La Silla): 3.6m/ EFOSC2
 - ◆ ESO (Paranal): VLT/ FORS2
 - ◆ ORM: WHT
36. [Physical properties of the ESA Rosetta target asteroid \(21\) Lutetia II. Shape and flyby geometry](#)
Author(s): Carry B, Kaasalainen M, Leyrat C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 523 Article Number: A94
Published: NOV-DEC 2010
- ◆ ESO (Paranal): VLT
 - ◆ Otros: W. M. Keck Observatory
37. [Mapping and spectroscopy of the planetary nebula NGC 7009 in the visual and infrared](#)
Author(s): Phillips JP, Cuesta LC, Ramos-Larios G
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 409 Issue: 3 Pages: 881-902 Published: DEC 11 2010
- ◆ ESA: ISO; Hubble

- ◆ Otros: Spitzer; 4-m Mayall telescope; 2.1-m telescope at San Pedro Mártir
38. [IC 2602: a lithium depletion boundary age and new candidate low-mass stellar members](#)
 Author(s): Dobbie PD, Lodieu N, Sharp RG
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 3 Pages: 1002-1012 Published: DEC 11 2010
- ◆ ESO (La Silla): 2.2m MPG/ WFI
 - ◆ Otros: Anglo-Australian Telescope; 2MASS database
39. [Broad-line region physical conditions along the quasar eigenvector 1 sequence](#)
 Author(s): Marziani P, Sulentic JW, Negrete CA, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 3 Pages: 1033-1048 Published: DEC 11 2010
- ◆ ESA. Hubble
40. [First Kepler results on compact pulsators - I. Survey target selection and the first pulsators](#)
 Author(s): Ostensen RH, Silvotti R, Charpinet S, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 4 Pages: 1470-1486 Published: DEC 21 2010
- ◆ ORM: INT; WHT
 - ◆ Otros: Kepler; Bok Telescope on Kitt Peak
41. [Quantifying the importance of ram-pressure stripping in a galaxy group at 100 Mpc](#)
 Author(s): Freeland E, Sengupta C, Croston JH
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 4 Pages: 1518-1524 Published: DEC 21 2010
- ◆ ESA: XMM-Newton
 - ◆ Otros: Giant Metrewave Radio Telescope (GMRT); NED database
42. [Outburst activity in comets - II. A multiband photometric monitoring of comet 29P/Schwassmann-Wachmann 1](#)
 Author(s): Trigo-Rodriguez JM, Garcia-Hernandez DA, Sanchez A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 4 Pages: 1682-1690 Published: DEC 21 2010
- ◆ OT: IAC-80
 - ◆ Otros: Gualba, Guadarrama, La Cañada, Montseny
43. [Heavy water around the L1448-mm protostar](#)
 Author(s): Codella C, Ceccarelli C, Nisini B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: L1
 Published: NOV 2010
- ◆ IRAM: PdBI

44. [Molecular and atomic gas in the Local Group galaxy M 33](#)
Author(s): Gratier P, Braine J, Rodriguez-Fernandez NJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A3
Published: NOV 2010
◆ IRAM: 30m
◆ Otros: Spitzer; Galex; VLA
45. [Characterisation of extrasolar planetary transit candidates II. The companions to late M-type stars](#)
Author(s): Gallardo J, Silva S, Alegria SR, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A4
Published: NOV 2010
◆ ESO (la Silla): NTT/ SoFI
46. [PMAS optical integral field spectroscopy of luminous infrared galaxies II. Spatially resolved stellar populations and excitation conditions](#)
Author(s): Alonso-Herrero A, Garcia-Marin M, Zaurin JR, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A7
Published: NOV 2010
◆ CAHA: 3.5m/ MPAS
◆ Otros: NED database
47. [Simultaneous polarization monitoring of supernovae SN2008D/XT 080109 and SN2007uy: isolating geometry from dust](#)
Author(s): Gorosabel J, Postigo AD, Castro-Tirado AJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A14
Published: NOV 2010
◆ CAHA: 2.2m/ CAFOS
◆ ESO (Paranal): VLT/ FORS1
◆ ORM: NOT/ ALFOSC
◆ IRAM: PdBI; 30m
48. [The afterglow and host galaxy of GRB 090205: evidence of a Ly-alpha emitter at z=4.65](#)
Author(s): D'Avanzo P, Perri M, Fugazza D, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A20
Published: NOV 2010
◆ ESO (Paranal): VLT/ FORS1
49. [The metal-poor end of the Spite plateau I. Stellar parameters, metallicities, and lithium abundances](#)
Author(s): Sbordone L, Bonifacio P, Caffau E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A26
Published: NOV 2010
◆ ESO (Paranal): VLT/ UVES

50. [Photometric variability of the Be star CoRoT-ID 102761769](#)
Author(s): Emilio M, Andrade L, Janot-Pacheco E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A43
Published: NOV 2010
◆ ESA: CoRoT
◆ ORM: INT
51. [An X-ray study of the SNR G344.7-0.1 and the central object CXOU J170357.8-414302](#)
Author(s): Combi JA, Colombo JFA, Lopez-Santiago J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A50
Published: NOV 2010
◆ ESA: XMM-Newton/ MOS/ EPIC
◆ Otros: Chandra
52. [XMM-Newton observations of the hot spot galaxy NGC 2903](#)
Author(s): Perez-Ramirez D, Caballero-Garcia MD, Ebrero J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A53
Published: NOV 2010
◆ ESA: XMM-Newton/ EPIC-pn
53. [A large C-12/C-13 isotopic ratio in M 82 and NGC 253](#)
Author(s): Martin S, Aladro R, Martin-Pintado J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A62
Published: NOV 2010
◆ IRAM: 30m
54. [Comet 67P/Churyumov-Gerasimenko: the GIADA dust environment model of the Rosetta mission target](#)
Author(s): Fulle M, Colangeli L, Agarwal J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A63
Published: NOV 2010
◆ ESO (La Silla): MPG 2.2m
◆ ESO (Paranal): VLT/ FORS2
◆ Otros: Spitzer; Observatorio de Sierra Nevada
55. [New high-sensitivity, milliarcsecond resolution results from routine observations of lunar occultations at the ESO VLT](#)
Author(s): Richichi A, Fors O, Chen WP, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A65
Published: NOV 2010
◆ ESO (Paranal): VLT/ ISAAC
◆ Otros: 2MASS database

56. [The multifrequency campaign on 3C 279 in January 2006](#)
Author(s): Collmar W, Bottcher M, Krichbaum TP, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A66
Published: NOV 2010
- ◆ ESA: INTEGRAL/ SPI and IBIS/ISGRI
 - ◆ IRAM: PdBI; 30m
 - ◆ Otros: Chandra; Swift; RXTE; Whole Earth Blazar Telescope (WEBT); Australia Telescope Compact Array (ATCA); VLA; SMA
57. [A molecular survey of outflow gas: velocity-dependent shock chemistry and the peculiar composition of the EHV gas](#)
Author(s): Tafalla M, Santiago-Garcia J, Hacar A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A91
Published: NOV 2010
- ◆ IRAM: 30m
 - ◆ Otros: SIMBAD database
58. [Short-term variability of a sample of 29 trans-Neptunian objects and Centaurs](#)
Author(s): Thirouin A, Ortiz JL, Duffard R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A93
Published: NOV 2010
- ◆ CAHA: 2.2m/ CAFOS
 - ◆ ORM: INT/ WFC
 - ◆ Otros: Sierra Nevada, 1.5m
59. [A systematic analysis of the broad iron K alpha line in neutron-star LMXBs with XMM-Newton](#)
Author(s): Ng C, Trigo MD, Bel MC, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A96
Published: NOV 2010
- ◆ ESA: XMM-Newton/ EPIC
60. [Transiting exoplanets from the CoRoT space mission XIII. CoRoT-13b: a dense hot Jupiter in transit around a star with solar metallicity and super-solar lithium content](#)
Author(s): Cabrera J, Bruntt H, Ollivier M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 522 Article Number: A110
Published: NOV 2010
- ◆ ESA: CoRoT
 - ◆ ESO(La Silla) 3.6m/HARPS
 - ◆ OT: IAC-80
 - ◆ ORM: INT/ WFC
 - ◆ Otros: CFHT; Keck Observatory,

61. [IDENTIFICATION OF KCN IN IRC+10216: EVIDENCE FOR SELECTIVE CYANIDE CHEMISTRY](#)
Author(s): Pulliam RL, Savage C, Agundez M, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 725 Issue: 2
Pages: L181-L185 Published: DEC 20 2010
◆ IRAM: 30m
◆ Otros: Submillimeter Telescope (SMT); ARO 12 m telescope on Kitt Peak
62. [THE HST/ACS COMA CLUSTER SURVEY. II. DATA DESCRIPTION AND SOURCE CATALOGS](#)
Author(s): Hammer D, Kleijn GV, Hoyos C, et al.
Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 191
Issue: 1 Pages: 143-159 Published: NOV 2010
◆ ESA/NASA: Hubble
63. [SEARCHING FOR OVERTURNING CONVECTION IN PENUMBRAL FILAMENTS: SLIT SPECTROSCOPY AT 0".2 RESOLUTION](#)
Author(s): Rubio LRB, Schlichenmaier R, Langhans K
Source: ASTROPHYSICAL JOURNAL Volume: 725 Issue: 1 Pages: 11-16
Published: DEC 2010
◆ ORM: SST
64. [STAR FORMATION IN THE TAURUS FILAMENT L 1495: FROM DENSE CORES TO STARS](#)
Author(s): Schmalzl M, Kainulainen J, Quanz SP, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 725 Issue: 1 Pages: 1327-1336
Published: DEC 2010
◆ CAHA: 3.5m/ Omega 2000
65. [The zCOSMOS 10k-sample : the role of galaxy stellar mass in the colour-density relation up to z similar to 1](#)
Author(s): Cucciati O, Iovino A, Kovac K, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A2
Published: DEC 2010
◆ ESO (Paranal): VLT
66. [Tracking the impact of environment on the galaxy stellar mass function up to z similar to 1 in the 10 k zCOSMOS sample](#)
Author(s): Bolzonella M, Kovac K, Pozzetti L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A76
Published: DEC 2010
◆ ESO (Paranal): VLT
67. [FERO: Finding extreme relativistic objects I. Statistics of relativistic Fe K-alpha lines in radio-quiet Type 1 AGN](#)
Author(s): Perez ID, Longinotti AL, Guainazzi M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A50
Published: DEC 2010
◆ ESA: XMM-Newton

68. [Low-resolution spectroscopy of main sequence stars belonging to 12 Galactic globular clusters I. CH and CN band strength variations](#)
Author(s): Pancino E, Rejkuba M, Zoccali M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A44
Published: DEC 2010
◆ ESO (Paranal): VLT/ FORS2
69. [The fundamental plane of EDisCS galaxies The effect of size evolution](#)
Author(s): Saglia RP, Sanchez-Blazquez P, Bender R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A6
Published: DEC 2010
◆ ESO (Paranal): VLT
◆ ESA/ NASA: Hubble
70. [Search for an extended VHE gamma-ray emission from Mrk 421 and Mrk 501 with the MAGIC Telescope](#)
Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 DOI: 10.1051/0004-6361/201014747 Published: DEC 2010
◆ ORM: MAGIC
71. [Molecular content of the circumstellar disk in AB Aurigae First detection of SO in a circumstellar disk](#)
Author(s): Fuente A, Cernicharo J, Agundez M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A19
Published: DEC 2010
◆ IRAM: 30m
72. [Transiting exoplanets from the CoRoT space mission XIV. CoRoT-11b: a transiting massive "hot-Jupiter" in a prograde orbit around a rapidly rotating F-type star](#)
Author(s): Gandolfi D, Hebrard G, Alonso R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A55
Published: DEC 2010
◆ ESA: CoRoT
◆ ESO (La Silla): 3.6m/ HARPS
◆ ESO (Paranal): VLT/ UVES
◆ Otros: Swiss Leonard Euler 1.2 m (La Silla-no ESO); HPO 1.93 m telescope/ SOPHIE; Keck I/ HIRES
73. [Multi-instrument measurement campaign at Paranal in 2007 Characterization of the outer scale and the seeing of the surface layer](#)
Author(s): Ali WD, Ziad A, Berdja A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A73
Published: DEC 2010
◆ ESO (Paranal): "site testing"

74. [Another look at the BL Lacertae flux and spectral variability Observations by GASP-WEBT, XMM-Newton, and Swift in 2008-2009](#)
 Author(s): Raiteri CM, Villata M, Bruschini L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A43
 Published: DEC 2010
 ♦ ESA: XMM-Newton
 ♦ Otros: GASP; Swift
75. [Deep XMM-Newton observation of the eta Chamaleontis cluster](#)
 Author(s): López-Santiago J, Colombo JFA, Lopez-Garcia MA
 Source: ASTRONOMY & ASTROPHYSICS Volume: 524 Article Number: A97
 Published: DEC 2010
 ♦ ESA: XMM-Newton
 ♦ Otros: 2MASS database
76. [Brightness of Saturn's rings with decreasing solar elevation](#)
 Author(s): Flandes A, Spilker L, Morishima R, et al.
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 13 Special Issue: Sp. Iss. SI Pages: 1758-1765 Published: NOV 2010
 ♦ ESA: Cassini
77. [Integral field spectroscopy of H II region complexes: the outer disc of NGC 6946](#)
 Author(s): Garcia-Benito R, Diaz A, Hagele GF, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 408 Issue: 4 Pages: 2234-2255 Published: NOV 11 2010
 ♦ CAHA: 3.5m/ PMAS
 ♦ Otros: Kitt Peak National Observatory (KPNO) 2.1-m telescope
78. [Abell 41: shaping of a planetary nebula by a binary central star](#)
 Author(s): Jones D, Lloyd M, Santander-Garcia M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 408 Issue: 4 Pages: 2312-2318 Published: NOV 11 2010
 ♦ ORM: WHT/ ACAM
 ♦ Otros: 2.1-m San Pedro Mártir Telescope
79. [Cold dust and young starbursts: spectral energy distributions of Herschel SPIRE sources from the HerMES survey](#)
 Author(s): Rowan-Robinson M, Roseboom IG, Vaccari M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 2-11 Published: NOV 2010
 ♦ ESA/NASA: Herschel
80. [Herschel reveals a T-dust-unbiased selection of z similar to 2 ultraluminous infrared galaxies](#)
 Author(s): Magdis GE, Elbaz D, Hwang HS, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 22-28 Published: NOV 2010
 ♦ ESA/NASA: Herschel

81. [H-ATLAS: PACS imaging for the Science Demonstration Phase](#)
 Author(s): Ibar E, Ivison RJ, Cava A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 38-47 Published: NOV 2010
 ♦ ESA/NASA: Herschel/ PACS
82. [The Herschel Multi-Tiered Extragalactic Survey: source extraction and cross-identifications in confusion-dominated SPIRE images](#)
 Author(s): Roseboom IG, Oliver SJ, Kunz M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 48-65 Published: NOV 2010
 ♦ ESA/NASA: Herschel/ SPIRE
83. [The Deep SPIRE HerMES Survey: spectral energy distributions and their astrophysical indications at high redshift](#)
 Author(s): Brisbin D, Harwit M, Altieri B, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 66-74 Published: NOV 2010
 ♦ ESA/NASA: Herschel
84. [Evolution of dust temperature of galaxies through cosmic time as seen by Herschel](#)
 Author(s): Hwang HS, Elbaz D, Magdis G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 75-82 Published: NOV 2010
 ♦ ESA: Herschel; AKARI
 ♦ Otros: IRAS
85. [HerMES: SPIRE Science Demonstration Phase maps](#)
 Author(s): Levenson L, Marsden G, Zemcov M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 83-91 Published: NOV 2010
 ♦ ESA/NASA: Herschel/ SPIRE
86. [Herschel-ATLAS: the far-infrared-radio correlation at \$z < 0.5\$](#)
 Author(s): Jarvis MJ, Smith DJB, Bonfield DG, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 409 Issue: 1 Pages: 92-101 Published: NOV 2010
 ♦ ESA/NASA: Herschel
 ♦ ESO (Paranal): VISTA
 ♦ Otros: UKIRT/ WFCAM; SDSS database
 ♦ Complementary imaging of the GAMA regions is being obtained by a number of independent survey programmes including *GALEX* MIS, VST KIDS, VISTA VIKING, WISE, *Herschel*-ATLAS, GMRT and ASKAP providing UV to radio coverage

87. [On the origin of M81 group extended dust emission](#)
Author(s): Davies JJ, Wilson CD, Auld R, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 409 Issue: 1 Pages: 102-108 Published: NOV 2010
◆ ESA/NASA: Herschel/ PACS
◆ Otros: Galex
88. [HerMES: deep galaxy number counts from a P\(D\) fluctuation analysis of SPIRE Science Demonstration Phase observations](#)
Author(s): Glenn J, Conley A, Bethermin M, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 409 Issue: 1 Pages: 109-121 Published: NOV 2010
◆ ESA/NASA: Herschel/ SPIRE
89. [Herschel-ATLAS: far-infrared properties of radio-selected galaxies](#)
Author(s): Hardcastle MJ, Virdee JS, Jarvis MJ, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 409 Issue: 1 Pages: 122-131 Published: NOV 2010
◆ ESA/NASA: Herschel/ SPIRE
90. [MULTIWAVELENGTH OBSERVATIONS OF SMALL-SCALE RECONNECTION EVENTS TRIGGERED BY MAGNETIC FLUX EMERGENCE IN THE SOLAR ATMOSPHERE](#)
Author(s): Guglielmino SL, Rubio LRB, Zuccarello F, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 724 Issue: 2 Pages: 1083-1098 Published: DEC 1 2010
◆ ORM : SST
◆ ESA: Hinode
91. [HIFI spectroscopy of low-level water transitions in M 82](#)
Author(s): Weiss A, Requena-Torres MA, Gusten R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L1
Published: OCT 2010
◆ ESA/NASA: Herschel
92. [Excitation of the molecular gas in the nuclear region of M 82](#)
Author(s): Loenen AF, van der Werf PP, Gusten R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L2
Published: OCT 2010
◆ ESA/NASA: Herschel
93. [Herschel/HIFI observations of high-J CO transitions in the protoplanetary nebula CRL 618](#)
Author(s): Bujarrabal V, Alcolea J, Soria-Ruiz R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L3
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
◆ ESO: APEX

- ◆ IRAM: 30m
- 94. [Water content and wind acceleration in the envelope around the oxygen-rich AGB star IK Tauri as seen by Herschel/HIFI](#)
 Author(s): Decin L, Justtanont K, De Beck E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L4
 Published: OCT 2010
 ◆ ESA/NASA: Herschel/ HIFI
- 95. [Discovery of water vapour in the carbon star V Cygni from observations with Herschel/HIFI](#)
 Author(s): Neufeld DA, Gonzalez-Alfonso E, Melnick G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L5
 Published: OCT 2010
 ◆ ESA/NASA: Herschel/ HIFI
- 96. [A HIFI preview of warm molecular gas around chi Cygni: first detection of H2O emission toward an S-type AGB star](#)
 Author(s): Justtanont K, Decin L, Schoier FL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L6
 Published: OCT 2010
 ◆ ESA/NASA: Herschel/ HIFI
- 97. [Herschel/HIFI deepens the circumstellar NH3 enigma](#)
 Author(s): Menten KM, Wyrowski F, Alcolea J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L7
 Published: OCT 2010
 ◆ ESA/NASA: Herschel/ HIFI
 ◆ Otros: VLA
- 98. [A high-resolution line survey of IRC+10216 with Herschel/HIFI First results: Detection of warm silicon dicarbide \(SiC2\)](#)
 Author(s): Cernicharo J, Waters LBFM, Decin L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L8
 Published: OCT 2010
 ◆ ESA/NASA: Herschel/ HIFI
- 99. [Herschel/HIFI discovery of interstellar chloronium \(H2Cl+\)](#)
 Author(s): Lis DC, Pearson JC, Neufeld DA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L9
 Published: OCT 2010
 ◆ ESA/NASA: Herschel/ HIFI
- 100. [Herschel/HIFI observations of interstellar OH+ and H2O+ towards W49N: a probe of diffuse clouds with a small molecular fraction](#)
 Author(s): Neufeld DA, Goicoechea JR, Sonnentrucker P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L10
 Published: OCT 2010
 ◆ ESA/NASA: Herschel/ HIFI

101. [Herschel observations of ortho- and para-oxidaniumyl \(H₂O⁺\) in spiral arm clouds toward Sagittarius B2\(M\)](#)
Author(s): Schilke P, Comito C, Muller HSP, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L11
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
102. [Detection of hydrogen fluoride absorption in diffuse molecular clouds with Herschel/HIFI: an ubiquitous tracer of molecular gas](#)
Author(s): Sonnentrucker P, Neufeld DA, Phillips TG, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L12
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
103. [Excitation and abundance of C-3 in star forming cores Herschel/HIFI observations of the sight-lines to W31C and W49N](#)
Author(s): Mookerjea B, Giesen T, Stutzki J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L13
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
104. [Herschel observations of EXtra-Ordinary Sources \(HEXOS\): detecting spiral arm clouds by CH absorption lines](#)
Author(s): Qin SL, Schilke P, Comito C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L14
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
105. [CH+\(1-0\) and \(CH⁺\)-C-13\(1-0\) absorption lines in the direction of massive star-forming regions](#)
Author(s): Falgarone E, Godard B, Cernicharo J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L15
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
106. [Interstellar CH absorption in the diffuse interstellar medium along the sight-lines to G10.6-0.4 \(W31C\), W49N, and W51](#)
Author(s): Gerin M, De Luca M, Goicoechea JR, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L16
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
107. [Herschel observations of EXtra-Ordinary Sources \(HEXOS\): The present and future of spectral surveys with Herschel/ HIFI](#)
Author(s): Bergin EA, Phillips TG, Comito C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L20
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI

108. [Herschel observations of EXtra-Ordinary Sources \(HEXOS\): The Terahertz spectrum of Orion KL seen at high spectral resolution](#)
Author(s): Crockett NR, Bergin EA, Wang S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L21
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
109. [Herschel spectral surveys of star- forming regions Overview of the 555-636 GHz range](#)
Author(s): Ceccarelli C, Bacmann A, Boogert A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L22
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
110. [Herschel observations in the ultracompact HII region Mon R2](#)
Author(s): Fuente A, Berne O, Cernicharo J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L23
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
111. [The origin of the \[CII\] emission in the S140 photon-dominated regions. New insights from HFI](#)
Author(s): Dedes C, Rollig M, Mookerjea B, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L24
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
◆ IRAM
112. [Gas morphology and energetics at the surface of PDRs: New insights with Herschel observations of NGC 7023](#)
Author(s): Joblin C, Pilleri P, Montillaud J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L25
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
113. [Herschel/HIFI measurements of the ortho/para ratio in water towards Sagittarius B2\(M\) and W31C](#)
Author(s): Lis DC, Phillips TG, Goldsmith PF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L26
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
114. [Herschel observations of EXtra-Ordinary Sources \(HEXOS\): Observations of H2O and its isotopologues towards Orion KL](#)
Author(s): Melnick GJ, Tolls V, Neufeld DA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L27
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI

115. [The distribution of water in the high-mass star-forming region NGC 6334 I](#)
Author(s): Emprechtinger M, Lis DC, Bell T, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L28
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
116. [Water vapor toward starless cores: The Herschel view](#)
Author(s): Caselli P, Keto E, Pagani L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L29
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
117. [Water in low-mass star-forming regions with Herschel HIFI spectroscopy of NGC 1333](#)
Author(s): Kristensen LE, Visser R, van Dishoeck EF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L30
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
118. [Ortho-to-para ratio of interstellar heavy water](#)
Author(s): Vastel C, Ceccarelli C, Caux E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L31
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
119. [Water abundances in high-mass protostellar envelopes: Herschel observations with HIFI](#)
Author(s): Marseille MG, van der Tak FFS, Herpin F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L32
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
120. [Sensitive limits on the abundance of cold water vapor in the DM Tauri protoplanetary disk](#)
Author(s): Bergin EA, Hogerheijde MR, Brinch C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L33
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
121. [Variations in H₂O⁺/H₂O ratios toward massive star-forming regions](#)
Author(s): Wyrowski F, van der Tak F, Herpin F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L34
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI

122. [Hydrides in young stellar objects: Radiation tracers in a protostar-disk-outflow system](#)
Author(s): Benz AO, Bruderer S, van Dishoeck EF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L35
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
123. [Herschel observations of the hydroxyl radical \(OH\) in young stellar objects](#)
Author(s): Wampfler SF, Herczeg GJ, Bruderer S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L36
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI/ PACS
124. [Water in massive star-forming regions: HIFI observations of W3 IRS5](#)
Author(s): Chavarría L, Herpin F, Jacq T, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L37
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
125. [Herschel observations of deuterated water towards Sgr B2\(M\)](#)
Author(s): Comito C, Schilke P, Rolffs R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L38
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
◆ IRAM: 30m
126. [The methanol lines and hot core of OMC2-FIR4, an intermediate-mass protostar with Herschel/HIFI](#)
Author(s): Kama M, Dominik C, Maret S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L39
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
127. [Herschel/HIFI observations of high-J CO lines in the NGC 1333 low-mass star-forming region](#)
Author(s): Yildiz UA, van Dishoeck EF, Kristensen LE, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L40
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
128. [Herschel/HIFI spectroscopy of the intermediate mass protostar NGC7129 FIRS 2](#)
Author(s): Johnstone D, Fich M, McCoey C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L41
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI

129. [First detection of ND in the solar-mass protostar IRAS16293-2422](#)
Author(s): Bacmann A, Caux E, Hily-Blant P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L42
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
130. [Herschel/HIFI observations of spectrally resolved methylidyne signatures toward the high-mass star-forming core NGC 6334I](#)
Author(s): van der Wiel MHD, van der Tak FFS, Lis DC, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L43
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
131. [Herschel/HIFI detections of hydrides towards AFGL 2591 Envelope emission versus tenuous cloud absorption](#)
Author(s): Bruderer S, Benz AO, van Dishoeck EF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L44
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
132. [Nitrogen hydrides in interstellar gas Herschel/HIFI observations towards G10.6-0.4 \(W31C\)](#)
Author(s): Persson CM, Black JH, Cernicharo J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L45
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
133. [Reversal of infall in SgrB2\(M\) revealed by Herschel/HIFI observations of HCN lines at THz frequencies](#)
Author(s): Rolffs R, Schilke P, Comito C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L46
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
◆ ESO: APEX/ LABOCA
134. [Detection of OH+ and H2O+ towards Orion KL](#)
Author(s): Gupta H, Rimmer P, Pearson JC, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L47
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI
135. [First results on Martian carbon monoxide from Herschel/HIFI observations](#)
Author(s): Hartogh P, Blecka MI, Jarchow C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L48
Published: OCT 2010
◆ ESA/NASA: Herschel/ HIFI

136. [Herschel/HIFI observations of Mars: First detection of O-2 at submillimetre wavelengths and upper limits on HCl and H2O2](#)
 Author(s): Hartogh P, Jarchow C, Lellouch E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L49
 Published: OCT 2010
 ♦ ESA/NASA: Herschel/ HIFI
137. [Water production in comet 81P/Wild 2 as determined by Herschel/HIFI](#)
 Author(s): de Val-Borro M, Hartogh P, Crovisier J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L50
 Published: OCT 2010
 ♦ ESA/NASA: Herschel/ HIFI
 ♦ Otros: Nançay radio telescope.
138. [Polarisation observations of VY Canis Majoris H2O 5\(32\)-4\(41\) 620.701 GHz maser emission with HIFI](#)
 Author(s): Harwit M, Houde M, Sonnentrucker P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L51
 Published: OCT 2010
 ♦ ESA/NASA: Herschel/ HIFI
139. [Nitrogen hydrides in the cold envelope of IRAS 16293-2422](#)
 Author(s): Hily-Blant P, Maret S, Bacmann A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L52
 Published: OCT 2010
 ♦ ESA/NASA: Herschel/ HIFI
 ♦ Otros: CDMS and JPL databases
140. [A brown dwarf companion to the intermediate-mass star HR 6037](#)
 Author(s): Huéramo N, Nurnberger DEA, Ivanov VD, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: L54
 Published: OCT 2010
 ♦ ESO (Paranal): VLT/ NACO/ ISAAC
141. [Multiwavelength study of the star-formation in the bar of NGC 2903](#)
 Author(s): Popping G, Perez I, Zurita A
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A8
 Published: OCT 2010
 ♦ ORM: INT/ WFC
 ♦ Otros: Spitzer; Galex; SDSS database
142. [A spectroscopy study of nearby late-type stars, possible members of stellar kinematic groups](#)
 Author(s): Maldonado J, Martinez-Arnaiz RM, Eiroa C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A12
 Published: OCT 2010
 ♦ CAHA: 2.2m/ FOCES
 ♦ ORM: TNG/ SARG
 ♦ Otros: 1.52m/ FEROS (La Silla-no ESO); SIMBAD database

143. [Comet-shaped sources at the Galactic center Evidence of a wind from the central 0.2 pc](#)
 Author(s): Muzic K, Eckart A, Schodel R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A13
 Published: OCT 2010
 ♦ ESO (Paranal): VLT/ NAOS/CONICA
144. [Evolution of the infrared Tully-Fisher relation up to \$z=1.4\$](#)
 Author(s): Lorenzo MF, Cepa J, Bongiovanni A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A27
 Published: OCT 2010
 ♦ ESA: Hubble
 ♦ Otros: CFHT; AEGIS: Chandra, GALEX, Keck, CFHT, MMT, Subaru, Palomar, Spitzer, VLA
145. [HRC-I/Chandra X-ray observations towards sigma Orionis](#)
 Author(s): Caballero JA, Albacete-Colombo JF, Lopez-Santiago J
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A45
 Published: OCT 2010
 ♦ ESA: XMM-Newton/ EPIC
 ♦ Otros: Chandra; ROSAT; Einstein
146. [Challenging gamma-ray burst models through the broadband dataset of GRB060908](#)
 Author(s): Covino S, Campana S, Conciatore ML, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A53
 Published: OCT 2010
 ♦ ORM: NOT/ ALFOOSC; TNG/ DOLoRes
 ♦ IRAM: PdBI
 ♦ Otros: Swift; UKIRT; REM; SMARTS; UVOT; Danish 1.54m
147. [Massive star formation in Wolf-Rayet galaxies V. Star-formation rates, masses and the importance of galaxy interactions](#)
 Author(s): López-Sánchez AR
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A63
 Published: OCT 2010
 ♦ ORM: NOT; INT; WHT
 ♦ CAHA
 ♦ Otros: Galex; ATCA
148. [The complex structure of Abell 2345: a galaxy cluster with non-symmetric radio relics](#)
 Author(s): Boschin W, Barrena R, Girardi M
 Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A78
 Published: OCT 2010
 ♦ ORM: TNG/ DOLORES; INT/ WFC
 ♦ Otros: ROSAT archival data; NED database

149. [High-resolution infrared spectroscopy as a tool to detect false positives of transit search programs](#)
Author(s): Guenther EW, Tal-Or L
Source: ASTRONOMY & ASTROPHYSICS Volume: 521 Article Number: A83
Published: OCT 2010
◆ ESO (Paranal): VLT
150. [STAR FORMATION IN COLLISION DEBRIS: INSIGHTS FROM THE MODELING OF THEIR SPECTRAL ENERGY DISTRIBUTION](#)
Author(s): Boquien M, Duc PA, Galliano F, et al.
Source: ASTRONOMICAL JOURNAL Volume: 140 Issue: 6 Pages: 2124-2144
Published: DEC 2010
◆ ESO (La Silla): 3.6m; NTT
◆ CAHA: 3.5m
◆ ESA: AKARI
◆ Otros: Spitzer, GALEX, CFHT, KPNO:2.1m
151. [THE AGE, STELLAR CONTENT, AND STAR FORMATION TIMESCALE OF THE B59 DENSE CORE](#)
Author(s): Covey KR, Lada CJ, Roman-Zuniga C, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 722 Issue: 2 Pages: 971-988
Published: OCT 20 2010
◆ ESO (La Silla): NTT
◆ Otros: NASA Infrared Telescope Facility; 2MASS and SIMBAD databases
152. [THE ACS LCID PROJECT. VI. THE STAR FORMATION HISTORY OF THE TUCANA dSph AND THE RELATIVE AGES OF THE ISOLATED dSph GALAXIES](#)
Author(s): Monelli M, Gallart C, Hidalgo SL, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 722 Issue: 2 Pages: 1864-1878
Published: OCT 20 2010
◆ ESA: Hubble/ACS
153. [GRB 090313 AND THE ORIGIN OF OPTICAL PEAKS IN GAMMA-RAY BURST LIGHT CURVES: IMPLICATIONS FOR LORENTZ FACTORS AND RADIO FLARES](#)
Author(s): Melandri A, Kobayashi S, Mundell CG, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 723 Issue: 2 Pages: 1331-1342
Published: NOV 10 2010
◆ CAHA: 3.5m; 1.23m
◆ ORM: NOT; LT
◆ OT: IAC-80
◆ ESO: APEX/ LABOCA
◆ IRAM. PdBI
◆ Otros: Swift; Faulkes Telescope North (FTN); Faulkes Telescope South (FTS); Observatorio de Sierra Nevada (OSN)

154. [A PRECISE ASTEROSEISMIC AGE AND RADIUS FOR THE EVOLVED SUN-LIKE STAR KIC 11026764](#)
Author(s): Metcalfe TS, Monteiro MJPG, Thompson MJ, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 723 Issue: 2 Pages: 1583-1598 Published: NOV 10 2010
◆ ORM: NOT/ FIES
◆ Otros: Kepler
155. [YOUNG STARLESS CORES EMBEDDED IN THE MAGNETICALLY DOMINATED PIPE NEBULA](#)
Author(s): Frau P, Girart JM, Beltran MT, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 723 Issue: 2 Pages: 1665-1677 Published: NOV 10 2010
◆ IRAM: 30m
156. [A HIGH-RESOLUTION MASS MAP OF GALAXY CLUSTER SUBSTRUCTURE: LensPerfect ANALYSIS OF A1689](#)
Author(s): Coe D, Benitez N, Broadhurst T, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 723 Issue: 2 Pages: 1678-1702 Published: NOV 10 2010
◆ ESA: Hubble/ ACS/ WFC
◆ ORM: NOT
◆ ESO (La Silla): NTT/ SOFI
◆ Otros: Keck II; DuPont Telescope
157. [THE SOFT X-RAY AND NARROW-LINE EMISSION OF Mrk 573 ON KILOPARSEC SCALES](#)
Author(s): Gonzalez-Martin O, Acosta-Pulido JA, Garcia AMP, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 723 Issue: 2 Pages: 1748-1761 Published: NOV 10 2010
◆ ESA: XMM-Newton/ RGS/ EPIC; Hubble/ WFPC2
◆ Otros: Chandra
158. [THE SEARCH FOR PLANETARY MASS COMPANIONS TO FIELD BROWN DWARFS WITH HST/NICMOS](#)
Author(s): Stumpf MB, Brandner W, Joergens V, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 724 Issue: 1 Pages: 1-11 Published: NOV 20 2010
◆ ESA: Hubble/ NICMOS
159. [THE NATURE OF STARBURSTS. II. THE DURATION OF STARBURSTS IN DWARF GALAXIES](#)
Author(s): McQuinn KBW, Skillman ED, Cannon JM, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 724 Issue: 1 Pages: 49-58 Published: NOV 20 2010
◆ ESA: Hubble
◆ Otros: NED database

160. [DETECTION OF VERY HIGH ENERGY gamma-RAY EMISSION FROM THE PERSEUS CLUSTER HEAD-TAIL GALAXY IC 310 BY THE MAGIC TELESCOPES](#)
Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 723 Issue: 2 Pages: L207-L212 Published: NOV 10 2010
◆ ORM: MAGIC
◆ Otros: NED database
161. [TESTING STRICT HYDROSTATIC EQUILIBRIUM IN SIMULATED CLUSTERS OF GALAXIES: IMPLICATIONS FOR A1689](#)
Author(s): Molnar SM, Chiu IN, Umetsu K, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 724 Issue: 1 Pages: L1-L4 Published: NOV 20 2010
◆ ESA: Hubble/ACS
◆ Otros: Subaru
162. [Herschel Space Observatory An ESA facility for far-infrared and submillimetre astronomy](#)
Author(s): Pilbratt GL, Riedinger JR, Passvogel T, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L1 Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
163. [The Photodetector Array Camera and Spectrometer \(PACS\) on the Herschel Space Observatory](#)
Author(s): Poglitsch A, Waelkens C, Geis N, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L2 Published: JUL-AUG 2010
◆ ESA/NASA: Herschel (in-orbit calibration)
164. [The Herschel-SPIRE instrument and its in-flight performance](#)
Author(s): Griffin MJ, Abergel A, Abreu A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L3 Published: JUL-AUG 2010
◆ ESA/NASA: Herschel (in-orbit calibration)
165. [In-flight calibration of the Herschel-SPIRE instrument](#)
Author(s): Swinyard BM, Ade P, Baluteau JP, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L4 Published: JUL-AUG 2010
◆ ESA/NASA: Herschel (in-orbit calibration)
166. [HerMES: The SPIRE confusion limit](#)
Author(s): Nguyen HT, Schulz B, Levenson L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L5 Published: JUL-AUG 2010
◆ ESA/NASA: Herschel (in-orbit calibration)

167. [The Herschel-Heterodyne Instrument for the Far-Infrared \(HIFI\)](#)
Author(s): De Graauw T, Helmich FP, Phillips TG, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L6
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel (in-orbit calibration)
168. [Herschel ATLAS: The cosmic star formation history of quasar host galaxies](#)
Author(s): Serjeant S, Bertoldi F, Blain AW, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L7
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ SPIRE
169. [Herschel-ATLAS: Extragalactic number counts from 250 to 500 microns](#)
Author(s): Clements DL, Rigby E, Maddox S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L8
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
170. [Herschel-ATLAS: Dust temperature and redshift distribution of SPIRE and PACS detected sources using submillimetre colours](#)
Author(s): Amblard A, Cooray A, Serra P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L9
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ SPIRE/ PACS
171. [Herschel-ATLAS: Evolution of the 250 \$\mu\$ m luminosity function out to \$z = 0.5\$](#)
Author(s): Dye S, Dunne L, Eales S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L10
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
172. [Herschel-ATLAS: The angular correlation function of submillimetre galaxies at high and low redshift](#)
Author(s): Maddox SJ, Dunne L, Rigby E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L11
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ SPIRE/ PACS
173. [The Herschel Lensing Survey \(HLS\): Overview](#)
Author(s): Egami E, Rex M, Rawle TD, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L12
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ SPIRE/ PACS

174. [The far-infrared/submillimeter properties of galaxies located behind the Bullet cluster](#)
Author(s): Rex M, Rawle TD, Egami E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L13
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ SPIRE/ PACS
175. [Deep Herschel view of obscured star formation in the Bullet cluster](#)
Author(s): Rawle TD, Chung SM, Fadda D, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L14
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel; Hubble
◆ ESO (Paranal): VLT/ FORS
◆ Otros: Magellan IMACS; Spitzer; CTIO
176. [Improving the identification of high-z Herschel sources with position priors and optical/NIR and FIR/mm photometric redshifts](#)
Author(s): Pérez-González PG, Egami E, Rex M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L15
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: Spitzer
177. [First detection of the Sunyaev Zel'dovich effect increment at \$\lambda < 650 \mu\text{m}\$](#)
Author(s): Zemcov M, Rex M, Rawle TD, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L16
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
178. [Herschel deep far-infrared counts through Abell 2218 cluster-lens](#)
Author(s): Altieri B, Berta S, Lutz D, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L17
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel ; Hubble
◆ Otros: Spitzer
179. [The HerMES SPIRE submillimeter local luminosity function](#)
Author(s): Vaccari M, Marchetti L, Franceschini A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L20
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: SDSS y NED databases

180. [HerMES: SPIRE galaxy number counts at 250, 350, and 500 \$\mu\text{m}\$](#)
Author(s): Oliver SJ, Wang L, Smith AJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L21
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
181. [HerMES: Halo occupation number and bias properties of dusty galaxies from angular clustering measurements](#)
Author(s): Cooray A, Amblard A, Wang L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L22
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
182. [First results from HerMES on the evolution of the submillimetre luminosity function](#)
Author(s): Eales SA, Raymond G, Roseboom IG, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L23
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: Spitzer
183. [The star-formation rates of \$1.5 < z < 2.5\$ massive galaxies](#)
Author(s): Nordon R, Lutz D, Shao L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L24
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: Spitzer; Chandra
184. [The first Herschel view of the mass-SFR link in high- \$z\$ galaxies](#)
Author(s): Rodighiero G, Cimatti A, Gruppioni C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L25
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: Spitzer
185. [Star formation in AGN hosts in GOODS-N](#)
Author(s): Shao L, Lutz D, Nordon R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L26
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: Chandra
186. [PEP: First Herschel probe of dusty galaxy evolution up to \$z\$ similar to 3](#)
Author(s): Gruppioni C, Pozzi F, Andreani P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L27
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

187. [Far-infrared properties of submillimeter and optically faint radio galaxies](#)
Author(s): Magnelli B, Lutz D, Berta S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L28
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
188. [Herschel unveils a puzzling uniformity of distant dusty galaxies](#)
Author(s): Elbaz D, Hwang HS, Magnelli B, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L29
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
189. [Dissecting the cosmic infra-red background with Herschel/PEP](#)
Author(s): Berta S, Magnelli B, Lutz D, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L30
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
190. [The far-infrared/radio correlation as probed by Herschel](#)
Author(s): Ivison RJ, Magnelli B, Ibar E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L31
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: VLA
191. [HerMES: The submillimeter spectral energy distributions of Herschel/SPIRE-detected galaxies](#)
Author(s): Schulz B, Pearson CP, Clements DL, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L32
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
192. [HerMES: Far infrared properties of known AGN in the HerMES fields](#)
Author(s): Hatziminaoglou E, Omont A, Stevens JA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L33
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: Spitzer; SDSS
193. [Herschel and SCUBA-2 imaging and spectroscopy of a bright, lensed submillimetre galaxy at \$z=2.3\$](#)
Author(s): Ivison RJ, Swinbank AM, Swinyard B, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L35
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: SCUBA-2

194. [Herschel-PACS spectroscopy of IR-bright galaxies at high redshift](#)
Author(s): Sturm E, Verma A, Gracia-Carpio J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L36
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
195. [Probing the molecular interstellar medium of M82 with Herschel-SPIRE spectroscopy](#)
Author(s): Panuzzo P, Rangwala N, Rykala A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L37
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
196. [Herschel-ATLAS: Blazars in the science demonstration phase field](#)
Author(s): González-Nuevo J, De Zotti G, Andreani P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L38
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: GMRT, ATCA, UKIDSS, and Spitzer
197. [Herschel-ATLAS: The dust energy balance in the edge-on spiral galaxy UGC 754](#)
Author(s): Baes M, Fritz J, Gadotti DA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L39
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: UKIDSS; SDSS database
198. [Herschel-PACS spectroscopic diagnostics of local ULIRGs: Conditions and kinematics in Markarian 231](#)
Author(s): Fischer J, Sturm E, Gonzalez-Alfonso E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L41
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
199. [Black hole accretion and star formation as drivers of gas excitation and chemistry in Markarian 231](#)
Author(s): van der Werf PP, Isaak KG, Meijerink R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L42
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
200. [Herschel observations of water vapour in Markarian 231](#)
Author(s): González-Alfonso E, Fischer J, Isaak K, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L43
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

201. [The dust morphology of the elliptical Galaxy M 86 with SPIRE](#)
Author(s): Gomez HL, Baes M, Cortese L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L45
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
202. [Herschel photometric observations of the nearby low metallicity irregular galaxy NGC 6822](#)
Author(s): Galametz M, Madden SC, Galliano F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L55
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
203. [Enhanced dust heating in the bulges of early-type spiral galaxies](#)
Author(s): Engelbracht CW, Hunt LK, Skibba RA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L56
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: Spitzer
204. [Herschel photometric observations of the low metallicity dwarf galaxy NGC 1705](#)
Author(s): O'Halloran B, Galametz M, Madden SC, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L58
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
205. [Mapping far-IR emission from the central kiloparsec of NGC 1097](#)
Author(s): Sandstrom K, Krause O, Linz H, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L59
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ PACS
206. [Far-infrared line imaging of the starburst ring in NGC 1097 with the Herschel/PACS spectrometer](#)
Author(s): Beirao P, Armus L, Appleton PN, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L60
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ PACS
207. [FIR colours and SEDs of nearby galaxies observed with Herschel](#)
Author(s): Boselli A, Ciesla L, Buat V, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L61
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

208. [Mapping the interstellar medium in galaxies with Herschel/SPIRE](#)
Author(s): Eales SA, Smith MWL, Wilson CD, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L62
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel/ SPIRE](#)
209. [Herschel-SPIRE observations of the disturbed galaxy NGC4438](#)
Author(s): Cortese L, Bendo GJ, Boselli A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L63
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel/ SPIRE](#)
210. [The central region of spiral galaxies as seen by Herschel](#)
Author(s): Sauvage M, Sacchi N, Bendo GJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L64
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
◆ Otros: NED database
211. [The Herschel Space Observatory view of dust in M81](#)
Author(s): Bendo GJ, Wilson CD, Pohlen M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L65
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
212. [SPIRE imaging of M82: Cool dust in the wind and tidal streams](#)
Author(s): Roussel H, Wilson CD, Vigroux L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L66
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel/ SPIRE](#)
213. [PACS and SPIRE photometer maps of M33: First results of the HERschel M33 Extended Survey \(HERM33ES\)](#)
Author(s): Kramer C, Buchbender C, Xilouris EM, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L67
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel/ SPIRE/ PACS](#)
214. [Properties of compact 250 \$\mu\$ m emission and HII regions in M33 \(HERM33ES\)](#)
Author(s): Verley S, Relano M, Kramer C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L68
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)

215. [Cool gas and dust in M33: Results from the HERschel M33 Extended Survey \(HERM33ES\)](#)
Author(s): Braine J, Gratier P, Kramer C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L69
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
216. [100 \$\mu\$ m and 160 \$\mu\$ m emission as resolved star-formation rate estimators in M33 \(HERM33ES\)](#)
Author(s): Boquien M, Calzetti D, Kramer C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L70
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: NED database
217. [Radial distribution of gas and dust in spiral galaxies The case of M99 \(NGC4254\) and M100 \(NGC 4321\)](#)
Author(s): Pohlen M, Cortese L, Smith MWL, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L72
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
218. [Initial highlights of the HOBYS key program, the Herschel imaging survey of OB young stellar objects](#)
Author(s): Motte F, Zavagno A, Bontemps S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L77
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
219. [HIFI observations of warm gas in DR21: Shock versus radiative heating](#)
Author(s): Ossenkopf V, Rollig M, Simon R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L79
Published: JUL-AUG 2010
◆ ESA: Herschel; ISO
220. [The Herschel view of star formation in the Rosette molecular cloud under the influence of NGC 2244](#)
Author(s): Schneider N, Motte F, Bontemps S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L83
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
221. [Herschel observations of embedded protostellar clusters in the Rosette molecular cloud](#)
Author(s): Hennemann M, Motte F, Bontemps S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L84
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

222. [The Herschel first look at protostars in the Aquila rift](#)
Author(s): Bontemps S, Andre P, Konyves V, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L85
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ Otros: 2MASS database
223. [Herschel-PACS spectroscopy of the intermediate mass protostar NGC 7129 FIRS 2](#)
Author(s): Fich M, Johnstone D, van Kempen TA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L86
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
224. [Small-scale structure in the Rosette molecular cloud revealed by Herschel](#)
Author(s): Di Francesco J, Sadavoy S, Motte F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L91
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
225. [Hier ist wahrhaftig ein Loch im Himmel The NGC 1999 dark globule is not a globule](#)
Author(s): Stanke T, Stutz AM, Tobin JJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L94
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel/ PACS
◆ ESO: APEX/ LABOCA/ SABOCA
226. [Clouds, filaments, and protostars: The Herschel Hi-GAL Milky Way](#)
Author(s): Molinari S, Swinyard B, Bally J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L100
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
227. [From filamentary clouds to prestellar cores to the stellar IMF: Initial highlights from the Herschel Gould Belt Survey](#)
Author(s): André P, Men'shchikov A, Bontemps S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L102
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
228. [Water abundance variations around high-mass protostars: HIFI observations of the DR21 region](#)
Author(s): van der Tak FFS, Marseille MG, Herpin F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L107
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

229. [Strong absorption by interstellar hydrogen fluoride: Herschel/HIFI observations of the sight-line to G10.6-0.4 \(W31C\)](#)
Author(s): Neufeld DA, Sonnentrucker P, Phillips TG, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L108
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
230. [Herschel observations of EXtra-Ordinary Sources \(HEXOS\): Detection of hydrogen fluoride in absorption towards Orion KL](#)
Author(s): Phillips TG, Bergin EA, Lis DC, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L109
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
231. [Interstellar OH+, H2O+ and H3O+ along the sight-line to G10.6-0.4](#)
Author(s): Gerin M, De Luca M, Black J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L110
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
232. [Detection of interstellar oxidaniumyl: Abundant H2O+ towards the star-forming regions DR21, Sgr B2, and NGC6334](#)
Author(s): Ossenkopf V, Muller HSP, Lis DC, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L111
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
233. [The CHESS spectral survey of star forming regions: Peering into the protostellar shock L1157-B1 I. Shock chemical complexity](#)
Author(s): Codella C, Lefloch B, Ceccarelli C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L112
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
234. [The CHESS spectral survey of star forming regions: Peering into the protostellar shock L1157-B1 II. Shock dynamics](#)
Author(s): Lefloch B, Cabrit S, Codella C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L113
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
235. [The Cl-35/Cl-37 isotopic ratio in dense molecular clouds: HIFI observations of hydrogen chloride towards W3 A](#)
Author(s): Cernicharo J, Goicoechea JR, Daniel F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L115
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

236. [Strong CH+ J=1-0 emission and absorption in DR21](#)
Author(s): Falgarone E, Ossenkopf V, Gerin M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L118
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
237. [Predicted colors and flux densities of protostars in the Herschel PACS and SPIRE filters](#)
Author(s): Ali B, Tobin JJ, Fischer WJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L119
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
238. [Water cooling of shocks in protostellar outflows Herschel-PACS map of L1157](#)
Author(s): Nisini B, Benedettini M, Codella C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L120
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
239. [Origin of the hot gas in low-mass protostars Herschel-PACS spectroscopy of HH 46](#)
Author(s): van Kempen TA, Kristensen LE, Herczeg GJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L121
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
240. [Herschel-PACS imaging of protostars in the HH 1-2 outflow complex](#)
Author(s): Fischer WJ, Megeath ST, Ali B, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L122
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
◆ ESO: APEX
◆ Otros: Spitzer; 2MASS database
241. [Gas in the protoplanetary disc of HD 169142: Herschel's view](#)
Author(s): Meeus G, Pinte C, Woitke P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L124
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
242. [Herschel-PACS observation of the 10 Myr old T Tauri disk TW Hya
Constraining the disk gas mass](#)
Author(s): Thi WF, Mathews G, Menard F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L125
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

243. [The Herschel view of GAS in Protoplanetary Systems \(GASPS\) First comparisons with a large grid of models](#)
Author(s): Pinte C, Woitke P, Menard F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L126
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
244. [GAS in Protoplanetary Systems \(GASPS\) I. First results](#)
Author(s): Mathews GS, Dent WRF, Williams JP, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L127
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
245. [Dust, Ice, and Gas In Time \(DIGIT\) Herschel program first results A full PACS-SED scan of the gas line emission in protostar DK Chamaeleontis](#)
Author(s): van Kempen TA, Green JD, Evans NJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L128
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
246. [First results of the Herschel key program "Dust, Ice and Gas In Time" \(DIGIT\): Dust and gas spectroscopy of HD 100546](#)
Author(s): Sturm B, Bouwman J, Henning T, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L129
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
247. [Cold DUST around NEArby Stars \(DUNES\). First results A resolved exo-Kuiper belt around the solar-like star zeta\(2\) Ret](#)
Author(s): Eiroa C, Fedele D, Maldonado J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L131
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
248. [Resolving the cold debris disc around a planet-hosting star PACS photometric imaging observations of q\(1\) Eridani \(HD 10647, HR 506\)](#)
Author(s): Liseau R, Eiroa C, Fedele D, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L132
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
249. [A search for debris disks in the Herschel-ATLAS](#)
Author(s): Thompson MA, Smith DJB, Stevens JA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L134
Published: JUL-AUG 2010
◆ [ESA/NASA: Herschel](#)
◆ Otros: SDSS y UKIDSS databases

250. [Resolving debris discs in the far-infrared: Early highlights from the DEBRIS survey](#)
Author(s): Matthews BC, Sibthorpe B, Kennedy G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L135
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
251. [Detection of anhydrous hydrochloric acid, HCl, in IRC+10216 with the Herschel SPIRE and PACS spectrometers Detection of HCl in IRC+10216](#)
Author(s): Cernicharo J, Decin L, Barlow MJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L136
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
252. [Herschel images of NGC 6720: H-2 formation on dust grains](#)
Author(s): van Hoof PAM, Van de Steene GC, Barlow MJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L137
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
253. [Silicon in the dust formation zone of IRC+10216](#)
Author(s): Decin L, Cernicharo J, Barlow MJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L143
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
254. [Herschel-SPIRE FTS spectroscopy of the carbon-rich objects AFGL 2688, AFGL 618, and NGC 7027](#)
Author(s): Wesson R, Cernicharo J, Barlow MJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L144
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
255. [PACS and SPIRE spectroscopy of the red supergiant VY CMa](#)
Author(s): Royer P, Decin L, Wesson R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L145
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel
256. ["TNOs are Cool": A survey of the trans-Neptunian region I. Results from the Herschel science demonstration phase \(SDP\)](#)
Author(s): Muller TG, Lellouch E, Stansberry J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L146
Published: JUL-AUG 2010
◆ ESA/NASA: Herschel

257. ["TNOs are Cool": A survey of the trans-Neptunian region II. The thermal lightcurve of \(136108\) Haumea](#)
Author(s): Lellouch E, Kiss C, Santos-Sanz P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L147
Published: JUL-AUG 2010
- ◆ ESA/NASA: Herschel
 - ◆ CAHA: 1.2m/CCD
 - ◆ Otros: S Pedro Atacama: 3,5m
258. ["TNOs are Cool": A survey of the trans-Neptunian region III. Thermophysical properties of 90482 Orcus and 136472 Makemake](#)
Author(s): Lim TL, Stansberry J, Muller TG, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L148
Published: JUL-AUG 2010
- ◆ ESA/NASA: Herschel
 - ◆ IRAM: 30m
259. [A study of the distant activity of comet C/2006 W3 \(Christensen\) with Herschel and ground-based radio telescopes](#)
Author(s): Bockelee-Morvan D, Hartogh P, Crovisier J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L149
Published: JUL-AUG 2010
- ◆ ESA/NASA: Herschel
 - ◆ IRAM: 30m
 - ◆ Otros: Nançay radio telescope
260. [HIFI observations of water in the atmosphere of comet C/2008 Q3 \(Garradd\)](#)
Author(s): Hartogh P, Crovisier J, de Val-Borro M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L150
Published: JUL-AUG 2010
- ◆ ESA/NASA: Herschel
261. [The Herschel-SPIRE submillimetre spectrum of Mars](#)
Author(s): Swinyard BM, Hartogh P, Sidher S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L151
Published: JUL-AUG 2010
- ◆ ESA/NASA: Herschel
262. [First results of Herschel-PACS observations of Neptune](#)
Author(s): Lellouch E, Hartogh P, Feuchtgruber H, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 518 Article Number: L152
Published: JUL-AUG 2010
- ◆ ESA/NASA: Herschel

263. [Molecular gas chemistry in AGN II. High-resolution imaging of SiO emission in NGC 1068: shocks or XDR?](#)
Author(s): Garcia-Burillo S, Usero A, Fuente A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A2
Published: SEP 2010
◆ IRAM: PdBI
264. [The redshift and broad-band spectral energy distribution of NRAO 150](#)
Author(s): Acosta-Pulido JA, Agudo I, Barrena R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A5
Published: SEP 2010
◆ ORM: WHT/ LIRIS; LT
◆ OT: IAC-80
◆ IRAM: 30m
265. [Identification of the optical and near-infrared counterpart of GRS 1758-258](#)
Author(s): Muñoz-Arjonilla AJ, Marti J, Luque-Escamilla PL, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A15
Published: SEP 2010
◆ GTC
◆ ESO (La Silla): NTT
◆ ESO (Paranal): VLT
◆ Otros: VLA; 2MASS database
266. [MAGIC TeV gamma-ray observations of Markarian 421 during multiwavelength campaigns in 2006](#)
Author(s): Aleksic J, Anderhub H, Antonelli LA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A32
Published: SEP 2010
◆ ORM: MAGIC
267. [X-ray variation statistics and wind clumping in Vela X-1](#)
Author(s): Furst F, Kreykenbohm I, Pottschmidt K, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A37
Published: SEP 2010
◆ ESA: INTEGRAL
268. [Detection of frequency spacings in the young O-type binary HD46149 from CoRoT photometry](#)
Author(s): Degroote P, Briquet M, Auvergne M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A38
Published: SEP 2010
◆ ESA: CoRoT
◆ ESO (La Silla): 3.6m/ HARPS
◆ ORM: Mercator/ HERMES
◆ Otros: 1.2 m twin telescopes Euler (La Silla-no ESO)

269. [The kinematics of the quadrupolar nebula M 1-75 and the identification of its central star](#)
Author(s): Santander-Garcia M, Rodriguez-Gil P, Hernandez O, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A54
Published: SEP 2010
◆ ORM: WHT/ ACAM; INT/ WFC
270. [Wavelet and R/S analysis of the X-ray flickering of cataclysmic variables](#)
Author(s): Anzolin G, Tamburini F, de Martino D, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A69
Published: SEP 2010
◆ ESA: XMM-Newton
271. [Adaptive optics near infrared integral field spectroscopy of NGC 2992](#)
Author(s): Friedrich S, Davies RI, Hicks EKS, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A79
Published: SEP 2010
◆ ESO (Paranal): VLT/ SINFONI/ ISAAC
272. [The X-ray to \[Ne V\]3426 flux ratio: discovering heavily obscured AGN in the distant Universe](#)
Author(s): Gilli R, Vignali C, Mignoli M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A92
Published: SEP 2010
◆ ESA: XMM-Newton
◆ Otros: Chandra; SDSS database
273. [Near-infrared low-resolution spectroscopy of Pleiades L-type brown dwarfs](#)
Author(s): Bihain G, Rebolo R, Osorio MRZ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A93
Published: SEP 2010
◆ ORM: WHT/ LIRIS; TNG
◆ CAHA: 3.5m/ Omega 2000
◆ Otros: SIMBAD and 2MASS databases
274. [WASP-21b: a hot-Saturn exoplanet transiting a thick disc star](#)
Author(s): Bouchy F, Hebb L, Skillen I, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A98
Published: SEP 2010
◆ ORM: SuperWASP-North; LT; NOT
◆ ESO (La Silla): 3.6m/ HARPS
◆ Otros: 2-m Faulkes Telescope North (FTN); 1.93-m telescope of OHP; 1.2-m Swiss Euler telescope

275. [Mapping the ionised gas around the luminous QSO HE 1029-1401: evidence for minor merger events?](#)
 Author(s): Husemann B, Sanchez SF, Wisotzki L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: A115
 Published: SEP 2010
 ♦ ESO (Paranal): VLT/ VIMOS
276. [Herschel FIR counterparts of selected Ly alpha emitters at z similar to 2.2 Fast evolution since z similar to 3 or missed obscured AGNs?](#)
 Author(s): Bongiovanni A, Oteo I, Cepa J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: L4
 Published: SEP 2010
 ♦ ESA/NASA: Herschel
 ♦ CAHA: 3.5m
277. [Serendipitous discovery of the long-sought active galactic nucleus in Arp 299-A](#)
 Author(s): Pérez-Torres MA, Alberdi A, Romero-Canizales C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 519 Article Number: L5
 Published: SEP 2010
 ♦ EVN (Yebes)
278. [The SAURON project - XVII. Stellar population analysis of the absorption line strength maps of 48 early-type galaxies](#)
 Author(s): Kuntschner H, Emsellem E, Bacon R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 408 Issue: 1 Pages: 97-132 Published: OCT 11 2010
 ♦ ORM: WHT
 ♦ ESA/NASA: Hubble
 ♦ Otros: 1.3-m Mcgraw-Hill Telescope at the MDM observatory ; NED database
279. [Multiple major outbursts from a restless luminous blue variable in NGC 3432](#)
 Author(s): Pastorello A, Botticella MT, Trundle C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 408 Issue: 1 Pages: 181-198 Published: OCT 11 2010
 ♦ ORM: TNG; LT; NOT/ ALFOSC; WHT/ ISIS
 ♦ CAHA: 2.2 m
 ♦ ESA/NASA: Hubble
 ♦ Otros: 1.82-m telescope of INAF-Asiago Observatory
280. [Long-term monitoring of LS I+61 degrees 303 with INTEGRAL](#)
 Author(s): Zhang S, Torres DF, Li J, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 408 Issue: 1 Pages: 642-646 Published: OCT 11 2010
 ♦ ESA: INTEGRAL

281. [Integral-field spectroscopy of type II QSOs at \$z=0.3-0.4\$](#)
Author(s): Humphrey A, Villar-Martin M, Sanchez SF, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 408 Issue: 1 Pages: L1-L5 Published: OCT 11 2010
◆ CAHA: 3.5m/ PMAS
282. [Full lensing analysis of Abell 1703: comparison of independent lens-modelling techniques](#)
Author(s): Zitrin A, Broadhurst T, Umetsu K, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 408 Issue: 3 Pages: 1916-1927 Published: NOV 1 2010
◆ ESA/NASA: Hubble
◆ Otros: Subaru
283. [A multilayer model for thermal infrared emission of Saturn's rings II: Albedo, spins, and vertical mixing of ring particles inferred from Cassini CIRS](#)
Author(s): Morishima R, Spilker L, Salo H, et al.
Source: ICARUS Volume: 210 Issue: 1 Pages: 330-345 Published: NOV 2010
◆ ESA/NASA: Cassini
284. [Planck pre-launch status: The optical system](#)
Author(s): Tauber JA, Norgaard-Nielsen HU, Ade PAR, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A2
Published: SEP-OCT 2010
◆ ESA: Planck pre-launch status
285. [Mapping the properties of blue compact dwarf galaxies: integral field spectroscopy with PMAS](#)
Author(s): Cairós LM, Caon N, Zurita C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A90
Published: SEP-OCT 2010
◆ CAHA: 3.5m/ PMAS
286. [Molecular cloud formation and the star formation efficiency in M 33 Molecule and star formation in M 33](#)
Author(s): Braine J, Gratier P, Kramer C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A107
Published: SEP-OCT 2010
◆ IRAM: 30m
287. [A VLT/FLAMES survey for massive binaries in Westerlund 1 II. Dynamical constraints on magnetar progenitor masses from the eclipsing binary W13](#)
Author(s): Ritchie BW, Clark JS, Negueruela I, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A48
Published: SEP-OCT 2010
◆ ESO (Paranal): VLT/FLAMES+GIRAFFE

288. [C2D Spitzer-IRS spectra of disks around T Tauri stars V. Spectral decomposition](#)
Author(s): Olofsson J, Augereau JC, van Dishoeck EF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A39
Published: SEP-OCT 2010
◆ ESA: XMM-Newton
◆ Otros: Spitzer/IRS
289. [The magnetically-active, low-mass, triple system WDS 19312+3607 \(Research Note\)](#)
Author(s): Caballero JA, Montes D, Klutsch A, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A91
Published: SEP-OCT 2010
◆ CAHA: 2.2m/ CAFOS
◆ ORM: INT
290. [K 3-22: a D-type symbiotic star \(Research Note\)](#)
Author(s): Corradi RLM, Giammanco C
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A99
Published: SEP-OCT 2010
◆ ORM: INT
◆ Otros: 2MASS
291. [CoRoT light curves of RR Lyrae stars CoRoT 101128793: long-term changes in the Blazhko effect and excitation of additional modes](#)
Author(s): Poretti E, Paparo M, Deleuil M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A108
Published: SEP-OCT 2010
◆ ESA: CoRoT
292. [Transiting exoplanets from the CoRoT space mission X. CoRoT-10b: a giant planet in a 13.24 day eccentric orbit](#)
Author(s): Bonomo AS, Santerne A, Alonso R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A65
Published: SEP-OCT 2010
◆ ESA: CoRoT
◆ ESO (La Silla): 3.6-m/ HARPS
◆ ORM: INT
◆ Otros: 1.2-m telescope at OHP
293. [Transiting exoplanets from the CoRoT space mission XI. CoRoT-8b: a hot and dense sub-Saturn around a K1 dwarf](#)
Author(s): Borde P, Bouchy F, Deleuil M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A66
Published: SEP-OCT 2010
◆ ESA: CoRoT
◆ ESO (La Silla): 3.6-m / HARPS
◆ ESO (Paranal): VLT/ UVES
◆ Otros: 1.2-m telescope at OHP/ SHOPIE; SIMBAD database

294. [Global plasma-parameter simulation of Comet 67P/Churyumov-Gerasimenko approaching the Sun](#)
 Author(s): Gortsas N, Motschmann U, Kuhrt E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A92
 Published: SEP-OCT 2010
 ♦ Teórico
295. [Transiting exoplanets from the CoRoT space mission XII. CoRoT-12b: a short-period low-density planet transiting a solar analog star](#)
 Author(s): Gillon M, Hatzes A, Csizmadia S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A97
 Published: SEP-OCT 2010
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 3.6-m ESO telescope/ HARPS
 ♦ ORM: INT
 ♦ Otros: Keck I/ HIRES
296. [Two-dimensional solar spectropolarimetry with the KIS/IAA Visible Imaging Polarimeter](#)
 Author(s): Beck C, Rubio LRB, Kentischer TJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A115
 Published: SEP-OCT 2010
 ♦ OT: VTT
297. [The VIMOS-VLT deep survey: the group catalogue](#)
 Author(s): Cucciati O, Marinoni C, Iovino A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A42
 Published: SEP-OCT 2010
 ♦ ESO (Paranal): VLT/ VIMOS
 ♦ Otros: CFHT
298. [Chromospheric activity and rotation of FGK stars in the solar vicinity An estimation of the radial velocity jitter](#)
 Author(s): Martinez-Arnaiz R, Maldonado J, Montes D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A79
 Published: SEP-OCT 2010
 ♦ CAHA: 2.2m/ FOCES
 ♦ ORM: TNG/ SARG
 ♦ Otros: 1.52 m telescope (La Silla-decomisionado); 2.7 m telescope at McDonald Observatory
299. [RADIAL VELOCITIES OF GALACTIC HALO STARS IN VIRGO](#)
 Author(s): Brink TG, Mateo M, Martinez-Delgado D
 Source: ASTRONOMICAL JOURNAL Volume: 140 Issue: 5 Pages: 1337-1346
 Published: NOV 2010
 ♦ ORM: INT (indirecto)
 ♦ Otros: 6.5 m Magellan Telescopes located at Las Campanas Observatory

300. [The central region of M83: massive star formation, kinematics, and the location and origin of the nucleus](#)
 Author(s): Knapen JH, Sharp RG, Ryder SD, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 408 Issue: 2 Pages: 797-811 Published: OCT 21 2010
 ♦ [ESA/NASA: Hubble](#)
 ♦ Otros: Anglo-Australian Telescope; Gemini South
301. [The GeV to TeV connection in the environment of SNR IC 443](#)
 Author(s): Torres DF, Marrero AYR, del Pozo ED
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 408 Issue: 2 Pages: 1257-1266 Published: OCT 21 2010
 ♦ [ORM: MAGIC](#)
 ♦ Otros: VERITAS
302. [EXOTIME: searching for planets around pulsating subdwarf B stars](#)
 Author(s): Schuh S, Silvotti R, Lutz R, et al.
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 329 Issue: 1-2
 Pages: 231-242 Published: OCT 2010
 ♦ [ORM: TNG/ DOLORES](#)
 ♦ [CAHA: 2.2m/ CAFOS](#)
 ♦ Otros: MOnitoring NETwork of Telescopes (MONET)
303. [Supernova remnants, planetary nebulae and the distance to NGC 4214](#)
 Author(s): Dopita MA, Calzetti D, Apellaniz JM, et al.
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 330 Issue: 1
 Pages: 123-131 Published: NOV 2010
 ♦ [ESA/NASA: Hubble](#)
 ♦ Otros: NED database
304. [MULTI-LAYER STUDY OF WAVE PROPAGATION IN SUNSPOTS](#)
 Author(s): Felipe T, Khomenko E, Collados M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 722 Issue: 1 Pages: 131-144
 Published: OCT 10 2010
 ♦ [OT: VTT](#)
305. [THE EFFECT OF HOST GALAXIES ON TYPE Ia SUPERNOVAE IN THE SDSS-II SUPERNOVA SURVEY](#)
 Author(s): Lampeitl H, Smith M, Nichol RC, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 722 Issue: 1 Pages: 566-576
 Published: OCT 10 2010
 ♦ [ORM: WHT](#)
 ♦ Otros: Hobby-Eberly Telescope (HET); Apache Point Observatory 3.5 m telescope; Subaru Telescope; SDSS database

306. [GROUND-BASED MULTISITE OBSERVATIONS OF TWO TRANSITS OF HD 80606b](#)
 Author(s): Shporer A, Winn JN, Dreizler S, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 722 Issue: 1 Pages: 880-887
 Published: OCT 10 2010
- ◆ GTC/ OSIRIS
 - ◆ WO: Wise Observatory;
 - ◆ OHP: Observatoire de Haute Provence;
 - ◆ AO: Allegheny Observatory;
 - ◆ RHO: Rosemary Hill Observatory;
 - ◆ FLWO: Fred Lawrence Whipple Observatory;
 - ◆ TMO: Table Mountain Observatory;
 - ◆ WAO: Wallace Astrophysical Observatory;
 - ◆ FTN: Faulkes Telescope North;
 - ◆ MLO: Mountain Laguna Observatory.
307. [WITNESSING THE KEY EARLY PHASE OF QUASAR EVOLUTION: AN OBSCURED ACTIVE GALACTIC NUCLEUS PAIR IN THE INTERACTING GALAXY IRAS 20210+1121](#)
 Author(s): Piconcelli E, Vignali C, Bianchi S, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 722 Issue: 2
 Pages: L147-L151 Published: OCT 20 2010
- ◆ ESA: XMM-Newton
308. [BROADBAND STUDY WITH SUZAKU OF THE MAGNETAR CLASS](#)
 Author(s): Enoto T, Nakazawa K, Makishima K, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 722 Issue: 2
 Pages: L162-L167 Published: OCT 20 2010
- ◆ ESA: Suzaku
309. [ON THE RADIAL EXTENT OF THE DWARF IRREGULAR GALAXY IC10](#)
 Author(s): Sanna N, Bono G, Stetson PB, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 722 Issue: 2
 Pages: L244-L249 Published: OCT 20 2010
- ◆ ESA/NASA: Hubble/ ACS/ WFPC2
 - ◆ Otros: Subaru
310. [ORBITAL ELEMENTS FOR EIGHT BINARIES. STUDY OF THE NATURE OF WIDE COMPONENTS. I](#)
 Author(s): Romero FMR
 Source: REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA Volume: 46 Issue: 2 Pages: 263-277 Published: OCT 2010
- ◆ ESA: Hipparcos catalog

311. [NGC765 - a disturbed H I giant](#)
Author(s): Portas AM, Brinks E, Filho ME, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 407 Issue: 3 Pages: 1674-1688 Published: SEP 21 2010
◆ ORM: INT/ WFC
◆ Otros: VLA; Chandra; Palomar Mountain and UK Schmidt Telescope
312. [A near-IR study of the host galaxies of 2 Jy radio sources at 0.03 less than or similar to z less than or similar to 0.5 - I. The data](#)
Author(s): Inskip KJ, Tadhunter CN, Morganti R, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 407 Issue: 3 Pages: 1739-1766 Published: SEP 21 2010
◆ ESO (la Silla): NTT/ SOFI
◆ ESO (Paranal): VLT/ ISAAC
◆ Otros: UKIRT; NED database
313. [Near-infrared observations of rotating radio transients](#)
Author(s): Rea N, Lo Curto G, Testa V, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 407 Issue: 3 Pages: 1887-1894 Published: SEP 21 2010
◆ ESO (Paranal): VLT-UT4/ NACO
◆ Otros: 2MASS database
314. [A study of the gas-star formation relation over cosmic time](#)
Author(s): Genzel R, Tacconi LJ, Gracia-Carpio J, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 407 Issue: 4 Pages: 2091-2108 Published: OCT 1 2010
◆ IRAM: PdBI
315. [A search for interstellar anthracene towards the Perseus anomalous microwave emission region](#)
Author(s): Iglesias-Groth S, Manchado A, Rebolo R, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 407 Issue: 4 Pages: 2157-2165 Published: OCT 1 2010
◆ ORM: WHT/ ISIS
◆ Otros: 9.2-m Hobby–Eberly Telescope
316. [Rapid optical and X-ray timing observations of GX 339-4: multicomponent optical variability in the low/hard state](#)
Author(s): Gandhi P, Dhillon VS, Durant M, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 407 Issue: 4 Pages: 2166-2192 Published: OCT 1 2010
◆ ESO (Paranal): VLT/ ULTRACAM
◆ Otros: RXTE

317. [A re-analysis of the iron line in the XMM-Newton data from the low/hard state in GX339-4](#)
 Author(s): Done C, Trigo MD
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 407 Issue: 4 Pages: 2287-2296 Published: OCT 1 2010
 ♦ ESA: XMM-Newton
 ♦ Otros: RXTE
318. [An improved method for statistical studies of the internal kinematics of H ii regions: the case of M83](#)
 Author(s): Blasco-Herrera J, Fathi K, Beckman J, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 407 Issue: 4 Pages: 2519-2529 Published: OCT 1 2010
 ♦ ORM: WHT
 ♦ Otros: Danish 1.54-m telescope (La Silla-no ESO)
319. [A long-lived cyclone in Saturn's atmosphere: Observations and models](#)
 Author(s): del Rio-Gaztelurrutia T, Legarreta J, Hueso R, et al.
 Source: ICARUS Volume: 209 Issue: 2 Pages: 665-681 Published: OCT 2010
 ♦ ESA/NASA: Cassini
320. [THE NATURE OF STARBURSTS. I. THE STAR FORMATION HISTORIES OF EIGHTEEN NEARBY STARBURST DWARF GALAXIES](#)
 Author(s): McQuinn KBW, Skillman ED, Cannon JM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 721 Issue: 1 Pages: 297-317
 Published: SEP 20 2010
 ♦ ESA/NASA: Hubble
 ♦ Otros: NED database
321. [MAGIC CONSTRAINTS ON gamma-RAY EMISSION FROM CYGNUS X-3](#)
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 721 Issue: 1 Pages: 843-855
 Published: SEP 20 2010
 ♦ ORM: MAGIC
 ♦ Otros: RATAN-600 telescope ; Ryle telescope (RT); Arcminute Microkelvin Imager (AMI) telescope; Owens Valley Radio Observatory (OVRO) 40 meter telescope
322. [IRAS 22198+6336: DISCOVERY OF AN INTERMEDIATE-MASS HOT CORE](#)
 Author(s): Sánchez-Monge A, Palau A, Estalella R, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 721 Issue: 2 Pages: L107-L111
 Published: OCT 1 2010
 ♦ IRAM: PdBI
 ♦ Otros: SMA; Spitzer

323. [AN APPARENTLY EXTENDED INFRARED COUNTERPART TO 1E 1740.7-2942](#)
 Author(s): Martí J, Luque-Escamilla PL, Sanchez-Sutil JR, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 721 Issue: 2
 Pages: L126-L128 Published: OCT 1 2010
 ♦ ESO (Paranal): VLT
 ♦ Otros: VLA; Chandra; 2MASS database
324. [FIRST EARTH-BASED DETECTION OF A SUPERBOLIDE ON JUPITER](#)
 Author(s): Hueso R, Wesley A, Go C, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 721 Issue: 2 Pages:
 L129-L133 Published: OCT 1 2010
 ♦ ESO (Paranal): VLT/ VISIR
 ♦ ESA/NASA: Hubble
 ♦ Otros: Gemini Observatory: TRECS; NIRI; Keck Observatory: NIRC2; TEXES
325. [COULD THE PLANETS AROUND HR 8799 BE BROWN DWARFS?](#)
 Author(s): Moro-Martín A, Rieke GH, Su KYL
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 721 Issue: 2 Pages:
 L199-L202 Published: OCT 1 2010
 ♦ ESA/NASA: Hubble
326. [Exoplanet status report: Observation, characterization and evolution of exoplanets and their host stars](#)
 Author(s): Lammer H, Hanslmeier A, Schneider J, et al.
 Source: SOLAR SYSTEM RESEARCH Volume: 44 Issue: 4 Pages: 290-310
 Published: AUG 2010
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 3.6m/ HARPS
 ♦ ESO (Paranal): VLT/ UVES/ FLAMES
 ♦ Otros: Kepler
327. [WASP-24 b: A NEW TRANSITING CLOSE-IN HOT JUPITER ORBITING A LATE F-STAR](#)
 Author(s): Street RA, Simpson E, Barros SCC, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 720 Issue: 1 Pages: 337-343
 ♦ Published: SEP 1 2010
 ♦ ORM: WASP-North; NOT/ FIES; LT
 ♦ Otros: Swiss 1.2 m Leonard Euler Telescope; FTN; FTS; 2MASS
328. [THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE](#)
 Author(s): McClelland CM, Garnavich PM, Galbany L, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 720 Issue: 1 Pages: 704-716
 Published: SEP 1 2010
 ♦ ORM: TNG
 ♦ Otros: Keck-I; Hobby-Eberly Telescope (HET); SDSS

329. [UGC8802: A MASSIVE DISK GALAXY IN FORMATION](#)
 Author(s): Moran SM, Kauffmann G, Heckman TM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 720 Issue: 2 Pages: 1126-1135 Published: SEP 10 2010
 ♦ IRAM: 30m
 ♦ Otros: GALEX; MMT telescope; SDSS
330. [THE ACS LCID PROJECT. III. THE STAR FORMATION HISTORY OF THE CETUS dSph GALAXY: A POST-REIONIZATION FOSSIL](#)
 Author(s): Monelli M, Hidalgo SL, Stetson PB, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 720 Issue: 2 Pages: 1225-1245 Published: SEP 10 2010
 ♦ ESA/NASA: Hubble/ ACS
331. [A GEOMETRICAL HEIGHT SCALE FOR SUNSPOT PENUMBRAE](#)
 Author(s): Puschmann KG, Cobo BR, Pillet VM
 Source: ASTROPHYSICAL JOURNAL Volume: 720 Issue: 2 Pages: 1417-1431 Published: SEP 10 2010
 ♦ ESA: Hinode/ SOT
332. [THE AFTERGLOWS OF SWIFT-ERA GAMMA-RAY BURSTS. I. COMPARING PRE-SWIFT AND SWIFT-ERA LONG/SOFT \(TYPE II\) GRB OPTICAL AFTERGLOWS](#)
 Author(s): Kann DA, Klose S, Zhang B, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 720 Issue: 2 Pages: 1513-1558 Published: SEP 10 2010
 ♦ ESO (Paranal): VLT
 ♦ ORM: TNG; NOT; WHT
 ♦ OT: IAC-80
 ♦ CAHA: 1.23m; 2.2m
 ♦ Otros: SMARTS; RTT150; UKIRT, etc
333. [SEARCHING FOR THE SIGNATURES OF TERRESTRIAL PLANETS IN SOLAR ANALOGS](#)
 Author(s): Hernández JIG, Israelian G, Santos NC, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 720 Issue: 2 Pages: 1592-1602 Published: SEP 10 2010
 ♦ ESO (La Silla): 3,6m/ HARPS
 ♦ ESO (Paranal): VLT/ UVES
 ♦ ORM: WHT/ UES
334. [THE CHEMICAL EVOLUTION OF THE MONOCEROS RING/GALACTIC ANTICENTER STELLAR STRUCTURE](#)
 Author(s): Chou MY, Majewski SR, Cunha K, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 720 Issue: 1 Pages: L5-L10 Published: SEP 1 2010
 ♦ ORM: TNG/ SARG
 ♦ Otros: Kitt Peak National Observatory's Mayall 4 m telescope

335. [THE PECULIAR OPTICAL SPECTRUM OF 4C+22.25: IMPRINT OF A MASSIVE BLACK HOLE BINARY?](#)
Author(s): Decarli R, Dotti M, Montuori C, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 720 Issue: 1
Pages: L93-L96 Published: SEP 1 2010
◆ ORM: NOT/ ALFOSC
336. [OBSERVATIONAL EVIDENCE FOR A CORRELATION BETWEEN MACROTURBULENT BROADENING AND LINE-PROFILE VARIATIONS IN OB SUPERGIANTS](#)
Author(s): Simón-Díaz S, Herrero A, Uytterhoeven K, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 720 Issue: 2 Pages: L174-L178
Published: SEP 10 2010
◆ ORM: NOT
337. [A FIRST GLIMPSE INTO THE FAR-IR PROPERTIES OF HIGH-z UV-SELECTED GALAXIES: HERSCHEL/PACS OBSERVATIONS OF z similar to 3 LBGS](#)
Author(s): Magdis GE, Elbaz D, Hwang HS, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 720 Issue: 2
Pages: L185-L189 Published: SEP 10 2010
◆ ESA: Herschel/ PACS
338. [SUPERDENSE MASSIVE GALAXIES IN THE ESO DISTANT CLUSTER SURVEY \(EDisCS\)](#)
Author(s): Valentinuzzi T, Poggianti BM, Saglia RP, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 721 Issue: 1
Pages: L19-L23 Published: SEP 20 2010
◆ ESO Distant Clusters Survey (base datos)
◆ ESA: Hubble (base datos)
339. [A LIBRARY OF THEORETICAL ULTRAVIOLET SPECTRA OF MASSIVE, HOT STARS FOR EVOLUTIONARY SYNTHESIS](#)
Author(s): Leitherer C, Otalvaro PAO, Bresolin F, et al.
Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 189
Issue: 2 Pages: 309-335 Published: AUG 2010
◆ Teórico
◆ ESA/NASA: Hubble
340. [THE ELECTRICAL CURRENT DENSITY VECTOR IN THE INNER PENUMBRA OF A SUNSPOT](#)
Author(s): Puschmann KG, Cobo BR, Pillet VM
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 721 Issue: 1 Pages: L58-L61
Published: SEP 20 2010
◆ ESA: Hinode

341. [On the Absolute Age of the Globular Cluster M92](#)
 Author(s): Di Cecco A, Becucci R, Bono G, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 895 Pages: 991-999 Published: SEP 2010
 ♦ [ESA/NASA: Hubble/ACS](#)
 ♦ Otros: CFHT
342. [Atmosphere Extinction at the ORM on La Palma: A 20 yr Statistical Database Gathered at the Carlsberg Meridian Telescope](#)
 Author(s): García-Gil A, Muñoz-Tuñón C, Varela AM
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 895 Pages: 1109-1121 Published: SEP 2010
 ♦ [ORM: Carlsberg Meridian Telescope \(CMT\)](#).
343. [Line-profile tomography of exoplanet transits - II. A gas-giant planet transiting a rapidly rotating A5 star star](#)
 Author(s): Cameron AC, Guenther E, Smalley B, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 407 Issue: 1 Pages: 507-514 Published: SEP 1 2010
 ♦ [ORM: NOT/ FIES](#)
 ♦ Otros: Tautenburg Observatory: 2-m Alfred Jensch Telescope; McDonald Observatory: 2.7-m Harlan J. Smith Telescope
344. [VLT and GTC observations of SDSS J0123+00: a type 2 quasar triggered in a galaxy encounter[†]](#)
 Villar-Martín, C. Tadhunter, E. Pérez, A. Humphrey, A. Martínez-Sansigre, R. González Delgado and M. Pérez- Torres
 Monthly Notices of the Royal Astronomical Society: Letters
 Volume 407, Issue 1, September 2010, Pages: L6–L10, M.
 ♦ [ESO \(Paranal\): VLT/ FORS2](#)
 ♦ [GTC/ OSIRIS](#)
345. [A bright off-nuclear X-ray source: a type II_n supernova, a bright ULX or a recoiling supermassive black hole in CXO J122518.6+144545](#)
 Author(s): Jonker PG, Torres MAP, Fabian AC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 407 Issue: 1 Pages: 645-650 Published: SEP 1 2010
 ♦ [ESA/NASA: Hubble](#)
 ♦ Otros: Chandra
346. [CoRoT 102931335: a candidate gamma Dor in an eclipsing binary](#)
 Author(s): Damiani C, Maceroni C, Cardini D, et al.
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 328 Issue: 1-2 Pages: 91-96 Published: JUL 2010
 ♦ [ESA: CoRoT](#)
 ♦ [ORM: INT/ WFC](#)

347. [CoRoT observations of the young open cluster Dolidze 25](#)
 Author(s): Ripepi V, Leccia S, Baglin A, et al.
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 328 Issue: 1-2
 Pages: 119-122 Published: JUL 2010
 ♦ ESA: CoRoT
348. [Sublimation of the Martian CO2 Seasonal South Polar Cap](#)
 Author(s): Schmidt F, Schmitt B, Doute S, et al.
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 10 Pages:
 1129-1138 Published: AUG 2010
 ♦ ESA: Mars Express/ OMEGA
349. [The international outer planets watch atmospheres node database of giant-planet images](#)
 Author(s): Hueso R, Legarreta J, Perez-Hoyos S, et al.
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 10 Pages:
 1152-1159 Published: AUG 2010
 ♦ OT: IAC-80
 ♦ Otros: Pic du Midi Observatory: 1-m telescope
350. [Star formation history of KDG 61 and KDG 64 from spectroscopy and colour-magnitude diagrams](#)
 Author(s): Makarova L, Koleva M, Makarov D, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 406 Issue: 2 Pages: 1152-1165 Published: AUG 1 2010
 ♦ ESA/NASA: Hubble
 ♦ ORM: NOT
 ♦ Otros: 6-m telescope of the Special Astrophysical Observatory of the Russian Academy of Sciences.
351. [The nature of proximate damped Lyman alpha systems star](#)
 Author(s): Ellison SL, Prochaska JX, Hennawi J, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 406 Issue: 3 Pages: 1435-1459 Published: AUG 11 2010
 ♦ ESO (Paranal): VLT/ UVES
 ♦ Otros: Keck/ HIRES
352. [A 33-GHz Very Small Array survey of the Galactic plane from l=27 degrees to 46 degrees](#)
 Author(s): Todorovic M, Davies RD, Dickinson C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 406 Issue: 3 Pages: 1629-1643 Published: AUG 11 2010
 ♦ OT: VSA
 ♦ Otros: Effelsberg 100-m; Green Bank 91-m; Green Bank 13.7-m; Nobeyama 45-m; WMAP; IRAS

353. [Subarcsecond radio continuum mapping in and around the spiral galaxy NGC 3351 using MERLIN](#)
 Author(s): Hägele GF, Ascasibar Y, Richards AMS, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 406 Issue: 3 Pages: 1675-1686 Published: AUG 11 2010
- ◆ [ESA/NASA: Hubble](#)
 - ◆ Otros: Multi-Element Radio Linked Interferometer Network (MERLIN); Cambridge telescope; Palomar 48-inch Schmidt telescope; Chandra; NED database
354. [47 new T dwarfs from the UKIDSS Large Area Survey](#)
 Author(s): Burningham B, Pinfield DJ, Lucas PW, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 406 Issue: 3 Pages: 1885-1906 Published: AUG 11 2010
- ◆ [ORM: WHT/ LIRIS](#)
 - ◆ [ESO \(la Silla\): NTT/ EMI](#)
 - ◆ Otros: Gemini North; UKIRT
355. [Final verdict from XMM-Newton: the X-ray obscured Seyfert galaxy NGC 5506 has a broad Fe K-alpha line](#)
 Author(s): Guainazzi M, Bianchi S, Matt G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 406 Issue: 3 Pages: 2013-2022 Published: AUG 11 2010
- ◆ [ESA: XMM-Newton](#)
356. [FERMI LARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A](#)
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 719 Issue: 2 Pages: 1433-1444 Published: AUG 20 2010
- ◆ [ESA: Suzaku](#)
 - ◆ Otros: Fermi-LAT; Swift/ BAT
357. [THE EINSTEIN CROSS: CONSTRAINT ON DARK MATTER FROM STELLAR DYNAMICS AND GRAVITATIONAL LENSING](#)
 Author(s): van de Ven G, Falcon-Barroso J, McDermid RM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 719 Issue: 2 Pages: 1481-1496 Published: AUG 20 2010
- ◆ [ESA/NASA: Hubble](#)
358. [Astronomical identification of CN-, the smallest observed molecular anion](#)
 Author(s): Agúndez M, Cernicharo J, Guelin M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: L2
 Published: JUL 2010
- ◆ [IRAM: 30m](#)

359. [The NH₂D/NH₃ ratio toward pre-protostellar cores around the UCH II region in IRAS 20293+3952](#)
Author(s): Busquet G, Palau A, Estalella R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: L6
Published: JUL 2010
◆ IRAM: PdBI
360. [Near-infrared spectroscopy in NGC 7538](#)
Author(s): Puga E, Marin-Franch A, Najarro F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A2
Published: JUL 2010
◆ ORM: WHT/ LIRIS
361. [MAGIC observation of the GRB 080430 afterglow](#)
Author(s): Aleksic J, Anderhub H, Antonelli LA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A5
Published: JUL 2010
◆ ORM: MAGIC
362. [A variable jet model for the H alpha emission of HH 444](#)
Author(s): Raga AC, Riera A, Gonzalez-Gomez DI
Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A20
Published: JUL 2010
◆ ESA/NASA: Hubble
363. [Observations, compositional, and physical characterization of near-Earth and Mars-crosser asteroids from a spectroscopic survey](#)
Author(s): de León J, Licandro J, Serra-Ricart M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A23
Published: JUL 2010
◆ ORM: NOT; TNG
364. [A study of the interplay between ionized gas and star clusters in the central region of NGC 5253 with 2D spectroscopy](#)
Author(s): Monreal-Ibero A, Vilchez JM, Walsh JR, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A27
Published: JUL 2010
◆ ESO (Paranal): VLT/ FLAMES
◆ Otros: NED database
365. [VLT-VIMOS integral field spectroscopy of luminous and ultraluminous infrared galaxies II. Evidence for shock ionization caused by tidal forces in the extra-nuclear regions of interacting and merging LIRGs](#)
Author(s): Monreal-Ibero A, Arribas S, Colina L, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A28
Published: JUL 2010
◆ ESO (Paranal): VLT/ VIMOS

366. [Coordinated NIR/mm observations of flare emission from Sagittarius A](#)
 Author(s): Kunneriath D, Witzel G, Eckart A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A46
 Published: JUL 2010
- ◆ IRAM: 30m/MAMBO
 - ◆ ESO (Paranal): VLT-UT4/ NACO
 - ◆ Otros: CARMA; ATCA
367. [Spectroscopic characterization of 78 DENIS ultracool dwarf candidates in the solar neighborhood and the Upper Scorpii OB association](#)
 Author(s): Martin EL, Phan-Bao N, Bessell M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A53
 Published: JUL 2010
- ◆ ORM: NOT/ ALFOSC; WHT/ ISIS
 - ◆ ESO (Paranal): VLT/ FORS2
 - ◆ ESO (La Silla): NTT/ EMMI
 - ◆ Otros: Blanco 4-m telescope CTIO; 2.3m SSO
368. [GRB 021004: Tomography of a gamma-ray burst progenitor and its host galaxy](#)
 Author(s): Castro-Tirado AJ, Moller P, Garcia-Segura G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A61
 Published: JUL 2010
- ◆ ESO (Paranal): VLT/ UVES/ ISAAC
369. [Internal dynamics of Abell 2294: a massive, likely merging cluster](#)
 Author(s): Girardi M, Boschin W, Barrena R
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A65
 Published: JUL 2010
- ◆ ORM: INT; TNG
 - ◆ Otros: NED database
370. [The double-peaked 2008 outburst of the accreting milli-second X-ray pulsar, IGR J00291+5934](#)
 Author(s): Lewis F, Russell DM, Jonker PG, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A72
 Published: JUL 2010
- ◆ ORM: INT/ WFC; WHT/ ISIS
 - ◆ Otros: Swift; Keck I; FNT; PAIRITEL
371. [Massive star formation in Wolf-Rayet galaxies IV. Colours, chemical-composition analysis and metallicity-luminosity relations](#)
 Author(s): López-Sánchez AR, Esteban C
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A85
 Published: JUL 2010
- ◆ ORM: NOT; WHT
 - ◆ CAHA: ¿?

372. [A line confusion limited millimeter survey of Orion KL I. Sulfur carbon chains](#)
 Author(s): Tercero B, Cernicharo J, Pardo JR, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A96
 Published: JUL 2010
 ♦ IRAM: 30m
373. [UPFLOWS IN THE CENTRAL DARK LANE OF SUNSPOT LIGHT BRIDGES](#)
 Author(s): van der Voort LR, Rubio LRB, Ortiz A
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 718 Issue: 2
 Pages: L78-L82 Published: AUG 1 2010
 ♦ ORM: SST
374. [IMAGING OF A TRANSITIONAL DISK GAP IN REFLECTED LIGHT: INDICATIONS OF PLANET FORMATION AROUND THE YOUNG SOLAR ANALOG LkCa 15](#)
 Author(s): Thalmann C, Grady CA, Goto M, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 718 Issue: 2
 Pages: L87-L91 Published: AUG 1 2010
 ♦ ESO (Paranal): VLT/ NACO
 ♦ Otros: Subaru
375. [WATER-ICE-DRIVEN ACTIVITY ON MAIN-BELT COMET P/2010 A2 \(LINEAR\)?](#)
 Author(s): Moreno F, Licandro J, Tozzi GP, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 718 Issue: 2 Pages: L132-L136
 Published: AUG 1 2010
 ♦ ORM: NOT/ ALFOSC; WHT /ACAM;
 ♦ GTC/ OSIRIS
376. [DISCOVERY OF A GeV BLAZAR SHINING THROUGH THE GALACTIC PLANE](#)
 Author(s): Vandenbroucke J, Buehler R, Ajello M, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 718 Issue: 2 Pages: L166-L170
 Published: AUG 1 2010
 ♦ Facilities: Fermi (LAT), CXO (ACIS), Keck: Interferometer (LRIS), Swift (XRT, BAT), Effelsberg, ING:Herschel.
 ♦ ORM: WHT
377. [IDENTIFICATION OF TWO BRIGHT \$z > 3\$ SUBMILLIMETER GALAXY CANDIDATES IN THE COSMOS FIELD](#)
 Author(s): Aravena M, Younger JD, Fazio GG, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 719 Issue: 1
 Pages: L15-L19 Published: AUG 10 2010
 ♦ IRAM: 30m
 ♦ ESA/NASA: Hubble
 ♦ ESO: APEX
 ♦ Otros: SMA; Chandra; KPNO; Subaru; CTIO; CFHT; NOAO; UKIRT

378. [SAOLIM, Prototype of a Low-Cost System for Adaptive Optics with Lucky Imaging. Design and Performance](#)
Author(s): Aceituno J, Sanchez SF, Ortiz JL, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 894 Pages: 924-934 Published: AUG 2010
◆ CAHA: 2.2m
379. [Two-site CCD observations and spectroscopy of HD 207331: A new delta Scuti variable in Cygnus](#)
Author(s): Machado LF, Schuster WJ, Zurita C, et al.
Source: NEW ASTRONOMY Volume: 15 Issue: 8 Pages: 712-716 Published: NOV 2010
◆ OT: IAC-80
◆ Otros: 0.84m at OSPM
380. [The complex structure of HH 110 as revealed from Integral Field Spectroscopy](#)
Author(s): López R, Garcia-Lorenzo B, Sanchez SF, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 406 Issue: 4 Pages: 2193-2205 Published: AUG 21 2010
◆ CAHA: 3.5m
381. [Chemical and radiative transfer modelling of the ISO-LWS Fabry-Perot spectra of Orion-KL water lines](#)
Author(s): Lerate MR, Yates JA, Barlow MJ, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 406 Issue: 4 Pages: 2445-2451 Published: AUG 21 2010
◆ ESA: ISO
382. [Evidence for supernova-synthesized dust from the rising afterglow of GRB 071025 at z similar to 5](#)
Author(s): Perley DA, Bloom JS, Klein CR, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 406 Issue: 4 Pages: 2473-2487 Published: AUG 21 2010
◆ ESO (La Silla): NTT
◆ Otros: RAPTOR; Super-LOTIS; REM; Lick; Magnum; Kuiper; GROND
383. [INTEGRAL deep observations of the Small Magellanic Cloud](#)
Author(s): Coe MJ, Bird AJ, Buckley DAH, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 406 Issue: 4 Pages: 2533-2539 Published: AUG 21 2010
◆ ESA: INTEGRAL/ IBIS
384. [Relativistic disc reflection in the extreme NLS1 IRAS13224-3809](#)
Author(s): Ponti G, Gallo LC, Fabian AC, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 406 Issue: 4 Pages: 2591-2604 Published: AUG 21 2010
◆ ESA: XMM-Newton; Suzaku

385. [M31 PIXEL LENSING EVENT OAB-N2: A STUDY OF THE LENS PROPER MOTION](#)
Author(s): Novati SC, Dall'Ora M, Gould A, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 717 Issue: 2 Pages: 987-994
Published: JUL 10 2010
◆ ESA/NASA: Hubble/ WFPC2
386. [FADING HARD X-RAY EMISSION FROM THE GALACTIC CENTER MOLECULAR CLOUD Sgr B2](#)
Author(s): Terrier R, Ponti G, Belanger G, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 719 Issue: 1 Pages: 143-150
Published: AUG 10 2010
◆ ESA: INTEGRAL/ IBIS; XMM-Newton/ EPIC
387. [DISCOVERY OF ULTRA-FAST OUTFLOWS IN A SAMPLE OF BROAD-LINE RADIO GALAXIES OBSERVED WITH SUZAKU](#)
Author(s): Tombesi F, Sambruna RM, Reeves JN, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 719 Issue: 1 Pages: 700-715
Published: AUG 10 2010
◆ ESA: Suzaku
388. [Two type Ic supernovae in low-metallicity, dwarf galaxies: diversity of explosions](#)
Author(s): Young DR, Smartt SJ, Valenti S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 512 DOI: 10.1051/0004-6361/200913004 Published: MAR-APR 2010
◆ ESO (Paranal): VLT
◆ ORM: LT; INT; TNG; WHT
◆ Otros: Gemini; Faulkes Telescope North (Hawaii); Copernico Telescope (Italy)
389. [A long hard look at the minimum state of PG 2112+059 with XMM-Newton](#)
Author(s): Schartel N, Rodriguez-Pascual PM, Santos-Lleo M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 512 DOI: 10.1051/0004-6361/200912389 Published: MAR-APR 2010
◆ ESA: XMM-Newton
390. [Survival of lichens and bacteria exposed to outer space conditions - Results of the Lithopanspermia experiments](#)
Author(s): de la Torre R, Sancho LG, Horneck G, et al.
Source: ICARUS Volume: 208 Issue: 2 Pages: 735-748 Published: AUG 2010
◆ ESA: Biopan
391. [THE XMM CLUSTER SURVEY: THE BUILD-UP OF STELLAR MASS IN BRIGHTEST CLUSTER GALAXIES AT HIGH REDSHIFT](#)
Author(s): Stott JP, Collins CA, Sahlen M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 718 Issue: 1 Pages: 23-30
Published: JUL 20 2010
◆ ESA: XMM-Newton
◆ Otros: Subaru; 2MASS; UKIRT Infrared Deep Sky Survey.

392. [THE XMM CLUSTER SURVEY: ACTIVE GALACTIC NUCLEI AND STARBURST GALAXIES IN XMMXCS J2215.9-1738 AT \$z=1.46\$](#)
Author(s): Hilton M, Lloyd-Davies E, Stanford SA, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 718 Issue: 1 Pages: 133-147
Published: JUL 20 2010
◆ ESA: XMM-Newton
◆ Otros: Chandra; Spitzer
393. [The Suzaku broadband X-ray spectrum of the dwarf Seyfert galaxy NGC 4395](#)
Author(s): Iwasawa K, Tanaka Y, Gallo LC
Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A58
Published: MAY 2010
◆ ESA: Suzaku
◆ Otros: NASA/IPAC Extragalactic Database (NED)
394. [What ignites on the neutron star of 4U 0614+091?](#)
Author(s): Kuulkers E, Zand JJMI, Atteia JL, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A65
Published: MAY 2010
◆ ESA: INTEGRAL
◆ Otros: EURECA/WATCH; RXTE; Beppo; HETE-2; Swift
395. [INTEGRAL and Swift/XRT observations of the source PKS 0208-512](#)
Author(s): Zhang S, Collmar W, Torres DF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A69
Published: MAY 2010
◆ ESA: INTEGRAL
◆ Otros: Swift
396. [Measurement of the Crab nebula polarization at 90 GHz as a calibrator for CMB experiments](#)
Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A70
Published: MAY 2010
◆ IRAM: 30m
397. [A serendipitous survey for variability amongst the massive stellar population of Westerlund 1](#)
Author(s): Clark JS, Ritchie BW, Negueruela I
Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A87
Published: MAY 2010
◆ ESO (La Silla): NTT/ EMMI/ SOFI
◆ ESO (Paranal): VLT/ FORS/ FLAMES/ ISAAC

398. [A high-resolution spectroscopic survey of late-type stars: chromospheric activity, rotation, kinematics, and age](#)
Author(s): López-Santiago J, Montes D, Galvez-Ortiz MC, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A97
Published: MAY 2010
- ◆ ORM: NOT; INT; TNG
 - ◆ CAHA: 2.2m
 - ◆ Otros: Hobby-Eberly Telescope (HET)
399. [A characterization of the NGC 4051 soft X-ray spectrum as observed by XMM-Newton](#)
Author(s): Nucita AA, Guainazzi M, Longinotti AL, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A47
Published: JUN 2010
- ◆ ESA: XMM-Newton
400. [The low-mass population of the rho Ophiuchi molecular cloud](#)
Author(s): de Oliveira CA, Moraux E, Bouvier J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A75
Published: JUN 2010
- ◆ ESO (La Silla): NTT/ SOFI
 - ◆ ORM: TNG
 - ◆ Otros: CFHT; Subaru; NASA/IPAC Infrared Science Archive; SIMBAD database
401. [Simultaneous multi-frequency observation of the unknown redshift blazar PG 1553+113 in March-April 2008](#)
Author(s): Aleksić J, Anderhub H, Antonelli LA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A76
Published: JUN 2010
- ◆ ORM: MAGIC; KVA
 - ◆ Otros: Abastumani; REM; RXTE/ASM ; AGILE
402. [Seismic and spectroscopic characterization of the solar-like pulsating CoRoT target HD 49385](#)
Author(s): Deheuvels S, Bruntt H, Michel E, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A87
Published: JUN 2010
- ◆ ESA: CoRoT
 - ◆ Otros: Observatoire du Pic du Midi
403. [Spectral energy distribution of hyperluminous infrared galaxies](#)
Author(s): Ruiz A, Miniutti G, Panessa F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A99
Published: JUN 2010
- ◆ ORM: INT
 - ◆ ESA: XMM-Newton; ISO; IUE
 - ◆ Otros: NED; 2MASS; SDSS

404. [X-ray imaging of the ionisation cones in NGC 5252](#)
Author(s): Dadina M, Guainazzi M, Cappi M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A9
Published: JUN-JUL 2010
◆ ESA: XMM-Newton
◆ Otros: Chandra
405. [CO observations of symbiotic stellar systems](#)
Author(s): Bujarrabal V, Mikolajewska J, Alcolea J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A19
Published: JUN-JUL 2010
◆ IRAM: 30m
◆ Otros: SIMBAD database
406. [Acoustic power absorption and enhancement generated by slow and fast MHD waves Evidence of solar cycle velocity/intensity amplitude changes consistent with the mode conversion theory](#)
Author(s): Simoniello R, Finsterle W, Garcia RA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A30
Published: JUN-JUL 2010
◆ ESA: SOHO/ GOLF/ VIRGO
◆ Otros: Ground based network BiSON
407. [2MASS J03105986+1648155 AB - a new binary at the L/T transition](#)
Author(s): Stumpf MB, Brandner W, Bouy H, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A37
Published: JUN-JUL 2010
◆ ESA: Hubble/ NICMOS
◆ ESO (Paranal): VLT/ NACO
◆ Otros: SIMBAD database
408. [Doppler tomography of the black hole binary A0620-00 and the origin of chromospheric emission in quiescent X-ray binaries](#)
Author(s): Hernández JIG, Casares J
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A58
Published: JUN-JUL 2010
◆ ESO (Paranal): VLT/ UVES
409. [The population of OB supergiants in the starburst cluster Westerlund 1](#)
Author(s): Negueruela I, Clark JS, Ritchie BW
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A78
Published: JUN-JUL 2010
◆ ESO (Paranal): VLT/ FORS2

410. [Characterization of horizontal flows around solar pores from high-resolution time series of images](#)
Author(s): Dominguez SV, de Vicente A, Bonet JA, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A91
Published: JUN-JUL 2010
◆ ORM: SST; DOT
◆ OT: VTT; Themis
◆ ESA: Hinode
411. [K-band spectroscopy of IGR J16358-4726 and IGR J16393-4643: two new symbiotic X-ray binaries](#)
Author(s): Nespoli E, Fabregat J, Mennickent RE
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A94
Published: JUN-JUL 2010
◆ ESO (Paranal) VLT (UT1)/ ISAAC
412. [HNCO enhancement by shocks in the L1157 molecular outflow](#)
Author(s): Rodríguez-Fernández NJ, Tafalla M, Gueth F, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A98
Published: JUN-JUL 2010
◆ IRAM: 30m
413. [Physical structure of the envelopes of intermediate-mass protostars](#)
Author(s): Crimier N, Ceccarelli C, Alonso-Albi T, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A102
Published: JUN-JUL 2010
◆ IRAM: 30m
◆ Otros: Spitzer, IRAS, JCMT
414. [Massive star formation in Wolf-Rayet galaxies III. Analysis of the O and WR populations](#)
Author(s): López-Sánchez AR, Esteban C
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A104
Published: JUN-JUL 2010
◆ ORM: NOT; INT; WHT
415. [The puzzling behavior of HNCO isomers in molecular clouds](#)
Author(s): Marcelino N, Bruken S, Cernicharo J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A105
Published: JUN-JUL 2010
◆ IRAM: 30m
416. [Unveiling the nature of IGR J16493-4348 with IR spectroscopy](#)
Author(s): Nespoli E, Fabregat J, Mennickent RE
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A106
Published: JUN-JUL 2010
◆ ESO (Paranal) VLT (UT1)/ ISAAC

417. [The flyby of Rosetta at asteroid Steins - mission and science operations](#)
Author(s): Accomazzo A, Wirth KR, Lodiol S, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 9 Special
Issue: Sp. Iss. SI Pages: 1058-1065 Published: JUL 2010
◆ [ESA: Rosetta](#)
418. [Evidence for surface variegation in Rosetta OSIRIS images of asteroid 2867 Steins](#)
Author(s): Schroder SE, Keller HU, Gutierrez P, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 9 Special
Issue: Sp. Iss. SI Pages: 1107-1115 Published: JUL 2010
◆ [ESA: Rosetta/ OSIRIS](#)
419. [The cratering history of asteroid \(2867\) Steins](#)
Author(s): Marchi S, Barbieri C, Koppers M, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 9 Special
Issue: Sp. Iss. SI Pages: 1116-1123 Published: JUL 2010
◆ [ESA: Rosetta/ OSIRIS](#)
420. [Blasts and shocks in the disc of NGC 4258](#)
Author(s): Jimenez-Vicente J, Mediavilla E, Castillo-Morales A, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 406 Issue: 1 Pages: 181-186 Published: JUL 21 2010
◆ [ESA/NASA: Hubble](#)
◆ [ORM: WHT/ WYFFOS](#)
◆ Otros: NED database
421. [The evolutionary sequence of submillimetre galaxies: from diffuse discs to massive compact ellipticals?](#)
Author(s): Ricciardelli E, Trujillo I, Buitrago F, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 406 Issue: 1 Pages: 230-236 Published: JUL 21 2010
◆ [ESA/NASA: Hubble/ ACS/ NICMOS](#)
422. [The planetary system host HR 8799: on its lambda Bootis nature](#)
Author(s): Moya A, Amado PJ, Barrado D, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 406 Issue: 1 Pages: 566-575 Published: JUL 21 2010
◆ [CAHA: 2,2m/ CAFOS](#)
◆ Otros: Sierra Nevada Observatory (OSN): 1.5-m telescope
423. [THE ACS LCID PROJECT. IV. DETECTION OF THE RED GIANT BRANCH BUMP IN ISOLATED GALAXIES OF THE LOCAL GROUP](#)
Author(s): Monelli M, Cassisi S, Bernard EJ, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 718 Issue: 2 Pages: 707-716
Published: AUG 1 2010
◆ [ESA/NASA: Hubble](#)

424. [A SPITZER c2d LEGACY SURVEY TO IDENTIFY AND CHARACTERIZE DISKS WITH INNER DUST HOLES](#)
Author(s): Merin B, Brown JM, Oliveira I, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 718 Issue: 2 Pages: 1200-1223 Published: AUG 1 2010
- ◆ CAHA: 2.2m/ CAFOS
 - ◆ ORM: WHT/ ISIS/ WYFFOS; INT/ IDS
 - ◆ IRAM:30m/ MAMBO
 - ◆ Otros: *Spitzer* /IRAC/ MIPS/ IRS; 5 m Hale Telescope at Palomar Observatory; 1.5 m CTIO Telescope
425. [THE SLOAN DIGITAL SKY SURVEY QUASAR LENS SEARCH. IV. STATISTICAL LENS SAMPLE FROM THE FIFTH DATA RELEASE](#)
Author(s): Inada N, Oguri M, Shin MS, et al.
Source: ASTRONOMICAL JOURNAL Volume: 140 Issue: 2 Pages: 403-415 Published: AUG 2010
- ◆ ESO (La Silla): 3,6m
 - ◆ ORM: TNG
 - ◆ Otros: 2.4 m Hiltner telescope; UH 2.2 m; UKIRT 3.8 m; Apache Point Observatory 3.5 m; Subaru; Kitt Peak National Observatory; SDSS
426. [Specific star formation and the relation to stellar mass from \$0 < z < 2\$ as seen in the far-infrared at 70 and 160 \$\mu\$ m](#)
Author(s): Oliver S, Frost M, Farrah D, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 405 Issue: 4 Pages: 2279-2294 Published: JUL 11 2010
- ◆ ORM: INT
 - ◆ Otros: Spitzer; Palomar Observatory
427. [Small-spatial-scale variations of nebular properties and the abundance discrepancy in three Galactic H II regions](#)
Author(s): Mesa-Delgado A, Esteban C
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 405 Issue: 4 Pages: 2651-2667 Published: JUL 11 2010
- ◆ ORM: WHT
428. [Multifrequency nature of the 0.75 mHz feature in the X-ray light curves of the nova V4743 Sgr](#)
Author(s): Dobrotka A, Ness JU
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 405 Issue: 4 Pages: 2668-2682 Published: JUL 11 2010
- ◆ ESA: XMM-Newton
 - ◆ Otros: Chandra

429. [A 3.5 mm POLARIMETRIC SURVEY OF RADIO-LOUD ACTIVE GALACTIC NUCLEI](#)
 Author(s): Agudo I, Thum C, Wiesemeyer H, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 189
 Issue: 1 Pages: 1-14 Published: JUL 2010
 ♦ IRAM: 30m
430. [SUPERNOVA 2009kf: AN ULTRAVIOLET BRIGHT TYPE IIP SUPERNOVA DISCOVERED WITH PAN-STARRS 1 AND GALEX](#)
 Author(s): Botticella MT, Trundle C, Pastorello A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 717 Issue: 1 Pages: L52-L56
 Published: JUL 1 2010
 ♦ ORM: LT; WHT; NOT
 ♦ Otros: PS1 Survey; Gemini North
431. [A SEISMIC SIGNATURE OF A SECOND DYNAMO?](#)
 Author(s): Fletcher ST, Broomhall AM, Salabert D, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 718 Issue: 1
 Pages: L19-L22 Published: JUL 20 2010
 ♦ ESA: SOHO/ GOLF
 ♦ Otros: BiSON (Birmingham Solar-Oscillations Network)
432. [Proper Motions of Local Group Dwarf Spheroidal Galaxies I: First Ground-Based Results for Fornax](#)
 Author(s): Mendez RA, Costa E, Pedreros MH, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC
 Volume: 122 Issue: 893 Pages: 853-875 Published: JUL 2010
 ♦ ESO (La Silla): NTT/ SuSI2
433. [Early X-ray and optical observations of the soft gamma-ray repeater SGR 0418+5729](#)
 Author(s): Esposito P, Israel GL, Turolla R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 405 Issue: 3 Pages: 1787-1795 Published: JUL 1 2010
 ♦ GTC
 ♦ Otros: Swift; RXTE
434. [Three years of Ulysses dust data: 2005 to 2007](#)
 Author(s): Kruger H, Dikarev V, Anweiler B, et al.
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 7-8 Pages: 951-964
 Published: JUN 2010
 ♦ ESA: Ulysses
435. [Lightcurves of 6 Jupiter Trojan asteroids](#)
 Author(s): Melita MD, Duffard R, Williams IP, et al.
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 7-8 Pages: 1035-1039
 Published: JUN 2010
 ♦ CAHA: 2,2m
 ♦ ORM: INT

- ◆ Otros: OSN: 1,5m; CASLEO: 2,5m
436. [NON-LOCAL THERMAL EQUILIBRIUM MODEL ATMOSPHERES FOR THE HOTTEST WHITE DWARFS: SPECTRAL ANALYSIS OF THE COMPACT COMPONENT IN NOVA V4743 Sgr](#)
 Author(s): Rauch T, Orio M, Gonzales-Riestra R, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 717 Issue: 1 Pages: 363-371
 Published: JUL 1 2010
- ◆ ESA: XMM-Newton
 - ◆ Otros: SIMBAD database
437. [A Peculiar Velocity Pattern in and near the Leading Sunspot of NOAA 10781: Wave Refraction by Large-Scale Magnetic Fields?](#)
 Author(s): Beck C
 Source: SOLAR PHYSICS Volume: 264 Issue: 1 Pages: 57-70 Published: JUN 2010
- ◆ OT: VTT
438. [PINGS: the PPAK IFS Nearby Galaxies Survey star](#)
 Author(s): Rosales-Ortega FF, Kennicutt RC, Sanchez SF, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 405 Issue: 2 Pages: 735-758 Published: JUN 21 2010
- ◆ CAHA: 3.5m/ PMAS
439. [Photometric scaling relations of lenticular and spiral galaxies](#)
 Author(s): Laurikainen E, Salo H, Buta R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 405 Issue: 2 Pages: 1089-1118 Published: JUN 21 2010
- ◆ ESO (La Silla): NTT
 - ◆ ORM: WHT; TNG; LT
 - ◆ 2MASS
 - ◆ NASA/IPAC Extragalactic Data base (NED)
440. [THE BURIED STARBURST IN THE INTERACTING GALAXY II Zw 096 AS REVEALED BY THE SPITZER SPACE TELESCOPE](#)
 Author(s): Inami H, Armus L, Surace JA, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 140 Issue: 1 Pages: 63-74
 Published: JUL 2010
- ◆ ESA: AKARI; Hubble
 - ◆ Otros: Spitzer; Chandra
441. [THE ANTENNAE GALAXIES \(NGC 4038/4039\) REVISITED: ADVANCED CAMERA FOR SURVEYS AND NICMOS OBSERVATIONS OF A PROTOTYPICAL MERGER](#)
 Author(s): Whitmore BC, Chandar R, Schweizer F, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 140 Issue: 1 Pages: 75-109
 Published: JUL 2010
- ◆ ESA/NASA: Hubble

442. [UNVEILING THE ORIGIN OF GRB 090709A: LACK OF PERIODICITY IN A REDDENED COSMOLOGICAL LONG-DURATION GAMMA-RAY BURST](#)
Author(s): Cenko SB, Butler NR, Ofek EO, et al.
Source: ASTRONOMICAL JOURNAL Volume: 140 Issue: 1 Pages: 224-234
Published: JUL 2010
- ◆ CAHA:3.5m/ OMEGA2000
 - ◆ ORM:
 - ◆ GTC/ OSIRIS
 - ◆ Otros: Keck:II/NIRC2/LGS; Swift /BAT/ XRT; FLWO:1.2m/ PAIRITEL; PO:1.2m/QUEST ; 1.5m; VLA
443. [FLUORINE ABUNDANCES IN GALACTIC ASYMPTOTIC GIANT BRANCH STARS](#)
Author(s): Abia C, Cunha K, Cristallo S, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 715 Issue: 2 Pages: L94-L98
Published: JUN 1 2010
- ◆ ORM: TNG/ SARG
 - ◆ Otros: KPNO, 2.1m
444. [ON THE OXYGEN AND NITROGEN CHEMICAL ABUNDANCES AND THE EVOLUTION OF THE "GREEN PEA" GALAXIES](#)
Author(s): Amorin RO, Perez-Montero E, Vilchez JM
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 715 Issue: 2 Pages: L128-L132
Published: JUN 1 2010
- ◆ ESA/NASA: Hubble
 - ◆ Otros: Galex; SDSS
445. [JUPITER AFTER THE 2009 IMPACT: HUBBLE SPACE TELESCOPE IMAGING OF THE IMPACT-GENERATED DEBRIS AND ITS TEMPORAL EVOLUTION](#)
Author(s): Hammel HB, Wong MH, Clarke JT, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 715 Issue: 2
Pages: L150-L154
Published: JUN 1 2010
- ◆ ESA/NASA: Hubble
446. [EVOLUTION OF THE RADIO-X-RAY COUPLING THROUGHOUT AN ENTIRE OUTBURST OF AQUILA X-1](#)
Author(s): Miller-Jones JCA, Sivakoff GR, Altamirano D, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 716 Issue: 2
Pages: L109-L114
Published: JUN 20 2010
- ◆ EVN (YebeS)
 - ◆ Otros: Swift; RXTE; VLA; VLBA
447. [EXPLANATION OF THE SEA-SERPENT MAGNETIC STRUCTURE OF SUNSPOT PENUMBRAE](#)
Author(s): Kitiashvili IN, Rubio LRB, Kosovichev AG, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 716 Issue: 2
Pages: L181-L184
Published: JUN 20 2010
- ◆ ESA: SOHO; Hinode (indirecto)

- ◆ MHD numerical model
448. [SDSS J150634.27+013331.6: the second compact elliptical galaxy in the NGC 5846 group star](#)
 Author(s): Chilingarian IV, Bergond G
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 405 Issue: 1 Pages: L11-L15 Published: JUN 11 2010
- ◆ CAHA: 3.5m
 - ◆ ESA/NASA: Hubble (archive)
 - ◆ Otros: GALEX; Spitzer (archive); SDSS
449. [VLT-MAD observations of the core of 30 Doradus](#)
 Author(s): Campbell MA, Evans CJ, Mackey AD, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 405 Issue: 1 Pages: 421-435 Published: JUN 11 2010
- ◆ ESO (Paranal): VLT/ MAD
 - ◆ Otros: Spitzer; 2MASS
450. [High-resolution X-ray spectroscopy and imaging of Mrk 573](#)
 Author(s): Bianchi S, Chiaberge M, Evans DA, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 405 Issue: 1 Pages: 553-563 Published: JUN 11 2010
- ◆ ESA: XMM-Newton; Hubble
 - ◆ Otros: Chandra; VLA
451. [THE STELLAR KINEMATIC CENTER AND THE TRUE GALACTIC NUCLEUS OF NGC 253](#)
 Author(s): Müller-Sánchez F, Gonzalez-Martin O, Fernandez-Ontiveros JA, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 716 Issue: 2 Pages: 1166-1177 Published: JUN 20 2010
- ◆ ESO (Paranal): VLT:Yepun/ SINFONI
 - ◆ Otros: Chandra/ ACIS
452. [A LARGE STELLAR EVOLUTION DATABASE FOR POPULATION SYNTHESIS STUDIES. VI. WHITE DWARF COOLING SEQUENCES](#)
 Author(s): Salaris M, Cassisi S, Pietrinferni A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 716 Issue: 2 Pages: 1241-1251 Published: JUN 20 2010
- ◆ ESA/NASA: Hubble/ ACS
 - ◆ Otros: SIMBAD database
453. [A revision of the X-ray absorption nature of BALQSOs](#)
 Author(s): Streblyanska A, Barcons X, Carrera FJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A2
 Published: JUN 2010
- ◆ ESA: XMM-Newton
 - ◆ Otros: SDSS

454. [Evolution of blue E/S0 galaxies from z similar to 1: merger remnants or disk-rebuilding galaxies?](#)
 Author(s): Huertas-Company M, Aguerri JAL, Tresse L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A3
 Published: JUN 2010
 ♦ ESO (Paranal): VLT
455. [The low-mass diskless population of Corona Australis](#)
 Author(s): Martí BL, Spezzi L, Merin B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 515 Article Number: A31
 Published: JUN 2010
 ♦ ESO (La Silla): MPG/ESO 2.2 m
 ♦ Otros: Spitzer; 2MASS; SIMBAD database
456. [On the Stellar Content of the Carina Dwarf Spheroidal Galaxy](#)
 Author(s): Bono G, Stetson PB, Walker AR, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 892 Pages: 651-661 Published: JUN 2010
 ♦ ESO (La Silla): MPG/ESO 2.2 m
 ♦ Otros: CTIO, 1.5 m telescope; 4 m Blanco telescope
457. [Evolutionary stellar population synthesis with MILES - I. The base models and a new line index system](#)
 Author(s): Vazdekis A, Sanchez-Blazquez P, Falcon-Barroso J, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 404 Issue: 4 Pages: 1639-1671 Published: JUN 1 2010
 ♦ ORM: INT; WHT (indirecto)
 ♦ ESA: Hipparcos catalogue
 ♦ Otros (indirecto): 4 m CTIO; 3m Shane Telescope of Lick Observatory; Subaru; SIMBAD database
458. [Disentangling the metallicity and star formation history of H ii galaxies through tailor-made models](#)
 Author(s): Pérez-Montero E, Garcia-Benito R, Hagele GF, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 404 Issue: 4 Pages: 2037-2055 Published: JUN 1 2010
 ♦ ORM: WHT/ ISIS
 ♦ CAHA: 3.5m/ TWING
 ♦ Otros: SDSS
459. [SPECTRA AND HUBBLE SPACE TELESCOPE LIGHT CURVES OF SIX TYPE Ia SUPERNOVAE AT \$0.511 < z < 1.12\$ AND THE UNION2 COMPILATION](#)
 Author(s): Amanullah R, Lidman C, Rubin D, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 716 Issue: 1 Pages: 712-738
 Published: JUN 10 2010
 ♦ ESA/NASA: Hubble
 ♦ ESO (Paranal): VLT/ ISAAC
 ♦ Otros: CTIO; NOAO; CFHT; Subaru; Gemini

460. [DEEP K-s-NEAR-INFRARED SURFACE PHOTOMETRY OF 80 DWARF IRREGULAR GALAXIES IN THE LOCAL VOLUME](#)
Author(s): Fingerhut RL, McCall ML, Argote M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 716 Issue: 1 Pages: 792-809
Published: JUN 10 2010
◆ ESA (La Silla): NTT
◆ Otros: CFHT; OAN-SMP; CTIO; IRSF-SAAO
461. [SUZAKU OBSERVATIONS OF LUMINOUS QUASARS: REVEALING THE NATURE OF HIGH-ENERGY BLAZAR EMISSION IN LOW-LEVEL ACTIVITY STATES](#)
Author(s): Abdo AA, Ackermann M, Ajello M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 716 Issue: 1 Pages: 835-849
Published: JUN 10 2010
◆ ESA: Suzaku
◆ Otros: Fermi-LAT; Swift
462. [Abundance analysis of a sample of evolved stars in the outskirts of omega Centauri](#)
Author(s): Villanova S, Carraro G, Scarpa R, et al.
Source: NEW ASTRONOMY Volume: 15 Issue: 6 Pages: 520-529 Published: AUG 2010
◆ ESO (Paranal): VLT (UT2)/ UVES
463. [A MEASUREMENT OF THE RATE OF TYPE Ia SUPERNOVAE IN GALAXY CLUSTERS FROM THE SDSS-II SUPERNOVA SURVEY](#)
Author(s): Dilday B, Bassett B, Becker A, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 715 Issue: 2 Pages: 1021-1035 Published: JUN 1 2010
◆ ORM: WHT; NOT; TNG
◆ ESO (La Silla): NTT
◆ Otros: Subaru; HET; APO-3.5m; KPNO-4m; SDSS
464. [INFRARED AND KINEMATIC PROPERTIES OF THE SUBSTELLAR OBJECT G 196-3 B](#)
Author(s): Osorio MRZ, Rebolo R, Bihain G, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 715 Issue: 2 Pages: 1408-1418 Published: JUN 1 2010
◆ ORM: TNG; INT;
◆ GTC
◆ CAHA: 3.5m
◆ Otros: Spitzer

465. [SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1](#)
 Author(s): Abbott BP, Abbott R, Acernese F, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 715 Issue: 2 Pages: 1438-1452 Published: JUN 1 2010
 ♦ **ESA: INTEGRAL**
 ♦ Otros: LIGO Laboratory; HETE2; Swift
466. [Disentangling jet and disc emission from the 2005 outburst of XTE J1118+480](#)
 Author(s): Brocksopp C, Jonker PG, Maitra D, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 404 Issue: 2 Pages: 908-916 Published: MAY 11 2010
 ♦ **ORM: LT**
 ♦ Otros: UKIRT; Swift; VLA
467. [Optical and near-infrared coverage of SN 2004et: physical parameters and comparison with other Type IIP supernovae](#)
 Author(s): Maguire K, Di Carlo E, Smartt SJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 404 Issue: 2 Pages: 981-1004 Published: MAY 11 2010
 ♦ **ORM: TNG; NOT; WHT**
 ♦ **ESA/NASA: Hubble**
 ♦ Otros: Copernico Telescope; TNT; 0.7m AZT2 Telescope; etc
468. [Multiwavelength observations of 1RXH J173523.7-354013: revealing an unusual bursting neutron star](#)
 Author(s): Degenaar N, Jonker PG, Torres MAP, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 404 Issue: 3 Pages: 1591-1602 Published: MAY 21 2010
 ♦ **ESA: INTEGRAL; XMM-Newton**
 ♦ **ESO (La Silla): NTT/ EFOSC2**
 ♦ **ESO (Paranal): VLT/ FORS2**
469. [COSMIC CHRONOMETERS: CONSTRAINING THE EQUATION OF STATE OF DARK ENERGY. II. A SPECTROSCOPIC CATALOG OF RED GALAXIES IN GALAXY CLUSTERS](#)
 Author(s): Stern D, Jimenez R, Verde L, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 188 Issue: 1 Pages: 280-289 Published: MAY 2010
 ♦ **ESA/NASA: Hubble**
 ♦ Otros: Keck I; NED database
470. [The AKARI/IRC mid-infrared all-sky survey](#)
 Author(s): Ishihara D, Onaka T, Kataza H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A1 Published: MAY 2010
 ♦ **ESA: AKARI**
 ♦ Otros: SIMBAD database

471. [Star formation and dust extinction properties of local galaxies from the AKARI-GALEX all-sky surveys First results from the most secure multiband sample from the far-ultraviolet to the far-infrared](#)
 Author(s): Takeuchi TT, Buat V, Heinis S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A4
 Published: MAY 2010
 ♦ ESA: AKARI
 ♦ Otros: GALEX; SDSS; 2MASS
472. [tau Bootis b: Hunting for reflected starlight](#)
 Author(s): Rodler F, Kuerster M, Henning T
 Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A23
 Published: MAY 2010
 ♦ ESO (Paranal): VLT (UT2)/ UVES
473. [TYC 2675-663-1: a newly discovered W UMa system in an active state](#)
 Author(s): Caballero-García MD, Torres G, Ribas I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A36
 Published: MAY 2010
 ♦ ESA: INTEGRAL
 ♦ CAHA: 0.5 m Giordano Bruno robotic telescope (CAB); 1.52m (OAN)
474. [The Herschel ATLAS](#)
 Author(s): Eales S, Dunne L, Clements D, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 891 Pages: 499-515 Published: MAY 2010
 ♦ ESA: Herschel Space Observatory
475. [FAST, GUSTY WINDS BLOWING FROM THE CORE OF THE PRE-PLANETARY NEBULA M 2-56](#)
 Author(s): Contreras CS, Cortijo-Ferrero C, Miranda LF, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 715 Issue: 1 Pages: 143-161
 Published: MAY 20 2010
 ♦ ORM: INT/ WFC; NOT/ ALFOSC
 ♦ ESA/NASA: Hubble
 ♦ Otros: SIMBAD database
476. [FLARING BEHAVIOR OF THE QUASAR 3C 454.3 ACROSS THE ELECTROMAGNETIC SPECTRUM](#)
 Author(s): Jorstad SG, Marscher AP, Larionov VM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 715 Issue: 1 Pages: 362-384
 Published: MAY 20 2010
 ♦ IRAM: 30m
 ♦ ORM: LT
 ♦ CAHA: 2.2m
 ♦ Otros: VLBA; Fermi-LAT; Swift archive, etc

477. [THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE](#)
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 715 Issue: 1 Pages: 429-457
 Published: MAY 20 2010
- ◆ ORM: TNG
 - ◆ ESO (la Silla): NTT
 - ◆ Otros: Fermi-LAT; Hobby–Eberly Telescope (HET); Hale Telescope, Palomar Observatory; Keck; NED database; SDSS
478. [WIDE-BAND SUZAKU ANALYSIS OF THE PERSISTENT EMISSION FROM SGR 0501+4516 DURING THE 2008 OUTBURST](#)
 Author(s): Enoto T, Rea N, Nakagawa YE, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 715 Issue: 1 Pages: 665-670
 Published: MAY 20 2010
- ◆ ESA: INTEGRAL; Suzaku
479. [METALS IN THE EXOSPHERE OF THE HIGHLY IRRADIATED PLANET WASP-12b](#)
 Author(s): Fossati L, Haswell CA, Froning CS, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 714 Issue: 2
 Pages: L222-L227 Published: MAY 10 2010
- ◆ ESA/NASA: Hubble
480. [VLBI DETECTION OF AN ACTIVE GALACTIC NUCLEUS PAIR IN THE BINARY BLACK HOLE CANDIDATE SDSS J1536+0441](#)
 Author(s): Bondi M, Perez-Torres MA
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 714 Issue: 2
 Pages: L271-L274 Published: MAY 10 2010
- ◆ EVN: Yebes
481. [MAGNETIC BRIGHT POINTS IN THE QUIET SUN](#)
 Author(s): Almeida JS, Bonet JA, Viticchie B, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 715 Issue: 1 Pages: L26-L29
 Published: MAY 20 2010
- ◆ ORM: SST
 - ◆ ESA: Hinode/ SOT
482. [ROTATIONAL SPECTRUM AND TENTATIVE DETECTION OF DCOOCH3-METHYL FORMATE IN ORION](#)
 Author(s): Margules L, Huet TR, Demaison J, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 714 Issue: 2 Pages: 1120-1132
 Published: MAY 10 2010
- ◆ Teoría/ experimentos/ observaciones
 - ◆ IRAM: 30m

483. [THE ASTEROSEISMIC POTENTIAL OF KEPLER: FIRST RESULTS FOR SOLAR-TYPE STARS](#)
 Author(s): Chaplin WJ, Appourchaux T, Elsworth Y, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 713 Issue: 2
 Pages: L169-L175 Published: APR 20 2010
 ♦ ORM: NOT/ FIES
 ♦ Otros: Kepler; Observatoire de Haute-Provence/ SOPHIE
484. [SMALL MAGNETIC LOOPS CONNECTING THE QUIET SURFACE AND THE HOT OUTER ATMOSPHERE OF THE SUN](#)
 Author(s): González M JM, Sainz RM, Ramos AA, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 714 Issue: 1 Pages: L94-L97
 Published: MAY 1 2010
 ♦ ESA/NASA/JAXA: Hinode
485. [NGC 404: A REJUVENATED LENTICULAR GALAXY ON A MERGER-INDUCED, BLUEWARD EXCURSION INTO THE GREEN VALLEY](#)
 Author(s): Thilker DA, Bianchi L, Schiminovich D, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 714 Issue: 1
 Pages: L171-L175 Published: MAY 1 2010
 ♦ ESA/ NASA: Hubble/ WFPC2
 ♦ Otros: GALEX; VLA; WSRT
486. [Winds, turbulence and waves in the clouds of Venus](#)
 Author(s): Peralta J
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 5 Pages: 882-883
 Published: APR 2010
 ♦ ESA: Venus Express/ VIRTIS-M
487. [The SARS algorithm: detrending CoRoT light curves with Sysrem using simultaneous external parameters](#)
 Author(s): Ofir A, Alonso R, Bonomo AS, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 404 Issue: 1 Pages: L99-L103 Published: MAY 1 2010
 ♦ Teórico
 ♦ ESA: CoRoT
488. [Ground-based detection of thermal emission from the exoplanet WASP-19b](#)
 Author(s): Gibson NP, Aigrain S, Pollacco DL, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 404 Issue: 1 Pages: L114-L118 Published: MAY 1 2010
 ♦ ESO (Paranal): VLT-UT4/ HAWK-I

489. [EVOLUTION OF THE SOLAR ACTIVITY OVER TIME AND EFFECTS ON PLANETARY ATMOSPHERES. II. \$\kappa\(1\)\$ Ceti, AN ANALOG OF THE SUN WHEN LIFE AROSE ON EARTH](#)
Author(s): Ribas I, de Mello GFP, Ferreira LD, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 714 Issue: 1 Pages: 384-395
Published: MAY 1 2010
- ◆ ESA: Hubble/ STIS
 - ◆ ESO (La Silla): 2.2m MPG/ FEROS
 - ◆ Otros: Observatorio do Pico dos Dias (OPD); 2MASS
490. [DISCOVERY OF A SUPERLUMINAL Fe K ECHO AT THE GALACTIC CENTER: THE GLORIOUS PAST OF Sgr A* PRESERVED BY MOLECULAR CLOUDS](#)
Author(s): Ponti G, Terrier R, Goldwurm A, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 714 Issue: 1 Pages: 732-747
Published: MAY 1 2010
- ◆ ESA: XMM-Newton
491. [A survey for pulsating subdwarf B stars with the Nordic Optical Telescope](#)
Author(s): Ostensen RH, Oreiro R, Solheim JE, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A6
Published: APR 2010
- ◆ ORM: NOT/ ALFOSC
492. [A millimeter survey of ultra-compact HII-regions and associated molecular clouds](#)
Author(s): Churchwell E, Sievers A, Thum C
Source: ASTRONOMY & ASTROPHYSICS Volume: 513 Article Number: A9
Published: APR 2010
- ◆ IRAM: 30m
493. [Physics of Solar Prominences: II-Magnetic Structure and Dynamics](#)
Author(s): Mackay DH, Karpen JT, Ballester JL, et al.
Source: SPACE SCIENCE REVIEWS Volume: 151 Issue: 4 Pages: 333-399
Published: APR 2010
- ◆ ESA: SoHO/ SUMER; Hinode/ SOT
 - ◆ OT: Themis
 - ◆ ORM: SST
 - ◆ Otros: SVST
494. [NGC 300 X-1 is a Wolf-Rayet/black hole binary](#)
Author(s): Crowther PA, Barnard R, Carpano S, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 403 Issue: 1 Pages: L41-L45 Published: MAR 21 2010
- ◆ ESO (Paranal): VLT/ FORS2

495. [Tight constraints on the existence of additional planets around HD 189733](#)
 Author(s): Hrudkova M, Skillen I, Benn CR, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 403 Issue: 4 Pages: 2111-2119 Published: APR 21 2010
 ♦ ORM: NOT; WHT
496. [Observations of the quiescent X-ray transients GRS 1124-684 \(=GU Mus\) and Cen X-4 \(=V822 Cen\) taken with ULTRACAM on the VLT](#)
 Author(s): Shahbaz T, Dhillon VS, Marsh TR, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 403 Issue: 4 Pages: 2167-2175 Published: APR 21 2010
 ♦ ESO (Paranal): VLT-MELIPAL/ ULTRACAM
497. [The properties of the stellar populations in ULIRGs - II. Star formation histories and evolution](#)
 Author(s): Zaurin JR, Tadhunter CN, Delgado RMG
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 403 Issue: 3 Pages: 1317-1330 Published: APR 11 2010
 ♦ ORM: WHT
498. [SEQUENTIAL STAR FORMATION IN RCW 34: A SPECTROSCOPIC CENSUS OF THE STELLAR CONTENT OF HIGH-MASS STAR-FORMING REGIONS](#)
 Author(s): Bik A, Puga E, Waters LBFM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 713 Issue: 2 Pages: 883-899
 Published: APR 20 2010
 ♦ ESO (Paranal): VLT-UT4/ SINFONI
 ♦ Otros: Spitzer/ IRAC
499. [ON CALIBRATIONS USING THE CRAB NEBULA AND MODELS OF THE NEBULAR X-RAY EMISSION](#)
 Author(s): Weisskopf MC, Guainazzi M, Jahoda K, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 713 Issue: 2 Pages: 912-919
 Published: APR 20 2010
 ♦ ESA: XMM-Newton/ EPIC
 ♦ Otros: ROSAT/ PSPC; RXTE/PCU2
500. [MEASUREMENTS OF THE RATE OF TYPE Ia SUPERNOVAE AT REDSHIFT less than or similar to 0.3 FROM THE SLOAN DIGITAL SKY SURVEY II SUPERNOVA SURVEY](#)
 Author(s): Dilday B, Smith M, Bassett B, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 713 Issue: 2 Pages: 1026-1036
 Published: APR 20 2010
 ♦ ORM: NOT; WHT; TNG
 ♦ Otros: Hobby-Eberly Telescope (HET); Apache Point Observatory 3.5 m telescope; Subaru

501. [DOWNFLOWS IN SUNSPOT UMBRAL DOTS](#)
 Author(s): Ortiz A, Rubio LRB, van der Voort LR
 Source: ASTROPHYSICAL JOURNAL Volume: 713 Issue: 2 Pages: 1282-1291 Published: APR 20 2010
 ♦ ORM: SST
502. [Higher depletion of lithium in planet host stars: no age and mass effect](#)
 Author(s): Sousa SG, Fernandes J, Israelian G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: L5
 Published: MAR-APR 2010
 ♦ ESO (La Silla): 3,6m/ HARPS
503. [The extreme luminosity states of Sagittarius A](#)
 Author(s): Sabha N, Witzel G, Eckart A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: A2
 Published: MAR-APR 2010
 ♦ ESO (Paranal): VLT-YEPUN/ NACO
504. [Spectral evolution of bright NS LMXBs with INTEGRAL: an application of the thermal plus bulk Comptonization model](#)
 Author(s): Mainardi LI, Paizis A, Farinelli R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: A57
 Published: MAR-APR 2010
 ♦ ESA: INTEGRAL
505. [Warm absorber and truncated accretion disc in IRAS 05078+1626](#)
 Author(s): Svoboda J, Guainazzi M, Karas V
 Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: A62
 Published: MAR-APR 2010
 ♦ ESA: XMM-Newton/ EPIC and RGS
506. [Optical/infrared observations of the X-ray burster KS1731-260 in quiescence](#)
 Author(s): Zurita C, Kuulkers E, Bandyopadhyay RM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: A26
 Published: MAR-APR 2010
 ♦ ESO: UKIRT
 ♦ Otros: 1.5m telescope at San Pedro Mártir Observatory
507. [An effective temperature calibration for solar type stars using equivalent width ratios A fast and easy spectroscopic temperature estimation](#)
 Author(s): Sousa SG, Alapini A, Israelian G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: A13
 Published: MAR-APR 2010
 ♦ ESO (La Silla): 3,6m/ HARPS; 2.2m MPG/ FEROS
 ♦ ESO (Paranal): VLT (UT2)/ UVES

508. [Evidence of a massive planet candidate orbiting the young active K5V star BD+20 1790](#)
Author(s): Hernán-Obispo M, Galvez-Ortiz MC, Anglada-Escude G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: A45
Published: MAR-APR 2010
◆ CAHA: 2.2m/ FOCES
◆ ORM: TNG/ SARG; LT
◆ Otros: SIMBAD database
509. [A numerical model of cometary dust coma structures Application to comet 9P/Tempel 1](#)
Author(s): Vincent JB, Bohnhardt H, Lara LM
Source: ASTRONOMY & ASTROPHYSICS Volume: 512 Article Number: A60
Published: MAR-APR 2010
◆ ESO (La Silla): 2.2m MPG/ WFI
◆ CAHA: 2.2m/ CAFOS
510. [MULTIPLE SHELLS AROUND G79.29+0.46 REVEALED FROM NEAR-IR TO MILLIMETER DATA](#)
Author(s): Jiménez-Esteban FM, Rizzo JR, Palau A
Source: ASTROPHYSICAL JOURNAL Volume: 713 Issue: 1 Pages: 429-439
Published: APR 10 2010
◆ IRAM: 30m
◆ Otros: Spitzer; SMT
511. [SCATTERING POLARIZATION IN THE Fe I 630 nm EMISSION LINES AT THE EXTREME LIMB OF THE SUN](#)
Author(s): Lites BW, Casini R, Sainz RM, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 713 Issue: 1 Pages: 450-457
Published: APR 10 2010
◆ ESA/NASA/JAXA: Hinode
512. [The \[O III\] emission line luminosity function of optically selected type-2 AGN from zCOSMOS](#)
Author(s): Bongiorno A, Mignoli M, Zamorani G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A56
Published: FEB 2010
◆ ESO (Paranal): VLT/ VIMOS
513. [High-resolution X-ray spectroscopy of the Seyfert 1 Mrk 841: insights into the warm absorber and warm emitter](#)
Author(s): Longinotti AL, Costantini E, Petrucci PO, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A92
Published: FEB 2010
◆ ESA: XMM-Newton

514. [Detection of the high z GRB 080913 and its implications on progenitors and energy extraction mechanisms](#)
 Author(s): Pérez-Ramírez D, Postigo AD, Gorosabel J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A105
 Published: FEB 2010
- ◆ ESA: XMM-Newton
 - ◆ CAHA: 3,5m
 - ◆ IRAM: PdBI
 - ◆ Otros: 2MASS
515. [VLT spectropolarimetry of the optical transient in NGC 300 Evidence of asymmetry in the circumstellar dust](#)
 Author(s): Patat F, Maund JR, Benetti S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A108
 Published: FEB 2010
- ◆ ESO (Paranal): VLT/ FORS1
516. [Disc and halo kinematic populations from HIPPARCOS and Geneva-Copenhagen surveys of the solar neighbourhood](#)
 Author(s): Cubarsi R, Alcobé S, Vidojevic S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A102
 Published: FEB 2010
- ◆ Teórico
 - ◆ ESA: Hipparcos catalogue
517. [Large and small-scale structures of the local Galactic disc A maximum entropy approach to the stellar velocity distribution](#)
 Author(s): Cubarsi R
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A103
 Published: FEB 2010
- ◆ Teórico
 - ◆ ESA: Hipparcos catalogue
518. [Timescale of mass accretion in pre-main-sequence stars](#)
 Author(s): Fedele D, van den Ancker ME, Henning T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A72
 Published: FEB 2010
- ◆ ESO (Paranal): VLT/ VIMOS
 - ◆ Otros: SIMBAD database
519. [Near-infrared survey of high mass X-ray binary candidates](#)
 Author(s): Torrejón JM, Negueruela I, Smith DM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A61
 Published: FEB 2010
- ◆ ORM: NOT; WHT; TNG
 - ◆ Otros: SIMBAD database

520. [epsilon Indi Ba, Bb: a detailed study of the nearest known brown dwarfs](#)
Author(s): King RR, McCaughrean MJ, Homeier D, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A99
Published: FEB 2010
◆ ESO (Paranal): VLT-UT1/ FORS2
521. [Linear wavelength correlation matrices of photospheric and chromospheric spectral lines I. Observations vs. modeling](#)
Author(s): Beck CAR, Rammacher W
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A66
Published: FEB 2010
◆ OT: VTT
◆ Otros: Dunn Solar Telescope
522. [X-rays from Saturn: a study with XMM-Newton and Chandra over the years 2002-05](#)
Author(s): Branduardi-Raymont G, Bhardwaj A, Elsner RF, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A73
Published: FEB 2010
◆ ESA: XMM-Newton
523. [Transit timing analysis of CoRoT-1b \(Research Note\)](#)
Author(s): Csizmadia S, Renner S, Barge P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A94
Published: FEB 2010
◆ ESA: CoRoT
524. [Properties and environment of radio-emitting galaxies in the VLA-zCOSMOS survey](#)
Author(s): Bardelli S, Schinnerer E, Smolcic V, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A1
Published: FEB-MAR 2010
◆ ESO (Paranal): VLT
◆ Otros: VLA
525. [Peering through the veil: near-infrared photometry and extinction for the Galactic nuclear star cluster Accurate near infrared H, Ks, and L ' photometry and the near-infrared extinction-law toward the central parsec of the Galaxy](#)
Author(s): Schödel R, Najarro F, Muzic K, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A18
Published: FEB-MAR 2010
◆ ESO (Paranal): VLT/ NACO
526. [An HST/WFPC2 survey of bright young clusters in M 31 IV. Age and mass estimates](#)
Author(s): Perina S, Cohen JG, Barmby P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A23
Published: FEB-MAR 2010
◆ ESA/NASA: Hubble/ WFPC2; Hubble/ ACS/WFC

527. [High-resolution visible spectroscopy of the jet-driving star Th 28](#)
 Author(s): Comerón F, Fernández M
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A10
 Published: FEB-MAR 2010
 ♦ ESO (Paranal): VLT/ UVES
528. [Magnetic loop emergence within a granule](#)
 Author(s): Gömöry P, Beck C, Balthasar H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A14
 Published: FEB-MAR 2010
 ♦ OT: VTT
529. [The thermal emission of the young and massive planet CoRoT-2b at 4.5 and 8 \$\mu\$ m](#)
 Author(s): Gillon M, Lanotte AA, Barman T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A3
 Published: FEB-MAR 2010
 ♦ ESO (Paranal): VLT/FORS2
 ♦ Otros: Spitzer
530. [The eclipsing, double-lined, Of supergiant binary Cygnus OB2-B17](#)
 Author(s): Stroud VE, Clark JS, Negueruela I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A84
 Published: FEB-MAR 2010
 ♦ ORM: WHT/ ISISB; INT/ IDS
 ♦ Otros: Loiano Observatory; Cassini telescope
531. [The chemical composition of TS 01, the most oxygen-deficient planetary nebula AGB nucleosynthesis in a metal-poor binary star](#)
 Author(s): Stasińska G, Morisset C, Tovmassian G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A44
 Published: FEB-MAR 2010
 ♦ ESA/NASA: Hubble
 ♦ Otros: CFHT; Spitzer
532. [More than 160 near Earth asteroids observed in the EURONEAR network](#)
 Author(s): Birlan M, Vaduvescu O, Tudorica A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A40
 Published: FEB-MAR 2010
 ♦ ESO (La Silla): 2.2m MPG/ WFI
 ♦ Otros: Pic du Midi; Haute Provence; Cerro Tololo; Las Campanas; Cerro Armazones; Bucharest Urseanu, and York University Observatories.
533. [Chemical abundance analysis of the open clusters Cr 110, NGC 2099 \(M 37\), NGC 2420, NGC 7789, and M 67 \(NGC 2682\)](#)
 Author(s): Pancino E, Carrera R, Rossetti E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A56
 Published: FEB-MAR 2010
 ♦ CAHA: 2.2m/ FOCES

- ◆ Otros: 2MASS Surrey and the WEBDA, VALD, NIST, and GEISA online databases.
534. [Determining global parameters of the oscillations of solar-like stars](#)
 Author(s): Mathur S, Garcia RA, Regulo C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A46
 Published: FEB-MAR 2010
- ◆ “Pipeline development”
 - ◆ **ESA: CoRoT ; SOHO/ GOLF**
535. [Radio emission from the massive stars in the galactic super star cluster Westerlund 1](#)
 Author(s): Dougherty SM, Clark JS, Negueruela I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: A58
 Published: FEB-MAR 2010
- ◆ **ESO (Paranal): VLT/ FORS2**
 - ◆ Otros: Australia Telescope Compact Array
536. [A scenario of planet erosion by coronal radiation](#)
 Author(s): Sanz-Forcada J, Ribas I, Micela G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 511 Article Number: L8
 Published: FEB-MAR 2010
- ◆ **ESA: XMM-Newton**
 - ◆ Otros: Chandra; NASA’s High Energy Astrophysics Science Archive Research Center (HEASARC)
537. [A DETAILED STUDY OF THE RISE PHASE OF A LONG DURATION X-RAY FLARE IN THE YOUNG STAR TWA 11B](#)
 Author(s): López-Santiago J, Crespo-Chacon I, Micela G, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 1 Pages: 78-87
 Published: MAR 20 2010
- ◆ **ESA: XMM-Newton**
538. [PANCHROMATIC OBSERVATIONS AND MODELING OF THE HV TAU C EDGE-ON DISK](#)
 Author(s): Duchene G, McCabe C, Pinte C, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 1 Pages: 112-129
 Published: MAR 20 2010
- ◆ **ESO (Paranal): VLT-Yepun**
 - ◆ **IRAM: PdBI**
 - ◆ Otros: CARMA; CSO; Keck II,
539. [SUPERDENSE MASSIVE GALAXIES IN WINGS LOCAL CLUSTERS](#)
 Author(s): Valentinuzzi T, Fritz J, Poggianti BM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 1 Pages: 226-237
 Published: MAR 20 2010
- ◆ **ORM: INT/ WFC; WHT/ WYFFOS**
 - ◆ Otros: AAT(2dF)

540. [ON THE Delta V-HB\(bump\) PARAMETER IN GLOBULAR CLUSTERS](#)
 Author(s): Di Cecco A, Bono G, Stetson PB, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 1 Pages: 527-535
 Published: MAR 20 2010
 ♦ ESO (Paranal): VLT/ GIRAFFE
 ♦ “New empirical estimates of the ΔV bump HB parameter”
 ♦ ESO/ST-ECF Science Archive Facility
541. [THE NATURE OF TRANSITION CIRCUMSTELLAR DISKS. I. THE OPHIUCHUS MOLECULAR CLOUD](#)
 Author(s): Cieza LA, Schreiber MR, Romero GA, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 2 Pages: 925-941
 Published: APR 1 2010
 ♦ ESO (Paranal): VLT-Yepun
 ♦ Otros: Spitzer (IRAC, MIPS) ; SMA, ;CSO (Bolocam) ; CFHT (Espadons), Du Pont (Echelle)
542. [THE DISTANCE, MASS, AND RADIUS OF THE NEUTRON STAR IN 4U 1608-52](#)
 Author(s): Guver T, Ozel F, Cabrera-Lavers A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 2 Pages: 964-973
 Published: APR 1 2010
 ♦ ESA: XMM-Newton
 ♦ Otros: 2MASS
543. [FERMI LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925](#)
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 2 Pages: 1209-1218
 Published: APR 1 2010
 ♦ ESA: XMM-Newton
 ♦ Otros: Fermi-LAT; GBT
544. [THE ACS LCID PROJECT. II. FAINT VARIABLE STARS IN THE ISOLATED DWARF IRREGULAR GALAXY IC 1613](#)
 Author(s): Bernard EJ, Monelli M, Gallart C, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 712 Issue: 2 Pages: 1259-1276
 Published: APR 1 2010
 ♦ ESA/NASA: Hubble/ ACS/ WFPC2
545. [OBSERVATIONAL STUDY OF THE MULTISTRUCTURED PLANETARY NEBULA NGC 7354](#)
 Author(s): Contreras ME, Vazquez R, Miranda LF, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 139 Issue: 4 Pages: 1426-1437
 Published: APR 2010
 ♦ ORM: NOT
 ♦ ESA/NASA: Hubble (form MAST)
 ♦ Otros: VLA; San Pedro M´artir Observatory: 2.1 m telescope (OAN-SPM)

546. [GROUND-BASED NEAR-INFRARED OBSERVATIONS OF THE SECONDARY ECLIPSE OF CoRoT-2b](#)
 Author(s): Alonso R, Deeg HJ, Kabath P, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 139 Issue: 4 Pages: 1481-1485
 Published: APR 2010
 ♦ ORM: WHT/ LIRIS
547. [PROBING THE INNER JET OF THE QUASAR PKS 1510-089 WITH MULTI-WAVEBAND MONITORING DURING STRONG GAMMA-RAY ACTIVITY](#)
 Author(s): Marscher AP, Jorstad SG, Larionov VM, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 710 Issue: 2
 Pages: L126-L131 Published: FEB 20 2010
 ♦ ORM: LT
 ♦ CAHA: 2.2m
 ♦ Otros: VLBA; RXTE; Fermi; Perkins; Bok; SO:Kuiper; UMRAO; SMA
548. [STATISTICAL ANALYSIS OF THE VERY QUIET SUN MAGNETISM](#)
 Author(s): González MJM, Sainz RM, Ramos AA, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 711 Issue: 2 Pages: L57-L60
 Published: MAR 10 2010
 ♦ OT: Themis
 ♦ ESA/NASA/JAXA: Hinode
549. [WHICH GALAXIES HOST BARS AND DISKS? A STUDY OF THE COMA CLUSTER](#)
 Author(s): Méndez-Abreu J, Sanchez-Janssen R, Aguerri JAL
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 711 Issue: 2 Pages: L61-L65
 Published: MAR 10 2010
 ♦ ESA/NASA: Hubble
550. [EARLY RESULTS FROM THE GALACTIC O-STAR SPECTROSCOPIC SURVEY: C III EMISSION LINES IN OF SPECTRA](#)
 Author(s): Walborn NR, Sota A, Apellaniz JM, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 711 Issue: 2
 Pages: L143-L147 Published: MAR 10 2010
 ♦ CAHA: 3.5m/ TWIN
 ♦ Otros: OSN; LCO
551. [The Herschel Reference Survey](#)
 Author(s): Boselli A, Eales S, Cortese L, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 889 Pages: 261-287
 Published: MAR 2010
 ♦ ESA: Herschel
 ♦ Otros: NED; GOLD Mine database

552. [Hi-GAL: The Herschel Infrared Galactic Plane Survey](#)
 Author(s): Molinari S, Swinyard B, Bally J, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 889 Pages: 314-325 Published: MAR 2010
 ♦ ESA: Herschel
553. [The SAURON project - XV. Modes of star formation in early-type galaxies and the evolution of the red sequence](#)
 Author(s): Shapiro KL, Falcon-Barroso J, van de Ven G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 402 Issue: 4 Pages: 2140-2186 Published: MAR 2010
 ♦ ORM: WHT
 ♦ Otros: Spitzer
554. [The quasar M-BH-M-host relation through cosmic time - I. Data set and black hole masses](#)
 Author(s): Decarli R, Falomo R, Treves A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 402 Issue: 4 Pages: 2441-2452 Published: MAR 2010
 ♦ ORM: NOT/ ALFOSC
 ♦ ESO (La Silla): 3,6m
 ♦ Otros: NED
555. [AINUR: Atlas of Images of NUClear Rings](#)
 Author(s): Comerón S, Knapen JH, Beckman JE, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 402 Issue: 4 Pages: 2462-2490 Published: MAR 2010
 ♦ ESA/NASA: Hubble
 ♦ Otros: NED; 2MASS
556. [Swift observations of CSS081007:030559+054715](#)
 Author(s): Beardmore AP, Osborne JP, Page KL, et al.
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 331 Issue: 2 Pages: 156-159 Published: FEB 2010
 ♦ ORM: NOT
 ♦ Otros: Swift
557. [X-ray observations of classical novae: Theoretical implications](#)
 Author(s): Hernanz M, Sala G
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 331 Issue: 2 Pages: 169-174 Published: FEB 2010
 ♦ Teórico
 ♦ ESA: EXOSAT; XMM-Newton
 ♦ Otros: ROSAT; Chandra; Swift

558. [Observational evidence for expansion in the SSS spectra of novae](#)
 Author(s): Ness JU
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 331 Issue: 2 Pages: 179-182 Published: FEB 2010
 ♦ ESA: XMM-Newton
 ♦ Otros: Chandra
559. [Beginning of the super-soft phase of the classical nova V2491 Cygni](#)
 Author(s): Takei D, Ness JU
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 331 Issue: 2 Pages: 183-186 Published: FEB 2010
 ♦ ESA: Suzaku
560. [Recent discoveries of supersoft X-ray sources in M 31](#)
 Author(s): Henze M, Pietsch W, Haberl F, et al.
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 331 Issue: 2 Pages: 193-196 Published: FEB 2010
 ♦ ESA: XMM-Newton
561. [V5116 Sgr: A disc-eclipsed SSS post-outburst nova](#)
 Author(s): Sala G, Hernanz M, Ferri C, et al.
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 331 Issue: 2 Pages: 201-204 Published: FEB 2010
 ♦ ESA: XMM-Newton
562. [On the relation between supersoft X-ray sources and VY Scl stars: The cases of V504 Cen and VY Scl](#)
 Author(s): Greiner J, Schwarz R, Tappert C, et al.
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 331 Issue: 2 Pages: 227-230 Published: FEB 2010
 ♦ ESA: XMM-Newton
 ♦ ESO (Paranal): VLT/ FORS1
 ♦ ESO (La Silla): NTT/ EMMI
 ♦ Otros: Chandra; Swift; 1.3m SMARTS telescope
563. [DENSE GAS TRACERS IN PERSEUS: RELATING THE N₂H⁺, NH₃, AND DUST CONTINUUM PROPERTIES OF PRE- AND PROTOSTELLAR CORES](#)
 Author(s): Johnstone D, Rosolowsky E, Tafalla M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 711 Issue: 2 Pages: 655-670 Published: MAR 10 2010
 ♦ IRAM: 30 m.
 ♦ Otros: CSO, GBT, JCMT, Palomar, *Spitzer* and 2MASS.

564. [GREEN'S FUNCTIONS FOR FAR-SIDE SEISMIC IMAGES: A POLAR-EXPANSION APPROACH](#)
 Author(s): Hernández FP, Hernandez IG
 Source: ASTROPHYSICAL JOURNAL Volume: 711 Issue: 2 Pages: 853-860
 Published: MAR 10 2010
- ◆ Teórico
 - ◆ OT: GONG
565. [Soft gamma-ray constraints on a bright flare from the Galactic Center supermassive black hole](#)
 Author(s): Trap G, Goldwurm A, Terrier R, et al.
 Source: ADVANCES IN SPACE RESEARCH Volume: 45 Issue: 4 Pages: 507-520
 Published: FEB 15 2010
- ◆ ESA: XMM-Newton/EPIC; INTEGRAL/ISGRI
 - ◆ ESO (Paranal): VLT (UT4)/NACO; VLT (UT3)/VISIR
566. [Modelling gamma-ray burst observations by Fermi and MAGIC including attenuation due to diffuse background light](#)
 Author(s): Gilmore RC, Prada F, Primack J
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 402 Issue: 1 Pages: 565-574 Published: FEB 11 2010
- ◆ ORM: MAGIC
 - ◆ Otros: Fermi-LAT; *Swift* Burst Alert Telescope (BAT)
567. [Spatially resolved study of the physical properties of the ionized gas in NGC 595](#)
 Author(s): Relaño M, Monreal-Ibero A, Vilchez JM, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 402 Issue: 3 Pages: 1635-1648 Published: MAR 1 2010
- ◆ CAHA: 3,5m/ PMAS
 - ◆ Otros: Multimission Archive at the Space Telescope Science Institute (STScI) (MAST).
568. [Very Small Array observations of the anomalous microwave emission in the Perseus region](#)
 Author(s): Tibbs CT, Watson RA, Dickinson C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 402 Issue: 3 Pages: 1969-1979 Published: MAR 1 2010
- ◆ OT: VSA/ CROMOSOMAS
569. [A HIGH SPATIAL RESOLUTION MID-INFRARED SPECTROSCOPIC STUDY OF THE NUCLEI AND STAR-FORMING REGIONS IN LUMINOUS INFRARED GALAXIES](#)
 Author(s): Díaz-Santos T, Alonso-Herrero A, Colina L, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 711 Issue: 1 Pages: 328-349
 Published: MAR 1 2010
- ◆ ESA: Hubble
 - ◆ Otros: Gemini South; Spitzer

570. [SDSS J123813.73-033933.0: A CATAclysmic VARIABLE EVOLVED BEYOND THE PERIOD MINIMUM](#)
 Author(s): Aviles A, Zharikov S, Tovmassian G, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 711 Issue: 1 Pages: 389-398
 Published: MAR 1 2010
- ◆ OT: IAC80
 - ◆ Otros: Las Campanas Observatory: 6.5 m Baade/Magellan Telescope; Observatorio Astronómico SPM:1.5 m telescope; Bohyunsan Optical Astronomy Observatory (BOAO): 2.1 m telescope; Terskol Astrophysical Observatory: the 2 m telescope; Indian Astronomical Observatory (IAO): the 2 m Himalayan Chandra Telescope
571. [HAS A STAR ENOUGH ENERGY TO EXCITE THE THOUSAND OF MODES OBSERVED WITH CoRoT?](#)
 Author(s): Moya A, Rodriguez-Lopez C
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 710 Issue: 1
 Pages: L7-L10 Published: FEB 10 2010
- ◆ ESA: CoRoT
572. [ON THE MULTIPLICITY OF THE ZERO-AGE MAIN-SEQUENCE O STAR HERSCHEL 36](#)
 Author(s): Arias JI, Barba RH, Gamen RC, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 710 Issue: 1
 Pages: L30-L34 Published: FEB 10 2010
- ◆ ESO (La Silla): 2.2m MPG/ FEROS
 - ◆ Otros: Casleo-2.15/ REOSC; LCO-DP/ Echelle; 6.5 m Magellan II (Clay) telescope.
573. [THE GALAXY-WIDE DISTRIBUTIONS OF MEAN ELECTRON DENSITY IN THE H II REGIONS OF M51 AND NGC 4449](#)
 Author(s): Gutierrez L, Beckman JE
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 710 Issue: 1
 Pages: L44-L48 Published: FEB 10 2010
- ◆ ESA/NASA: Hubble/ ACS
574. [The structure of the outer Galactic disc as revealed by IPHAS early A stars](#)
 Author(s): Sale SE, Drew JE, Knigge C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 402 Issue: 2 Pages: 713-723 Published: FEB 21 2010
- ◆ ORM: INT/ WFC
575. [The spectral energy distribution of the central parsecs of the nearest AGN](#)
 Author(s): Prieto MA, Reunanen J, Tristram KRW, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 402 Issue: 2 Pages: 724-744 Published: FEB 21 2010
- ◆ ESO (Paranal): VLT/ NACO; VLTi
 - ◆ ESA: Hubble; Integral
 - ◆ Otros: Chandra; VLA; ATCA

576. [VLT diffraction-limited imaging at 11 and 18 \$\mu\$ m of the nearest active galactic nuclei](#)
Author(s): Reunanen J, Prieto MA, Siebenmorgen R
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 402 Issue: 2 Pages: 879-894 Published: FEB 21 2010
◆ ESO (Paranal): VLT/ VISIR
◆ Otros: NED
577. [The circumnuclear environment of the peculiar galaxy NGC3310](#)
Author(s): Hägele GF, Diaz AI, Cardaci MV, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 402 Issue: 2 Pages: 1005-1026 Published: FEB 21 2010
◆ ORM: WHT
◆ ESA: Hubble
◆ Otros: MAST, NED and SIMBAD databases
578. [3D spectroscopy of local luminous compact blue galaxies: kinematics of NGC 7673](#)
Author(s): Pérez-Gallego J, Guzman R, Castillo-Morales A, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 402 Issue: 2 Pages: 1397-1406 Published: FEB 21 2010
◆ CAHA: 3.5m
579. [INVESTIGATING THE COMPLEX X-RAY SPECTRUM OF A BROAD-LINE 2MASS RED QUASAR: XMM-NEWTON OBSERVATION OF FTM 0830+3759](#)
Author(s): Piconcelli E, Vignali C, Bianchi S, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 710 Issue: 2 Pages: 992-1002
Published: FEB 20 2010
◆ ESA: Hubble/ ACS (indirecto); XMM-Newton
◆ Otros: NED and SIMBAD databases
580. [THE MINOR ROLE OF GAS-RICH MAJOR MERGERS IN THE RISE OF INTERMEDIATE-MASS EARLY TYPES AT \$z \leq 1\$](#)
Author(s): López-Sanjuan C, Balcells M, Perez-Gonzalez PG, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 710 Issue: 2 Pages: 1170-1178
Published: FEB 20 2010
◆ ESA: Hubble/ ACS
581. [The ongoing outburst of the new symbiotic star IPHASJ190832.31+051226.6](#)
Author(s): Corradi RLM, Munari U, Greimel R, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200913653
Published: JAN 2010
◆ ORM: NOT; INT; WHT

582. [A slitless spectroscopic survey for H alpha emission-line objects in SMC clusters](#)
Author(s): Martayan C, Baade D, Fabregat J
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200911672 Published: JAN 2010
◆ ESO (La Silla): 2.2m MPG/ WFI
◆ Otros: 2MASS
583. [High- and low-resolution spectroscopic observations of the peculiar planetary-nebula HD 149427 \(=PC 11\)](#)
Author(s): Pereira CB, Baella NO, Daflon S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200912309 Published: JAN 2010
◆ ESO (La Silla): 2.2m MPG/ FEROS; 1,52m
584. [IPHAS and the symbiotic stars II. New discoveries and a sample of the most common mimics](#)
Author(s): Corradi RLM, Valentini M, Munari U, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200913231 Published: JAN 2010
◆ ORM: NOT; INT; WHT
◆ Otros: 2.3m ANU telescope at Siding Spring Observatory, Australia ; Asiago 1.82m telescope of the INAF Astronomical Observatory of Padova, Italy; 2.1m telescope at San Pedro Martir; 2MASS; SIMBAD database
585. [Accurate photometry with adaptive optics in the presence of anisoplanatic effects with a sparsely sampled PSF The Galactic center as an example of a challenging target for accurate AO photometry](#)
Author(s): Schödel R
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200912808 Published: JAN 2010
◆ ESO (Paranal): VLT/ NACO
586. [The distance to the Andromeda galaxy from eclipsing binaries](#)
Author(s): Vilardell F, Ribas I, Jordi C, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200913299 Published: JAN 2010
◆ ORM: INT
◆ Otros: Gemini Observatory
587. [Preliminary determinations of the masses of the neutron star and mass donor in the high mass X-ray binary system EXO 1722-363](#)
Author(s): Mason AB, Norton AJ, Clark JS, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200913394 Published: JAN 2010
◆ ESO (Paranal): VLT/ ISAAC

588. [Analysis of the stellar population in the central area of the HII region Sh 2-284](#)
Author(s): Delgado AJ, Djupvik AA, Alfaro EJ
Source: ASTRONOMY & ASTROPHYSICS Volume: 509 DOI: 10.1051/0004-6361/200912961 Published: JAN 2010
◆ ORM: NOT
589. [Near infrared flares of Sagittarius A* Importance of near infrared polarimetry](#)
Author(s): Zamaninasab M, Eckart A, Witzel G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A3
Published: FEB 2010
◆ ESO (Paranal): VLT-Yepun/ NACO
◆ Otros: Subaru Telescope
590. [Three intermediate-mass young stellar objects with different properties emerging from the same natal cloud in IRAS 00117+6412](#)
Author(s): Palau A, Sanchez-Monge A, Busquet G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A5
Published: FEB 2010
◆ IRAM: PdBI
◆ Otros: VLA; SMA
591. [The chemical composition of the Orion star forming region I. Homogeneity of O and Si abundances in B-type stars](#)
Author(s): Simón-Díaz S
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A22
Published: FEB 2010
◆ ORM: NOT
592. [Brown dwarfs and very low mass stars in the Praesepe open cluster: a dynamically unevolved mass function?](#)
Author(s): Boudreault S, Bailer-Jones CAL, Goldman B, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A27
Published: FEB 2010
◆ CAHA: 3,5m
◆ ESO (La Silla): 2.2m MPG
◆ Otros: SIMBAD database; 2MASS
593. [The XMM-Newton Wide Angle Survey \(XWAS\): the X-ray spectrum of type-1 AGN](#)
Author(s): Mateos S, Carrera FJ, Page MJ, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A35
Published: FEB 2010
◆ ESA: XMM-Newton
◆ ORM: INT/ WFC

594. [Not an open cluster after all: the NGC 6863 asterism in Aquila](#)
 Author(s): Bidin CM, Marcos RD, Marcos CD, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A44
 Published: FEB 2010
 ♦ ESO (La Silla): 3,6m/ HARPS
 ♦ Otros: 1.82 m Copernico telescope of Cima Ekar
595. [Molecular gas in NUClei of GALaxies \(NUGA\) XIII. The interacting Seyfert 2/LINER galaxy NGC 5953](#)
 Author(s): Casasola V, Hunt LK, Combes F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 510 Article Number: A52
 Published: FEB 2010
 ♦ IRAM: PdBI; 30m
596. [THE RECENT STAR FORMATION HISTORY OF NGC 5102](#)
 Author(s): Beaulieu SF, Freeman KC, Hidalgo SL, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 139 Issue: 3 Pages: 984-993
 Published: MAR 2010
 ♦ ESA/ NASA: Hubble
597. [AGN POPULATION IN HICKSON COMPACT GROUPS. I. DATA AND NUCLEAR ACTIVITY CLASSIFICATION](#)
 Author(s): Martínez MA, Del Olmo A, Coziol R, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 139 Issue: 3 Pages: 1199-1211
 Published: MAR 2010
 ♦ CAHA: 2.2m
 ♦ ORM: NOT
 ♦ Otros: OSN, 1,5m; SPM, 2,12m
598. [THE ALHAMBRA PHOTOMETRIC SYSTEM](#)
 Author(s): Villegas TA, Alfaro EJ, Cabrera-Cano J, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 139 Issue: 3 Pages: 1242-1253
 Published: MAR 2010
 ♦ CAHA: 3.5m
 ♦ Otros: SDSS
599. [A new three-stage evolution model for millimeter to centimeter wavelength outbursts in BL Lacertae](#)
 Author(s): Qian SJ, Krichbaum TP, Witzel A, et al.
 Source: RESEARCH IN ASTRONOMY AND ASTROPHYSICS Volume: 10
 Issue: 1 Pages: 47-66 Published: JAN 2010
 ♦ IRAM: 30m

600. [Broad iron L line and X-ray reverberation in 1H0707-495](#)
 Author(s): Zoghbi A, Fabian AC, Uttley P, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 4 Pages: 2419-2432 Published: FEB 1 2010
 ♦ ESA: XMM-Newton
601. [On the mass of the neutron star in Cyg X-2](#)
 Author(s): Casares J, Hernandez JIG, Israelian G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 4 Pages: 2517-2520 Published: FEB 1 2010
 ♦ ORM: WHT/ UES
602. [Radio structures of the nuclei of nearby Seyfert galaxies and the nature of the missing diffuse emission](#)
 Author(s): Orienti M, Prieto MA
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 4 Pages: 2599-2610 Published: FEB 1 2010
 ♦ ESO (Paranal) VLT/ VISIR (indirecto)
 ♦ Otros: VLA; VLBA
603. [THE DUST-SCATTERING X-RAY RINGS OF THE ANOMALOUS X-RAY PULSAR 1E 1547.0-5408](#)
 Author(s): Tiengo A, Vianello G, Esposito P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 710 Issue: 1 Pages: 227-235
 Published: FEB 10 2010
 ♦ ESA: XMM-Newton/ EPIC
 ♦ Otros: Swift/ XRT
604. [MAGIC GAMMA-RAY TELESCOPE OBSERVATION OF THE PERSEUS CLUSTER OF GALAXIES: IMPLICATIONS FOR COSMIC RAYS, DARK MATTER, AND NGC 1275](#)
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 710 Issue: 1 Pages: 634-647
 Published: FEB 10 2010
 ♦ ORM: MAGIC
605. [PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE FERMI LARGE AREA TELESCOPE](#)
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 710 Issue: 1 Pages: 810-827
 Published: FEB 10 2010
 ♦ ESA: XMM-Newton; INTEGRAL
 ♦ Otros: Fermi, Swift, VLBF,

606. [SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM PULSAR-PULSAR WIND NEBULA SYSTEMS WITH THE MAGIC TELESCOPE](#)
Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 710 Issue: 1 Pages: 828-835
Published: FEB 10 2010
◆ ORM: MAGIC
607. [The quest for the solar g modes](#)
Author(s): Appourchaux T, Belkacem K, Broomhall AM, et al.
Source: ASTRONOMY AND ASTROPHYSICS REVIEW Volume: 18 Issue: 1-2 Pages: 197-277 Published: FEB 2010
◆ ESA: SOHO
608. [A VLT VIMOS integral-field spectroscopic study of perturbed blue compact galaxies: UM 420 and UM 462](#)
Author(s): James BL, Tsamis YG, Barlow MJ
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 401 Issue: 2 Pages: 759-774 Published: JAN 11 2010
◆ ESO (Paranal): VLT/ VIMOS
609. [Does the X-ray emission of the luminous quasar RBS 1124 originate in a mildly relativistic outflowing corona?](#)
Author(s): Miniutti G, Piconcelli E, Bianchi S, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 401 Issue: 2 Pages: 1315-1324 Published: JAN 11 2010
◆ ESA: Suzaku
610. [A transit timing analysis of seven RISE light curves of the exoplanet system HAT-P-3](#)
Author(s): Gibson NP, Pollacco DL, Barros S, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
Volume: 401 Issue: 3 Pages: 1917-1923 Published: JAN 21 2010
◆ ORM: LT
611. [THE QUASAR OUTFLOW CONTRIBUTION TO AGN FEEDBACK: VLT MEASUREMENTS OF SDSS J0318-0600](#)
Author(s): Dunn JP, Bautista M, Arav N, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 709 Issue: 2 Pages: 611-631
Published: FEB 1 2010
◆ ESO (Paranal): VLT

612. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VIII. EFFECTS OF ENVIRONMENT ON GLOBULAR CLUSTER GLOBAL MASS FUNCTIONS](#)
Author(s): Paust NEQ, Reid IN, Piotto G, et al.
Source: ASTRONOMICAL JOURNAL Volume: 139 Issue: 2 Pages: 476-491
Published: FEB 2010
◆ ESA/NASA: Hubble
613. [SUZAKU BROADBAND SPECTROSCOPY OF SWIFT J1753.5-0127 IN THE LOW-HARD STATE](#)
Author(s): Reynolds MT, Miller JM, Homan J, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 709 Issue: 1 Pages: 358-368
Published: JAN 20 2010
◆ ESA: Suzaku
◆ Otros: RXTE; SIMBAD database
614. [ON A NEW NEAR-INFRARED METHOD TO ESTIMATE THE ABSOLUTE AGES OF STAR CLUSTERS: NGC 3201 AS A FIRST TEST CASE](#)
Author(s): Bono G, Stetson PB, VandenBerg DA, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 708 Issue: 2
Pages: L74-L79 Published: JAN 10 2010
◆ ESO (Paranal): VLT/ MAD
◆ ESO (La Silla): NTT/ SOFI
◆ ESA/NASA: Hubble
615. [GTC/OSIRIS SPECTROSCOPIC IDENTIFICATION OF A FAINT L SUBDWARF IN THE UKIRT INFRARED DEEP SKY SURVEY](#)
Author(s): Lodieu N, Osorio MRZ, Martin EL, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 708 Issue: 2
Pages: L107-L111 Published: JAN 10 2010
◆ GTC/ OSIRIS
◆ Otros: UKIRT; SDSS
616. [THE FOURTH IBIS/ISGRI SOFT GAMMA-RAY SURVEY CATALOG](#)
Author(s): Bird AJ, Bazzano A, Bassani L, et al.
Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 186
Issue: 1 Pages: 1-9 Published: JAN 2010
◆ ESA: INTEGRAL
◆ Otros: NED database; SIMBAD database
617. [PYRAMIR: Exploring the On-Sky Performance of the World's First Near-Infrared Pyramid Wavefront Sensor](#)
Author(s): Peter D, Feldt M, Henning T, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 887 Pages: 63-70 Published: JAN 2010
◆ CAHA: 3.5m

618. [First high-resolution detection of a warm absorber in the Broad Line Radio Galaxy 3C 382](#)
 Author(s): Torresi E, Grandi P, Longinotti AL, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 1 Pages: L10-L14 Published: JAN 1 2010
 ♦ ESA: XMM-Newton
619. [Correlated optical/X-ray variability in the high-mass X-ray binary SAX J2103.5+4545](#)
 Author(s): Reig P, Slowikowska A, Zezas A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 1 Pages: 55-66 Published: JAN 1 2010
 ♦ ORM: WHT
 ♦ CAHA: 2.2m
 ♦ ESA: INTEGRAL
 ♦ Otros: RXTE; Swift; 1.3m (SKI)
620. [Kinematics of the ring-like nebula SuWt 2 star](#)
 Author(s): Jones D, Lloyd M, Mitchell DL, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 1 Pages: 405-410 Published: JAN 1 2010
 ♦ ESO (La Silla): NTT
621. [CoRoT photometry and high-resolution spectroscopy of the interacting eclipsing binary AU Monocerotis](#)
 Author(s): Desmet M, Fremat Y, Baudin F, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 1 Pages: 418-432 Published: JAN 1 2010
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 2.2m/ FEROS
 ♦ Otros: Observatoire de Haute-Provence/ SOPHIE
622. [The fraction of binary systems in the core of five Galactic open clusters star](#)
 Author(s): Sollima A, Carballo-Bello JA, Beccari G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
 Volume: 401 Issue: 1 Pages: 577-585 Published: JAN 1 2010
 ♦ ORM: INT/ WFC
 ♦ ESO (La Silla): 2.2m MPG/ WFI
 ♦ Otros: 1.5m Danish Telescope (La Silla-no ESO)
623. [TIME DELAYS IN THE GRAVITATIONALLY LENSED QUASAR H1413+117 \(CLOVERLEAF\)](#)
 Author(s): Goicoechea LJ, Shalyapin VN
 Source: ASTROPHYSICAL JOURNAL Volume: 708 Issue: 2 Pages: 995-1001
 Published: JAN 10 2010
 ♦ ORM: LT/ RATCam
 ♦ Otros: SDSS

624. [A TWO MICRON ALL SKY SURVEY VIEW OF THE SAGITTARIUS DWARF GALAXY. VI. s-PROCESS AND TITANIUM ABUNDANCE VARIATIONS ALONG THE SAGITTARIUS STREAM](#)
Author(s): Chou MY, Cunha K, Majewski SR, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 708 Issue: 2 Pages: 1290-1309 Published: JAN 10 2010
◆ ORM: TNG/ SARG
◆ Otros: 4 m Mayall telescope Echelle at the Kitt Peak National Observatory; 6.5 m Clay telescope at the Las Campanas Observatory
625. [ON THE MAGNETIC FIELD OF OFF-LIMB SPICULES](#)
Author(s): Centeno R, Bueno JT, Ramos AA
Source: ASTROPHYSICAL JOURNAL Volume: 708 Issue: 2 Pages: 1579-1584 Published: JAN 10 2010
◆ OT: VTT
626. [Coma Structures in Comet 73P/Schwassmann-Wachmann 3, Components B and C, Between January and May 2006](#)
Author(s): Vincent JB, Bohnhardt H, Bertini I, et al.
Source: EARTH MOON AND PLANETS Volume: 106 Issue: 1 Pages: 27-35 Published: JAN 2010
◆ CAHA: 2.2m/ CAFOS
627. [ON THE COSMIC EVOLUTION OF THE SCALING RELATIONS BETWEEN BLACK HOLES AND THEIR HOST GALAXIES: BROAD-LINE ACTIVE GALACTIC NUCLEI IN THE ZCOSMOS SURVEY](#)
Author(s): Merloni A, Bongiorno A, Bolzonella M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 708 Issue: 1 Pages: 137-157 Published: JAN 1 2010
◆ ESO (Paranal): VLT/ VIMOS
◆ ESA: XMM-Newton; Hubble
◆ Otros: CFHT; Subaru
628. [A MULTI-WAVELENGTH SPECTRAL AND POLARIMETRIC STUDY OF THE JET OF 3C 264](#)
Author(s): Perlman ES, Padgett CA, Georganopoulos M, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 708 Issue: 1 Pages: 171-187 Published: JAN 1 2010
◆ ESA/NASA: Hubble
◆ Otros: Chandra; VLA
629. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. IX. HORIZONTAL BRANCH MORPHOLOGY AND THE SECOND PARAMETER PHENOMENON](#)
Author(s): Dotter A, Sarajedini A, Anderson J, et al.
Source: ASTROPHYSICAL JOURNAL Volume: 708 Issue: 1 Pages: 698-716 Published: JAN 1 2010
◆ ESA/NASA: Hubble

630. [A collision in 2009 as the origin of the debris trail of asteroid P/2010 A2](#)
Author(s): Snodgrass C, Tubiana C, Vincent JB, et al.
Source: NATURE Volume: 467 Issue: 7317 Pages: 814-816 Published: OCT 14 2010
◆ ESA: Rosetta/ OSIRIS
◆ ESO (la Silla): NTT
631. [Warm water vapour in the sooty outflow from a luminous carbon star](#)
Author(s): Decin L, Agundez M, Barlow MJ, et al.
Source: NATURE Volume: 467 Issue: 7311 Pages: 64-67 Published: SEP 2 2010
◆ ESA: Herschel/ SPIRE/ PACS
◆ IRAM: 30m
632. [Escape of about five per cent of Lyman-alpha photons from high-redshift star-forming galaxies](#)
Author(s): Hayes M, Ostlin G, Schaerer D, et al.
Source: NATURE Volume: 464 Issue: 7288 Pages: 562-565 Published: MAR 25 2010
◆ ESO (Paranal): VLT
633. [A transiting giant planet with a temperature between 250 K and 430 K](#)
Author(s): Deeg HJ, Moutou C, Erikson A, et al.
Source: NATURE Volume: 464 Issue: 7287 Pages: 384-387 Published: MAR 18 2010
◆ ESO (Paranal): VLT/ UVES/ HARPS
◆ ESA: CoRoT
634. [High molecular gas fractions in normal massive star-forming galaxies in the young Universe](#)
Author(s): Tacconi LJ, Genzel R, Neri R, et al.
Source: NATURE Volume: 463 Issue: 7282 Pages: 781-784 Published: FEB 11 2010
◆ IRAM: PdBI
635. [A change in the optical polarization associated with a gamma-ray flare in the blazar 3C 279](#)
Author(s): Abdo A. A.; Ackermann M.; Ajello M.; et al.
Group Author(s): Fermi LAT Collaboration; 3C 279 Multiband Campaign
Source: NATURE Volume: 463 Issue: 7283 Pages: 919-923 DOI: 10.1038/nature08841 Published: FEB 18 2010
◆ ORM: KVA; LT
◆ CAHA (GASP-WEBT collaboration): 2.2m/CAFOS
◆ Otros: Fermi-LAT; RXTE; Swift

636. [A Low-Magnetic-Field Soft Gamma Repeater](#)
Author(s): Rea N, Esposito P, Turolla R, et al.
Source: SCIENCE Volume: 330 Issue: 6006 Pages: 944-946 Published: NOV 12 2010
◆ ESA: XMM-Newton/ EPIC
◆ Otros: Chandra; Swift
637. [The Detection of a Population of Submillimeter-Bright, Strongly Lensed Galaxies](#)
Author(s): Negrello M, Hopwood R, De Zotti G, et al.
Source: SCIENCE Volume: 330 Issue: 6005 Pages: 800-804 Published: NOV 5 2010
◆ ESA: Herschel/ SPIRE/ PACS
◆ Otros: SMA
638. [CoRoT Reveals a Magnetic Activity Cycle in a Sun-Like Star](#)
Author(s): Garcia RA, Mathur S, Salabert D, et al.
Source: SCIENCE Volume: 329 Issue: 5995 Pages: 1032-1032 Published: AUG 27 2010
◆ ESA: CoRoT
639. [E-Type Asteroid \(2867\) Steins as Imaged by OSIRIS on Board Rosetta](#)
Author(s): Keller HU, Barbieri C, Koschny D, et al.
Source: SCIENCE Volume: 327 Issue: 5962 Pages: 190-193 Published: JAN 8 2010
◆ ESA: Rosetta/ OSIRIS

PUBLICACIONES 2011

1. [LOOKING FOR A CONNECTION BETWEEN THE Am PHENOMENON AND HYBRID \$\delta\$ Sct-gamma Dor PULSATION: DETERMINATION OF THE FUNDAMENTAL PARAMETERS AND ABUNDANCES OF HD 114839 AND BD+18 4914](#)
Author(s): Hareter M.; Fossati L.; Weiss W.; et al.
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 2 Article Number: 153 DOI: 10.1088/0004-637X/743/2/153 Published: DEC 20 2011
 - ◆ ESO (La Silla): 3.6m/HARPS
 - ◆ Otros: OHP1.93m/SOPHIE

2. [THE ACOUSTIC CUTOFF FREQUENCY OF THE SUN AND THE SOLAR MAGNETIC ACTIVITY CYCLE](#)
Author(s): Jimenez A.; Garcia R. A.; Palte P. L.
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 2 Article Number: 99 DOI: 10.1088/0004-637X/743/2/99 Published: DEC 20 2011
IAC/ La Laguna
 - ◆ ESA: SOHO

3. [THE ENIGMATIC CORE L1451-mm: A FIRST HYDROSTATIC CORE? OR A HIDDEN VeLLO?](#)
Author(s): Pineda Jaime E.; Arce Hector G.; Schnee Scott; et al.
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 2 Article Number: 201 DOI: 10.1088/0004-637X/743/2/201 Published: DEC 20 2011
 - ◆ IRAM: 30m
 - ◆ Otros: CARMA, VLA, SMA, Spitzer

4. [INTERMEDIATE-MASS HOT CORES AT similar to 500 AU: DISKS OR OUTFLOWS?](#)
Author(s): Palau Aina; Fuente Asuncion; Girart Josep M.; et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 743 Issue: 2 Article Number: L32 DOI: 10.1088/2041-8205/743/2/L32 Published: DEC 20 2011
CSIC-IEEC
 - ◆ IRAM: PdBI

5. [THE SUBSTELLAR POPULATION OF sigma ORIONIS: A DEEP WIDE SURVEY](#)
Author(s): Bejar V. J. S.; Zapatero Osorio M. R.; Rebolo R.; et al.
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 1 Article Number: 64 DOI: 10.1088/0004-637X/743/1/64 Published: DEC 10 2011
IAC/ Unv La Laguna
 - ◆ OT: CST/CAIN
 - ◆ ORM: INTWFC
 - ◆ CAHA: 3.5m/ Omega-Prime ; 2.2m/MAGIC
 - ◆ Otros: SIMBAD database

6. [THE RADIAL AND AZIMUTHAL PROFILES OF MgII ABSORPTION AROUND \$0.5 < z < 0.9\$ zCOSMOS GALAXIES OF DIFFERENT COLORS, MASSES, AND ENVIRONMENTS](#)
 Author(s): Bordoloi R.; Lilly S. J.; Knobel C.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 1 Article Number: 10 DOI: 10.1088/0004-637X/743/1/10 Published: DEC 10 2011
 ♦ ESO (Paranal): VLT/VIMOS
7. [DETECTION OF ANOMALOUS MICROWAVE EMISSION IN THE PLEIADES REFLECTION NEBULA WITH WILKINSON MICROWAVE ANISOTROPY PROBE AND THE COSMOSOMAS EXPERIMENT](#)
 Author(s): Genova-Santos R.; Rebolo R.; Rubino-Martin J. A.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 1 Article Number: 67 DOI: 10.1088/0004-637X/743/1/67 Published: DEC 10 2011
IAC/ Unv La Laguna
 ♦ OT: COSMOSOMAS experiment
 ♦ Otros: OST
8. [THE MASS OF CoRoT-7b](#)
 Author(s): Hatzes Artie P.; Fridlund Malcolm; Nachmani Gil; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 1 Article Number: 75 DOI: 10.1088/0004-637X/743/1/75 Published: DEC 10 2011
 ♦ ESO (La Silla): 3.6m/ HARPS
9. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. XI. THE THREE-DIMENSIONAL ORIENTATION OF THE SAGITTARIUS DWARF SPHEROIDAL GALAXY AND ITS GLOBULAR CLUSTERS](#)
 Author(s): Siegel Michael H.; Majewski Steven R.; Law David R.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 1 Article Number: 20 DOI: 10.1088/0004-637X/743/1/20 Published: DEC 10 2011
 ♦ ESA: Hubble/ACS
10. [THERMAL X-RAY EMISSION FROM THE SHOCKED STELLAR WIND OF PULSAR GAMMA-RAY BINARIES](#)
 Author(s): Zabalza V.; Bosch-Ramon V.; Paredes J. M.
 Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 1 Article Number: 7 DOI: 10.1088/0004-637X/743/1/7 Published: DEC 10 2011
IEEC/UB
 ♦ ESA: XMM-Newton
11. [HIGH-RESOLUTION OBSERVATIONS OF SIPHON FLOWS IN A SOLAR MAGNETIC PORE](#)
 Author(s): Guglielmino Salvo L.; Zuccarello Francesca
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 743 Issue: 1 Article Number: L9 DOI: 10.1088/2041-8205/743/1/L9 Published: DEC 10 2011
IAC/ Unv La Laguna
 ♦ ESA: Hinode

12. [Near-infrared atlas of S0-Sa galaxies \(NIRS0S\)](#)
 Author(s): Laurikainen E.; Salo H.; Buta R.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 3 Pages: 1452-1490 DOI: 10.1111/j.1365-2966.2011.19283.x Published: DEC 2011
- ◆ ORM: NOT/NOTCam; WHT/LIRIS, TNG/NICS
 - ◆ ESO (La Silla): NTT/SOFI
 - ◆ Otros: CTIO; KPNO; FLMN
13. [Ionized outflows in SDSS type 2 quasars at z similar to 0.3-0.6](#)
 Author(s): Villar-Martin M.; Humphrey A.; Gonzalez Delgado R.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 3 Pages: 2032-2042 DOI: 10.1111/j.1365-2966.2011.19622.x Published: DEC 2011
- IAA-CSIC/INTA/CSIC**
- ◆ ESO (Paranal): VLT/FORS2
14. [Three-dimensional spectroscopy of local luminous compact blue galaxies: kinematic maps of a sample of 22 objects](#)
 Author(s): Perez-Gallego J.; Guzman R.; Castillo-Morales A.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 4 Pages: 2350-2366 DOI: 10.1111/j.1365-2966.2011.19627.x Published: DEC 2011
- UCM/ Unv Florida**
- ◆ CAHA: 3.5m
 - ◆ Otros: SDSS
15. [The high-energy view of the broad-line radio galaxy 3C 111](#)
 Author(s): Ballo L.; Braitto V.; Reeves J. N.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 4 Pages: 2367-2380 DOI: 10.1111/j.1365-2966.2011.19629.x Published: DEC 2011
- IFCA-CSIC**
- ◆ ESA: XMM-Newton; Suzaku
16. [Testing the fragmentation limit in the Upper Sco association](#)
 Author(s): Lodieu N.; Hambly N. C.; Dobbie P. D.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 4 Pages: 2604-2617 DOI: 10.1111/j.1365-2966.2011.19651.x Published: DEC 2011
- IAC/ Unv La Laguna**
- ◆ ORM: INT/WFC
 - ◆ ESO (Paranal): VLT/X-Shooter
 - ◆ Otros: CFHT/WIRCam; UKIRT/WFCAM; SIMBAD database; 2MASS

17. [Planck early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources](#)
Author(s): Aatrokoski J.; Ade P. A. R.; Aghanim N.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A15 DOI: 10.1051/0004-6361/201116466 Published: DEC 2011
- ◆ ESA: Plank
 - ◆ ESO: APEX
 - ◆ IRAM: 30m
 - ◆ Otros: MPIfR-100m; VLA
18. [Planck early results. XXV. Thermal dust in nearby molecular clouds](#)
Author(s): Abergel A.; Ade P. A. R.; Aghanim N.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A25 DOI: 10.1051/0004-6361/201116483 Published: DEC 2011
- ◆ ESA: Plank/HFI
 - ◆ Otros: IRAS
19. [Planck early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo](#)
Author(s): Abergel A.; Ade P. A. R.; Aghanim N.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A24 DOI: 10.1051/0004-6361/201116485 Published: DEC 2011
- ◆ ESA: Plank
 - ◆ Otros: Green Bank Telescope; IRAS; GBT
20. [Planck early results. XXI. Properties of the interstellar medium in the Galactic plane](#)
Author(s): Abergel A.; Ade P. A. R.; Aghanim N.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A21 DOI: 10.1051/0004-6361/201116455 Published: DEC 2011
- ◆ ESA: Plank
 - ◆ Otros: IRAS; DIRBE
21. [Planck early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A11 DOI: 10.1051/0004-6361/201116458 Published: DEC 2011
- ◆ ESA: Plank; XMM-Newton
 - ◆ Otros: SIMBAD database; NED database

22. [Planck early results. XVIII. The power spectrum of cosmic infrared background anisotropies](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A18 DOI: 10.1051/0004-6361/201116461 Published: DEC 2011
◆ [ESA: Plank](#)
23. [Planck early results. IV. First assessment of the High Frequency Instrument in-flight performance](#)
Author(s): Ade P. A. R.; Aghanim N.; Ansari R.; et al.
Group Author(s): Planck HFI Core Team
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A4 DOI: 10.1051/0004-6361/201116487 Published: DEC 2011
◆ [ESA: Plank/HIFI](#)
24. [Planck early results. I. The Planck mission](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A1 DOI: 10.1051/0004-6361/201116464 Published: DEC 2011
◆ [ESA: Plank](#)
25. [Planck early results. XVI. The Planck view of nearby galaxies](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A16 DOI: 10.1051/0004-6361/201116454 Published: DEC 2011
◆ [ESA: Plank](#)
◆ Otros: NED database; 2MASS; SDSS
26. [Planck early results. XIX. All-sky temperature and dust optical depth from Planck and IRAS. Constraints on the "dark gas" in our Galaxy](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A19 DOI: 10.1051/0004-6361/201116479 Published: DEC 2011
◆ [ESA: Plank](#)
◆ Otros: CfA telescope; NANTEN Surrey; IRAS
27. [Planck early results. XIII. Statistical properties of extragalactic radio sources in the Planck Early Release Compact Source Catalogue](#)
Author(s): Ade P. A. R.; Aghanim N.; Argüeso F.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A13 DOI: 10.1051/0004-6361/201116471 Published: DEC 2011
◆ [ESA: Plank](#)
◆ Otros: SIMBAD database

28. [Planck early results. II. The thermal performance of Planck](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A2 DOI: 10.1051/0004-6361/201116486 Published: DEC 2011
◆ **ESA: Plank**
29. [Planck early results. XXIII. The first all-sky survey of Galactic cold clumps](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A23 DOI: 10.1051/0004-6361/201116472 Published: DEC 2011
◆ **ESA: Plank**
◆ Otros: IRAS
30. [Planck early results. VII. The Early Release Compact Source Catalogue](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A7 DOI: 10.1051/0004-6361/201116474 Published: DEC 2011
◆ **ESA: Plank**
31. [Planck early results. XXII. The submillimetre properties of a sample of Galactic cold clumps](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A22 DOI: 10.1051/0004-6361/201116481 Published: DEC 2011
◆ **ESA: Plank; Herschel; AKARI**
◆ Otros: SIMBAD database
32. [Planck early results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A17 DOI: 10.1051/0004-6361/201116473 Published: DEC 2011
◆ **ESA: Plank**
◆ Otros: IRAS; NANTEN telescope; ATCA; Parkes
33. [Planck early results. XX. New light on anomalous microwave emission from spinning dust grains](#)
Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
Group Author(s): Planck Collaboration
Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A20 DOI: 10.1051/0004-6361/201116470 Published: DEC 2011
◆ **ESA: Plank**
◆ **OT: COSMOSOMAS**

- ◆ Otros: SIMBAD database; NED database

- 34. [Planck early results. XIV. ERCSC validation and extreme radio sources](#)
 Author(s): Ade P. A. R.; Aghanim N.; Angelakis E.; et al.
 Group Author(s): Planck Collaboration
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A14 DOI: 10.1051/0004-6361/201116475 Published: DEC 2011
 - ◆ ESA: Plank
 - ◆ IRAM: 30m
 - ◆ Otros: MPIfR-100m; VLA; ATCA; NED database

- 35. [Planck early results. VI. The High Frequency Instrument data processing](#)
 Author(s): Ade P. A. R.; Aghanim N.; Ansari R.; et al.
 Group Author(s): Planck HFI Core Team
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A6 DOI: 10.1051/0004-6361/201116462 Published: DEC 2011
 - ◆ ESA: Plank/HFI

- 36. [Planck early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample](#)
 Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.
 Group Author(s): Planck Collaboration
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A8 DOI: 10.1051/0004-6361/201116459 Published: DEC 2011
 - ◆ ESA: Plank; XMM-Newton; Suzaku
 - ◆ ESO (La Silla): MPG 2.2m
 - ◆ Otros: ROSAT; Chandra; NED, SIMBAD and BAX databases

- 37. [Planck early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations](#)
 Author(s): Aghanim N.; Arnaud M.; Ashdown M.; et al.
 Group Author(s): Planck Collaboration
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A12 DOI: 10.1051/0004-6361/201116489 Published: DEC 2011
 - ◆ ESA: Plank

- 38. [Planck early results. IX. XMM-Newton follow-up for validation of Planck cluster candidates](#)
 Author(s): Aghanim N.; Arnaud M.; Ashdown M.; et al.
 Group Author(s): Planck Collaboration
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A9 DOI: 10.1051/0004-6361/201116460 Published: DEC 2011
 - ◆ ESA: Plank; XMM-Newton
 - ◆ ESO (La Silla): NTT/EMMI
 - ◆ OT: IAC-80/CAMELOT
 - ◆ Otros: NED, SIMBAD and BAX databases

39. [Planck early results. XXVI. Detection with Planck and confirmation by XMM-Newton of PLCK G266.6-27.3, an exceptionally X-ray luminous and massive galaxy cluster at z similar to 1](#)
 Author(s): Aghanim N.; Arnaud M.; Ashdown M.; et al.
 Group Author(s): Planck Collaboration
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A26 DOI: 10.1051/0004-6361/201117430 Published: DEC 2011
- ◆ ESA: **Planck; XMM-Newton**
 - ◆ Otros: NED, SIMBAD and BAX databases
40. [Planck early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters](#)
 Author(s): Aghanim N.; Arnaud M.; Ashdown M.; et al.
 Group Author(s): Planck Collaboration
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A10 DOI: 10.1051/0004-6361/201116457 Published: DEC 2011
- ◆ ESA: **Planck**
 - ◆ Otros: BAX databases
41. [Spectroscopy of very low mass stars and brown dwarfs in the Lambda Orionis star forming region I. Enlarging the census down to the planetary mass domain in Collinder 69](#)
 Author(s): Bayo A.; Barrado D.; Stauffer J.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A63 DOI: 10.1051/0004-6361/201116617 Published: DEC 2011
- INTA-CSIC**
- ◆ CAHA: 2.2m/CAFOS, 3.5m/TWIN
 - ◆ ESO (Paranal): VLT/FLAMES
 - ◆ ESO (La Silla): NTT/SOFI
 - ◆ Otros: Magellan; Keck
42. [COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses](#)
 Author(s): Courbin F.; Chantry V.; Revaz Y.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A53 DOI: 10.1051/0004-6361/201015709 Published: DEC 2011
- ◆ ESA: **Hubble**
 - ◆ ORM: **Mercator**
 - ◆ Otros: 1.2 m Euler Swiss Telescope; 1.5 m telescope of Maidanak Observatory
43. [Herschel discovery of a new class of cold, faint debris discs](#)
 Author(s): Eiroa C.; Marshall J. P.; Mora A.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: L4 DOI: 10.1051/0004-6361/201117797 Published: DEC 2011
- UAM**
- ◆ ESA: **Herschel**

44. [Internal dynamics of Abell 2254: a merging galaxy cluster with a clumpy, diffuse radio emission](#)
 Author(s): Girardi M.; Bardelli S.; Barrena R.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A89 DOI: 10.1051/0004-6361/201117332 Published: DEC 2011
 ♦ ESA: XMM-Newton
 ♦ ORM: INT; TNG
45. [Post common envelope binaries from SDSS XII. The orbital period distribution](#)
 Author(s): Gomez-Moran A. Nebot; Gaensicke B. T.; Schreiber M. R.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A43 DOI: 10.1051/0004-6361/201117514 Published: DEC 2011
 ♦ ESO (Paranal): VLT/FORS2
 ♦ ESO (La Silla): NTT/EMI/EFOSC2
 ♦ ORM: WHT
 ♦ OT: IAC-80
 ♦ CAHA: 2.2m/CAFOS; 3.5m/TWIN/MOSCA
 ♦ Otros: Gemini; Clay; Baade; DuPont; SDSS
46. [Quasi-periodic flares in EXO2030+375 observed with INTEGRAL](#)
 Author(s): Klochkov D.; Ferrigno C.; Santangelo A.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: L8 DOI: 10.1051/0004-6361/201118185 Published: DEC 2011
 ♦ ESA: INTEGRAL
47. [Planck early results. III. First assessment of the Low Frequency Instrument in-flight performance](#)
 Author(s): Mennella A.; Bersanelli M.; Butler R. C.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A3 DOI: 10.1051/0004-6361/201116480 Published: DEC 2011
 ♦ ESA: Plank
48. [First detection of hydrogen isocyanide \(HNC\) in Titan's atmosphere](#)
 Author(s): Moreno R.; Lellouch E.; Lara L. M.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: L12 DOI: 10.1051/0004-6361/201118189 Published: DEC 2011
 ♦ ESA: Herschel
49. [The XMM-Newton view of the eclipse and dips of the dwarf nova Z Chamaleontis](#)
 Author(s): Nucita A. A.; Kuulkers E.; Maiolo B. M. T.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A75 DOI: 10.1051/0004-6361/201117572 Published: DEC 2011
 ♦ ESA: XMM-Newton

50. [Detection of transit timing variations in excess of one hour in the Kepler multi-planet candidate system KOI 806 with the GTC](#)
 Author(s): Tingley B.; Palte E.; Parviainen H.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: L9 DOI: 10.1051/0004-6361/201118264 Published: DEC 2011
IAC/ Unv La Laguna
 ♦ GTC/OSIRIS
 ♦ ORM: NOT/ALFOSC
 ♦ Otros: Kepler
51. [The red-sequence of 72 WINGS local galaxy clusters](#)
 Author(s): Valentinuzzi T.; Poggianti B. M.; Fasano G.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A34 DOI: 10.1051/0004-6361/201117522 Published: DEC 2011
 ♦ ORM: INT/WFC (WINGS); WHT/AF2 (WINGS)
 ♦ ESO (La Silla): MPG 2.2m/WFI (WINGS)
 ♦ Otros: UKIRT; ATT; NED database
52. [Planck early results. V. The Low Frequency Instrument data processing](#)
 Author(s): Zacchei A.; Maino D.; Baccigalupi C.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A5 DOI: 10.1051/0004-6361/201116484 Published: DEC 2011
 ♦ ESA: Plank
53. [CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY](#)
 Author(s): Grogin Norman A.; Kocevski Dale D.; Faber S. M.; et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197 Issue: 2 Article Number: 35 DOI: 10.1088/0067-0049/197/2/35 Published: DEC 2011
 ♦ ESA: Hubble/WFC3
54. [CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY-THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS](#)
 Author(s): Koekemoer Anton M.; Faber S. M.; Ferguson Henry C.; et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197 Issue: 2 Article Number: 36 DOI: 10.1088/0067-0049/197/2/36 Published: DEC 2011
 ♦ ESA: Hubble/WFC3/ACS
55. [SWIFT X-RAY OBSERVATIONS OF CLASSICAL NOVAE. II. THE SUPER SOFT SOURCE SAMPLE](#)
 Author(s): Schwarz Greg J.; Ness Jan-Uwe; Osborne J. P.; et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197 Issue: 2 Article Number: 31 DOI: 10.1088/0067-0049/197/2/31 Published: DEC 2011
 ♦ ESA: XMM-Newton

- ◆ Otros: Swift; AAVSO, CTIO, 1.3m; CTIO,1.5m; Bok(B&C spectrograph); Spitzer(IRS); ROSAT, Chandra, BeppoSAX, RXTE, and ASCA archives.
56. [WIDE-FIELD PRECISION KINEMATICS OF THE M87 GLOBULAR CLUSTER SYSTEM](#)
 Author(s): Strader Jay; Romanowsky Aaron J.; Brodie Jean P.; et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197
 Issue: 2 Article Number: 33 DOI: 10.1088/0067-0049/197/2/33 Published:
 DEC 2011
- ◆ [ESA: Hubble](#)
 - ◆ Otros: Keck; MMT; Subaru
57. [A STUDY OF GRAVITATIONAL LENS CHROMATICITY WITH THE HUBBLE SPACE TELESCOPE](#)
 Author(s): Muñoz J. A.; Mediavilla E.; Kochanek C. S.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article
 Number: 67 DOI: 10.1088/0004-637X/742/2/67 Published: DEC 1 2011
- ◆ [ESA: Hubble](#)
58. [DISSECTING PHOTOMETRIC REDSHIFT FOR ACTIVE GALACTIC NUCLEUS USING XMM- AND CHANDRA-COSMOS SAMPLES](#)
 Author(s): Salvato M.; Ilbert O.; Hasinger G.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article
 Number: 61 DOI: 10.1088/0004-637X/742/2/61 Published: DEC 1 2011
- ◆ [ESA: Hubble; XMM-Newton](#)
 - ◆ [ESO \(Paranal\): VLT/VIMOS](#)
 - ◆ Otros: Chandra; Spitzer; CXO; Sloan; Keck II; Subaru
59. [GALAXY STRUCTURE AND MODE OF STAR FORMATION IN THE SFR-MASS PLANE FROM \$z\$ similar to 2.5 TO \$z\$ similar to 0.1](#)
 Author(s): Wuyts Stijn; Schreiber Natascha M. Forster; van der Wel Arjen; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article
 Number: 96 DOI: 10.1088/0004-637X/742/2/96 Published: DEC 1 2011
- ◆ [ESA: Hubble](#)
 - ◆ Otros: SDSS; GALEX;
60. [THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE \(CLASH\): STRONG-LENSING ANALYSIS OF A383 FROM 16-BAND HST/WFC3/ACS IMAGING](#)
 Author(s): Zitrin A.; Broadhurst T.; Coe D.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article
 Number: 117 DOI: 10.1088/0004-637X/742/2/117 Published: DEC 1 2011
- ◆ [ESA: Hubble](#)
 - ◆ Otros: Subaru

61. [OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE](#)
 Author(s): Aleksic J.; Alvarez E. A.; Antonelli L. A.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 43 DOI: 10.1088/0004-637X/742/1/43 Published: NOV 20 2011
IFAE
 ♦ **ORM: MAGIC**
 ♦ Otros: Fermi-LAT
62. [THE MASSIVE PROGENITOR OF THE POSSIBLE TYPE II-LINEAR SUPERNOVA 2009hd IN MESSIER 66](#)
 Author(s): Elias-Rosa Nancy; Van Dyk Schuyler D.; Li Weidong; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 6 DOI: 10.1088/0004-637X/742/1/6 Published: NOV 20 2011
IIEC-CSIC
 ♦ **ESA: Hubble/WFPC2/ACS**
 ♦ **ORM: LT/RATCam; NOT/ALFOSC**
 ♦ Otros: CTIO:1.3m (SMARTS); PO:1.5m, Hale (TripleSpec); Magellan:Baade (IMACS), Magellan:Clay (MagE), Keck:II (DEIMOS)
63. [A MODEL ATMOSPHERE ANALYSIS OF ALPHA AURIGAE A](#)
 Author(s): Fuhrmann Klaus
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 42 DOI: 10.1088/0004-637X/742/1/42 Published: NOV 20 2011
ING
 ♦ **CAHA: 2.2m/FOCES**
64. [HERSCHEL-ATLAS GALAXY COUNTS AND HIGH-REDSHIFT LUMINOSITY FUNCTIONS: THE FORMATION OF MASSIVE EARLY-TYPE GALAXIES](#)
 Author(s): Lapi A.; Gonzalez-Nuevo J.; Fan L.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 24 DOI: 10.1088/0004-637X/742/1/24 Published: NOV 20 2011
 ♦ **ESA: Herschel**
65. [DUST PROPERTIES AND DISK STRUCTURE OF EVOLVED PROTOPLANETARY DISKS IN Cep OB2: GRAIN GROWTH, SETTLING, GAS AND DUST MASS, AND INSIDE-OUT EVOLUTION](#)
 Author(s): Sicilia-Aguilar Aurora; Henning Thomas; Dullemond Cornelis P.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 39 DOI: 10.1088/0004-637X/742/1/39 Published: NOV 20 2011
UAM
 ♦ **IRAM: 30m**
 ♦ Otros: Spitzer

66. [A THIRD MASSIVE STAR COMPONENT IN THE \$\sigma\$ ORIONIS AB SYSTEM](#)
Author(s): Simon-Diaz S.; Caballero J. A.; Lorenzo J.
Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 55 DOI: 10.1088/0004-637X/742/1/55 Published: NOV 20 2011
IAC/ Unv La Laguna
◆ **ORM: NOT**
67. [THE 5 hr PULSE PERIOD AND BROADBAND SPECTRUM OF THE SYMBIOTIC X-RAY BINARY 3A 1954+319](#)
Author(s): Marcu Diana M.; Fuerst Felix; Pottschmidt Katja; et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 742 Issue: 1 Article Number: L11 DOI: 10.1088/2041-8205/742/1/L11 Published: NOV 20 2011
◆ **ESA: INTEGRAL**
◆ Otros: Swift
68. [XMM-NEWTON OBSERVATIONS OF THE DWARF NOVA RU Peg IN QUIESCENCE: PROBE OF THE BOUNDARY LAYER](#)
Author(s): Balman Solen; Godon Patrick; Sion Edward M.; et al.
Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 2 Article Number: 84 DOI: 10.1088/0004-637X/741/2/84 Published: NOV 10 2011
◆ **ESA: XMM-Newton**
69. [TrES-5: A MASSIVE JUPITER-SIZED PLANET TRANSITING A COOL G DWARF](#)
Author(s): Mandushev Georgi; Quinn Samuel N.; Buchhave Lars A.; et al.
Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 2 Article Number: 114 DOI: 10.1088/0004-637X/741/2/114 Published: NOV 10 2011
◆ **OT: STARE telescope**
◆ Otros: PSST; 2MASS
70. [OPTICAL DISCOVERY OF PROBABLE STELLAR TIDAL DISRUPTION FLARES](#)
Author(s): van Velzen Sjoert; Farrar Glennys R.; Gezari Suvu; et al.
Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 2 Article Number: 73 DOI: 10.1088/0004-637X/741/2/73 Published: NOV 10 2011
◆ **ESO (La Silla): NTT**
◆ **ORM: WHT**
◆ Otros: GALEX; SDSS; Magellan Telescopes
71. [HERSCHEL OBSERVATIONS OF THE T CHA TRANSITION DISK: CONSTRAINING THE OUTER DISK PROPERTIES](#)
Author(s): Cieza Lucas A.; Olofsson Johan; Harvey Paul M.; et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 741 Issue: 2 Article Number: L25 DOI: 10.1088/2041-8205/741/2/L25 Published: NOV 10 2011
◆ **ESA: Herschel**
◆ Otros: Spitzer; ATCA; ESO 50 cm; 2MASS

72. [A new alpha-enhanced super-solar metallicity population](#)
 Author(s): Adibekyan V. Zh.; Santos N. C.; Sousa S. G.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 L11 DOI: 10.1051/0004-6361/201118240 Published: NOV 2011
 ♦ ESO (La Silla): 3.6m/HARPS
73. [A lambda=1.3 mm and 2 mm molecular line survey towards M 82](#)
 Author(s): Aladro R.; Martin S.; Martin-Pintado J.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A84 DOI: 10.1051/0004-6361/201117397 Published: NOV 2011
IRAM
 ♦ IRAM: 30m
74. [Stray-light contamination and spatial deconvolution of slit-spectrograph observations](#)
 Author(s): Beck C.; Rezaei R.; Fabbian D.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A129 DOI: 10.1051/0004-6361/201015702 Published: NOV 2011
IAC/ Unv La Laguna
 ♦ OT: VTT
75. [Chemical abundance analysis of the open clusters Berkeley 32, NGC 752, Hyades, and Praesepe](#)
 Author(s): Carrera R.; Pancino E.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A30 DOI: 10.1051/0004-6361/201117473 Published: NOV 2011
IAC/ Unv La Laguna
 ♦ CAHA: 2.2m/FOCES
 ♦ Otros: 2MASS survey and the WEBDA, VALD, NIST, and GEISA online database.
76. [The bimodality of the 10k zCOSMOS-bright galaxies up to z similar to 1: a new statistical and portable classification based on optical galaxy properties](#)
 Author(s): Coppa G.; Mignoli M.; Zamorani G.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A10 DOI: 10.1051/0004-6361/201016130 Published: NOV 2011
 ♦ ESO (Paranal): VLT
 ♦ ESA: Hubble
 ♦ Otros: Subaru; telescopes of the National Optical Astronomy Observatory; CFHT
77. [Study of the many fluorescent lines and the absorption variability in GX 301-2 with XMM-Newton](#)
 Author(s): Fuerst F.; Suchy S.; Kreykenbohm I.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A9 DOI: 10.1051/0004-6361/201117665 Published: NOV 2011
 ♦ ESA: XMM-Newton

78. [The low-metallicity QSO HE 2158-0107: a massive galaxy growing by accretion of nearly pristine gas from its environment?](#)
 Author(s): Husemann B.; Wisotzki L.; Jahnke K.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A72 DOI: 10.1051/0004-6361/201117596 Published: NOV 2011
- ◆ CAHA: 3.5m/PMAS
 - ◆ Otros: NED database
79. [GOODS-Herschel: the impact of galaxy-galaxy interactions on the far-infrared properties of galaxies](#)
 Author(s): Hwang H. S.; Elbaz D.; Dickinson M.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A60 DOI: 10.1051/0004-6361/201117476 Published: NOV 2011
- ◆ ESA: Herschel; AKARI
 - ◆ Otros: SDSS
80. [Black hole accretion and host galaxies of obscured quasars in XMM-COSMOS](#)
 Author(s): Mainieri V.; Bongiorno A.; Merloni A.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A80 DOI: 10.1051/0004-6361/201117259 Published: NOV 2011
- ◆ ESA: XMM-Newton; Hubble
 - ◆ ESO (Paranal). VLT/VIMOS
 - ◆ Otros: Magellan Telescope; Subaru
81. [VLBI observations of SN2011dh: imaging of the youngest radio supernova](#)
 Author(s): Marti-Vidal I.; Tudose V.; Paragi Z.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: L10 DOI: 10.1051/0004-6361/201118195 Published: NOV 2011
- ◆ Yebes: 40m (EVN)
82. [Accretion rates and accretion tracers of Herbig Ae/Be stars](#)
 Author(s): Mendigutia I.; Calvet N.; Montesinos B.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A99 DOI: 10.1051/0004-6361/201117444 Published: NOV 2011
- ◆ ORM: NOT/TurPol (datos ya publicados)
 - ◆ Otros: NED database
83. [L-band spectroscopy of Galactic OB-stars](#)
 Author(s): Najarro F.; Hanson M. M.; Puls J.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A32 DOI: 10.1051/0004-6361/201016003 Published: NOV 2011
CAB (CSIC-INTA)
- ◆ ESO (Paranal): VLT/ISAAC
 - ◆ ORM: WHT; INT (datos cedidos)
 - ◆ Otros: IRTF

84. [The X-ray emission of local luminous infrared galaxies](#)
 Author(s): Pereira-Santaella M.; Alonso-Herrero A.; Santos-Lleo M.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A93 DOI: 10.1051/0004-6361/201117420 Published: NOV 2011
CAB (CSIC-INTA)
 ♦ **ESA: XMM-Newton**
 ♦ Otros: Chandra; NED database
85. [Near-infrared study of the stellar population of Sh2-152](#)
 Author(s): Ramirez Alegria S.; Herrero A.; Marin-Franch A.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A8 DOI: 10.1051/0004-6361/201016427 Published: NOV 2011
IAC/ Unv La Laguna
 ♦ **ORM: WHT/LIRIS; NOT/FIES**
 ♦ Otros: 2MASS
86. [SuperWASP observations of pulsating Am stars](#)
 Author(s): Smalley B.; Kurtz D. W.; Smith A. M. S.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A3 DOI: 10.1051/0004-6361/201117230 Published: NOV 2011
 ♦ **ORM: WASP-North**
 ♦ Otros: WASP-South; SIMBAD database; MAST
87. [GRB 091127/SN 2009nz and the VLT/X-shooter spectroscopy of its host galaxy: probing the faint end of the mass-metallicity relation](#)
 Author(s): Vergani S. D.; Flores H.; Covino S.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A127 DOI: 10.1051/0004-6361/201117726 Published: NOV 2011
 ♦ **ESO (Paranal): VLT/X-Shooter**
 ♦ **ESO: APEX/LABOCA**
 ♦ **ESA: Hubble**
 ♦ **GTC**
 ♦ **CAHA: 1.23m; 3.5m**
 ♦ **ORM: NOT; TNG**
 ♦ Otros: Swift; REM; OSN
88. [Carbon isotopic abundance ratios in S-type stars](#)
 Author(s): Wallerstein G.; Balick B.; Alcolea J.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:
 A101 DOI: 10.1051/0004-6361/201015280 Published: NOV 2011
 ♦ **IRAM: 30m**
89. [Diffracto-Astrometry Measurements: Accuracy of the Measuring Algorithm](#)
 Author(s): Ruelas-Mayorga A.; Sanchez L. J.; Olivares J.; et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE
 PACIFIC Volume: 123 Issue: 909 Pages: 1290-1301 DOI: 10.1086/662952
 Published: NOV 2011
 ♦ Teórico
 ♦ **ESA: Hubble**

90. [The XMM Cluster Survey: X-ray analysis methodology](#)
 Author(s): Lloyd-Davies E. J.; Romer A. Kathy; Mehrrens Nicola; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 1 Pages: 14-53 DOI: 10.1111/j.1365-2966.2011.19117.x Published: NOV 2011
- ◆ ESA: XMM-Newton
 - ◆ Otros: NED AND BAX databases
91. [Spectroscopy of the archetype colliding-wind binary WR 140 during the 2009 January periastron passage](#)
 Author(s): Fahed R.; Moffat A. F. J.; Zorec J.; et al.
 Group Author(s): Mons Pro-Am Collaboration
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 1 Pages: 2-13 DOI: 10.1111/j.1365-2966.2011.19035.x Published: NOV 201
- ◆ OT : MONS
 - ◆ Otros : OHP/193 cm ; DAO/120 cm; OMM/160 cm; Three Hills Obs.
92. [Emission geometry, radiation pattern and magnetic topology of the magnetar XTE J1810-197 in its quiescent state](#)
 Author(s): Bernardini F.; Perna R.; Gotthelf E. V.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 1 Pages: 638-647 DOI: 10.1111/j.1365-2966.2011.19513.x Published: NOV 2011
- ◆ ESA: XMM-Newton
93. [The environment and characteristics of low-redshift galaxies detected by the Herschel-ATLAS](#)
 Author(s): Dariush A.; Cortese L.; Eales S.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 1 Pages: 64-73 DOI: 10.1111/j.1365-2966.2011.19340.x Published: NOV 2011
- ◆ ESA: Herschel
 - ◆ Otros: Sloan (SDSS); UKIRT
94. [Narrow-line Seyfert 1 galaxies at hard X-rays](#)
 Author(s): Panessa F.; De Rosa A.; Bassani L.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 4 Pages: 2426-2439 DOI: 10.1111/j.1365-2966.2011.19268.x Published: NOV 2011
- ◆ ESA: XMM-Newton; INTEGRAL/IBIS
 - ◆ Otros: Swift/XRT

95. [The martian mesosphere as revealed by CO\(2\) cloud observations and General Circulation Modeling](#)
 Author(s): Gonzalez-Galindo Francisco; Maattanen Anni; Forget Francois; et al.
 Source: ICARUS Volume: 216 Issue: 1 Pages: 10-22 DOI: 10.1016/j.icarus.2011.08.006 Published: NOV 2011
IAA-CSIC
 ♦ **ESA: Mars-Express/OMEGA/HRSC/SPICAM**
 ♦ Otros: Mars Odyssey/THEMIS
96. [Age and metallicity gradients in early-type galaxies: a dwarf-to-giant sequence](#)
 Author(s): Koleva Mina; Prugniel Philippe; De Rijcke Sven; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 1643-1671 DOI: 10.1111/j.1365-2966.2011.19057.x Published: NOV 2011
IAC/ Unv La Laguna
 ♦ **ESO (Paranal): VLT/FORS1/FORS2**
 ♦ **ORM: WHT/ISIS**
 ♦ Otros: OHP; Gemini
97. [The SAURON project - XIX. Optical and near-infrared scaling relations of nearby elliptical, lenticular and Sa galaxies](#)
 Author(s): Falcon-Barroso J.; van de Ven G.; Peletier R. F.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 1787-1816 DOI: 10.1111/j.1365-2966.2011.19372.x Published: NOV 2011
IAC/ Unv La Laguna
 ♦ **ORM: WHT**
 ♦ Otros: 1.3m McGraw-Hill Telescope; Spitzer
98. [The effect of the environment on the gas kinematics and the structure of distant galaxies](#)
 Author(s): Jaffe Yara L.; Aragon-Salamanca Alfonso; Kuntschner Harald; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 1996-2019 DOI: 10.1111/j.1365-2966.2011.19384.x Published: NOV 2011
 ♦ **ESO (Paranal): VLT/FORS2**
 ♦ **ESO (La Silla): NTT/SOFI**
99. [Herschel/HerMES: the X-ray-infrared correlation for star-forming galaxies at z similar to 1](#)
 Author(s): Symeonidis M.; Georgakakis A.; Seymour N.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 2239-2252 DOI: 10.1111/j.1365-2966.2011.19405.x Published: NOV 2011
 ♦ **ESA: Herschel**

100. [THICK DISKS OF EDGE-ON GALAXIES SEEN THROUGH THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES \(S\(4\)G\): LAIR OF MISSING BARYONS?](#)
 Author(s): Comerón Sebastien; Elmegreen Bruce G.; Knapen Johan H.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 1 Article Number: 28 DOI: 10.1088/0004-637X/741/1/28 Published: NOV 1 2011
 ♦ **ESA: Hubble**
 ♦ Otros: Spitzer; SDSS; NED database
101. [A NEARBY GAMMA-RAY BURST HOST PROTOTYPE FOR \$z\$ similar to 7 LYMAN-BREAK GALAXIES: SPITZER-IRS AND X-SHOOTER SPECTROSCOPY OF THE HOST GALAXY OF GRB 031203](#)
 Author(s): Watson D.; French J.; Christensen L.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 1 Article Number: 58 DOI: 10.1088/0004-637X/741/1/58 Published: NOV 1 2011
 ♦ **ESO (Paranal): VLT/X-Shooter**
 ♦ **ESO: APEX**
 ♦ Otros: ATCA; Spitzer
102. [RESONANT STRUCTURE IN THE DISKS OF SPIRAL GALAXIES, USING PHASE REVERSALS IN STREAMING MOTIONS FROM TWO-DIMENSIONAL H \$\alpha\$ FABRY-PEROT SPECTROSCOPY](#)
 Author(s): Font Joan; Beckman John E.; Epinat Benoit; et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 741 Issue: 1 Article Number: L14 DOI: 10.1088/2041-8205/741/1/L14 Published: NOV 1 2011
IAC/ Unv La Laguna
 ♦ **ORM: WHT**
 ♦ Otros: OHT; VLA
103. [CLOSE TO THE DREDGE: PRECISE X-RAY C AND N ABUNDANCES IN \$\lambda\$ ANDROMEDA AND ITS PRECOCIOUS RED GIANT BRANCH MIXING PROBLEM](#)
 Author(s): Drake Jeremy J.; Ball B.; Eldridge John J.; et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 5 Article Number: 144 DOI: 10.1088/0004-6256/142/5/144 Published: NOV 2011
IAC/ Unv La Laguna
 ♦ **ESA: XMM-Newton**
 ♦ Otros: Chandra
104. [THE OUTER DISKS OF EARLY-TYPE GALAXIES. II. SURFACE-BRIGHTNESS PROFILES OF UNBARRED GALAXIES AND TRENDS WITH HUBBLE TYPE](#)
 Author(s): Gutierrez Leonel; Erwin Peter; Aladro Rebeca; et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 5 Article Number: 145 DOI: 10.1088/0004-6256/142/5/145 Published: NOV 2011
IAC/ Unv La Laguna
 ♦ **ORM: INT/WFC; JKT**

- ◆ Otros: SDSS

- 105. [FURTHER RESULTS FROM THE GALACTIC O-STAR SPECTROSCOPIC SURVEY: RAPIDLY ROTATING LATE ON GIANTS](#)
 Author(s): Walborn Nolan R.; Maiz Apellaniz Jesus; Sota Alfredo; et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 5 Article Number: 150 DOI: 10.1088/0004-6256/142/5/150 Published: NOV 2011
 - ◆ CAHA: 3.5m (GOSS Survey)
 - ◆ Otros: OSN; Las Campanas

- 106. [GAS AND DUST IN A SUBMILLIMETER GALAXY AT \$z=4.24\$ FROM THE HERSCHEL ATLAS](#)
 Author(s): Cox P.; Krips M.; Neri R.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 2 Article Number: 63 DOI: 10.1088/0004-637X/740/2/63 Published: OCT 20 2011
 - ◆ ESA: Herschel/SPIRE
 - ◆ IRAM: 30m; PdBI
 - ◆ ESO: APEX
 - ◆ Otros: SMA

- 107. [A MORE GENERAL MODEL FOR THE INTRINSIC SCATTER IN TYPE Ia SUPERNOVA DISTANCE MODULI](#)
 Author(s): Marriner John; Bernstein J. P.; Kessler Richard; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 2 Article Number: 72 DOI: 10.1088/0004-637X/740/2/72 Published: OCT 20 2011
 - ◆ ORM: WHT; NOT; TNG
 - ◆ ESO (La Silla): NTT
 - ◆ Otros: SDSS; APO 3.5m; Subaru; SALT

- 108. [IS SGR 0418+5729 INDEED A WANING MAGNETAR?](#)
 Author(s): Turolla R.; Zane S.; Pons J. A.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 2 Article Number: 105 DOI: 10.1088/0004-637X/740/2/105 Published: OCT 20 2011
 - ◆ ESA: XMM-Newton
 - ◆ Otros: Swift

- 109. [The Type IIP SN 2007od in UGC 12846: from a bright maximum to dust formation in the nebular phase](#)
 Author(s): Inserra C.; Turatto M.; Pastorello A.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: 261-279 DOI: 10.1111/j.1365-2966.2011.19128.x Published: OCT 2011
 - ◆ ORM: NOT; LT; TNG
 - ◆ CAHA: 2.2m
 - ◆ Otros: REMM; Swift; Copernico Telescope; NED database

110. [Star formation in a stellar mass-selected sample of galaxies to \$z=3\$ from the GOODS-NICMOS Survey](#)
Author(s): Bauer A. E.; Conselice C. J.; Perez-Gonzalez P. G.; et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: 289-303 DOI: 10.1111/j.1365-2966.2011.19240.x Published: OCT 2011
- ◆ **ESA: Hubble/NICMOS NIC3/ ACS**
 - ◆ Otros: Spitzer
111. [A mid-infrared imaging catalogue of post-asymptotic giant branch stars](#)
Author(s): Lagadec Eric; Verhoelst Tijn; Mekarnia Djamel; et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: 32-92 DOI: 10.1111/j.1365-2966.2011.18557.x Published: OCT 2011
- ◆ **ESO (Paranal): VLT/VISIR**
 - ◆ Otros: Gemini
112. [Creation of cosmic structure in the complex galaxy cluster merger Abell 2744](#)
Author(s): Merten J.; Coe D.; Dupke R.; et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: 333-347 DOI: 10.1111/j.1365-2966.2011.19266.x Published: OCT 2011
- ◆ **ESA: Hubble/ACS**
 - ◆ Otros: Chandra
113. [Integral field spectroscopy of selected areas of the Bright bar and Orion-S cloud in the Orion nebula](#)
Author(s): Mesa-Delgado A.; Nunez-Diaz M.; Esteban C.; et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: 420-433 DOI: 10.1111/j.1365-2966.2011.19278.x Published: OCT 2011
IAC/ Unv La Laguna
- ◆ **CAHA: 3.5m/PMAS**
114. [Resolving the nuclear dust distribution of the Seyfert 2 galaxy NGC 3081](#)
Author(s): Almeida C. Ramos; Sanchez-Portal M.; Perez Garcia A. M.; et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: L46-L50 DOI: 10.1111/j.1745-3933.2011.01117.x Published: OCT 2011
- ◆ **ESA: Herschel**
115. [PG 1211+143: probing high-frequency lags in a high-mass active galactic nucleus](#)
Author(s): De Marco B.; Ponti G.; Uttley P.; et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: L98-L102 DOI: 10.1111/j.1745-3933.2011.01129.x Published: OCT 2011
- ◆ **ESA: XMM-Newton**

116. [A lower mass for the exoplanet WASP-21b](#)
 Author(s): Barros S. C. C.; Pollacco D. L.; Gibson N. P.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 4 Pages: 2593-2599 DOI: 10.1111/j.1365-2966.2011.19210.x Published: OCT 2011
 ♦ ORM: LT/RISE
117. [The nature of X-ray-absorbed quasi-stellar objects](#)
 Author(s): Page M. J.; Carrera F. J.; Stevens J. A.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 4 Pages: 2792-2801 DOI: 10.1111/j.1365-2966.2011.19226.x Published: OCT 2011
 ♦ ESA: XMM-Newton
 ♦ ORM: WHT
 ♦ ESO (La Silla): 3.6m/EFOSC2
118. [XRF 100316D/SN 2010bh AND THE NATURE OF GAMMA-RAY BURST SUPERNOVAE](#)
 Author(s): Cano Z.; Bersier D.; Guidorzi C.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 1 Article Number: 41 DOI: 10.1088/0004-637X/740/1/41 Published: OCT 10 2011
 ♦ ESA: Hubble
 ♦ Otros: Faulkes Telescope South (FTS); Gemini-South
119. [COMPLEX STRUCTURE IN CLASS 0 PROTOSTELLAR ENVELOPES. II. KINEMATIC STRUCTURE FROM SINGLE-DISH AND INTERFEROMETRIC MOLECULAR LINE MAPPING](#)
 Author(s): Tobin John J.; Hartmann Lee; Chiang Hsin-Fang; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 1 Article Number: 45 DOI: 10.1088/0004-637X/740/1/45 Published: OCT 10 2011
 ♦ IRAM: 30m; PdBI
 ♦ Otros: CARMA
120. [STAR FORMATION RATES AND STELLAR MASSES OF H alpha SELECTED STAR-FORMING GALAXIES AT z=0.84: A QUANTIFICATION OF THE DOWNSIZING](#)
 Author(s): Villar Victor; Gallego Jesus; Perez-Gonzalez Pablo G.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 1 Article Number: 47 DOI: 10.1088/0004-637X/740/1/47 Published: OCT 10 2011
 UCM
 ♦ CAHA: 3.5m/OMEGA2000
 ♦ Otros: Galex; Spitzer; Subaru
121. [NEAR-INFRARED LINEAR POLARIZATION OF ULTRACOOL DWARFS](#)
 Author(s): Zapatero Osorio M. R.; Bejar V. J. S.; Goldman B.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 1 Article Number: 4 DOI: 10.1088/0004-637X/740/1/4 Published: OCT 10 2011
 CAB (CSIC-INTA)

- ◆ ORM: WHT/LIRIS
 - ◆ Otros: Spitzer
122. [EURONEAR-Recovery, follow-up and discovery of NEAs and MBAs using large field 1-2 m telescopes](#)
 Author(s): Vaduvescu O.; Birlan M.; Tudorica A.; et al.
 Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 13 Pages: 1632-1646 DOI: 10.1016/j.pss.2011.07.014 Published: OCT 2011
ING
- ◆ ESO (La Silla): MPG 2.2m
 - ◆ ORM: INT
 - ◆ Otros: Swope 1 m in Las Campanas
123. [DUST HEATING SOURCES IN GALAXIES: THE CASE OF M33 \(HERM33ES\)](#)
 Author(s): Boquien M.; Calzetti D.; Combes F.; et al.
 Group Author(s): HERM33ES Team
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 4 Article Number: 111 DOI: 10.1088/0004-6256/142/4/111 Published: OCT 2011
- ◆ ESA: Herschel
 - ◆ Otros: Spitzer; Galex; NED database
124. [THE GALACTIC CENTER IN THE FAR-INFRARED](#)
 Author(s): Etxaluze M.; Smith Howard A.; Tolls V.; et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 4 Article Number: 134 DOI: 10.1088/0004-6256/142/4/134 Published: OCT 2011
- ◆ ESA: Herschel
125. [A SEARCH FOR WATER VAPORIZATION ON CERES](#)
 Author(s): Rousselot P.; Jehin E.; Manfroid J.; et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 4 Article Number: 125 DOI: 10.1088/0004-6256/142/4/125 Published: OCT 2011
- ◆ ESO (Paranal). VLT/UVES
126. [Thermal emission from WASP-33b, the hottest known planet](#)
 Author(s): Smith A. M. S.; Anderson D. R.; Skillen I.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 3 Pages: 2096-2101 DOI: 10.1111/j.1365-2966.2011.19187.x Published: SEP 2011
- ◆ ORM: WHT
127. [Atmospheric optical turbulence at the Roque de los Muchachos Observatory: data base and recalibration of the generalized SCIDAR data](#)
 Author(s): Garcia-Lorenzo B.; Fuensalida J. J.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 3 Pages: 2123-2129 DOI: 10.1111/j.1365-2966.2011.19186.x Published: SEP 2011
IAC/ Unv La Laguna
- ◆ ORM: JKT

128. [The Star Formation Reference Survey. I. Survey Description and Basic Data](#)
Author(s): Ashby M. L. N.; Mahajan S.; Smith H. A.; et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 907 Pages: 1011-1029 DOI: 10.1086/661920
Published: SEP 2011
- ◆ **ESA: AKARI**
 - ◆ Otros: Spitzer; VLA; IRAS; Galex
129. [Wavelength Calibration for OSIRIS/GTC Tunable Filters](#)
Author(s): Mendez-Abreu J.; Sanchez Almeida J.; Munoz-Tunon C.; et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 907 Pages: 1107-1116 DOI: 10.1086/661978
Published: SEP 2011
- IAC/ Unv La Laguna**
- ◆ **GTC/OSIRIS**
130. [HIFI detection of hydrogen fluoride in the carbon star envelope IRC+10216](#)
Author(s): Agundez M.; Cernicharo J.; Waters L. B. F. M.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: L6 DOI: 10.1051/0004-6361/201117578 Published: SEP 2011
- ◆ **ESA: Herschel/HIFI**
131. [Herschel observations of the Herbig-Haro objects HH52-54](#)
Author(s): Bjerkeli P.; Liseau R.; Nisini B.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 DOI: 10.1051/0004-6361/201116846 Published: SEP 2011
- ◆ **ESA: Herschel/HIFI/PACS**
 - ◆ **ESO: APEX**
 - ◆ Otros: Odin; SEST
132. [Studying the spatially resolved Schmidt-Kennicutt law in interacting galaxies: the case of Arp 158](#)
Author(s): Boquien M.; Lisenfeld U.; Duc P. -A.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: A19 DOI: 10.1051/0004-6361/201117004 Published: SEP 2011
- ◆ **IRAM: 30m**
 - ◆ **ORM: WHT**
 - ◆ Otros: VLA; Galex; NED database
133. [GOODS-Herschel: evidence of a UV extinction bump in galaxies at \$z > 1\$](#)
Author(s): Buat V.; Giovannoli E.; Heinis S.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: A93 DOI: 10.1051/0004-6361/201117264 Published: SEP 2011
- ◆ **ESA: Herschel/PACS**
 - ◆ Otros: Spitzer; Galex

134. [GOODS-Herschel: an infrared main sequence for star-forming galaxies](#)
 Author(s): Elbaz D.; Dickinson M.; Hwang H. S.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A119 DOI: 10.1051/0004-6361/201117239 Published: SEP 2011
 ♦ **ESA: Herschel; AKARI; ISO**
 ♦ Otros: Spitzer
135. [The size of AB Doradus A from VLTI/AMBER interferometry](#)
 Author(s): Guirado J. C.; Marcaide J. M.; Marti-Vidal I.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A106 DOI: 10.1051/0004-6361/201117426 Published: SEP 2011
UV
 ♦ **ESO (Paranal): VLTI/AMBER**
 ♦ Otros: SIMBAD database
136. [Dense core formation by fragmentation of velocity-coherent filaments in L1517](#)
 Author(s): Hacar A.; Tafalla M.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A34 DOI: 10.1051/0004-6361/201117039 Published: SEP 2011
OAN-IGN
 ♦ **IRAM: 30m**
 ♦ Otros: OST; SIMBAD database
137. [Transiting exoplanets from the CoRoT space mission XVIII. CoRoT-18b: a massive hot Jupiter on a prograde, nearly aligned orbit](#)
 Author(s): Hebrard G.; Evans T. M.; Alonso R.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A130 DOI: 10.1051/0004-6361/201117192 Published: SEP 2011
 ♦ **ESA: CoRoT**
 ♦ **ESO (La Silla): 3.6m/HARPS**
 ♦ **ORM: NOR/FIES**
 ♦ **OT: OGS**
 ♦ Otros: OHP/SOPHIE
138. [Venus transit 2004: Illustrating the capability of exoplanet transmission spectroscopy](#)
 Author(s): Hedelt P.; Alonso R.; Brown T.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A136 DOI: 10.1051/0004-6361/201016237 Published: SEP 2011
 ♦ **OT: VTT**
139. [X-ray monitoring of classical novae in the central region of M 31 II. Autumn and winter 2007/2008 and 2008/2009](#)
 Author(s): Henze M.; Pietsch W.; Haberl F.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A52 DOI: 10.1051/0004-6361/201015887 Published: SEP 2011
 ♦ **ESA: XMM-Newton**
 ♦ Otros: Chandra

140. [Filaments and ridges in Vela C revealed by Herschel: from low-mass to high-mass star-forming sites](#)
Author(s): Hill T.; Motte F.; Didelon P.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: A94 DOI: 10.1051/0004-6361/201117315 Published: SEP 2011
◆ **ESA: Herschel/PACS/SPIRE**
141. [Extreme warm absorber variability in the Seyfert galaxy Mrk 704](#)
Author(s): Matt G.; Bianchi S.; Guainazzi M.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: A1 DOI: 10.1051/0004-6361/201116443 Published: SEP 2011
◆ **ESA: XMM-Newton**
◆ Otros: Swift
142. [Application of speckle and \(multi-object\) multi-frame blind deconvolution techniques on imaging and imaging spectropolarimetric data](#)
Author(s): Puschmann K. G.; Beck C.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: A21 DOI: 10.1051/0004-6361/201116904 Published: SEP 2011
IAC/ Univ La Laguna
◆ **OT: VTT**
143. [Multi-frequency observations of Swift J1626.6-5156](#)
Author(s): Reig P.; Nespoli E.; Fabregat J.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: A23 DOI: 10.1051/0004-6361/201117301 Published: SEP 2011
◆ **ESO (La Silla): NTT/ Sofl**
◆ Otros: RXTE
144. [STIS optical spectroscopy of the lobes of CRL 618](#)
Author(s): Riera A.; Raga A. C.; Velazquez P. F.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: A118 DOI: 10.1051/0004-6361/201014891 Published: SEP 2011
UPC
◆ **ESA: Hubble**
145. [First simultaneous multi-wavelength observations of the black hole candidate IGR J17091-3624 ATCA, INTEGRAL, Swift, and RXTE views of the 2011 outburst](#)
Author(s): Rodriguez J.; Corbel S.; Caballero I.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number: L4 DOI: 10.1051/0004-6361/201117511 Published: SEP 2011
◆ **ESA: INTEGRAL**
◆ Otros: RXTE; Swift; ATCA

146. [The young B-star quintuple system HD 155448](#)
 Author(s): Schütz O.; Meeus G.; Carmona A.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A54 DOI: 10.1051/0004-6361/201016396 Published: SEP 2011
- ◆ ESO (Paranal): VLT/VISIR/NACO
 - ◆ ESO (La Silla): 3.6m/EFOSC2; NTT/Soff
 - ◆ Otros: Swift; Spitzer; SIMBAD database
147. [The spectroscopic evolution of the recurrent nova T Pyxidis during its 2011 outburst I. The optically thick phase and the origin of moving lines in novae](#)
 Author(s): Shore S. N.; Augusteijn T.; Ederoclite A.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 L8 DOI: 10.1051/0004-6361/201117721 Published: SEP 2011
- ◆ ORM: NOT/FIES
 - ◆ Otros: SIMBAD database; MAST archive
148. [Spectroscopic stellar parameters for 582 FGK stars in the HARPS volume-limited sample Revising the metallicity-planet correlation](#)
 Author(s): Sousa S. G.; Santos N. C.; Israelian G.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A141 DOI: 10.1051/0004-6361/201117699 Published: SEP 2011
- IAC**
- ◆ ESO (La Silla): 3.6m/HARPS
149. [Searching for star-forming galaxies in the Fornax and Hydra clusters](#)
 Author(s): Vaduvescu O.; Kehrig C.; Vilchez J. M.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A65 DOI: 10.1051/0004-6361/201116651 Published: SEP 2011
- ING**
- ◆ ESO (Paranal): VLT/ HAWK-I
 - ◆ Otros: Gemini South
150. [Ruling out unresolved binaries in five transitional disks VLT/NACO deep 2.12 and 1.75 \$\mu\$ m narrow-band imaging](#)
 Author(s): Vicente S.; Merin B.; Hartung M.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 533 Article Number:
 A135 DOI: 10.1051/0004-6361/201016294 Published: SEP 2011
- ◆ ESO (Paranal): VLT/NACO
151. [DETECTION OF INFALLING HYDROGEN IN TRANSFER BETWEEN THE INTERACTING GALAXIES NGC 5426 AND NGC 5427](#)
 Author(s): Font Joan; Beckman John E.; Rosado Margarita; et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 740 Issue: 1
 Article Number: L1 DOI: 10.1088/2041-8205/740/1/L1 Published: OCT 10
 2011
- IAC/ Univ La Laguna**
- ◆ ORM: WHT

- ◆ Otros: 2.2m Observatorio de San Pedro Martir

- 152. [The PEP survey: clustering of infrared-selected galaxies and structure formation at z similar to 2 in GOODS-South](#)
 Author(s): Magliocchetti M.; Santini P.; Rodighiero G.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 2 Pages: 1105-1117 DOI: 10.1111/j.1365-2966.2011.19109.x Published: SEP 2011
- ◆ [ESA: Herschel/PACS](#)

- 153. [Herschel-ATLAS: counterparts from the ultraviolet-near-infrared in the science demonstration phase catalogue](#)
 Author(s): Smith D. J. B.; Dunne L.; Maddox S. J.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 2 Pages: 857-872 DOI: 10.1111/j.1365-2966.2011.18827.x Published: SEP 2011
- ◆ [ESA: Herschel/ATLAS](#)
- ◆ [ESO \(Paranal\): VST; VISTA](#)
- ◆ Otros: UKIRT; SDSS; Galax; WISE; GMRT; ASKAP

- 154. [Wide-field optical imaging on ELAIS N1, ELAIS N2, First Look Survey and Lockman Hole: observations and source catalogues](#)
 Author(s): González-Solares E. A.; Irwin M.; McMahon R. G.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 2 Pages: 927-940 DOI: 10.1111/j.1365-2966.2011.19082.x Published: SEP 2011
- ◆ [ORM: INT/WFC](#)
- ◆ Otros: NED database

- 155. [VARIABILITY OF THE SiO THERMAL LINE EMISSION TOWARD THE YOUNG L1448-mm OUTFLOW](#)
 Author(s): Jiménez-Serra I.; Martín-Pintado J.; Winters J. -M.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 739 Issue: 2 Article Number: 80 DOI: 10.1088/0004-637X/739/2/80 Published: OCT 1 2011
- ◆ [IRAM: PdBI](#)

- 156. [NUCLEAR RINGS IN GALAXIES-A KINEMATIC PERSPECTIVE](#)
 Author(s): Mazzuca Lisa M.; Swaters Robert A.; Knapen Johan H.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 739 Issue: 2 Article Number: 104 DOI: 10.1088/0004-637X/739/2/104 Published: OCT 1 2011
- ◆ [ORM: WHT](#)
- ◆ Otros: 3.5 m WIYN5 telescope

- 157. [OUTFLOWS FROM ACTIVE GALACTIC NUCLEI: KINEMATICS OF THE NARROW-LINE AND CORONAL-LINE REGIONS IN SEYFERT GALAXIES](#)
 Author(s): Mueller-Sanchez F.; Prieto M. A.; Hicks E. K. S.; et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 739 Issue: 2 Article Number: 69 DOI: 10.1088/0004-637X/739/2/69 Published: OCT 1 2011

IAC/ Univ La Laguna

- ◆ ESO (Paranal): VLT/SINFONI
 - ◆ Otros: Keck II
158. [THE YELLOW SUPERGIANT PROGENITOR OF THE TYPE II SUPERNOVA 2011dh IN M51](#)
Author(s): Maund J. R.; Fraser M.; Ergon M.; et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 739 Issue: 2
Article Number: L37 DOI: 10.1088/2041-8205/739/2/L37 Published: OCT 1 2011
- ◆ ORM: NOT; TNG; LT
 - ◆ Otros: Gemini
159. [THE LESSER ROLE OF STARBURSTS IN STAR FORMATION AT \$z=2\$](#)
Author(s): Rodighiero G.; Daddi E.; Baronchelli I.; et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 739 Issue: 2
Article Number: L40 DOI: 10.1088/2041-8205/739/2/L40 Published: OCT 1 2011
- ◆ ESA: Herschel/PACS
160. [Hydroxyl airglow on Venus in comparison with Earth](#)
Author(s): Migliorini A, Piccioni G, Moinelo AC, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10
Special Issue: Sp. Iss. SI Pages: 974-980 Published: AUG 2011
- ◆ ESA: Venus Express
161. [Oxygen airglow emission on Venus and Mars as seen by VIRTIS/VEX and OMEGA/MEX imaging spectrometers](#)
Author(s): Migliorini A, Altieri F, Zasova L, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10
Special Issue: Sp. Iss. SI Pages: 981-987 Published: AUG 2011
- ◆ ESA: Venus Express/ VIRTIS; Mars Express/ OMEGA
162. [Modeling the atmospheric limb emission of CO₂ at 4.3 \$\mu\$ m in the terrestrial planets](#)
Author(s): López-Valverde MA, Lopez-Puertas M, Funke B, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10
Special Issue: Sp. Iss. SI Pages: 988-998 Published: AUG 2011
IAA-CSIC
- ◆ ESA: Venus Express/ VIRTIS; Mars Express/ OMEGA
163. [Non-LTE CO limb emission at 4.7 \$\mu\$ m in the upper atmosphere of Venus, Mars and Earth: Observations and modeling](#)
Author(s): Gilli G, Lopez-Valverde MA, Funke B, et al.
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10
Special Issue: Sp. Iss. SI Pages: 1010-1018 Published: AUG 2011
IAA-CSIC
- ◆ ESA: Venus Express/ VIRTIS; Mars Express/ OMEGA

164. [\(596\) SCHEILA IN OUTBURST: A PROBABLE COLLISION EVENT IN THE MAIN ASTEROID BELT](#)
 Author(s): Moreno F, Licandro J, Ortiz JL, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 2 Article
 Number: 130 Published: SEP 10 2011
IAA-CSIC
 ♦ OT: IAC-80
 ♦ ORM: WHT
 ♦ CAHA: 1.23m
 ♦ Otros: OSN 1.5 m
165. [EXTENDED SUBMILLIMETER EMISSION OF THE GALACTIC CENTER AND NEAR-INFRARED/SUBMILLIMETER VARIABILITY OF ITS SUPERMASSIVE BLACK HOLE](#)
 Author(s): Garcia-Marin M, Eckart A, Weiss A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 2 Article
 Number: 158 Published: SEP 10 2011
 ♦ ESO (Paranal): VLT/NACO
 ♦ ESO: APEX/LABOCA
 ♦ Otros: Subaru
166. [PHOTOMETRIC TYPE Ia SUPERNOVA CANDIDATES FROM THE THREE- YEAR SDSS-II SN SURVEY DATA](#)
 Author(s): Sako M, Bassett B, Connolly B, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 2 Article
 Number: 162 Published: SEP 10 2011
 ♦ ORM: WHT; NOT
 ♦ ESO (La Silla): NTT
 ♦ Otros: SDSS; Hobby-Eberly Telescope (HET); The Apache Point Observatory 3.5 m telescope; Subaru
167. [GALACTIC-SCALE ABSORPTION OUTFLOW IN THE LOW-LUMINOSITY QUASAR IRAS F04250-5718: HUBBLE SPACE TELESCOPE/COSMIC ORIGINS SPECTROGRAPH OBSERVATIONS](#)
 Author(s): Edmonds D, Borguet B, Arav N, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 739 Issue: 1 Article
 Number: 7 Published: SEP 20 2011
 ♦ ESA: Hubble/COS
168. [DUST AROUND R CORONAE BOREALIS STARS. I. SPITZER/INFRARED SPECTROGRAPH OBSERVATIONS](#)
 Author(s): Garcia-Hernandez DA, Rao NK, Lambert DL
 Source: ASTROPHYSICAL JOURNAL Volume: 739 Issue: 1 Article
 Number: 37 Published: SEP 20 2011
IAC/ Univ La Laguna
 ♦ OT: IAC-80
 ♦ Otros: Spitzer; SAAO:0.75m

169. [Frequency analysis and pulsational mode identification of two gamma Doradus stars: HD 40745 and HD 189631](#)
Author(s): Maisonneuve F, Pollard KR, Cottrell PL, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 4 Pages: 2977-2992 Published: AUG 2011
◆ ESO (La Silla): MPG 2.2m/FEROS; 3.6m/HARPS
◆ Otros: HERCULES
170. [Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from the Herschel-ATLAS](#)
Author(s): Valtchanov I, Virdee J, Ivison RJ, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 4 Pages: 3473-3484 Published: AUG 2011
ESAC
◆ ESA: Herschel
◆ IRAM: PdBI
◆ Otros: EVLA
171. [Dissecting the size evolution of elliptical galaxies since \$z\$ similar to 1: puffing-up versus minor-merging scenarios](#)
Author(s): Trujillo I, Ferreras I, de la Rosa IG
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 4 Pages: 3903-3913 Published: AUG 2011
IAC/ Univ La Laguna
◆ ESA: Hubble/ACS
◆ Otros: SDSS
172. [Herschel-ATLAS: the link between accretion luminosity and star formation in quasar host galaxies](#)
Author(s): Bonfield DG, Jarvis MJ, Hardcastle MJ, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 13-21 Published: SEP 2011
◆ ESA: Herschel
173. [Spatial distribution and statistical properties of small-scale convective vortex-like motions in a quiet-Sun region](#)
Author(s): Dominguez SV, Palacios J, Balmaceda L, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 148-154 Published: SEP 2011
◆ ORM: SST
174. [Long-term spectral and timing properties of the soft gamma-ray repeater SGR 1833-0832 and detection of extended X-ray emission around the radio pulsar PSR B1830-08](#)
Author(s): Esposito P, Israel GL, Turolla R, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 205-215 Published: SEP 2011
◆ ESA: XMM-Newton
◆ Otros: RXTE; Swift

175. [Interactions, star formation and extended nebulae in SDSS type 2 quasars at \$0.3 \leq z \leq 0.6\$](#)
Author(s): Villar-Martin M, Tadhunter C, Humphrey A, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 262-278 Published: SEP 2011
IAA-CSIC
◆ ESO (Paranal): VLT/FORS2
176. [Herschel-Astrophysical Terahertz Large Area Survey: detection of a far-infrared population around galaxy clusters](#)
Author(s): Coppin KEK, Geach JE, Smail I, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 680-688 Published: SEP 2011
◆ ESA: Herschel
177. [The Swift/Fermi GRB 080928 from 1 eV to 150 keV](#)
Author(s): Rossi A, Schulze S, Klose S, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A142 Published: MAY 2011
◆ ESO (La Silla): MPG 2.2m/GROND
◆ Otros: Swift; Fermi
178. [AGILE detection of extreme gamma-ray activity from the blazar PKS 1510-089 during March 2009](#)
Author(s): D'Ammando F, Raiteri CM, Villata M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A145 Published: MAY 2011
◆ ORM: LT; KVA
◆ CAHA:
◆ ESO (La Silla): MPG2.2m
◆ Otros: AGILE, Swift, WEBT, REM, UMRAO, VLBA.
179. [The XMM-Newton survey of the Small Magellanic Cloud: a new X-ray view of the symbiotic binary SMC 3](#)
Author(s): Sturm R, Haberl F, Greiner J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A152 Published: MAY 2011
◆ ESA: XMM-Newton/EPIC
180. [The masses of the neutron and donor star in the high-mass X-ray binary IGR J18027-2016 \(Research Note\)](#)
Author(s): Mason AB, Norton AJ, Clark JS, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A124 Published: AUG 2011
◆ ESO (Paranal): VLT/ISAAC

181. [The spectrum of \(136199\) Eris between 350 and 2350 nm: results with X-Shooter](#)
 Author(s): Alvarez-Candal A, Pinilla-Alonso N, Licandro J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A130 Published: AUG 2011
 ♦ ESO (Paranal): VLT/X-Shooter
182. [Integral field spectroscopy of nitrogen overabundant blue compact dwarf galaxies](#)
 Author(s): Pérez-Montero E, Vilchez JM, Cedres B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A141 Published: AUG 2011
 IAA-CSIC
 ♦ CAHA: 3.5m/PMAS
183. [The effect of environment on star forming galaxies at redshift I. First insight from PACS](#)
 Author(s): Popesso P, Rodighiero G, Saintonge A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A145 Published: AUG 2011
 ♦ ESA: Herschel/PACS; Hubble
 ♦ ESO (Paranal): VLT/VIMOS/ ISAAC
 ♦ ESO (La Silla): MPG 2.2m
 ♦ Otros: Galex; Spitzer
184. [Identification of gamma-ray emission from 3C 345 and NRAO 512](#)
 Author(s): Schinzel FK, Sokolovsky KV, D'Ammando F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A150 Published: AUG 2011
 ♦ CAHA: ¿?
 ♦ Otros: Fermi-LAT; Swift; WEBT; SIMBAD, NED database
185. [The Herschel M 33 extended survey \(HerM33es\): PACS spectroscopy of the star-forming region BCLMP 302](#)
 Author(s): Mookerjea B, Kramer C, Buchbender C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A152 Published: AUG 2011
 ♦ ESA: Herschel/PACS/HIFI
 ♦ IRAM: 30m
 ♦ Otros: VLA; Spitzer
186. [SPITZER 24 mu m SURVEY FOR DUST DISKS AROUND HOT WHITE DWARFS](#)
 Author(s): Chu YH, Su KYL, Bilikova J, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 75 Published: SEP 2011
 ♦ ESA: Hubble
 ♦ Otros: Spitzer

187. [CHARACTERIZATION OF OPTICALLY SELECTED STAR-FORMING KNOTS IN \(U\)LIRGs](#)
 Author(s): Miralles-Caballero D, Colina L, Arribas S, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 79 Published: SEP 2011
 ♦ **ESA: Hubble**
188. [WASP-35b, WASP-48b, AND HAT-P-30b/WASP-51b: TWO NEW PLANETS AND AN INDEPENDENT DISCOVERY OF A HAT PLANET](#)
 Author(s): Enoch B, Anderson DR, Barros SCC, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 86 Published: SEP 2011
 ♦ **ORM: SuperWASP North ; LT/RISE; NOT/FIES**
 ♦ **Otros: TRAPPIST; FTS; La Silla Swiss telescope/CORALIE; OHP/SOPHIE**
189. [PHYSICAL STRUCTURE OF THE PLANETARY NEBULA NGC 3242 FROM THE HOT BUBBLE TO THE NEBULAR ENVELOPE](#)
 Author(s): Ruiz N, Guerrero MA, Chu YH, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 91 Published: SEP 2011
 ♦ **ESA: XMM-Newton; Hubble**
 ♦ **Otros: KPNO 2.1 m telescope**
190. [FIRST GROUND-BASED CHARGE-COUPLED DEVICE PROPER MOTIONS FOR FORNAX. II. FINAL RESULTS](#)
 Author(s): Méndez RA, Costa E, Gallart C, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 93 Published: SEP 2011
 ♦ **ESO (La Silla): NTT/SuSI2**
191. [VELOCITY DISPERSIONS AND STELLAR POPULATIONS OF THE MOST COMPACT AND MASSIVE EARLY-TYPE GALAXIES AT REDSHIFT similar to 1](#)
 Author(s): Martinez-Manso J, Guzman R, Barro G, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 738 Issue: 2 Article Number: L22 Published: SEP 10 2011
 ♦ **GTC/OSIRIS**
192. [INTEGRAL OBSERVATIONS OF THE gamma-RAY BINARY 1FGL J1018.6-5856](#)
 Author(s): Li J, Torres DF, Chen YP, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 738 Issue: 2 Article Number: L31 Published: SEP 10 2011
 ♦ **ESA: INTEGRAL**

193. [IRAS 18113-2503: THE WATER FOUNTAIN WITH THE FASTEST JET?](#)
Author(s): Gomez JF, Rizzo JR, Suarez O, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 739 Issue: 1
Article Number: L14 Published: SEP 20 2011
IAA-CSIC
◆ **ESA: AKARI**
◆ **CAHA: 2.2m/CAFOS**
◆ Otros: EVLA; Spitzer; IRAS; MSX
194. [Retrieving optical depth from shadows in orbiter images of Mars](#)
Author(s): Hoekzema NM, Garcia-Comas M, Stenzel OJ, et al.
Source: ICARUS Volume: 214 Issue: 2 Pages: 447-461 Published: AUG 2011
◆ **ESA: Mars Express/HRSC**
195. [Long-term evolution of the aerosol debris cloud produced by the 2009 impact on Jupiter](#)
Author(s): Sánchez-Lavega A, Orton GS, Hueso R, et al.
Source: ICARUS Volume: 214 Issue: 2 Pages: 462-476 Published: AUG 2011
Unv País Vasco
◆ **ESA: Hubble/WFC3**
◆ **ESO (Paranal): VLT/NACO**
◆ **CAHA: 3.5m/Omega2000**
◆ **ORM: TNG; WHT**
◆ **OT: TCS**
◆ Otros: Keck; IRTF
196. [Analysis of Titan CH₄ 3.3 \$\mu\$ m upper atmospheric emission as measured by Cassini/VIMS](#)
Author(s): García-Comas M, Lopez-Puertas M, Funke B, et al.
Source: ICARUS Volume: 214 Issue: 2 Pages: 571-583 Published: AUG 2011
IAA-CSIC
◆ **ESA: Cassini/VIMS**
197. [Distribution of HCN in Titan's upper atmosphere from Cassini/VIMS observations at 3 \$\mu\$ m](#)
Author(s): Adriani A, Dinelli BM, Lopez-Puertas M, et al.
Source: ICARUS Volume: 214 Issue: 2 Pages: 584-595 Published: AUG 2011
◆ **ESA: Cassini/VIMS**

198. [THE DUST ENVIRONMENT OF MAIN-BELT COMET P/2010 R2 \(LA SAGRA\)](#)
 Author(s): Moreno F, Lara LM, Licandro J, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 738 Issue: 1
 Article Number: L16 Published: SEP 1 2011
IAA-CSIC
 ♦ **ORM: TNG/DOLORES; NOT/ALFOSC; WHT/ACAM**
 ♦ **CAHA: 2.2m/CAFOS**
199. [Stellar population gradients in Fornax cluster S0 galaxies: connecting bulge and disc evolution](#)
 Author(s): Bedregal AG, Cardiel N, Aragon-Salamanca A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2063-2080 Published: AUG 2011
UCM
 ♦ **ESO (Paranal): VLT/FORS2**
200. [Herschel-ATLAS: first data release of the Science Demonstration Phase source catalogues](#)
 Author(s): Rigby EE, Maddox SJ, Dunne L, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2336-2348 Published: AUG 2011
 ♦ **ESA: Herschel**
201. [PPAK wide-field Integral Field Spectroscopy of NGC628-II. Emission line abundance analysis](#)
 Author(s): Rosales-Ortega FF, Diaz AI, Kennicutt RC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2439-2474 Published: AUG 2011
UAM
 ♦ **CAHA: 3.5m**
 ♦ Otros: Oschin Schmidt Telescope on Palomar Mountain ; UK Schmidt Telescope
202. [XMM-Newton first X-ray detection of the low-ionization broad absorption line quasar PG 1700+518](#)
 Author(s): Ballo L, Piconcelli E, Vignali C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2600-2606 Published: AUG 2011
IFCA (CSIC-UC)
 ♦ **ESA: XMM-Newton; IUE**
 ♦ NED database
203. [HERSCHEL* MEASUREMENTS OF MOLECULAR OXYGEN IN ORION](#)
 Author(s): Goldsmith PF, Liseau R, Bell TA, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 737 Issue: 2 Article Number: 96 Published: AUG 20 2011
 ♦ **ESA: Herschel**

204. [Spectroscopy at the solar limb I. Average off-limb profiles and Doppler shifts of Ca II H](#)
 Author(s): Beck CAR, Rezaei R
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A173 Published: JUL 2011
IAC/ Univ La Laguna
 ♦ OT: VTT
205. [Polarization and photometric observations of the gamma-ray blazar PG1553+113 \(Research Note\)](#)
 Author(s): Andruchow I, Combi JA, Munoz-Arjonilla AJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A38 Published: JUL 2011
 ♦ CAHA: 2.2m/CAFOS
206. [Lunar mare single-scattering, porosity, and surface-roughness properties with SMART-1 AMIE](#)
 Author(s): Muinonen K, Parviainen H, Naranen J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A150 Published: JUL 2011
 ♦ ESA: SMART-1/AMIE
207. [On the driver of relativistic effect strength in Seyfert galaxies](#)
 Author(s): Guainazzi M, Bianchi S, Perez ID, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A131 Published: JUL 2011
ESAC
 ♦ ESA: XMM-Newton
 ♦ Otros: NED database
208. [Massive young disks around Herbig Ae stars](#)
 Author(s): Boissier J, Alonso-Albi T, Fuente A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A50 Published: JUL 2011
 ♦ IRAM: PdBI
209. [Chromospheric activities and kinematics for solar type dwarfs and subgiants: analysis of the activity distribution and the AVR](#)
 Author(s): Jenkins JS, Murgas F, Rojo P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A8 Published: JUL 2011
 ♦ ESO (La Silla): MPG 2.2m/FEROS
210. [Hot gas in Mach cones around Virgo cluster spiral galaxies](#)
 Author(s): Wezgowiec M, Vollmer B, Ehle M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A44 Published: JUL 2011
 ♦ ESA: XMM-Newton

211. [Evolution of the dust coma in comet 67P/Churyumov-Gerasimenko before the 2009 perihelion](#)
 Author(s): Tozzi GP, Patriarchi P, Boehnhardt H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A54 Published: JUL 2011
 ♦ ESO (Paranal): VLT/FORS2
 ♦ ORM: TNG/DOLORES
212. [WASP-39b: a highly inflated Saturn-mass planet orbiting a late G-type star](#)
 Author(s): Faedi F, Barros SCC, Anderson DR, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A40 Published: JUL 2011
 ♦ ORM: SuperWASP-N
 ♦ Otros: SuperWASP-S; OHP; 1.2-m Euler Swiss telescope
213. [Sequential star formation in IRAS 06084-0611 \(GGD 12-15\) From intermediate-mass to high-mass stars](#)
 Author(s): Maaskant KM, Bik A, Waters LBFM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A27 Published: JUL 2011
 ♦ ESO (Paranal): VLT/SINFONI
 ♦ ESO (La Silla): NTT/SOFI
 ♦ Otros: Spitzer; 2MASS
214. [Nova M31N 2007-12b: supersoft X-rays reveal an intermediate polar?](#)
 Author(s): Pietsch W, Henze M, Haberl F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A22 Published: JUL 2011
 ♦ ESA: XMM-Newton
 ♦ Otros: Chandra
215. [A new study of the supernova remnant G344.7-0.1 located in the vicinity of the unidentified TeV source HESS J1702-420](#)
 Author(s): Giacani E, Smith MJS, Dubner G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A138 Published: JUL 2011
 ♦ ESA: XMM-Newton
 ♦ Otros: ATCA; VLA
216. [Low abundance, strong features: window-dressing crystalline forsterite in the disk wall of HD 100546](#)
 Author(s): Mulders GD, Waters LBFM, Dominik C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A93 Published: JUL 2011
 ♦ ESA: Herschel/PACS

217. [Time evolution of high-energy emissions of low-mass stars I. Age determination using stellar chronology with white dwarfs in wide binaries](#)
 Author(s): Garcés A, Catalan S, Ribas I
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A7 Published: JUL 2011
IEEC-CSIC
 ♦ CAHA: 3.5m
 ♦ ORM: WHT
218. [First hyperfine resolved far-infrared OH spectrum from a star-forming region](#)
 Author(s): Wampfler SF, Bruderer S, Kristensen LE, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L16 Published: JUL 2011
 ♦ ESA: Herschel/HIFI
219. [Water in low-mass star-forming regions with Herschel \(WISH-LM\) High-velocity H₂O bullets in L1448-MM observed with HIFI](#)
 Author(s): Kristensen LE, van Dishoeck EF, Tafalla M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L1 Published: JUL 2011
 ♦ ESA: Herschel/HIFI
220. [A VLT/FLAMES survey for massive binaries in Westerlund 1 III. The WC9d binary W239 and implications for massive stellar evolution](#)
 Author(s): Clark JS, Ritchie BW, Negueruela I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A28 Published: JUL 2011
 ♦ ESO (Paranal): VLT/FLAMES
 ♦ Otros: 0.6-m and 1.6-m telescopes at Pico dos Dias Observatory
221. [Transiting exoplanets from the CoRoT space mission XVII. The hot Jupiter CoRoT-17b: a very old planet](#)
 Author(s): Csizmadia S, Moutou C, Deleuil M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A41 Published: JUL 2011
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 3.6m/HARPS
 ♦ OT: IAC-80
 ♦ Otros: CFHT; Keck
222. [Advection and dispersal of small magnetic elements in the very quiet Sun](#)
 Author(s): Sainz RM, Gonzalez MJM, Ramos AA
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L9 Published: JUL 2011
IAC/ Univ La Laguna
 ♦ ESA: Hinode

223. [Discovery of close binary central stars in the planetary nebulae NGC 6326 and NGC 6778](#)
 Author(s): Miszalski B, Jones D, Rodriguez-Gil P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A158 Published: JUL 2011
 ♦ ESO (Paranal): VLT/FORS2
 ♦ ORM: Mercator
 ♦ Otros: Gemini South; SAAO 1.9 m
224. [Discovery of a massive X-ray luminous galaxy cluster at \$z=1.579\$](#)
 Author(s): Santos JS, Fassbender R, Nastasi A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L15 Published: JUL 2011
ESAC
 ♦ ESO (Paranal): VLT/FORS2
 ♦ ESO (La Silla): NTT/EMMI
 ♦ ESA: XMM-Newton
225. [Direct detection of the Enceladus water torus with Herschel](#)
 Author(s): Hartogh P, Lellouch E, Moreno R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: L2 Published: AUG 2011
 ♦ ESA: Herschel/HIFI
226. [Discovery of the X-ray selected galaxy cluster XMMU J0338.8+0021 at \$z=1.49\$](#)
 Author(s): Nastasi A, Fassbender R, Bohringer H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: L6 Published: AUG 2011
 ♦ ESA: XMM-Newton
 ♦ ESO (Paranal): VLT/FORS2
 ♦ CAHA: 3.5m/Omega2000
 ♦ Otros: NED database
227. [The chemical composition of the Orion star forming region III. C, N, Ne, Mg, and Fe abundances in B-type stars revisited](#)
 Author(s): Nieva MF, Simon-Diaz S
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A2 Published: AUG 2011
 ♦ ORM: NOT/FIES
228. [Estimation of the XUV radiation onto close planets and their evaporation](#)
 Author(s): Sanz-Forcada J, Micela G, Ribas I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A6 Published: AUG 2011
CAB (CSIC-INTA)
 ♦ ESA: XMM-Newton
 ♦ Otros: Chandra; ROSAT

229. [The two metallicity groups of the globular cluster M22: a chemical perspective](#)
 Author(s): Marino AF, Sneden C, Kraft RP, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A8 Published: AUG 2011
 ♦ ESO (Paranal): VLT/FLAMES/UVES
 ♦ Otros: AAT; Lick Shane 3.0 m Telescope; McDonald Smith 2.7 m Telescope
230. [The near-infrared spectral index of Sagittarius A* derived from Ks- and H-band flare statistics](#)
 Author(s): Bremer M, Witzel G, Eckart A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A26 Published: AUG 2011
 ♦ ESO (Paranal): VLT/NACO
231. [Search and characterization of T-type planetary mass candidates in the sigma Orionis cluster](#)
 Author(s): Ramírez KP, Osorio MRZ, Bejar VJS, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A42 Published: AUG 2011
IAC/ Univ La Laguna
 ♦ GTC/OSIRIS
 ♦ ESO (Paranal): VLT/HAWK-1; VISTA/NIRCAM
 ♦ Otros: POSS-II
232. [Building the cosmic infrared background brick by brick with Herschel/PEP](#)
 Author(s): Berta S, Magnelli B, Nordon R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A49 Published: AUG 2011
 ♦ ESA: Herschel/PACS
233. [Mass, light and colour of the cosmic web in the supercluster SCL2243-0935 \(z=0.447\)](#)
 Author(s): Schirmer M, Hildebrandt H, Kuijken K, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A57 Published: AUG 2011
ING
 ♦ ORM: INT/WFC
 ♦ ESO (La Silla): NTT/EMMI; 2.2m MPG/WFI
 ♦ CFHT
234. [Testing the comet nature of main belt comets. The spectra of 133P/Elst-Pizarro and 176P/LINEAR](#)
 Author(s): Licandro J, Campins H, Tozzi GP, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A65 Published: AUG 2011
IAC/ Univ La Laguna
 ♦ ORM: TNG/DOLORES; WHT/ISIS; NOT/ALFOSC

- ◆ ESO (Paranal): VLT/FORS2

- 235. [Sparse aperture masking at the VLT I. Faint companion detection limits for the two debris disk stars HD 92945 and HD 141569](#)
 Author(s): Lacour S, Tuthill P, Amico P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A72 Published: AUG 2011
- ◆ ESO (Paranal): VLT/NACO

- 236. [The mean infrared emission of Sagittarius A](#)
 Author(s): Schödel R, Morris MR, Muzic K, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A83 Published: AUG 2011
IAA-CSIC
- ◆ ESO (Paranal): VLT/VISIR

- 237. [Comet 103P/Hartley 2 at perihelion: gas and dust activity](#)
 Author(s): Lara LM, Lin ZY, Meech K
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A87 Published: AUG 2011
IAA-CSIC
- ◆ ORM: WHT

- 238. [PACS Evolutionary Probe \(PEP\) - A Herschel key program](#)
 Author(s): Lutz D, Poglitsch A, Altieri B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A90 Published: AUG 2011
- ◆ ESA: Herschel/PACS

- 239. [Infrared and radio study of the W43 cluster Resolved binaries and non-thermal emission](#)
 Author(s): Luque-Escamilla PL, Muñoz-Arjonilla AJ, Sanchez-Sutil JR, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A92 Published: AUG 2011
Unv. de Jaén
- ◆ ESO (Paranal): VLT/ISAAC
- ◆ Otros: VLA; 2MASS

- 240. [An updated MILES stellar library and stellar population models \(Research Note\)](#)
 Author(s): Falcon-Barroso J, Sanchez-Blazquez P, Vazdekis A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A95 Published: AUG 2011
IAC/ Univ La Laguna
- ◆ ORM: INT (MILES library)
- ◆ Otros: 0.9 m Coudé Feed telescope; OHP 193 cm telescope

241. [Lunar occultations of 184 stellar sources in two crowded regions toward the Galactic bulge](#)
 Author(s): Richichi A, Chen WP, Fors O, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A101 Published: AUG 2011
 ♦ ESO (Paranal): VLT/ISAAC
242. [Adaptive optics parameters connection to wind speed at the Teide Observatory: corrigendum](#)
 Author(s): García-Lorenzo B, Eff-Darwich A, Fuensalida JJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 2 Pages: 801-809 Published: JUN 2011
 IAC/ Univ La Laguna
 ♦ OT: TCS
243. [Element abundances in the stars of the MILES spectral library: the Mg/Fe ratio](#)
 Author(s): Milone AD, Sansom AE, Sanchez-Blazquez P
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 2 Pages: 1227-1252 Published: JUN 2011
 ♦ ORM: INT (MILES library)
244. [COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - I. Relations between H-2, HI, stellar content and structural properties](#)
 Author(s): Saintonge A, Kauffmann G, Kramer C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 32-60 Published: JUL 2011
 ♦ IRAM: 30m
245. [COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - II. The non-universality of the molecular gas depletion time-scale](#)
 Author(s): Saintonge A, Kauffmann G, Wang J, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 61-76 Published: JUL 2011
 ♦ IRAM: 30m
 ♦ Otros: Galex; SDSS
246. [T Tauri candidates and accretion rates using IPHAS: method and application to IC 1396](#)
 Author(s): Barentsen G, Vink JS, Drew JE, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 103-132 Published: JUL 2011
 ♦ ORM: INT
247. [Optical and mid-infrared observations of the planetary nebula NGC 6781](#)
 Author(s): Phillips JP, Ramos-Larios G, Guerrero MA
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 513-524 Published: JUL 2011
 ♦ ORM: NOT/ALFOSC
 ♦ ESA: Hubble ; ISO

- ◆ Otros: Spitzer
248. [Constraints on the formation of the globular cluster IC 4499 from multiwavelength photometry](#)
 Author(s): Walker AR, Kunder AM, Andreuzzi G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 643-654 Published: JUL 2011
- ◆ ESO (La Silla): NTT/EMMI
 - ◆ Otros: CTIO Blanco 4-m telescope; 6.5-m Magellan Baade Telescope
249. [Age patterns in a sample of spiral galaxies](#)
 Author(s): Sánchez-Gil MC, Jones DH, Perez E, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 753-772 Published: JUL 2011
IAA-CSIC
- ◆ ORM: WHT
 - ◆ Otros: Galex
250. [The first release of data from the Herschel ATLAS: the SPIRE images](#)
 Author(s): Pascale E, Auld R, Dariush A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 911-917 Published: JUL 2011
- ◆ ESA: Herschel
251. [A PRECISE CLUSTER MASS PROFILE AVERAGED FROM THE HIGHEST-QUALITY LENSING DATA](#)
 Author(s): Umetsu K, Broadhurst T, Zitrin A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 1 Article Number: 41 Published: SEP 1 2011
- ◆ ESA: Hubble
 - ◆ Otros: Subaru
252. [A MULTI-WAVELENGTH STUDY OF THE STAR-FORMING CORE AHEAD OF HH 80N](#)
 Author(s): Masque JM, Osorio M, Girart JM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 1 Article Number: 43 Published: SEP 1 2011
- ◆ ESO (Paranal): VLT/VISIR
 - ◆ ESO: APEX/SABOCA
 - ◆ IRAM: 30m; PdBI
 - ◆ ESA: AKARI
 - ◆ Otros: VLA; Spitzer
253. [ON STAR FORMATION RATES AND STAR FORMATION HISTORIES OF GALAXIES OUT TO \$z\$ similar to 3](#)
 Author(s): Wuyts S, Schreiber NMF, Lutz D, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 1 Article Number: 106 Published: SEP 1 2011
- ◆ ESA: Herschel/PACS; Hubble/ACS

- ◆ ESO (Paranal): VLT/ISAAC/SINFONI
 - ◆ Otros: Spitzer
254. [GAMA/H-ATLAS: the ultraviolet spectral slope and obscuration in galaxies](#)
 Author(s): Wijesinghe DB, da Cunha E, Hopkins AM, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1002-1012 Published: AUG 2011
- ◆ ESA: Herschel
 - ◆ ESO (Paranal): VISTA; VST
 - ◆ Otros: AAT; Galex; SDSS; UKIDSS
255. [The pulsations of PG 1351+489](#)
 Author(s): Redaelli M, Kepler SO, Costa JES, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1220-1227 Published: AUG 2011
- ◆ ORM: INT (WET: Whole Earth Telescope)
 - ◆ Otros: McDonald 2.1 m; Pic du Midi 2.0 m; Wise 1.0 m
256. [The cool ZZ Ceti star PG 2303+243: observations and analysis of variability in 2004](#)
 Author(s): Pakstiene E, Solheim JE, Handler G, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1322-1333 Published: AUG 2011
- ◆ ORM: NOT
 - ◆ OT: IAC-80
 - ◆ Otros: Steward Observatory's Mt Lemmon 1.5-m telescope; etc
257. [The Planck-ATCA Co-eval Observations project: the bright sample](#)
 Author(s): Massardi M, Bonaldi A, Bonavera L, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1597-1610 Published: AUG 2011
- ◆ ESA: Planck
258. [A pilot study for the SCUBA-2 'All-Sky' Survey](#)
 Author(s): Mackenzie T, Braglia FG, Gibb AG, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1950-1960 Published: AUG 2011
- ◆ ESA: AKARI
 - ◆ Otros: JCMT; Spitzer. NED database
259. [Pre main sequence stars as UV sources for the World Space Observatory-UV mission](#)
 Author(s): de Castro AIG, Lamzin SA
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 335 Issue: 1
 Pages: 61-68 Published: SEP 2011
UCM
- ◆ ESA: Hubble

260. [Gravitationally lensed QSOs in the ISSIS/WSO-UV era](#)
 Author(s): Goicoechea LJ, Shalyapin VN, Gil-Merino R
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 335 Issue: 1
 Pages: 237-242 Published: SEP 2011
UC
 ◆ **ORM: NOT; LT**
 ◆ Otros: Chandra; Swift
261. [SN 2008in-BRIDGING THE GAP BETWEEN NORMAL AND FAINT SUPERNOVAE OF TYPE IIP](#)
 Author(s): Roy R, Kumar B, Benetti S, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article
 Number: 76 Published: AUG 1 2011
 ◆ **ESO (La Silla): NTT/EFOSC2**
 ◆ Otros: ROTSE-IIIb telescope; Swift; HIT; IGO; BTA
262. [AN H alpha NUCLEAR SPIRAL STRUCTURE IN THE E0 ACTIVE GALAXY Arp 102B](#)
 Author(s): Fathi K, Axon DJ, Storchi-Bergmann T, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article
 Number: 77 Published: AUG 1 2011
IAC
 ◆ **ESA: Hubble/ACS**
 ◆ Otros: VLA
263. [THE SPIN OF THE SUPERMASSIVE BLACK HOLE IN NGC 3783](#)
 Author(s): Brenneman LW, Reynolds CS, Nowak MA, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article
 Number: 103 Published: AUG 1 2011
 ◆ **ESA: Suzaku**
264. [FERMI LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION](#)
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article
 Number: 131 Published: AUG 1 2011
 ◆ **ORM: MAGIC**
 ◆ Otros: Fermi-LAT; RXTE; VLBA; Swift
265. [A PECULIAR YOUNG ERUPTIVE STAR IN THE DARK CLOUD LYNDS 1340](#)
 Author(s): Kun M, Szegedi-Elek E, Moor A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 1
 Article Number: L8 Published: MAY 20 2011
 ◆ **OT: IAC-80**
 ◆ **CAHA: 2.2m/CAFOS/MAGIC**
 ◆ **ORM: WHT/ISIS; NOT/NOTCam**

- ◆ Otros: Spitzer; 60/90/180 cm Schmidt telescope; Apache Point Observatory 3.5 m telescope

- 266. [DYNAMICAL STRUCTURE OF THE MOLECULAR INTERSTELLAR MEDIUM IN AN EXTREMELY BRIGHT, MULTIPLY LENSED z similar or equal to 3 SUBMILLIMETER GALAXY DISCOVERED WITH HERSCHEL](#)
 Author(s): Riechers DA, Cooray A, Omont A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 1
 Article Number: L12 Published: MAY 20 2011
 - ◆ IRAM: PdBI
 - ◆ Otros: GBT; CARMA

- 267. [MASSIVE MOLECULAR OUTFLOWS AND NEGATIVE FEEDBACK IN ULIRGs OBSERVED BY HERSCHEL-PACS](#)
 Author(s): Sturm E, Gonzalez-Alfonso E, Veilleux S, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 1
 Article Number: L16 Published: MAY 20 2011
 - ◆ ESA: Herschel/PACS

- 268. [THE 2010 MAY FLARING EPISODE OF CYGNUS X-3 IN RADIO, X-RAYS, AND gamma-RAYS](#)
 Author(s): Williams PKG, Tomsick JA, Bodaghee A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 2
 Article Number: 20 Published: JUN 1 2011
 - ◆ ESA: INTEGRAL
 - ◆ Otros: AMI, ATA, Fermi, RATAN, RXTE, Swift

- 269. [EPOXI: COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN](#)
 Author(s): Meech KJ, A'Hearn MF, Adams JA, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1
 Article Number: L1 Published: JUN 10 2011
 - ◆ ESA: Hubble; SoHO; Herschel
 - ◆ OT: IAC-80
 - ◆ Otros: Spitzer; WISE; Swift; ODIN; Chandra; Gemini; Subaru

- 270. [ROTATION STATE OF COMET 103P/HARTLEY 2 FROM RADIO SPECTROSCOPY AT 1 mm](#)
 Author(s): Drahus M, Jewitt D, Guilbert-Lepoutre A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1
 Article Number: L4 Published: JUN 10 2011
 - ◆ IRAM: 30m
 - ◆ Otros: JCMT; CSO

271. [HerMES: LYMAN BREAK GALAXIES INDIVIDUALLY DETECTED AT \$0.7 \leq z \leq 2.0\$ IN GOODS-N WITH HERSCHEL/SPIRE](#)
Author(s): Burgarella D, Heinis S, Magdis G, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1
Article Number: L12 Published: JUN 10 2011
- ◆ ESA: Herschel
 - ◆ Otros
272. [HERSCHEL/HIFI OBSERVATIONS OF HYDROGEN FLUORIDE TOWARD SAGITTARIUS B2\(M\)](#)
Author(s): Monje RR, Emprechtinger M, Phillips TG, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1
Article Number: L23 Published: JUN 10 2011
- ◆ ESA: Herschel
 - ◆ IRAM: 30m
273. [THE REMARKABLE gamma-RAY ACTIVITY IN THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211](#)
Author(s): Donnarumma I, De Rosa A, Vittorini V, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 736 Issue: 2
Article Number: L30 Published: AUG 1 2011
- ◆ ESA: INTEGRAL
 - ◆ Otros: AGILE; Swift
274. [THE BRIGHTEST GAMMA-RAY FLARING BLAZAR IN THE SKY: AGILE AND MULTI-WAVELENGTH OBSERVATIONS OF 3C 454.3 DURING 2010 NOVEMBER](#)
Author(s): Vercellone S, Striani E, Vittorini V, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 736 Issue: 2
Article Number: L38 Published: AUG 1 2011
- ◆ ESA: INTEGRAL
 - ◆ Otros: AGILE, Swift, WEBT, AAVSO, SMA
275. [AT LAST-A V777 HER PULSATOR IN THE KEPLER FIELD](#)
Author(s): Ostensen RH, Bloemen S, Vuckovic M, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 736 Issue: 2
Article Number: L39 Published: AUG 1 2011
- ◆ ORM: WHT/ISIS
 - ◆ Otros: Kepler
276. [THE TeV BINARY HESS J0632+057 IN THE LOW AND HIGH X-RAY STATE](#)
Author(s): Rea N, Torres DF
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 737 Issue: 1
Article Number: L12 Published: AUG 10 2011
IIEC-CSIC
- ◆ ESA: XMM-Newton
 - ◆ Otros: Chandra

277. [THE MOST DISTANT COMPACT GROUPS](#)
 Author(s): Gutierrez CM
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 737 Issue: 1
 Article Number: L21 Published: AUG 10 2011
IAC/ Univ La Laguna
 ◆ ORM: INT
 ◆ GTC/OSIRIS
 ◆ Otros: SDSS database
278. [EXTREMELY BROAD RADIO RECOMBINATION MASER LINES TOWARD THE HIGH-VELOCITY IONIZED JET IN CEPHEUS A HW2](#)
 Author(s): Jiménez-Serra I, Martín-Pintado J, Baez-Rubio A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 2
 Article Number: L27 Published: MAY 10 2011
 ◆ IRAM: 30m; PdBI
 ◆ Otros: SMA
279. [EVIDENCE OF A DISTINCT STELLAR POPULATION IN THE COUNTERROTATING CORE OF NGC 1700](#)
 Author(s): Kleineberg K, Sánchez-Blázquez P, Vazdekis A
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 2
 Article Number: L33 Published: MAY 10 2011
IAC/ Univ La Laguna
 ◆ ORM: WHT/ISIS
280. [DISCOVERY OF A MULTIPLY LENSED SUBMILLIMETER GALAXY IN EARLY HerMES HERSCHEL/SPIRE* DATA](#)
 Author(s): Conley A, Cooray A, Vieira JD, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 2
 Article Number: L35 Published: MAY 10 2011
 ◆ ESA: Herschel
 ◆ IRAM: PdBI
 ◆ ORM: INT/WFC
 ◆ Otros: SMA; Subaru; Spitzer
281. [The SAURON project - XVIII. The integrated UV-line-strength relations of early-type galaxies](#)
 Author(s): Bureau M, Jeong H, Yi SK, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 1887-1902 Published: JUL 2011
 ◆ ORM: WHT
 ◆ Otros: GALEX; 1.3-m McGraw-Hill Telescope
282. [The morphologies and masses of extremely red galaxies in the Groth Strip](#)
 Author(s): Hempel A, Cristóbal-Hornillos D, Prieto M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 2246-2264 Published: JUL 2011
IAC/ Univ La Laguna

- ◆ ESA: Hubble/WFPC2
 - ◆ ORM: WHT/INGRID; INT/WFC
283. [Random forest automated supervised classification of Hipparcos periodic variable stars](#)
 Author(s): Dubath P, Rimoldini L, Suveges M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 2602-2617 Published: JUL 2011
- ◆ ESA: Hipparcos
284. [Effect of magnetic activity saturation in chromospheric flux-flux relationships](#)
 Author(s): Martínez-Arnáiz R, López-Santiago J, Crespo-Chacon I, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 2629-2641 Published: JUL 2011
 UCM
- ◆ ESO (La Silla): MPG 2.2m/FEROS
 - ◆ Otros: SIMBAD database
285. [First Kepler results on compact pulsators - VI. Targets in the final half of the survey phase](#)
 Author(s): Østensen RH, Silvotti R, Charpinet S, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 2860-2870 Published: JUL 2011
- ◆ ORM: NOT; WHT
 - ◆ Otros: Kepler
286. [First Kepler results on compact pulsators - VIII. Mode identifications via period spacings in g-mode pulsating subdwarf B stars](#)
 Author(s): Reed MD, Baran A, Quint AC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 2885-2892 Published: JUL 2011
- ◆ ESA: CoRoT
 - ◆ Otros: Kepler
287. [Nearby stars of the Galactic disc and halo - V](#)
 Author(s): Fuhrmann K
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 2893-2922 Published: JUL 2011
- ◆ CAHA: 2.2m/FOCES
 - ◆ ESA: Hipparcos catalogue
 - ◆ Otros: SIMBAD database
288. [The spin-orbit angles of the transiting exoplanets WASP-1b, WASP-24b, WASP-38b and HAT-P-8b from Rossiter-McLaughlin observations](#)
 Author(s): Simpson EK, Pollacco D, Cameron AC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3023-3035 Published: JUL 2011
- ◆ ORM: NOT/FIES

- ◆ ESO (La Silla): 3.6m/HAPS
 - ◆ CAHA: 1.2m
 - ◆ Otros: 1.93-m telescope OHP/SOPHIE
289. [The HST/ACS Coma Cluster Survey - VI. Colour gradients in giant and dwarf early-type galaxies](#)
 Author(s): den Brok M, Peletier RF, Valentijn EA, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3052-3070 Published: JUL 2011
- ◆ ESA: Hubble/ACS
 - ◆ Otros: NED database
290. [The XMM-Newton survey of the Small Magellanic Cloud: XMMU J005011.2-730026=SXP 214, a Be/X-ray binary pulsar](#)
 Author(s): Coe MJ, Haberl F, Sturm R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3281-3287 Published: JUL 2011
- ◆ ESA: XMM-Newton
 - ◆ Otros: Faulkes Telescope; 1.9m SAAO
291. [NGC2419: a large and extreme second generation in a currently undisturbed cluster](#)
 Author(s): Di Criscienzo M, D'Antona F, Milone AP, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3381-3393 Published: JUL 2011
- ◆ ESA: Hubble
292. [The Young Exoplanet Transit Initiative \(YETI\)](#)
 Author(s): Neuhauser R, Errmann R, Berndt A, et al.
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 332 Issue: 6 Pages: 547-561 Published: JUL 2011
- ◆ CAHA: 2.2m/CAFOS
 - ◆ Otros: Jena 90/60-cm telescope; YETI telescope network.
293. [MAGIC DISCOVERY OF VERY HIGH ENERGY EMISSION FROM THE FSRQ PKS 1222+21](#)
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 730 Issue: 1 Article Number: L8 Published: MAR 20 2011
- ◆ ORM: MAGIC
 - ◆ Otros: Fermi-LAT
294. [GALEX J201337.6+092801: THE LOWEST GRAVITY SUBDWARF B PULSATOR](#)
 Author(s): Ostensen RH, Papics PI, Oreiro R, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 731 Issue: 1 Article Number: L13 Published: APR 10 2011
- ◆ ORM: Mercator
 - ◆ Otros: GALEX

295. [DISENTANGLING THE ENVIRONMENT OF THE FU ORIONIS CANDIDATE HBC 722 WITH HERSCHEL](#)
 Author(s): Green JD, Evans NJ, Kospal A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 731 Issue: 2
 Article Number: L25 Published: APR 20 2011
 ♦ **ESA: Herschel**
296. [NON-DETECTION OF MAGNETIC FIELDS IN THE CENTRAL STARS OF THE PLANETARY NEBULAE NGC 1360 AND LSS 1362](#)
 Author(s): Leone F, Gonzalez MJM, Corradi RLM, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 731 Issue: 2
 Article Number: L33 Published: APR 20 2011
 ♦ **ESO (Paranal): VLT/FORS**
297. [THE INTERMEDIATE-MASS YOUNG STELLAR OBJECT 08576nr292: DISCOVERY OF A DISK-JET SYSTEM](#)
 Author(s): Ellerbroek LE, Kaper L, Bik A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 1
 Article Number: L9 Published: MAY 1 2011
 ♦ **ESO (Paranal): VLT/ SINFONI/ X-shooter**
298. [ASTROPHYSICAL PARAMETERS OF LS 2883 AND IMPLICATIONS FOR THE PSR B1259-63 GAMMA-RAY BINARY](#)
 Author(s): Negueruela I, Ribo M, Herrero A, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 1
 Article Number: L11 Published: MAY 1 2011
Univ Alicante
 ♦ **ESO (Paranal): VLT/UVES**
 ♦ Otros: 1.9m SAAO
299. [A SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM SCORPIUS X-1 WITH THE MAGIC TELESCOPES](#)
 Author(s): Aleksic J, Alvarez EA, Antonelli LA, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 735 Issue: 1
 Article Number: L5 Published: JUL 1 2011
IFAE
 ♦ **ORM: MAGIC**
 ♦ Otros: RXTE
300. [ON THE LOCATION OF THE gamma-RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM](#)
 Author(s): Agudo I, Marscher AP, Jorstad SG, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 735 Issue: 1
 Article Number: L10 Published: JUL 1 2011
IAA-CSIC
 ♦ **IRAM: 30m**
 ♦ **CAHA: 2.2m**

- ◆ Otros: VLBA; Steward Observatory; ...Fermi-LAT; Swift

- 301. [FIR MEASUREMENTS OF Ly alpha EMITTERS AT z less than or similar to 1.0: DUST ATTENUATION FROM PACS-HERSCHEL](#)
 Author(s): Oteo I, Bongiovanni A, Garcia AMP, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 735 Issue: 1
 Article Number: L15 Published: JUL 1 2011
IAC/ Univ La Laguna
 - ◆ **ESA: Herschel**
 - ◆ Otros: Spitzer; GALEX

- 302. [A MOLECULAR STAR FORMATION LAW IN THE ATOMIC-GAS-DOMINATED REGIME IN NEARBY GALAXIES](#)
 Author(s): Schruha A, Leroy AK, Walter F, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 2 Article
 Number: 37 Published: AUG 2011
 - ◆ **IRAM: 30m**
 - ◆ Otros: VLA; Galex; Spitzer; NED database

- 303. [ECLIPSING BINARY SCIENCE VIA THE MERGING OF TRANSIT AND DOPPLER EXOPLANET SURVEY DATA-A CASE STUDY WITH THE MARVELS PILOT PROJECT AND SuperWASP](#)
 Author(s): Fleming SW, Maxted PFL, Hebb L, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 2 Article
 Number: 50 Published: AUG 2011
 - ◆ **ORM: SuperWASP**
 - ◆ Otros: Apache Point Observatory 3.5mtelescope; SDSS; 2MASS

- 304. [METALLICITIES, AGE-METALLICITY RELATIONSHIPS, AND KINEMATICS OF RED GIANT BRANCH STARS IN THE OUTER DISK OF THE LARGE MAGELLANIC CLOUD](#)
 Author(s): Carrera R, Gallart C, Aparicio A, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 2 Article
 Number: 61 Published: AUG 2011
IAC/ Univ La Laguna
 - ◆ **ESO (Paranal): VLT/FLAMES**
 - ◆ **ESO (La Silla): MPG 2.2m /WFI**

- 305. [SUBMILLIMETER ARRAY/PLATEAU DE BURE INTERFEROMETER MULTIPLE LINE OBSERVATIONS OF THE NEARBY SEYFERT 2 GALAXY NGC 1068: SHOCK-RELATED GAS KINEMATICS AND HEATING IN THE CENTRAL 100 pc?](#)
 Author(s): Krips M, Martin S, Eckart A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 1 Article
 Number: 37 Published: JUL 20 2011
 - ◆ **IRAM: PdBI**
 - ◆ Otros: SMA

306. [The discovery of the T8.5 dwarf UGPS J0521+3640](#)
 Author(s): Burningham B, Lucas PW, Leggett SK, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: L90-L94 Published: JUN 2011
 ♦ ORM: TNG
 ♦ Gemini -North telescope.
307. [Abundance determination of multiple star-forming regions in the H II galaxy SDSS J165712.75+321141.4](#)
 Author(s): Hägele GF, Garcia-Benito R, Pérez-Montero E, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 272-288 Published: JUN 2011
UAM
 ♦ CAHA: 3.5m/TWIN
 ♦ Otros: SDSS; NED; SIMBAD databases
308. [Variable Ly alpha sheds light on the environment surrounding GRB 090426](#)
 Author(s): Thöne EC, Campana S, Lazzati D, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 479-488 Published: JUN 2011
IAA-CSIC
 ♦ ORM: NOT/ MOSCA/ ALFOSC
 ♦ ESO (Paranal): VLT/ FORS2
309. [Blue not brown: UKIRT Infrared Deep Sky Survey T dwarfs with suppressed K-band flux](#)
 Author(s): Murray DN, Burningham B, Jones HRA, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 575-586 Published: JUN 2011
 ♦ OT: TCS
 ♦ Otros: SDSS; UKIRT; SIMBAD database
310. [HerMES: detection of cosmic magnification of submillimetre galaxies using angular cross-correlation](#)
 Author(s): Wang L, Cooray A, Farrah D, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 596-601 Published: JUN 2011
 ♦ ESA: Herschel
311. [DISCOVERY OF AN ACTIVE GALACTIC NUCLEUS DRIVEN MOLECULAR OUTFLOW IN THE LOCAL EARLY-TYPE GALAXY NGC 1266](#)
 Author(s): Alatalo K, Blitz L, Young LM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 2 Article Number: 88 Published: JUL 10 2011
 ♦ IRAM: 30m

312. [THE SPITZER EXTRAGALACTIC REPRESENTATIVE VOLUME SURVEY: THE ENVIRONMENTS OF HIGH-z SDSS QUASI-STELLAR OBJECTS](#)
 Author(s): Falder JT, Stevens JA, Jarvis MJ, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 2 Article Number: 123 Published: JUL 10 2011
 ♦ ORM: INT
 ♦ Spitzer
313. [Evidence for a black hole in the X-ray transient XTE J1859+226](#)
 Author(s): Corral-Santana JM, Casares J, Shahbaz T, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: L15-L19 Published: MAY 2011
IAC/ Univ La Laguna
 ♦ GTC/OSIRIS
 ♦ ORM: NOT/ALFOSC; WHT/ACAM
314. [THE SPITZER SURVEY OF INTERSTELLAR CLOUDS IN THE GOULD BELT. III. A MULTI-WAVELENGTH VIEW OF CORONA AUSTRALIS](#)
 Author(s): Peterson DE, Garatti ACO, Bourke TL, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 194 Issue: 2 DOI: 10.1088/0067-0049/194/2/43 Published: JUN 2011
 ♦ ESO (La Silla): NTT
 ♦ ESO (Paranal): VLT/ISAAC
 ♦ Otros: Spitzer; SMA; ROSAT; 2MASS
315. [NEW CONSTRAINTS ON THE ORIGIN OF THE SHORT-TERM CYCLICAL VARIABILITY OF THE WOLF-RAYET STAR WR 46](#)
 Author(s): Henault-Brunet V, St-Louis N, Marchenko SV, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article Number: 13 Published: JUL 1 2011
 ♦ ESA: XMM-Newton
 ♦ FUSE (*Far Ultraviolet Spectroscopic Explorer*)
316. [BLUE LUMINOUS STARS IN NEARBY GALAXIES-UIT 005: A POSSIBLE LINK TO THE LUMINOUS BLUE VARIABLE STAGE](#)
 Author(s): Urbaneja MA, Herrero A, Lennon DJ, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article Number: 39 Published: JUL 1 2011
 ♦ ESA: Hubble/WFPC2
 ♦ ORM: WHT
 ♦ Otros: Keck Observatory Archive; 2MASS
317. [MULTIWAVELENGTH OBSERVATIONS OF THE GAMMA-RAY BLAZAR PKS 0528+134 IN QUIESCENCE](#)
 Author(s): Palma NI, Bottcher M, de la Calle I, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article Number: 60 Published: JUL 1 2011

- ◆ **ESA: XMM-Newton; Suzaku**
 - ◆ **Otros: RXTE; Fermi-LAT; the Whole Earth Blazar Telescope**
318. [MAGNETOACOUSTIC WAVE ENERGY FROM NUMERICAL SIMULATIONS OF AN OBSERVED SUNSPOT UMBRA](#)
 Author(s): Felipe T, Khomenko E, Collados M
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article
 Number: 65 Published: JUL 1 2011
IAC/ Univ La Laguna
- ◆ **OT: VTT**
319. [THE AFTERGLOWS OF SWIFT-ERA GAMMA-RAY BURSTS. II. TYPE I GRB VERSUS TYPE II GRB OPTICAL AFTERGLOWS](#)
 Author(s): Kann DA, Klose S, Zhang B, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 2 Article
 Number: 96 Published: JUN 20 2011
- ◆ **ESO (Paranal): VLT/FORS1**
 - ◆ **ORM: TNG/DOLORES**
 - ◆ **Otros: TLS; SMARTS**
320. [THE SUZAKU VIEW OF 3C 382](#)
 Author(s): Sambruna RM, Tombesi F, Reeves JN, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 2 Article
 Number: 105 Published: JUN 20 2011
- ◆ **ESA: XMM-Newton; Suzaku**
 - ◆ **Otros: Swift**
321. [AN INTERFEROMETRIC AND SPECTROSCOPIC ANALYSIS OF THE MULTIPLE STAR SYSTEM HD 193322](#)
 Author(s): ten Brummelaar TA, O'Brien DP, Mason BD, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 1 Article
 Number: 21 Published: JUL 2011
- ◆ **ORM: NOT**
 - ◆ **Otros: Mayall 4 m telescope ; CFHT; 1.8 m Perkins Telescope; 1.8 m Plaskett Telescope**
322. [INFRARED AND OPTICAL POLARIMETRY AROUND THE LOW-MASS STAR-FORMING REGION NGC 1333 IRAS 4A](#)
 Author(s): Alves FO, Acosta-Pulido JA, Girart JM, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 1 Article
 Number: 33 Published: JUL 2011
- ◆ **ORM: WHT/LIRIS**
 - ◆ **1.6 m Telescope of the Observat'orio do Pico dos Dias**

323. [WASP-40b: Independent Discovery of the 0.6 M-Jup Transiting Exoplanet HAT-P-27b](#)
 Author(s): Anderson DR, Barros SCC, Boisse I, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 903 Pages: 555-560 Published: MAY 2011
- ◆ ORM: Super Wasp North ; LT
 - ◆ Super Wasp South
 - ◆ OHP telescope
324. [A strongly star-forming group: three massive galaxies associated with a quasi-stellar object](#)
 Author(s): Carrera FJ, Page MJ, Stevens JA, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 4 Pages: 2791-2807 Published: JUN 2011
IFCA-CSIC/UC
- ◆ ORM: WHT; INT
 - ◆ ESA: XMM-Newton
 - ◆ Otros: Gemini; UKIRT; JCMT; VLA; GMRT; Spitzer
 - ◆ 2MASS database
325. [J08069+1527: a newly discovered high-amplitude, hybrid subdwarf B pulsator](#)
 Author(s): Baran AS, Gilker JT, Reed MD, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 4 Pages: 2838-2844 Published: JUN 2011
- ◆ ORM: NOT; Mercator
326. [SPATIALLY RESOLVED SPECTROSCOPY AND CHEMICAL HISTORY OF STAR-FORMING GALAXIES IN THE HERCULES CLUSTER: THE EFFECTS OF THE ENVIRONMENT](#)
 Author(s): Petropoulou V, Vilchez J, Iglesias-Paramo J, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 32 Published: JUN 10 2011
- ◆ ORM: ING; WHT
 - ◆ NED database
327. [EVIDENCE FOR A CORRELATION BETWEEN THE Si II lambda 4000 WIDTH AND TYPE Ia SUPERNOVA COLOR](#)
 Author(s): Nordin J, Ostman L, Goobar A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 42 Published: JUN 10 2011
- ◆ ORM: NOT/ALFOSC
 - ◆ ESO (La Silla): NTT

328. [CONNECTION BETWEEN THE ACCRETION DISK AND JET IN THE RADIO GALAXY 3C 111](#)
 Author(s): Chatterjee R, Marscher AP, Jorstad SG, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 43 Published: JUN 10 2011
 ♦ ORM: LT
 ♦ CAHA: 2.2m
 ♦ ESA: Hubble
 ♦ Otros: RXTE; VLBA; Perkins Telescope
329. [THE RADIO-2 mm SPECTRAL INDEX OF THE CRAB NEBULA MEASURED WITH GISMO](#)
 Author(s): Arendt RG, George JV, Staguhn JG, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 54 Published: JUN 10 2011
 ♦ IRAM: 30m
 ♦ NASA: Spitzer
330. [A search for new hot subdwarf stars by means of Virtual Observatory tools](#)
 Author(s): Oreiro R, Rodriguez-Lopez C, Solano E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A2 Published: JUN 2011
 IAA-CSIC
 ♦ ORM: INT; WHT
 ♦ Database/survey (varios)
331. [MAGIC Observations and multiwavelength properties of the quasar 3C 279 in 2007 and 2009](#)
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A4 Published: JUN 2011
 IFAE
 ♦ ORM: MAGIC; KVA
 ♦ La Silla (no ESO): REM
 ♦ Fermi-LAT
 ♦ Swift
332. [Spectroscopic and physical parameters of Galactic O-type stars I. Effects of rotation and spectral resolving power in the spectral classification of dwarfs and giants](#)
 Author(s): Markova N, Puls J, Scuderi S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A11 Published: JUN 2011
 ♦ ESO (La Silla): MPG 2.2m/FEROS

333. [Asymmetries of the Stokes V profiles observed by HINODE SOT/SP in the quiet Sun](#)
 Author(s): Viticchic B, Almeida JS
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A14 Published: JUN 2011
 ♦ ESA: Hinode
334. [Comparison of an X-ray-selected sample of massive lensing clusters with the MARENOSTRUM UNIVERSE Lambda CDM simulation](#)
 Author(s): Meneghetti M, Fedeli C, Zitrin A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A17 Published: JUN 2011
 ♦ Teorico/observaciones
 ♦ ESA: Hubble
335. [Hubble Space Telescope study of resolved red giant stars in the outer halos of nearby dwarf starburst galaxies](#)
 Author(s): Rys A, Grocholski AJ, van der Marel RP, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A23 Published: JUN 2011
 ♦ ESA: Hubble/WFPC2/ ACS
336. [The X-ray spectral properties of the AGN population in the XMM-Newton bright serendipitous survey](#)
 Author(s): Corral A, Della Ceca R, Caccianiga A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A42 Published: JUN 2011
 ♦ ESA: XMM-Newton
337. [A detailed study of the H II region M 43 and its ionizing star](#)
 Author(s): Simón-Díaz S, Garcia-Rojas J, Esteban C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A57 Published: JUN 2011
IAC/ Univ La Laguna
 ♦ ORM: INT/WFC; WHT/ISIS
338. [Beryllium abundances in stars with planets Extending the sample](#)
 Author(s): Gálvez-Ortiz MC, Delgado-Mena E, Hernandez JIG, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A66 Published: JUN 2011
 ♦ ESO (Paranal): VLT/UVES
 ♦ SIMBAD database
339. [Accurate p-mode measurements of the G0V metal-rich CoRoT target HD 52265](#)
 Author(s): Ballot J, Gizon L, Samadi R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A97 Published: JUN 2011
 ♦ ESA: CoRoT

- ◆ SIMBAD database

- 340. [A new planetary nebula in the outer reaches of the Galaxy](#)
 Author(s): Viironen K, Mampaso A, Corradi RLM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 A107 Published: JUN 2011
IAC/CAHA/CEFCA
 - ◆ ORM: INT/WFC; WHT/ISIS; NOT/ALFOSC
 - ◆ SPM 2.1 m

- 341. [The VLT-FLAMES Tarantula Survey I. Introduction and observational overview](#)
 Author(s): Evans CJ, Taylor WD, Henault-Brunet V, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 A108 Published: JUN 2011
 - ◆ ESO (Paranal): VLT/FLAMES

- 342. [Exploring the galaxy cluster-group transition regime at high redshifts](#)
[Physical properties of two newly detected \$z > 1\$ systems](#)
 Author(s): Suhada R, Fassbender R, Nastasi A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 A110 Published: JUN 2011
 - ◆ ESA: XMM-Newton
 - ◆ ESO (Paranal): VLT/FORS2
 - ◆ CAHA: 3.5m

- 343. [Ubiquitous quiet-Sun jets](#)
 Author(s): Pillet VM, Iniesta JCD, Noda CQ
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 A111 Published: JUN 2011
IAC
 - ◆ ESA: Hinode

- 344. [A comprehensive approach to analyzing the XMM-Newton data of Seyfert 1 galaxies](#)
 Author(s): Cardaci MV, Santos-Lleo M, Hagele GF, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 A125 Published: JUN 2011
UAM/ESAC
 - ◆ ESA: XMM-Newton

- 345. [About the p-mode frequency shifts in HD 49933](#)
 Author(s): Salabert D, Regulo C, Ballot J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 A127 Published: JUN 2011
IAC/ Univ La Laguna/CNRS
 - ◆ ESA: CoRoT

346. [IKT 16: a composite supernova remnant in the Small Magellanic Cloud](#)
Author(s): Owen RA, Filipovic MD, Ballet J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A132 Published: JUN 2011
- ◆ ESA: XMM-Newton
 - ◆ Otros: Curtis Schmidt telescope; 2.3-m Advanced Technology Telescope; ATCA
347. [Detection of CH⁺ emission from the disc around HD 100546](#)
Author(s): Thi WF, Menard F, Meeus G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: L2 Published: JUN 2011
- ◆ ESA: Herschel/PACS
348. [Observation of H₂O in a strongly lensed Herschel-ATLAS source at z=2.3](#)
Author(s): Omont A, Neri R, Cox P, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: L3 Published: JUN 2011
- ◆ ESA: Herschel
 - ◆ IRAM: PdBI
349. [The VLT-FLAMES Tarantula Survey II. R139 revealed as a massive binary system](#)
Author(s): Taylor WD, Evans CJ, Sana H, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: L10 Published: JUN 2011
- ◆ ESO (Paranal): VLT/FLAMES
 - ◆ ESO (La Silla): MPG 2.2 m/ FEROS
350. [New observations of asteroid \(175706\) 1996 FG3, primary target of the ESA Marco Polo-R mission](#)
Author(s): de León J, Mothe-Diniz T, Licandro J, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: L12 Published: JUN 2011
- IAA-CSIC
- ◆ ORM: TNG/NICS
351. [The VLT-FLAMES Tarantula Survey III. A very massive star in apparent isolation from the massive cluster R136](#)
Author(s): Bestenlehner JM, Vink JS, Grafener G, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: L14 Published: JUN 2011
- ◆ ESO (Paranal): VLT/FLAMES

352. [Disk and wind kinematics in MWC 349 A](#)
 Author(s): Martín-Pintado J, Thum C, Planesas P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 L15 Published: JUN 2011
CAB (CSIC-INTA)
 ♦ IRAM: PdBI
353. [OH emission from warm and dense gas in the Orion Bar PDR](#)
 Author(s): Goicoechea JR, Joblin C, Contursi A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:
 L16 Published: JUN 2011
CAB (CSIC-INTA)
 ♦ ESA: Herschel/PACS
354. [Observational Evidence for Grain Growth](#)
 Author(s): Meeus G
 Source: EARTH MOON AND PLANETS Volume: 108 Issue: 1 Pages: 45-
 50 Published: MAY 2011
UAM
 ♦ ESA: ISO
 ♦ NASA: Spitzer
355. [Lucky Imaging Adaptive Optics of the brown dwarf binary GJ569Bab](#)
 Author(s): Femenía B, Rebolo R, Perez-Prieto JA, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
 SOCIETY Volume: 413 Issue: 3 Pages: 1524-1536 Published: MAY 2011
IAC/ Univ La Laguna
 ♦ ORM: WHT; NOT/FastCam
 ♦ OT: IAC-80/CAMELOT
356. [Strong-lensing analysis of MS 1358.4+6245: New multiple images and implications for the well-resolved \$z=4.92\$ galaxy](#)
 Author(s): Zitrin A, Broadhurst T, Coe D, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
 SOCIETY Volume: 413 Issue: 3 Pages: 1753-1763 Published: MAY 2011
 ♦ ESA: Hubble/ACS
357. [Two-dimensional H alpha kinematics of bulgeless disc galaxies](#)
 Author(s): Neumayer N, Walcher CJ, Andersen D, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
 SOCIETY Volume: 413 Issue: 3 Pages: 1875-1888 Published: MAY 2011
 ♦ CAHA: 3.5m
 ♦ ESA: Hubble
 ♦ Otros: 3.5-m WIYN telescope

358. [Pressure from dark matter annihilation and the rotation curve of spiral galaxies](#)
 Author(s): Wechakama M, Ascasibar Y
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 1991-2003 Published: MAY 2011
- ◆ Teórico/observaciones
 - ◆ **ESA: INTEGRAL**
 - ◆ Otros: Fermi-LAT; HESS
359. [The He-rich stripped-envelope core-collapse supernova 2008ax](#)
 Author(s): Taubenberger S, Navasardyan H, Maurer JI, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 2140-2156 Published: MAY 2011
- ◆ **ORM: TNG**
 - ◆ **CAHA: 2.2m**
 - ◆ Otros: Asiago 1.82 m and 1.22 m Telescopes (Italy), and the 1.08 m AZT-24 telescope (Campo Imperatore, Italy)
360. [A detailed spectral study of GRB 041219A and its host galaxy](#)
 Author(s): Götz D, Covino S, Hascoet R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 2173-2183 Published: MAY 2011
- ◆ **ORM: TNG**
 - ◆ **ESA: INTEGRAL**
 - ◆ Otros: Swift; CFHT; 2MASS catalogue
361. [A 2D multiwavelength study of the ionized gas and stellar population in the giant H II region NGC 588](#)
 Author(s): Monreal-Ibero A, Relano M, Kehrig C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 2242-2258 Published: MAY 2011
IAA-CSIC
- ◆ **CAHA: 3.5m**
 - ◆ Otros: Spitzer
362. [REDSHIFT DETERMINATION AND CO LINE EXCITATION MODELING FOR THE MULTIPLY LENSED GALAXY HLSW-01](#)
 Author(s): Scott KS, Lupu RE, Aguirre JE, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article Number: 29 Published: MAY 20 2011
- ◆ **ESA: Herschel/SPIRE**
 - ◆ **IRAM: PdBI**
 - ◆ Otros: CSO (Z-Spec), GBT (Zspectrometer), CARMA, SMA,

363. [MASSIVE STARS IN THE CI 1813-178 CLUSTER: AN EPISODE OF MASSIVE STAR FORMATION IN THE W33 COMPLEX](#)
 Author(s): Messineo M, Davies B, Figer DF, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article
 Number: 41 Published: MAY 20 2011
 ♦ ESA: XMM-Newton
 ♦ Otros: Chandra; Keck; UKIRT
364. [FIVE NEW TRANSIT EPOCHS OF THE EXOPLANET OGLE-TR-111b](#)
 Author(s): Hoyer S, Rojo P, Lopez-Morales M, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article
 Number: 53 Published: MAY 20 2011
 ♦ ESO (Paranal): VLT/FORS1/FORS2
365. [XMM-NEWTON X-RAY AND ULTRAVIOLET OBSERVATIONS OF THE FAST NOVA V2491 Cyg DURING THE SUPERSOFT SOURCE PHASE](#)
 Author(s): Ness JU, Osborne JP, Dobrotka A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article
 Number: 70 Published: MAY 20 2011
 ♦ ESA: XMM-Newton
 ♦ Otros: AAVSO
366. [NH AND Mg INDEX TRENDS IN ELLIPTICAL GALAXIES](#)
 Author(s): Serven J, Worthey G, Toloba E, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 6 Article
 Number: 184 Published: JUN 2011
 ♦ ORM: WHT/ISIS
367. [Deep Impact, Stardust-NExT and the behavior of Comet 9P/Tempel 1 from 1997](#)
 Author(s): Meech KJ, Pittichova J, Yang B, et al.
 Source: ICARUS Volume: 213 Issue: 1 Pages: 323-344 Published: MAY 2011
 ♦ ORM: WHT; LT; TNG
 ♦ ESO (La Silla): NTT
 ♦ ESO (Paranal): VLT
 ♦ CAHA: 2.2m/CAFOS; 3.5m/LAICA
 ♦ Otros: BOAO; CFHT; CTIO; JCMT, etc
368. [Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1](#)
 Author(s): Belton MJS, Meech KJ, Chesley S, et al.
 Source: ICARUS Volume: 213 Issue: 1 Pages: 345-368 Published: MAY 2011
 ♦ ORM: WHT; LT
 ♦ ESO (La Silla): NTT
 ♦ ESO (Paranal): VLT
 ♦ ESA: Hubble

- ◆ Otros: Spitzer; McDonald Observatory; IAO; CREST; etc
369. [Two magnetars: SGR 1627-41 and 1E 1547-5408](#)
 Author(s): Mereghetti S, Tiengo A, Esposito P, et al.
 Source: ADVANCES IN SPACE RESEARCH Volume: 47 Issue: 8 Pages: 1312-1316 Published: APR 15 2011
- ◆ ESA: XMM-Newton
 - ◆ Otros: Chandra; Swift
370. [Study of the NGC 2770 interstellar medium through H-alpha, millimetric and optical polarimetric data of SN 2008D and SN 2007uy](#)
 Author(s): Gorosabel J, Postigo AD, Castro-Tirado AJ, et al.
 Source: ADVANCES IN SPACE RESEARCH Volume: 47 Issue: 8 Pages: 1421-1426 Published: APR 15 2011
IAA-CSIC
- ◆ GTC/OSIRIS
 - ◆ ORM: NOT
 - ◆ CAHA: 2.2m
 - ◆ IRAM: 30m
 - ◆ ESO (Paranal): VLT
371. [The Carina Project. IV. Radial Velocity Distribution](#)
 Author(s): Fabrizio M, Nonino M, Bono G, et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 902 Pages: 384-401 Published: APR 2011
- ◆ ESO (Paranal): VLT/FORS2/ GIRAFFE
 - ◆ 2MASS
372. [NGC 1866: a milestone for understanding the chemical evolution of stellar populations in the Large Magellanic Cloud](#)
 Author(s): Mucciarelli A, Cristallo S, Brocato E, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 2 Pages: 837-851 Published: MAY 2011
- ◆ ESO (Paranal): VLT/FLAMES
373. [ETHOS 1: a high-latitude planetary nebula with jets forged by a post-common-envelope binary central star](#)
 Author(s): Miszalski B, Corradi RLM, Boffin HMJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 2 Pages: 1264-1274 Published: MAY 2011
- ◆ ORM: Mercator; INT
 - ◆ ESO (Paranal): VLT/ FORS
374. [TESTING THE UNIFICATION MODEL FOR ACTIVE GALACTIC NUCLEI IN THE INFRARED: ARE THE OBSCURING TORI OF TYPE 1 AND 2 SEYFERTS DIFFERENT?](#)
 Author(s): Almeida CR, Levenson NA, Alonso-Herrero A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 2 Article Number: 92 Published: APR 20 2011

- ◆ **ESA: Hubble**
 - ◆ Gemini South/MIR
 - ◆ NED database
375. [VARIABILITY AND MULTIWAVELENGTH-DETECTED ACTIVE GALACTIC NUCLEI IN THE GOODS FIELDS](#)
 Author(s): Sarajedini VL, Koo DC, Klesman AJ, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 2 Article Number: 97 Published: APR 20 2011
- ◆ **ESA: Hubble**
376. [Which haloes host Herschel-ATLAS galaxies in the local Universe?](#)
 Author(s): Guo Q, Cole S, Lacey CG, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 4 Pages: 2277-2285 Published: APR 2011
- ◆ **ESA: Herschel**
 - ◆ **ESO (Paranal): VST; VISTA**
 - ◆ Otros: SDSS, UKIDSS, ASKAP, GMRT, GALEX; WISE
377. [The Hubble Space Telescope GOODS NICMOS Survey: overview and the evolution of massive galaxies at \$1.5 < z < 3\$](#)
 Author(s): Conselice CJ, Bluck AFL, Buitrago F, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 80-100 Published: MAY 2011
- ◆ **ESA: Hubble**
 - ◆ **ESO (Paranal): VLT/ISAAC/SOFI**
 - ◆ Otros: CFHT
378. [Evidence of an irradiated accretion disc in XTE J1818-245 star](#)
 Author(s): Heras JAZ, Chaty S, Bel MC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 235-240 Published: MAY 2011
- ◆ **ESO (La Silla): NTT**
 - ◆ SDSS
379. [Near-infrared polarimetry as a tool for testing properties of accreting supermassive black holes](#)
 Author(s): Zamaninasab M, Eckart A, Dovciak M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 322-332 Published: MAY 2011
- ◆ **ESO (Paranal): VLT/NACO**
380. [The Galactic plane at faint X-ray fluxes - I. Properties and characteristics of the X-ray source population](#)
 Author(s): Warwick RS, Perez-Ramirez D, Byckling K
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 595-610 Published: MAY 2011
- ◆ **ESA: XMM-Newton**
 - ◆ 2MASS database

381. [A tale of two GRB-SNe at a common redshift of \$z = 0.54\$](#)
 Author(s): Cano Z, Bersier D, Guidorzi C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 669-685 Published: MAY 2011
- ◆ ESA: Hubble
 - ◆ ORM: LT; WHT; INT
 - ◆ Otros: BAT; PROMPT; CTIO; FTS; *Gemini*; Swift ; AMI ; WSRT.....
382. [METHANE IN THE ATMOSPHERE OF THE TRANSITING HOT NEPTUNE GJ436B?](#)
 Author(s): Beaulieu JP, Tinetti G, Kipping DM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 1 Article Number: 16 Published: APR 10 2011
- ◆ ESA: Hubble
 - ◆ Spitzer
383. [SODIUM-OXYGEN ANTICORRELATION AND NEUTRON-CAPTURE ELEMENTS IN OMEGA CENTAURI STELLAR POPULATIONS](#)
 Author(s): Marino AF, Milone AP, Piotto G, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 1 Article Number: 64 Published: APR 10 2011
- ◆ ESO (Paranal): VLT/GIRAFFE/FLAMES
384. [The quasar PG 0844+349 in an X-ray weak state](#)
 Author(s): Gallo LC, Grupe D, Schartel N, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 1 Pages: 161-170 Published: MAR 2011
- ◆ ESA: XMM-Newton
 - ◆ Otros: Swift; NED database
385. [Galaxy stellar mass functions of different morphological types in clusters, and their evolution between \$z=0.8\$ and 0](#)
 Author(s): Vulcani B, Poggianti BM, Aragon-Salamanca A, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 1 Pages: 246-268 Published: MAR 2011
- ◆ ORM: WHT; INT (ambos parte de WINGS)
 - ◆ ESO (Paranal): VLT/FORS2 (parte de EDisCS)
 - ◆ ESO (La Silla): NTT/SOFI (parte de EDisCS)
 - ◆ Wide-field Nearby Galaxy-cluster Survey (WINGS)
 - ◆ ESO Distant Cluster Survey (EDisCS)
 - ◆ Otros: UKIRT; AAT
386. [A photoionization model of the spatial distribution of the optical and mid-infrared properties in NGC 595](#)
 Author(s): Pérez-Montero E, Relano M, Vilchez JM, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 1 Pages: 675-683 Published: MAR 2011
- ◆ CAHA: 3.5m/PMAS

- ◆ Spitzer

- 387. [Probing the dust formation region in IRC +10216 with the high vibrational states of hydrogen cyanide](#)
 Author(s): Cernicharo J, Agundez M, Kahane C, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: L3 Published: MAY 2011
CAB (CSIC-INTA)
 ◆ IRAM: 30m

- 388. [Deuteration as an evolutionary tracer in massive-star formation](#)
 Author(s): Fontani F, Palau A, Caselli P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: L7 Published: MAY 2011
 ◆ IRAM: 30m

- 389. [Multi-instrument X-ray monitoring of the January 2009 outburst from the recurrent magnetar candidate 1E 1547.0-5408](#)
 Author(s): Bernardini F, Israel GL, Stella L, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A19 Published: MAY 2011
 ◆ ESA: XMM-Newton; INTEGRAL
 ◆ Otros: Chandra

- 390. [Spectral energy distributions of an AKARI-SDSS-GALEX sample of galaxies](#)
 Author(s): Buat V, Giovannoli E, Takeuchi TT, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A22 Published: MAY 2011
 ◆ ESA: AKARI
 ◆ Otros: Galex; SDSS

- 391. [Optical spectroscopic variability of Herbig Ae/Be stars](#)
 Author(s): Mendigutía I, Eiroa C, Montesinos B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A34 Published: MAY 2011
CAB (CSIC-INTA)
 ◆ ORM: INT

- 392. [A high-resolution three-dimensional model of the solar photosphere derived from Hinode observations](#)
 Author(s): Socas-Navarro H
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A37 Published: MAY 2011
IAC/ Univ La Laguna
 ◆ ESA: Hinode/SOT

393. [The evolution of M 2-9 from 2000 to 2010](#)
 Author(s): Corradi RLM, Balick B, Santander-Garcia M
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A43 Published: MAY 2011
IAC/ Univ La Laguna
 ♦ ORM: NOT/ALFOSC; INT; WHT
 ♦ ESA: Hubble/ WFPC2
394. [Molecular gas in NUClei of GALaxies \(NUGA\) XV. Molecular gas kinematics in the inner 3 kpc of NGC 6951](#)
 Author(s): van der Laan TPR, Schinnerer E, Boone F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A45 Published: MAY 2011
 ♦ IRAM: 30m; PdBI
395. [The new carbon symbiotic star IPHAS J205836.43+503307.2](#)
 Author(s): Corradi RLM, Sabin L, Munari U, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A56 Published: MAY 2011
IAC/ Univ La Laguna
 ♦ ORM: INT; WHT
 ♦ OT: CST
396. [Study of stellar populations in the bulges of barred galaxies](#)
 Author(s): Perez I, Sanchez-Blazquez P
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A64 Published: MAY 2011
Univ Granada
 ♦ ORM: INT
 ♦ Otros: Siding Spring Observatory; NED database
397. [Gravity and limb-darkening coefficients for the Kepler, CoRoT, Spitzer, uvby, UBVRJHK, and Sloan photometric systems](#)
 Author(s): Claret A, Bloemen S
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A75 Published: MAY 2011
IAA-CSIC
 ♦ ESA: CoRoT
 ♦ Otros: Kepler; Spitzer
398. [AMBER observations of the AGB star RS Capricorni: extended atmosphere and comparison with stellar models](#)
 Author(s): Marti-Vidal I, Marcaide JM, Quirrenbach A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A115 Published: MAY 2011
Univ Valencia
 ♦ ESO (Paranal): VLT/AMBER
 ♦ Otros: SIMBAD database

399. [A Herschel resolved far-infrared dust ring around HD 207129](#)
 Author(s): Marshall JP, Lohne T, Montesinos B, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A117 Published: MAY 2011
UAM
 ♦ **ESA: Herschel/PACS/SPIRE; AKARI/IRC**
 ♦ **ESO: APEX/LABOCA**
 ♦ Otros: Spitzer; JCMT
400. [Internal dynamics of the galaxy cluster Abell 545 The ideal case where to study the simultaneous formation of a galaxy system and its brightest galaxy](#)
 Author(s): Barrena R, Girardi M, Boschin W, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:
 A128 Published: MAY 2011
IAC/ Univ La Laguna
 ♦ **ORM: INT; TNG**
 ♦ **ESA: XMM-Newton**
 ♦ Otros: NED database
401. [INDEPENDENT DISCOVERY OF THE TRANSITING EXOPLANET HAT-P-14b](#)
 Author(s): Simpson EK, Barros SCC, Brown DJA, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 5 Article
 Number: 161 Published: MAY 2011
 ♦ **ORM: SuperWASP; NOT; WHT; LT**
 ♦ Otros: FTN; 1.93m OHP
402. [ROTATIONAL PROPERTIES OF JUPITER TROJANS. I. LIGHT CURVES OF 80 OBJECTS](#)
 Author(s): Mottola S, Di Martino M, Erikson A, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 5 Article
 Number: 170 Published: MAY 2011
 ♦ **CAHA: 1.2m**
 ♦ Otros: ESO, 61 cm Bochum; ESO, 90 cm Dutch; ESO, 1 m; Loiano 1.52 m; etc
403. [Starburst radio galaxies: general properties, evolutionary histories and triggering](#)
 Author(s): Tadhunter C, Holt J, Delgado RG, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
 SOCIETY Volume: 412 Issue: 2 Pages: 960-978 Published: APR 2011
 ♦ **ESO (Pranal): VLT/FORS1**
 ♦ **ESO (La Silla): NTT/EMMI; 3.6m/EFOSC**

404. [Herschel-ATLAS: statistical properties of Galactic cirrus in the GAMA-9 Hour Science Demonstration Phase Field](#)
 Author(s): Bracco A, Cooray A, Veneziani M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 2 Pages: 1151-1161 Published: APR 2011
 ♦ ESA: Herschel
405. [Chemical abundances in the protoplanetary disc LV 2 \(Orion\): clues to the causes of the abundance anomaly in H ii regions](#)
 Author(s): Tsamis YG, Walsh JR, Vilchez JM, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 2 Pages: 1367-1380 Published: APR 2011
IAA-CSIC
 ♦ ESO (Paranal): VLT/FLAMES
 ♦ ESA: Hubble
406. [Swift follow-up of unidentified X-ray sources in the XMM-Newton Slew Survey](#)
 Author(s): Starling RLC, Evans PA, Read AM, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 3 Pages: 1853-1869 Published: APR 2011
 ♦ ESA: XMM-Newton
 ♦ ESO (La Silla): NTT/EFOSC2
 ♦ Otros: Swift
407. [UV-TO-FIR ANALYSIS OF SPITZER/IRAC SOURCES IN THE EXTENDED GROTH STRIP. I. MULTI-WAVELENGTH PHOTOMETRY AND SPECTRAL ENERGY DISTRIBUTIONS](#)
 Author(s): Barro G, Perez-Gonzalez PG, Gallego J, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 193 Issue: 1 DOI: 10.1088/0067-0049/193/1/13 Published: MAR 2011
UCM
 ♦ ESA: Hubble
 ♦ CAHA: 3.5m
 ♦ Otros: GALEX; Chandra; CFHT; MMT; Subaru ; VLA ; Keck; Spitzer
408. [AN INTERFEROMETRIC SPECTRAL-LINE SURVEY OF IRC+10216 IN THE 345 GHz BAND](#)
 Author(s): Patel NA, Young KH, Gottlieb CA, et al.
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 193 Issue: 1 DOI: 10.1088/0067-0049/193/1/17 Published: MAR 2011
 ♦ IRAM: 30m
 ♦ Otros: SMA
409. [THE GALACTIC O-STAR SPECTROSCOPIC SURVEY. I. CLASSIFICATION SYSTEM AND BRIGHT NORTHERN STARS IN THE BLUE-VIOLET AT R similar to 2500](#)
 Author(s): Sota A, Apellaniz JM, Walborn NR, et al.

Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume:
193 Issue: 2 Article Number: 24 Published: APR 2011

IAA-CSIC

- ◆ CAHA: 3.5m; 2.2m
- ◆ ESA: Hubble
- ◆ Otros: OSN 1.5m; LCO 2.5m; DSS2; 2MASS

410. [UV-TO-FIR ANALYSIS OF SPITZER/IRAC SOURCES IN THE EXTENDED GROTH STRIP. II. PHOTOMETRIC REDSHIFTS, STELLAR MASSES, AND STAR FORMATION RATES](#)

Author(s): Barro G, Perez-Gonzalez PG, Gallego J, et al.

Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume:
193 Issue: 2 Article Number: 30 Published: APR 2011

UCM

- ◆ ESA: Hubble
- ◆ CAHA
- ◆ Otros: Galex; Spitzer; MMT; CFHT; Subaru; VLA

411. [GAMMA-RAY EXCESS FROM A STACKED SAMPLE OF HIGH- AND INTERMEDIATE-FREQUENCY PEAKED BLAZARS OBSERVED WITH THE MAGIC TELESCOPE](#)

Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.

Source: ASTROPHYSICAL JOURNAL Volume: 729 Issue: 2 Article
Number: 115 Published: MAR 10 2011

IFAE

- ◆ ORM: MAGIC

412. [CLUSTER MASS PROFILES FROM A BAYESIAN ANALYSIS OF WEAK-LENSING DISTORTION AND MAGNIFICATION MEASUREMENTS: APPLICATIONS TO SUBARU DATA](#)

Author(s): Umetsu K, Broadhurst T, Zitrin A, et al.

Source: ASTROPHYSICAL JOURNAL Volume: 729 Issue: 2 Article
Number: 127 Published: MAR 10 2011

- ◆ ESA: Hubble
- ◆ Otros: Subaru

413. [THE ACS LCID PROJECT. V. THE STAR FORMATION HISTORY OF THE DWARF GALAXY LGS-3: CLUES TO COSMIC REIONIZATION AND FEEDBACK](#)

Author(s): Hidalgo SL, Aparicio A, Skillman E, et al.

Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article
Number: 14 Published: MAR 20 2011

IAC/ Univ La Laguna

- ◆ ESA: Hubble/ACS
- ◆ Otros: NED database

414. [THE STRUCTURE OF THE ACCRETION DISK IN THE LENSED QUASAR SBS 0909+532](#)
 Author(s): Mediavilla E, Munoz JA, Kochanek CS, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article
 Number: 16 Published: MAR 20 2011
IAC/ Univ La Laguna
 ♦ ORM: WHT/LIRIS
 ♦ ESA: Hubble/STIS
415. [THE HST/ACS COMA CLUSTER SURVEY. IV. INTERGALACTIC GLOBULAR CLUSTERS AND THE MASSIVE GLOBULAR CLUSTER SYSTEM AT THE CORE OF THE COMA GALAXY CLUSTER](#)
 Author(s): Peng EW, Ferguson HC, Goudfrooij P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article
 Number: 23 Published: MAR 20 2011
 ♦ ESA: Hubble/ACS
416. [THE MAJORITY OF COMPACT MASSIVE GALAXIES AT z similar to 2 ARE DISK DOMINATED](#)
 Author(s): Van der Wel A, Rix HW, Wuyts S, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article
 Number: 38 Published: MAR 20 2011
 ♦ ESA: Hubble /WFC3
417. [Warm dust resolved in the cold disk around T Chamaeleontis with VLT/AMBER](#)
 Author(s): Olofsson J, Benisty M, Augereau JC, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number:
 L6 Published: APR 2011
 ♦ ESO (Paranal): VLT/AMBER
418. [A companion candidate in the gap of the T Chamaeleontis transitional disk](#)
 Author(s): Huélamo N, Lacour S, Tuthill P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number:
 L7 Published: APR 2011
CAB (CSIC-INTA)
 ♦ ESO (Paranal): VLT/NACO
419. [Global e-VLBI observations of the gamma-ray narrow line Seyfert 1 PMN J0948+0022](#)
 Author(s): Giroletti M, Paragi Z, Bignall H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number:
 L11 Published: APR 2011
 ♦ Yebes (EVN)
 ♦ Otros. EVN

420. [Molecules as tracers of galaxy evolution: an EMIR survey I. Presentation of the data and first results](#)
 Author(s): Costagliola F, Aalto S, Rodriguez MI, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A30 Published: APR 2011
 ♦ IRAM: 30m
421. [On the nature of faint mid-infrared sources in M33](#)
 Author(s): Corbelli E, Giovanardi C, Palla F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A116 Published: APR 2011
 ♦ IRAM: 30m
 ♦ Otros: GALEX; Spitzer
422. [Galaxy evolution and star formation efficiency at \$0.2 < z < 0.6\$](#)
 Author(s): Combes F, Garcia-Burillo S, Braine J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A124 Published: APR 2011
 ♦ IRAM: 30m
 ♦ Otros: NED database
423. [The location of an active nucleus and a shadow of a tidal tail in the ULIRG Mrk 273](#)
 Author(s): Iwasawa K, Mazzarella JM, Surace JA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A137 Published: APR 2011
IEEC-UB
 ♦ ESA: Hubble
 ♦ Otros: Chandra
424. [A massive association around the obscured open cluster RSGC3](#)
 Author(s): Negueruela I, Gonzalez-Fernandez C, Marco A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A59 Published: APR 2011
Univ Alicante
 ♦ CAHA: 3.5m/TWIN
 ♦ Otros: 2MASS
425. [Concurrent X-ray, near-infrared, sub-millimeter, and GeV gamma-ray observations of Sagittarius A](#)
 Author(s): Trap G, Goldwurm A, Dodds-Eden K, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A140 Published: APR 2011
 ♦ ESA: XMM-Newton/EPIC
 ♦ ESO (Paranal): VLT/NACO;
 ♦ ESO: APEX/LABOCA
 ♦ Otros: Fermi-LAT

426. [A line-confusion limited millimeter survey of Orion KL II. Silicon-bearing species](#)
 Author(s): Tercero B, Vincent L, Cernicharo J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A26 Published: APR 2011
CAB (CSIC-INTA)
 ♦ IRAM: 30m
427. [News on two jets in Lupus 3](#)
 Author(s): Comerón F, Fernández M
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A99 Published: APR 2011
 ♦ ESO (Paranal): VLT/FORS2
428. [Short period eclipsing binary candidates identified using SuperWASP](#)
 Author(s): Norton AJ, Payne SG, Evans T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A90 Published: APR 2011
 ♦ ORM: SuperWASP
 ♦ Otros: SIMBAD database
429. [Monitoring a high-amplitude delta Scuti star for 152 days: discovery of 12 additional modes and modulation effects in the light curve of CoRoT 101155310](#)
 Author(s): Poretti E, Rainer M, Weiss WW, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A147 Published: APR 2011
 ♦ ESA: CoRoT
 ♦ ESO (La Silla): 3.6m/HARPS
 ♦ Otros: 2MASS
430. [XMM-Newton observations of the low-mass X-ray binary EXO 0748-676 in quiescence](#)
 Author(s): Trigo MD, Boirin L, Costantini E, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A150 Published: APR 2011
 ♦ ESA: XMM-Newton
431. [Mode visibilities in radial velocity and photometric Sun-as-a-star helioseismic observations](#)
 Author(s): Salabert D, Ballot J, Garcia RA
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A25 Published: APR 2011
IAC/ Univ La Laguna
 ♦ ESA: SoHO/GOLF/VIRGO

432. [Statistical techniques for the detection and analysis of solar explosive events](#)
 Author(s): Sarro LM, Berihuete A
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A62 Published: APR 2011
UNED
 ♦ **ESA: SoHO**
433. [Transiting exoplanets from the CoRoT space mission XVI. CoRoT-14b: an unusually dense very hot Jupiter](#)
 Author(s): Tingley B, Endl M, Gazzano JC, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A97 Published: APR 2011
IAC/ Univ La Laguna
 ♦ **ESA: CoRoT**
 ♦ **ESO (La Silla): 3.6m/HARPS**
 ♦ **OT: IAC-80**
 ♦ **Otros: Keck/HIRES**
434. [High-contrast observations of \(136108\) Haumea A crystalline water-ice multiple system](#)
 Author(s): Dumas C, Carry B, Hestroffer D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A105 Published: APR 2011
 ♦ **ESO (Paranal): VLT/SINFONI**
435. [Molecular investigations of comets C/2002 X5 \(Kudo-Fujikawa\), C/2002 V1 \(NEAT\), and C/2006 P1 \(McNaught\) at small heliocentric distances](#)
 Author(s): Biver N, Bockelee-Morvan D, Colom P, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A142 Published: APR 2011
 ♦ **IRAM: 30m**
 ♦ **Otros: Nançay radio telescopes**
436. [X-shooting Herbig Ae/Be stars: Accretion probed by near-infrared He I emission](#)
 Author(s): Oudmaijer RD, van den Ancker ME, Baines D, et al.
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 332 Issue: 3 Pages: 238-241 Published: MAR 2011
 ♦ **ESO (Paranal): VLT/X-shooter**
437. [Metallicities of high redshift GRB hosts: The case of GRB 100219A](#)
 Author(s): Thone CC, Fynbo J, Goldoni P, et al.
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 332 Issue: 3 Pages: 281-282 Published: MAR 2011
IAA-CSIC
 ♦ **ESO (Paranal): VLT/X-shooter**

438. [Time resolved spectroscopy of GRB 100418A and its host galaxy with X-shooter](#)
Author(s): Postigo AD, Thone CC, Goldoni P, et al.
Source: ASTRONOMISCHE NACHRICHTEN Volume: 332 Issue: 3 Pages: 297-298 Published: MAR 2011
◆ ESO (Paranal): VLT/X-shooter
439. [Studying the diverse nature of faint galaxies in nearby clusters of the WINGS sample](#)
Author(s): Bettoni D, Kjaergaard P, Milvang-Jensen B, et al.
Source: ASTRONOMISCHE NACHRICHTEN Volume: 332 Issue: 3 Pages: 299-300 Published: MAR 2011
◆ ESO (Paranal): VLT/X-shooter
440. [FAR-INFRARED IMAGING OF POST-ASYMPTOTIC GIANT BRANCH STARS AND \(PROTO\)-PLANETARY NEBULAE WITH THE AKARI FAR-INFRARED SURVEYOR](#)
Author(s): Cox NLJ, Garcia-Hernandez DA, Garcia-Lario P, et al.
Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 4 Article Number: 111 Published: APR 2011
◆ ESA: AKARI/ FIS
◆ Otros: SIMBAD database
441. [PROPERTIES OF THE HII REGION POPULATIONS OF M51 AND NGC 4449 FROM H \$\alpha\$ IMAGES WITH THE ADVANCED CAMERA FOR SURVEYS ON THE HUBBLE SPACE TELESCOPE](#)
Author(s): Gutierrez L, Beckman JE, Buenrostro V
Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 4 Article Number: 113 Published: APR 2011
IAC/ Unv La Laguna/ UNAM
◆ ESA: Hubble
442. [THE 100 Myr STAR FORMATION HISTORY OF NGC 5471 FROM CLUSTER AND RESOLVED STELLAR PHOTOMETRY](#)
Author(s): Garcia-Benito R, Perez E, Diaz AI, et al.
Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 4 Article Number: 126 Published: APR 2011
UAM/ Peking University,
◆ ESA: Hubble/ WFPC2
◆ ORM: TNG/ ARTICA
◆ Otros: Galex
443. [Water in Star-forming Regions with the Herschel Space Observatory \(WISH\). I. Overview of Key Program and First Results](#)
Author(s): van Dishoeck EF, Kristensen LE, Benz AO, et al.
Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 900 Pages: 138-170 Published: FEB 2011
◆ ESA: Herschel/ HIFI/ PACS

444. [Bridging model and observed stellar spectra](#)
 Author(s): Prieto CA
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 2 Pages: 807-812 Published: FEB 2011
IAC/ Unv La Laguna
 ♦ Teórico
 ♦ **ESA: Hubble**
445. [On the source of dense outflows from T Tauri stars - III. Winds driven from the star-disc shear layer](#)
 Author(s): de Castro AIG, von Rekowski B
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 2 Pages: 849-858 Published: FEB 2011
UCM
 ♦ Teórico
 ♦ **ESA: Hubble**
446. [The halo and rings of the planetary nebula NGC 40 in the mid-infrared](#)
 Author(s): Ramos-Larios G, Phillips JP, Cuesta LC
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 2 Pages: 1245-1257 Published: FEB 2011
 ♦ **ESA: ISO**
 ♦ Otros: Spitzer
447. [Integral field spectroscopy of local LCBGs: NGC 7673, a case study. Physical properties of star-forming regions](#)
 Author(s): Castillo-Morales A, Gallego J, Perez-Gallego J, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 3 Pages: 1819-1832 Published: MAR 2011
UCM
 ♦ **CAHA: 3.5m**
 ♦ **ORM: NOT**
 ♦ **ESA: Hubble**
448. [The ionized gas at the centre of IC 10: a possible localized chemical pollution by Wolf-Rayet stars](#)
 Author(s): López-Sánchez AR, Mesa-Delgado A, Lopez-Martin L, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 3 Pages: 2076-2092 Published: MAR 2011
 ♦ **CAHA: 3.5m/ PMAS**
449. [The HST/ACS Coma Cluster Survey - III. Structural parameters of galaxies using single Sersic fits star](#)
 Author(s): Hoyos C, den Brok M, Kleijn GV, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 4 Pages: 2439-2460 Published: MAR 2011
 ♦ **ESA: Hubble/ ACS**

450. [Discovery of the nearby long, soft GRB 100316D with an associated supernova](#)
 Author(s): Starling RLC, Wiersema K, Levan AJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 4 Pages: 2792-2803 Published: MAR 2011
- ◆ ESA: Hubble
 - ◆ ESO (Paranal): VLT/ FORS2
 - ◆ Otros: Swift; Gemini South
451. [SUPERSONIC DOWNFLOWS AT THE UMBRA-PENUMBRA BOUNDARY OF SUNSPOTS](#)
 Author(s): Louis RE, Rubio LRB, Mathew SK, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 727 Issue: 1 Article Number: 49 Published: JAN 20 2011
- ◆ ESA: Hinode/ SOT
452. [A SUB-SATURN MASS PLANET, MOA-2009-BLG-319Lb](#)
 Author(s): Miyake N, Sumi T, Dong S, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 728 Issue: 2 Article Number: 120 Published: FEB 20 2011
- ◆ OT: IAC-80
 - ◆ ORM: LT
 - ◆ Otros: “20 different observatorios”
453. [A STUDY OF GRAVITATIONAL LENS CHROMATICITY USING GROUND-BASED NARROWBAND PHOTOMETRY](#)
 Author(s): Mosquera AM, Munoz JA, Mediavilla E, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 728 Issue: 2 Article Number: 145 Published: FEB 20 2011
 UV
- ◆ ORM: NOT/ ALFOOSC; LT
454. [MEASURING Be DEPLETION IN COOL STARS WITH EXOPLANETS](#)
 Author(s): Mena ED, Israelian G, Hernandez JIG, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 728 Issue: 2 Article Number: 148 Published: FEB 20 2011
 IAC/ Unv La Laguna
- ◆ ESO (Paranal): VLT/ UVES
 - ◆ Otros: SIMBAD database
455. [Shocked water in the Cepheus E protostellar outflow](#)
 Author(s): Lefloch B, Cernicharo J, Pacheco S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: L3 Published: MAR 2011
 CAB (CSIC-INTA)
- ◆ IRAM: 30m

456. [Are solar chromospheric fibrils tracing the magnetic field?](#)
 Author(s): Rodriguez JD, Socas-Navarro H
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: L8 Published: MAR 2011
 ♦ ORM: SST
 ♦ Otros: Dunn Solar Telescope
457. [The JCMT Nearby Galaxies Legacy Survey VI. The distribution of gas and star formation in M81](#)
 Author(s): Sanchez-Gallego JR, Knapen JH, Heiner JS, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A16 Published: MAR 2011
IAC/ Unv La Laguna
 ♦ ORM: INT
 ♦ Otros: JCMT; Spitzer; NED database
458. [The nature of nuclear H-alpha emission in LINERs](#)
 Author(s): Masegosa J, Marquez I, Ramirez A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A23 Published: MAR 2011
IAA-CSIC
 ♦ ESA: Hubble
 ♦ Otros: NED database
459. [Astrometric search for a planet around VB 10](#)
 Author(s): Lazorenko PF, Sahlmann J, Segransan D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A25 Published: MAR 2011
 ♦ ESO (Paranal): VLT/ FORS2
460. [Different evolutionary stages in the massive star-forming region S255 complex](#)
 Author(s): Wang Y, Beuther H, Bik A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A32 Published: MAR 2011
 ♦ IRAM: 30m
 ♦ ESO (Paranal): VLT/ SINFONI
 ♦ Otros: SMA
461. [Photometric and spectroscopic observations of asteroid \(21\) Lutetia three months before the Rosetta fly-by](#)
 Author(s): de León J, Duffard R, Lara LM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A42 Published: MAR 2011
IAA-CSIC
 ♦ CAHA: 2.2m/BUSCA/CAFOS
 ♦ ORM: TNG/NICS

462. [An optical and H I study of the dwarf Local Group galaxy VV124=UGC4879 A gas-poor dwarf with a stellar disk?](#)
 Author(s): Bellazzini M, Beccari G, Oosterloo TA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A58 Published: MAR 2011
- ◆ ORM: TNG
 - ◆ Otros: Large Binocular Telescope (LBT); Westerbork Synthesis Radio Telescope (WSRT); SDSS
463. [The magnitude difference between the main sequence turn off and the red giant branch bump in Galactic globular clusters](#)
 Author(s): Cassisi S, Marin-Franch A, Salaris M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A59 Published: MAR 2011
- ◆ ESA: Hubble/ACS
464. [VLT-VIMOS integral field spectroscopy of luminous and ultraluminous infrared galaxies III. The atlas of the stellar and ionized gas distribution](#)
 Author(s): Rodriguez-Zaurin J, Arribas S, Monreal-Ibero A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A60 Published: MAR 2011
- IEM-CSIC**
- ◆ ESO (Paranal): VLT/VIMOS
 - ◆ Otros: Oschin Schmidt Telescope on Palomar Mountain; UK Schmidt Telescope; NED database
465. [XMM-Newton observation of the enigmatic object WR 46](#)
 Author(s): Gosset E, De Becker M, Naze Y, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A66 Published: MAR 2011
- ◆ ESA: XMM-Newton
 - ◆ ESO (La Silla): MPG 2.2m/FEROS
466. [Gran Telescopio Canarias OSIRIS transiting exoplanet atmospheric survey: detection of potassium in XO-2b from narrowband spectrophotometry](#)
 Author(s): Sing DK, Desert JM, Fortney JJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A73 Published: MAR 2011
- ◆ GTC/OSIRIS
467. [Star formation in the outer Galaxy: membership and fundamental parameters of the young open cluster NGC 1893](#)
 Author(s): Prisinzano L, Sanz-Forcada J, Micela G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A77 Published: MAR 2011
- ◆ ORM: TNG/DOLORES/NICS
 - ◆ CAHA: 2.2m/CAFOS

468. [Molecular Gas in NUClei of GALaxies \(NUGA\) XIV. The barred LINER/Seyfert 2 galaxy NGC 3627](#)
 Author(s): Casasola V, Hunt LK, Combes F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A92 Published: MAR 2011
- ◆ IRAM: PdBI; 30m
 - ◆ ESA: Hubble/NIC
 - ◆ Otros: NED database; Spitzer; Galex
469. [The spectroscopic evolution of the symbiotic-like recurrent nova V407 Cygni during its 2010 outburst](#)
 Author(s): Shore SN, Wahlgren GM, Augusteijn T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A98 Published: MAR 2011
- ◆ ESA: Herschel
470. [Galactic cold cores II. Herschel study of the extended dust emission around the first Planck detections](#)
 Author(s): Juvela M, Ristorcelli I, Pelkonen VM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A111 Published: MAR 2011
- ◆ ESA: Herschel; Planck
471. [67P/Churyumov-Gerasimenko at large heliocentric distance](#)
 Author(s): Tubiana C, Bohnhardt H, Agarwal J, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A113 Published: MAR 2011
- ◆ ESO (Paranal): VLT/FORS2
472. [Cross-correlation of the 2XMMi catalogue with Data Release 7 of the Sloan Digital Sky Survey](#)
 Author(s): Pineau FX, Motch C, Carrera F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A126 Published: MAR 2011
- ◆ ESA: XMM-Newton (catalogue)
 - ◆ Otros: SDSS; NED database
473. [The XMM-Newton survey of the Small Magellanic Cloud: discovery of the 11.866 s Be/X-ray binary pulsar XMMU J004814.0-732204 \(SXP11.87\)](#)
 Author(s): Sturm R, Haberl F, Coe MJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A131 Published: MAR 2011
- ◆ ESA: XMM-Newton
 - ◆ Otros: 1.9m telescope of the South African Astronomical Observatory; Faulkes Telescope South (FTS)

474. [The outburst and nature of two young eruptive stars in the North America/Pelican Nebula Complex \(Research Note\)](#)
 Author(s): Kospal A, Abraham P, Acosta-Pulido JA, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A133 Published: MAR 2011
- ◆ OT: TCS; IAC-80
 - ◆ Otros: Konkoly Schmidt telescope; UKIRT; 2MASS
475. [Suzaku observation of the LINER NGC4102](#)
 Author(s): González-Martín O, Papadakis I, Braito V, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A142 Published: MAR 2011
- ◆ ESA: Suzaku
 - ◆ CAHA: 3.5m/TWIN
 - ◆ ORM: WHT/LIRIS
 - ◆ Otros: Chandra; Swift
476. [Fossil groups origins I. RX J105453.3+552102 a very massive and relaxed system at z similar to 0.5](#)
 Author(s): Aguerri JAL, Girardi M, Boschin W, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A143 Published: MAR 2011
- IAC/ Unv La Laguna**
- ◆ ORM: NOT/ALFOSC; TNG/DOLORES; WHT/LIRIS
477. [Photospheric and coronal abundances in solar-type stars: the peculiar case of tau Bootis](#)
 Author(s): Maggio A, Sanz-Forcada J, Scelsi L
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A144 Published: MAR 2011
- ◆ ESA: XMM-Newton
478. [SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST](#)
 Author(s): Acciari VA, Arlen T, Aune T, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 729 Issue: 1 Article Number: 2 Published: MAR 1 2011
- ◆ ORM: MAGIC
 - ◆ ESA: Suzaku
 - ◆ Otros: VERITAS; Fermi-LAT
479. [A DETECTION OF AN X-RAY WIND AND AN IONIZED DISK IN THE CHANDRA HETGS OBSERVATION OF THE SEYFERT 2 GALAXY IRAS 18325-5926](#)
 Author(s): Mocz P, Lee JC, Iwasawa K, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 729 Issue: 1 Article Number: 30 Published: MAR 1 2011
- ◆ ESA: XMM-Newton

- ◆ Otros: Chandra
480. [IRAS 17423-1755 \(HEN 3-1475\) REVISITED: AN O-RICH HIGH-MASS POST-ASYMPTOTIC GIANT BRANCH STAR](#)
 Author(s): Manteiga M, Garcia-Hernandez DA, Ulla A, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 3 Article Number: 80 Published: MAR 2011
Unv da Coruña
- ◆ **ESA: ISO**
 - ◆ Otros: Spitzer
481. [A NEW CENSUS OF THE VARIABLE STAR POPULATION IN THE GLOBULAR CLUSTER NGC 2419](#)
 Author(s): Di Criscienzo M, Greco C, Ripepi V, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 3 Article Number: 81 Published: MAR 2011
- ◆ **ORM: TNG/DOLORES**
 - ◆ **ESA: Hubble/ WFPC2**
 - ◆ Otros: Subaru
482. [HERSCHEL/HIFI OBSERVATIONS OF IRC+10216: WATER VAPOR IN THE INNER ENVELOPE OF A CARBON-RICH ASYMPTOTIC GIANT BRANCH STAR](#)
 Author(s): Neufeld DA, Gonzalez-Alfonso E, Melnick GJ, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 727 Issue: 2 Article Number: L28 Published: FEB 1 2011
- ◆ **ESA: Herschel**
483. [THE WIDESPREAD OCCURRENCE OF WATER VAPOR IN THE CIRCUMSTELLAR ENVELOPES OF CARBON-RICH ASYMPTOTIC GIANT BRANCH STARS: FIRST RESULTS FROM A SURVEY WITH HERSCHEL/HIFI](#)
 Author(s): Neufeld DA, Gonzalez-Alfonso E, Melnick G, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 727 Issue: 2 Article Number: L29 Published: FEB 1 2011
- ◆ **ESA: Herschel/HIFI**
484. [WHEN A STANDARD CANDLE FLICKERS](#)
 Author(s): Wilson-Hodge CA, Cherry ML, Case GL, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 727 Issue: 2 Article Number: L40 Published: FEB 1 2011
- ◆ **ESA: INTEGRAL**
 - ◆ Otros: Swift; RXTE

485. [The properties of the interstellar medium within a star-forming galaxy at \$z=2.3\$](#)
 Author(s): Danielson ALR, Swinbank AM, Smail I, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 3 Pages: 1687-1702 Published: FEB 2011
- ◆ IRAM: 30m; PdBI
 - ◆ ESO: APEX
 - ◆ Otros: SMA
486. [Strong-lensing analysis of a complete sample of 12 MACS clusters at \$z > 0.5\$: mass models and Einstein radii](#)
 Author(s): Zitrin A, Broadhurst T, Barkana R, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 3 Pages: 1939-1956 Published: FEB 2011
- ◆ ESA: Hubble/ACS
 - ◆ Otros: Subaru
487. [Dynamics of Jupiter's equatorial region at cloud top level from Cassini and HST images](#)
 Author(s): García-Melendo E, Arregi J, Rojas JF, et al.
 Source: ICARUS Volume: 211 Issue: 2 Pages: 1242-1257 Published: FEB 2011
- ◆ ESA: Cassini; Hubble
488. [A systematic cross-search for radio/infrared counterparts of XMM-Newton sources](#)
 Author(s): Combi JA, Colombo JFA, Pellizza L, et al.
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 331 Issue: 1 Pages: 53-61 Published: JAN 2011
- ◆ ESA: XMM-Newton
 - ◆ Otros: NVSS; SUMSS; SIMBAD and NED databases
489. [A LIGHT-CURVE MODEL OF THE SYMBIOTIC NOVA PU Vul \(1979\): A VERY QUIET EXPLOSION WITH LONG-LASTING FLAT PEAK](#)
 Author(s): Kato M, Hachisu I, Cassatella A, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 727 Issue: 2 Article Number: 72 Published: FEB 1 2011
- ◆ ESA: IUE (International Ultraviolet Explorer)
490. [MULTI-WAVELENGTH PROBES OF OBSCURATION TOWARD THE NARROW-LINE REGION IN SEYFERT GALAXIES](#)
 Author(s): Kraemer SB, Schmitt HR, Crenshaw DM, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 727 Issue: 2 Article Number: 130 Published: FEB 1 2011
- ◆ ESA: Hubble; XMM-Newton
 - ◆ Otros: Chandra; Swift

491. [High time resolution optical/X-ray cross-correlations for X-ray binaries: anticorrelations and rapid variability](#)
 Author(s): Durant M, Shahbaz T, Gandhi P, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 4 Pages: 2329-2338 Published: FEB 2011
IAC
 ♦ ESO (Paranal): VLT/ULTRACAM
 ♦ ORM: WHT/ ULTRACAM
 ♦ Otros: RXTE
492. [Extragalactic background light inferred from AEGIS galaxy-SED-type fractions](#)
 Author(s): Dominguez A, Primack JR, Rosario DJ, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 4 Pages: 2556-2578 Published: FEB 2011
Univ Sevilla/IAA-CSIC
 ♦ ESA: Hubble
 ♦ Otros: AEGIS (*Chandra*, *GALEX*, Hubble, Keck, CFHT, MMT, Subaru, Palomar, *Spitzer*, VLA)
493. [The ultraviolet upturn in brightest cluster galaxies](#)
 Author(s): Loubser SI, Sanchez-Blazquez P
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 4 Pages: 2679-2689 Published: FEB 2011
 ♦ ORM: WHT
 ♦ Otros: GALEX; Gemini
494. [The most recent burst of star formation in the massive elliptical galaxy NGC 1052](#)
 Author(s): Fernández-Ontiveros JA, Lopez-Sanjuan C, Montes M, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 1 Pages: L21-L25 Published: FEB 2011
IAA-CSIC
 ♦ ESO (Paranal): VLT
 ♦ ESA: Hubble
495. [A strong and broad Fe line in the XMM-Newton spectrum of the new X-ray transient and black hole candidate XTEJ1652-453](#)
 Author(s): Hiemstra B, Mendez M, Done C, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 1 Pages: 137-150 Published: FEB 2011
 ♦ ESA: XMM-Newton
 ♦ Otros. RXTE

496. [Multi-epoch X-ray observations of the Seyfert 1.2 galaxy Mrk 79: bulk motion of the illuminating X-ray source](#)
Author(s): Gallo LC, Miniutti G, Miller JM, et al.
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 1 Pages: 607-619 Published: FEB 2011
◆ ESA: XMM-Newton; Suzaku
◆ Otros: RXTE
497. [The atmospheric influence, size and possible asteroidal nature of the July 2009 Jupiter impactor](#)
Author(s): Orton GS, Fletcher LN, Lisse CM, et al.
Source: ICARUS Volume: 211 Issue: 1 Pages: 587-602 Published: JAN 2011
◆ ESO (Paranal): VLT/NACO/VISIR
◆ Otros: Gemini; IRTF
498. [SPITZER IMAGING OF HERSCHEL-ATLAS GRAVITATIONALLY LENSED SUBMILLIMETER SOURCES](#)
Author(s): Hopwood R, Wardlow J, Cooray A, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 728 Issue: 1 Article Number: L4 Published: FEB 10 2011
◆ ESA: Herschel
◆ Otros: Spitzer
499. [FAR-INFRARED LINE DEFICITS IN GALAXIES WITH EXTREME L-FIR/M-H2 RATIOS](#)
Author(s): Graciá-Carpio J, Sturm E, Hailey-Dunsheath S, et al.
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 728 Issue: 1 Article Number: L7 Published: FEB 10 2011
◆ ESA: Herschel; ISO
◆ Otros: IRAS
500. [The XMM Deep survey in the CDF-S I. First results on heavily obscured AGN](#)
Author(s): Comastri A, Ranalli P, Iwasawa K, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: L9 Published: FEB 2011
◆ ESA: XMM-Newton
501. [The XMM-LSS survey: optical assessment and properties of different X-ray selected cluster classes](#)
Author(s): Adami C, Mazure A, Pierre M, et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A18 Published: FEB 2011
◆ ORM: TNG/DOLORES
◆ ESO (Paranal): VLT/FORS2
◆ ESO (La Silla): NTT/EMMI
◆ Otros: CFHT

502. [XMM-Newton investigations of the Lambda Orionis star-forming region \(XILO\)](#)
 Author(s): Barrado D, Stelzer B, Morales-Calderon M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A21 Published: FEB 2011
CAHA (CSIC-MPG)/CAB (CSIC-INTA)
 ♦ **ESA: XMM-Newton**
 ♦ **CAHA: 3.5m/Omega2000**
 ♦ **Otros: CFHT; Spitzer; 2MASS**
503. [NTT and NOT spectroscopy of SDSS-II supernovae](#)
 Author(s): Östman L, Nordin J, Goobar A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A28 Published: FEB 2011
IFAE/ Stockholm Univ
 ♦ **ORM: NOT/ALFOSC**
 ♦ **ESO (La Silla): NTT/EMMI**
504. [The X-ray spectral signatures from the complex circumnuclear regions in the Compton thick AGN NGC 424](#)
 Author(s): Marinucci A, Bianchi S, Matt G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A36 Published: FEB 2011
 ♦ **ESA: XMM-Newton**
505. [Massive unseen companions to hot faint underluminous stars from SDSS \(MUCHFUSS\) Analysis of seven close subdwarf B binaries](#)
 Author(s): Geier S, Maxted PFL, Napiwotzki R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A39 Published: FEB 2011
 ♦ **ESO (La Silla): NTT/EFOSC2**
 ♦ **ORM: INT/IDS; WHT/ISIS**
 ♦ **CAHA: 3.5m/TWIN**
 ♦ **Otros: Gemini; SOAR telescope**
506. [WINGS-SPE II: A catalog of stellar ages and star formation histories, stellar masses and dust extinction values for local clusters galaxies](#)
 Author(s): Fritz J, Poggianti BM, Cava A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A45 Published: FEB 2011
 ♦ **ORM: WHT**
 ♦ **Otros: AAT**
507. [Mapping photodissociation and shocks in the vicinity of Sagittarius A*](#)
 Author(s): Amo-Baladrón MA, Martín-Pintado J, Martín S
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A54 Published: FEB 2011
CAB (CSIC-INTA)

- ◆ IRAM: 30m

- 508. [Adaptive optics observations of the T10 ultracool dwarf UGPS J072227.51-054031.2 \(Research Note\)](#)
 Author(s): Bouy H, Girard JHV, Martin EL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A55 Published: FEB 2011
CAB (CSIC-INTA)
- ◆ ESO (Paranal): VLT/NACO

- 509. [Detecting photons with orbital angular momentum in extended astronomical objects: application to solar observations](#)
 Author(s): Uribe-Patarroyo N, Alvarez-Herrero A, Ariste AL, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A56 Published: FEB 2011
LINES
- ◆ OT: THEMIS

- 510. [Interpretation of HINODE SOT/SP asymmetric Stokes profiles observed in the quiet Sun network and internetwork](#)
 Author(s): Viticchie B, Almeida JS, Del Moro D, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A60 Published: FEB 2011
- ◆ ESA: Hinode/SOT/SP

- 511. [Detecting emission lines with XMM-Newton in 4U 1538-52](#)
 Author(s): Rodes-Roca JJ, Page KL, Torrejon JM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A64 Published: FEB 2011
Univ Alicante
- ◆ ESA: XMM-Newton

- 512. [Methanol and water masers in IRAS 20126+4104: the distance, the disk, and the jet](#)
 Author(s): Moscadelli L, Cesaroni R, Rioja MJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A66 Published: FEB 2011
- ◆ Yebes (EVN)
- ◆ Otros: VLBI

- 513. [Evolution of the fundamental plane of \$0.2 < z < 1.2\$ early-type galaxies in the EGS](#)
 Author(s): Lorenzo MF, Cepa J, Bongiovanni A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A72 Published: FEB 2011
IAC/ Unv La Laguna
- ◆ ESA: Hubble
- ◆ Otros: CFHT; Keck; GALEX; Chandra; VLA

514. [Spectroscopic characterization of a sample of metal-poor solar-type stars from the HARPS planet search program Precise spectroscopic parameters and mass estimation](#)
 Author(s): Sousa SG, Santos NC, Israelian G, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A99
IAC
 ♦ **ESO (La Silla): 3.6m/HARPS**
515. [Formation and evolution of dwarf early-type galaxies in the Virgo cluster I. Internal kinematics](#)
 Author(s): Toloba E, Boselli A, Cenarro AJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A114 Published: FEB 2011
UCM
 ♦ **ORM: WHT/ISIS; INT/IDS**
516. [Spectral properties of type Ia supernovae up to z similar to 0.3](#)
 Author(s): Nordin J, Ostman L, Goobar A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A119 Published: FEB 2011
 ♦ **ESO (La Silla): NTT/EMMI**
 ♦ **ORM: NOT**
517. [High-contrast optical imaging of companions: the case of the brown dwarf binary HD 130948BC](#)
 Author(s): Labadie L, Rebolo R, Villo I, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A144 Published: FEB 2011
IAC/ Unv La Laguna
 ♦ **ORM: NOT/FastCam**
 ♦ **OT: IAC80/CAMELOT**
 ♦ **Otros: SIMBAD database**
518. [MESS \(Mass-loss of Evolved StarS\), a Herschel key program](#)
 Author(s): Groenewegen MAT, Waelkens C, Barlow MJ, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A162 Published: FEB 2011
 ♦ **ESA: Herschel; AKARI**
519. [Statistical structure of the atmospheric optical turbulence at Teide Observatory from recalibrated generalized SCIDAR data](#)
 Author(s): García-Lorenzo B, Fuensalida JJ
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 2 Pages: 934-945 Published: JAN 2011
IAC/ Unv La Laguna
 ♦ **OT: TCS**

520. [The Necklace: equatorial and polar outflows from the binary central star of the new planetary nebula IPHASX J194359.5+170901](#)
 Author(s): Corradi RLM, Sabin L, Miszalski B, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 2 Pages: 1349-1359 Published: JAN 2011
IAC/ Unv La Laguna
 ♦ ORM: NOT/ALFOSC; WHT/ISIS; INT; Mercator
 ♦ OT: IAC80/CAMELOT
521. [THE BULK OF THE BLACK HOLE GROWTH SINCE \$z\$ similar to 1 OCCURS IN A SECULAR UNIVERSE: NO MAJOR MERGER-AGN CONNECTION](#)
 Author(s): Cisternas M, Jahnke K, Inskip KJ, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 726 Issue: 2 Article Number: 57 Published: JAN 10 2011
 ♦ ESA: Hubble/ACS; XMM-Newton
 ♦ ESO (Paranal): VLT/VIMOS
 ♦ Otros: Subaru; CXO
522. [OBSERVATIONS OF THE BLAZAR 3C 66A WITH THE MAGIC TELESCOPES IN STEREOSCOPIC MODE](#)
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 726 Issue: 2 Article Number: 58 Published: JAN 10 2011
IFAE
 ♦ ORM: MAGIC
523. [EVOLUTION OF BRIGHTEST CLUSTER GALAXY STRUCTURAL PARAMETERS IN THE LAST similar to 6 Gyr: FEEDBACK PROCESSES VERSUS MERGER EVENTS](#)
 Author(s): Ascaso B, Aguerri JAL, Varela J, et al.
 Source: ASTROPHYSICAL JOURNAL Volume: 726 Issue: 2 Article Number: 69 Published: JAN 10 2011
 ♦ ESA: Hubble/ACS
 ♦ ESO: (La Silla): MPG 2.2m
 ♦ ORM: INT
524. [Puzzling thermonuclear burst behaviour from the transient low-mass X-ray binary IGR J17473-2721](#)
 Author(s): Chenevez J, Altamirano D, Galloway DK, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 1 Pages: 179-189 Published: JAN 1 2011
 ♦ ESA: INTEGRAL
 ♦ Otros: RXTE; Swift; AGILE
525. [Pre-main-sequence stars in the star-forming complex Sh 2-284](#)
 Author(s): Cusano F, Ripepi V, Alcalá JM, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 1 Pages: 227-240 Published: JAN 1 2011

- ◆ ESO (Paranal): VLT/VIMOS
 - ◆ Otros: AAT 3.9-m telescope; LO 1.5-m telescope; SIMBAD database
526. [PPAK Wide-field Integral Field Spectroscopy of NGC 628-I. The largest spectroscopic mosaic on a single galaxy](#)
 Author(s): Sanchez SF, Rosales-Ortega FF, Kennicutt RC, et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 1 Pages: 313-340 Published: JAN 1 2011
CAHA (CSIC-MPG)
- ◆ CAHA: 3.5m/PMAS
527. [High-resolution mapping of the physical conditions in two nearby active galaxies based on \(CO\)-C-12\(1-0\), \(2-1\), and \(3-2\) lines](#)
 Author(s): Boone F, Garcia-Burillo S, Combes F, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A18 Published: JAN 2011
- ◆ IRAM: PdBI
 - ◆ Otros: SMA
528. [Large-amplitude photometric variability of the candidate protoplanet TMR-1C](#)
 Author(s): Riaz B, Martin EL
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A10 Published: JAN 2011
- ◆ ESA: Hubble//NICMOS
 - ◆ Otros: 3.6 m telescope CFHT
529. [CS, HC3N, and CH3CCH multi-line analyses toward starburst galaxies The evolution of cloud structures in the central regions of galaxies](#)
 Author(s): Aladro R, Martin-Pintado J, Martin S, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A89 Published: JAN 2011
IRAM
- ◆ IRAM: 30m
 - ◆ Otros: JCMT
530. [The gamma Doradus CoRoT target HD 49434 II. Frequency analysis of the CoRoT data](#)
 Author(s): Chapellier E, Rodriguez E, Auvergne M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A23 Published: JAN 2011
- ◆ ESA: CoRoT
531. [IPHAS extinction distances to planetary nebulae](#)
 Author(s): Giammanco C, Sale SE, Corradi RLM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A58 Published: JAN 2011
IAC
- ◆ ORM: INT

- ◆ Otros: 1.52 m ESO telescope; 1.93 m OHP telescope
532. [Constraints on the exosphere of CoRoT-7b](#)
 Author(s): Guenther EW, Cabrera J, Erikson A, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:
 A24 Published: JAN 2011
- ◆ ESO (Paranal): VLT/UVES
533. [Spectrophotometric redshifts A new approach to the reduction of noisy spectra and its application to GRB 090423](#)
 Author(s): Stefanon M, Fernandez-Soto A, Fugazza D
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:
 A75 Published: JAN 2011
Univ Valencia
- ◆ Teórico + observaciones
 - ◆ ORM: TNG
 - ◆ Otros: 2MASS; SDSS
534. [The instrumental polarization of the Nasmyth focus polarimetric differential imager NAOS/CONICA \(NACO\) at the VLT](#)
 Author(s): Witzel G, Eckart A, Buchholz RM, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:
 A130 Published: JAN 2011
- ◆ Teórico + observaciones
 - ◆ ESO (Paranal): VLT/NACO
535. [INTEGRAL, Swift, and RXTE observations of the 518 Hz accreting transient pulsar Swift J1749.4-2807](#)
 Author(s): Ferrigno C, Bozzo E, Falanga M, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:
 A48 Published: JAN 2011
- ◆ ESA: INTEGRAL
 - ◆ Otros: RXTE; Swift
536. [Transiting exoplanets from the CoRoT space mission XV. CoRoT-15b: a brown-dwarf transiting companion](#)
 Author(s): Bouchy F, Deleuil M, Guillot T, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:
 A68 Published: JAN 2011
- ◆ ESA: CoRoT
 - ◆ ESO (La Silla): 3.6m/HARPS
 - ◆ Otros: 10m Keck/HIRES
537. [Resolving the L/T transition binary SDSS J2052-1609 AB](#)
 Author(s): Stumpf MB, Geissler K, Bouy H, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:
 A123 Published: JAN 2011
- ◆ ESO (Paranal): VLT/NACO
 - ◆ ESA: Hubble/NICMOS

- ◆ Otros: 2MASS

- 538. [An uncombed inversion of multiwavelength observations reproducing the net circular polarization in a sunspot's penumbra](#)
 Author(s): Beck C
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A133 Published: JAN 2011
IAC/ Unv La Laguna
 - ◆ OT: VTT

- 539. [67P/Churyumov-Gerasimenko activity evolution during its last perihelion before the Rosetta encounter](#)
 Author(s): Lara LM, Lin ZY, Rodrigo R, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A36 Published: JAN 2011
IAA-CSIC
 - ◆ CAHA: 2.2m/CAFOS
 - ◆ Otros: 1-m telescope of the Lulin Optical Observatory

- 540. [Cross-calibration of the X-ray instruments onboard the Chandra, INTEGRAL, RXTE, Suzaku, Swift, and XMM-Newton observatories using G21.5-0.9](#)
 Author(s): Tsujimoto M, Guainazzi M, Plucinsky PP, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A25 Published: JAN 2011
 - ◆ ESA: Suzaku; XMM-Newton; INTEGRAL
 - ◆ Otros: Chandra/ACIS, Swift/XRT, IRXTE/ PCA

- 541. [WASP-38b: a transiting exoplanet in an eccentric, 6.87d period orbit](#)
 Author(s): Barros SCC, Faedi F, Cameron AC, et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A54 Published: JAN 2011
 - ◆ ORM: SuperWASP-North; NOT/FIES; LT/RISE
 - ◆ Otros: 1.2 m Swiss Euler (La Silla); 1.93 m (OHP)

- 542. [WASP-37b: A 1.8 M-J EXOPLANET TRANSITING A METAL-POOR STAR](#)
 Author(s): Simpson EK, Faedi F, Barros SCC, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 1 Article Number: 8 Published: JAN 2011
 - ◆ ORM: SuperWASP-North; LT/RISE
 - ◆ Otros: Super Wasp-S; OHP; 1.2m La Silla

543. [PERIOD CHANGE SIMILARITIES AMONG THE RR LYRAE VARIABLES IN OOSTERHOFF I AND OOSTERHOFF II GLOBULAR SYSTEMS](#)
 Author(s): Kunder A, Walker A, Stetson PB, et al.
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 1 Article Number: 15 Published: JAN 2011
- ◆ ESO (La Silla): NTT
 - ◆ Otros: Magellan/Baade 6.5 m, CTIO Blanco 4 m, , CTIO 1.5m, and CTIO 0.9 m
544. [LOCATION OF gamma-RAY FLARE EMISSION IN THE JET OF THE BL LACERTAE OBJECT OJ287 MORE THAN 14 pc FROM THE CENTRAL ENGINE](#)
 Author(s): Agudo I, Jorstad SG, Marscher AP, et al.
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 726 Issue: 1 Article Number: L13 Published: JAN 1 2011
- ◆ IRAM: 30m
 - ◆ CAHA: 2.2m
 - ◆ Otros: VLBA; Steward (2.3 and 1.54 m telescopes17); Lowell (1.83 m Perkins Telescope); St. Petersburg State University (0.4 m telescope); Crimean Astrophysical (0.7 m telescope) observatories
545. [The long-lasting activity of 3C 454.3 GASP-WEBT and satellite observations in 2008-2010](#)
 Author(s): Raiteri, C. M.; Villata, M.; Aller, M. F.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A87 DOI: 10.1051/0004-6361/201117026 Published: OCT 2011
- ◆ ORM: KVA
 - ◆ OT: BRT
 - ◆ CAHA: 2.2m
 - ◆ Otros: Swift; GASP-WEBT (Abastumani, Calar Alto, Crimean, Galaxy View, Goddard (GRT), Kitt Peak (MDM), Lowell (Perkins), Lulin, New Mexico Skies, Roque de los Muchachos (KVA), Sabadell, San Pedro Martir, St. Petersburg, Talmassons, Teide (BRT), Tjarafe, and Valle d'Aosta); VLA; MOJAVE database
546. [A new comprehensive 2D model of the point spread functions of the XMM-Newton EPIC telescopes: spurious source suppression and improved positional accuracy](#)
 Author(s): Read, A. M.; Rosen, S. R.; Saxton, R. D.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A34 DOI: 10.1051/0004-6361/201117525 Published: OCT 2011
- ◆ ESA: XMM-Newton

547. [CoRoT LRA02_E2_0121: Neptune-size planet candidate turns into a hierarchical triple system with a giant primary](#)
 Author(s): Tal-Or, L.; Santerne, A.; Mazeh, T.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A67 DOI: 10.1051/0004-6361/201117374 Published: OCT 2011
 ♦ ESO (Paranal): VLT
 ♦ ESO (La Silla): 3.6m
 ♦ Otros: OHP; McDonald Observatory
548. [On the origin of the gamma-ray emission from the flaring blazar PKS 1222+216](#)
 Author(s): Tavecchio, F.; Becerra-Gonzalez, J.; Ghisellini, G.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A86 DOI: 10.1051/0004-6361/201117204 Published: OCT 2011
 ♦ ORM: MAGIC
 ♦ Otros: Swift(UVOT and XRT), Fermi/LAT,
549. [The unusual protoplanetary disk around the T Tauri star ET Chamaeleontis](#)
 Author(s): Woitke, P.; Riaz, B.; Duchene, G.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A44 DOI: 10.1051/0004-6361/201116684 Published: OCT 2011
 ♦ ESA: Herschel; Hubble
 ♦ ESO (Paranal): VLT/ISAAC
 ♦ ESO: APEX/LABOCA
 ♦ Otros: Spitzer; CTIO; IRAS; 2MASS
550. [AKARI/IRC Broadband Mid-Infrared Data as an Indicator of the Star-Formation Rate](#)
 Author(s): Yuan Fang-Ting; Takeuchi Tsutomu T.; Buat Veronique; et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN Volume: 63 Issue: 6 Pages: 1207-1217 Published: 2011
 ♦ ESA: AKARI
 ♦ Otros: Galex; SDSS; 2MASS
551. [Cross Spectral Calibration of Suzaku, XMM-Newton, and Chandra with PKS 2155-304 as an Activity of IACHEC](#)
 Author(s): Ishida Manabu; Tsujimoto Masahiro; Kohmura Takayoshi; et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN Volume: 63 Special Issue: 3 Pages: S657-S668 Published: 2011 (1,117)
 ♦ ESA: Suzaku; XMM-Newton
 ♦ Otros: Chandra

552. [X-Ray Study of Rekindled Accretion in the Classical Nova V2491 Cygni](#)
 Author(s): Takei Dai; Ness Jan-Uwe; Tsujimoto Masahiro; et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN Volume: 63 Special Issue: 3 Pages: S729-S738 Published: 2011 (1,118)
 ♦ ESA: Suzaku; XMM-Newton
 ♦ Otros: Swift
553. [The unusual gamma-ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33](#)
 Author(s): Thoene, C. C.; Postigo, A. de Ugarte; Fryer, C. L.; et al.
 Source: NATURE Volume: 480 Issue: 7375 Pages: 72-74 DOI: 10.1038/nature10611 Published: DEC 1 2011
 IAA-CSIC
 ♦ CAHA: ¿?
 ♦ GTC
 ♦ ORM: LT
 ♦ Otros: McDonald Observatory; Gemini-North; Keck
554. [Ocean-like water in the Jupiter-family comet 103P/Hartley 2](#)
 Author(s): Hartogh, Paul; Lis, Dariusz C.; Bockelee-Morvan, Dominique; et al.
 Source: NATURE Volume: 478 Issue: 7368 Pages: 218-220 DOI: 10.1038/nature10519 Published: OCT 13 2011
 ♦ ESA: Herschel
555. [The excitation of solar-like oscillations in a delta Sct star by efficient envelope convection](#)
 Author(s): Antoci, V.; Handler, G.; Campante, T. L.; et al.
 Source: NATURE Volume: 477 Issue: 7366 Pages: 570-573 DOI: 10.1038/nature10389 Published: SEP 29 2011
 ♦ ESA: SoHO
 ♦ ORM: NOT
 ♦ Otros: Kepler
556. [Deep winds beneath Saturn's upper clouds from a seasonal long-lived planetary-scale storm](#)
 Author(s): Sanchez-Lavega, A.; del Rio-Gaztelurrutia, T.; Hueso, R.; et al.
 Group Author(s): Int Outer Planet Watch Team
 Source: NATURE Volume: 475 Issue: 7354 Pages: 71-74 DOI: 10.1038/nature10203 Published: JUL 7 2011
 UPV
 ♦ CAHA: 2.2m
 ♦ Otros: 1-m telescope at Pic-du-Midi Observatory

557. [Submillimetre galaxies reside in dark matter haloes with masses greater than \$3 \times 10^{11}\$ solar masses](#)
 Author(s): Amblard, Alexandre; Cooray, Asantha; Serra, Paolo; et al.
 Source: NATURE Volume: 470 Issue: 7335 Pages: 510-512 DOI: 10.1038/nature09771 Published: FEB 24 2011
 ♦ ESA: Herschel
558. [Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System](#)
 Author(s): Sierks, H.; Lamy, P.; Barbieri, C.; et al.
 Source: SCIENCE Volume: 334 Issue: 6055 Pages: 487-490 DOI: 10.1126/science.1207325 Published: OCT 28 2011
 ♦ ESA: Rosetta/OSIRIS
559. [An Extremely Luminous Panchromatic Outburst from the Nucleus of a Distant Galaxy](#)
 Author(s): Levan, A. J.; Tanvir, N. R.; Cenko, S. B.; et al.
 Source: SCIENCE Volume: 333 Issue: 6039 Pages: 199-202 DOI: 10.1126/science.1207143 Published: JUL 8 2011
 ♦ ESA: Hubble
 ♦ ORM: NOT; WHT; TNG
 ♦ GTC
 ♦ IRAM: PdBI
 ♦ Otros: Chandra; Gemini; UKIRT
560. [Thermal Structure and Dynamics of Saturn's Northern Springtime Disturbance](#)
 Author(s): Fletcher, Leigh N.; Hesman, Brigitte E.; Irwin, Patrick G. J.; et al.
 Source: SCIENCE Volume: 332 Issue: 6036 Pages: 1413-1417 DOI: 10.1126/science.1204774 Published: JUN 17 2011
 ♦ ESO (Paranal): VLT
 ♦ ESA: Cassini
561. [Polarized Gamma-Ray Emission from the Galactic Black Hole Cygnus X-1](#)
 Author(s): Laurent, P.; Rodriguez, J.; Wilms, J.; et al.
 Source: SCIENCE Volume: 332 Issue: 6028 Pages: 438-439 DOI: 10.1126/science.1200848 Published: APR 22 2011
 ♦ ESA: INTEGRAL
562. [Lithium Abundances in Atmospheres of Carbon Stars Estimated with the Help of Modern Lists of Spectral Lines](#)
 Author(s): Yakovina, L. A.; Pavlenko, Ya. V.; Abia, K.; et al.
 Source: KINEMATICS AND PHYSICS OF CELESTIAL BODIES Volume: 27 Issue: 5 Pages: 233-248 DOI: 10.3103/S0884591311050072 Published: OCT 2011
 ♦ ORM: WHT/UES; NOT/SOFIN
 ♦ Otros: 2m telescope at ICAMER

563. [New constraints on the X-ray spectral properties of type 1 active galactic nuclei](#)
 Author(s): Scott, A. E.; Stewart, G. C.; Mateos, S.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 2 Pages: 992-1012 DOI: 10.1111/j.1365-2966.2011.19325.x Published: OCT 2011
 ♦ ESA: XMM-Newton
564. [Discovery of a high-z protocluster with tunable filters: the case of 6C0140+326 at z=4.4](#)
 Author(s): Kuiper, E.; Hatch, N. A.; Venemans, B. P.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 2 Pages: 1088-1097 DOI: 10.1111/j.1365-2966.2011.19324.x Published: OCT 2011
 ♦ GTC/OSIRIS
565. [Herschel -ATLAS: rapid evolution of dust in galaxies over the last 5 billion years](#)
 Author(s): Dunne, L.; Gomez, H. L.; da Cunha, E.; et al.
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 2 Pages: 1510-1533 DOI: 10.1111/j.1365-2966.2011.19363.x Published: OCT 2011
 ♦ ESA: Herschel (ATLAS)
 ♦ ESO (Paranal): VISTA (VIKING)
 ♦ Otros: SDSS; UKIRT; GALEX MIS, VST KIDS, etc.
566. [VFISV: Very Fast Inversion of the Stokes Vector for the Helioseismic and Magnetic Imager](#)
 Author(s): Borrero, J. M.; Tomczyk, S.; Kubo, M.; et al.
 Source: SOLAR PHYSICS Volume: 273 Issue: 1 Pages: 267-293 DOI: 10.1007/s11207-010-9515-6 Published: OCT 2011
 ♦ ESA: Hinode
567. [Integral field spectroscopy of a sample of nearby galaxies I. Sample, observations, and data reduction](#)
 Author(s): Marmol-Queralto, E.; Sanchez, S. F.; Marino, R. A.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A8 DOI: 10.1051/0004-6361/201117032 Published: OCT 2011
 ♦ CAHA: 3.5m/PMAS
 ♦ Otros: SDSS
568. [An All-Sky Transmission Monitor: ASTMON](#)
 Author(s): Aceituno J.; Sanchez S. F.; Aceituno F. J.; et al.
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 907 Pages: 1076-1086 DOI: 10.1086/661918 Published: SEP 2011
 ♦ Instrumentación
 ♦ CAHA: ASMON

569. [THE CANADA-FRANCE ECLIPTIC PLANE SURVEY-FULL DATA RELEASE: THE ORBITAL STRUCTURE OF THE KUIPER BELT](#)
Author(s): Petit J-M; Kavelaars J. J.; Gladman B. J.; et al.
Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 4 Article Number: 131 DOI: 10.1088/0004-6256/142/4/131 Published: OCT 2011
- ◆ CAHA: 2.2m/CAFOS
 - ◆ ORM: NOT
 - ◆ ESO (Paranal); VLT
 - ◆ ESO (La Silla): 2.2m
 - ◆ Otros: CFHT (MegaPrime); Subaru; MMT; etc
570. [A Pluto-like radius and a high albedo for the dwarf planet Eris from an occultation](#)
Author(s): Sicardy, B.; Ortiz, J. L.; Assafin, M.; et al.
Source: NATURE Volume: 478 Issue: 7370 Pages: 493-496 DOI: 10.1038/nature10550 Published: OCT 27 2011
- ◆ CAHA: 2.2m/CAFOS
 - ◆ OT: IAC-80
 - ◆ ORM: LT
 - ◆ Otros: San Pedro Atacana; La Silla 0.6m; up to 26 stations,
571. [Overview of an extensive multi-wavelength study of GX 339-4 during the 2010 outburst](#)
Author(s): Bel, M. Cadolle; Rodriguez, J.; D'Avanzo, P.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A119 DOI: 10.1051/0004-6361/201117684 Published: OCT 2011
- ◆ ESA: INTEGRAL
 - ◆ Otros: RXTE; Swift; REM, FTS; ATCA
572. [The Chromospheric Telescope](#)
Author(s): Bethge, C.; Peter, H.; Kentischer, T. J.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A105 DOI: 10.1051/0004-6361/201117456 Published: OCT 2011
- ◆ OT: ChroTel
573. [Molecular gas around low-luminosity AGN in late-type spirals](#)
Author(s): Boker, T.; Schinnerer, E.; Lisenfeld, U.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A12 DOI: 10.1051/0004-6361/201117262 Published: OCT 2011
- ◆ IRAM: 30m
574. [Far-infrared constraints on the contamination by dust-obscured galaxies of high-z dropout searches](#)
Author(s): Boone, F.; Schaerer, D.; Pello, R.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A124 DOI: 10.1051/0004-6361/201117338 Published: OCT 2011
- ◆ ESA: Herschel
 - ◆ ESO: APEX/LABOCA

575. [Adaptive-optics assisted near-infrared polarization measurements of sources in the Galactic center](#)
 Author(s): Buchholz, R. M.; Witzel, G.; Schoedel, R.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A117 DOI: 10.1051/0004-6361/201117300 Published: OCT 2011
 ♦ ESO (Paranal): VLT/NACO
576. [Integral-field spectroscopy of \(90482\) Orcus-Vanth](#)
 Author(s): Carry, B.; Hestroffer, D.; DeMeo, F. E.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A115 DOI: 10.1051/0004-6361/201117486 Published: OCT 2011
 ESAC
 ♦ ESO (Paranal): VLT/SINFONI
577. [The 2008 outburst of IGR J17473-2721: evidence for a disk corona?](#)
 Author(s): Chen, Y. -P.; Zhang, S.; Torres, D. F.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A101 DOI: 10.1051/0004-6361/201117076 Published: OCT 2011
 ♦ ESA: INTEGRAL
 ♦ Otros: RXTE, and Swift
578. [Multi-wavelength observations of Proxima Centauri](#)
 Author(s): Fuhrmeister, B.; Lalitha, S.; Poppenhaeger, K.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A133 DOI: 10.1051/0004-6361/201117447 Published: OCT 2011
 ♦ ESO (Paranal): VLT/UVES
 ♦ ESA: XMM-Newton
579. [H2CO in the Horsehead PDR: photo-desorption of dust grain ice mantles](#)
 Author(s): Guzman, V.; Pety, J.; Goicoechea, J. R.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A49 DOI: 10.1051/0004-6361/201117257 Published: OCT 2011
 ♦ IRAM: 30m; PdBI
580. [Multi-site, multi-year monitoring of the oscillating Algol-type eclipsing binary CT Herculis](#)
 Author(s): Lampens, P.; Strigachev, A.; Kim, S-L.; et al.
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A111 DOI: 10.1051/0004-6361/201117021 Published: OCT 2011
 ♦ CAHA: 2.2m/CAFOS
 ♦ Otros: Sobaeksan Optical Astronomy Observatory; Sobaeksan Optical Astronomy Observatory; Observatory of Mt. Lemmon; Observatorio de Monegrillo; Beersel Hils Observatory; Observatorio Sierra Nevada; National Astronomical Observatory Rozhen

581. [The AMIGA sample of isolated galaxies IX. Molecular gas properties](#)
Author(s): Lisenfeld, U.; Espada, D.; Verdes-Montenegro, L.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number:
A102 DOI: 10.1051/0004-6361/201117056 Published: OCT 2011
Univ. Granada
◆ IRAM: 30m
◆ Otros: FCRAO 14 m
582. [GOODS-Herschel: a population of 24 mu m dropout sources at \$z < 2\$](#)
Author(s): Magdis, G. E.; Elbaz, D.; Dickinson, M.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number:
A15 DOI: 10.1051/0004-6361/201117649 Published: OCT 2011
◆ ESA: Herschel
583. [An obscured cluster associated with the H II region RCW173](#)
Author(s): Marco, A.; Negueruela, I.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number:
A114 DOI: 10.1051/0004-6361/201117142 Published: OCT 2011
Univ. Alicante
◆ ORM: NOT/ALFOSC
◆ Otros: Spitzer; 2MASS
584. [Hydrogen cyanide and isocyanide in prestellar cores](#)
Author(s): Padovani, M.; Walmsley, C. M.; Tafalla, M.; et al.
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number:
A77 DOI: 10.1051/0004-6361/201117134 Published: OCT 2011
IEEC-CSIC
◆ IRAM: 30m