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Published: 2007
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2. [Search for tidal dwarf galaxy candidates in a sample of ultraluminous infrared galaxies](#)
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Author(s): Santander-Garcia, M; Corradi, RLM; Whitelock, PA, et al.
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34. **Unveiling the broad band X-ray continuum and iron line complex in Mrk 841**
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 A. Ibarra, G. Matt, M. Guainazzi, E. Kuulkers, E. Jiménez-Bailón, J. Rodríguez, F. Nicastro, R. Walter
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42. **Elusive AGN in the XMM-Newton bright serendipitous survey**
 A. Caccianiga, P. Severgnini, R. Della Ceca, T. Maccacaro, F. J. Carrera, M. J. Page
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Author(s): Chyzy, KT; Ehle, M; Beck, R
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Carpano, S.; Pollock, A. M. T.; Prestwich, A.; Crowther, P.; Wilms, J.;
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85. The XMM large scale structure survey: optical vs. X-ray classifications of active
galactic nuclei and the unified scheme
Garcet, O. et al
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- [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
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- [ESA: XMM-Newton](#)

87. The escape of Lyman photons from a young starburst: the case of Haro11†
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- **ESA: XMM-Newton**
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DOI: 10.1051/0004-6361:20078005
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- **ESA: XMM-Newton**
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DOI: 10.1051/0004-6361:20078254
- **ESA: INTEGRAL**
91. **A model for cyclotron resonance scattering features**
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- **ESA: INTEGRAL**
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V. Beckmann et al.
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- **ESA:INTEGRAL**

93. **A 0535+26 in the August/September 2005 outburst observed by *RXTE* and *INTEGRAL***
I. Caballero et al.
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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](#)
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Author(s): Chenevez, J; Falanga, M; Kuulkers, E, et al.
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- [ESA: XMM-Newton; INTEGRAL](#)
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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](#)
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Author(s): Bodaghee, A; Courvoisier, TJL; Rodriguez, J, et al.
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- [ESA: INTEGRAL](#)
98. [A search for counterparts to massive X-ray binaries using photometric catalogues](#)
Author(s): Negueruela, I; Schurch, MPE
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- [ESA: INTEGRAL](#)

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Author(s): Klochkov, D; Horns, D; Santangelo, A, et al.
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- [ESA: INTEGRAL](#)
100. [IGR j17497-2821: a new X-ray nova](#)
Author(s): Walter, R; Lubinski, P; Paltani, S, et al.
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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.
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- [ESA:INTEGRAL](#)
102. [INTEGRAL observations of the Small Magellanic Cloud](#)
Author(s): McBride, VA; Coe, MJ; Bird, AJ, et al.
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- [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.
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- [ESA:INTEGRAL](#)
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- [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.
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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.
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- 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.
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- 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.
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- ESA:INTEGRAL
109. [The INTEGRAL Galactic bulge monitoring program: the first 1.5 years](#)
Author(s): Kuulkers, E; Shaw, SE; Paizis, A, et al.
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- 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
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- [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.
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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.
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 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.
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- [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
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- [ESA Rosetta \(GIADA\)](#)
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 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
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- [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.
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- **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.
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- **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 Heinzl, 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. Vílchez, 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 $3\text{h} < \text{RA} < 6\text{h}$

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 $18 < \text{RA} < 21\text{h}$

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 $17\text{h} < \text{RA} < 18\text{h}$

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

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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. [MULTIWA VELENGTH 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. [MULTIWA VELENGTH 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: Galex
 ♦ 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
 - ◆ TheWesterbork SynthesisRadio 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: 1107-1121
 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

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 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 Telescope 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 Pizskéstet"o 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 \acute{e} gantic. 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.
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 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): Moutaka 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.
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- ◆ [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.
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 ♦ **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): Barrena 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, Pallo 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/ ALFOSC
 - ◆ 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.
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- ◆ 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.
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- ◆ 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
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 Author(s): Lípári 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
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- ◆ 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.
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- ◆ 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.
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 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.
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- ◆ 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
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- ◆ 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.
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- ◆ 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.
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 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.
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- ◆ 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.
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- ◆ 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.
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- ◆ 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.
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 ♦ 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
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 Author(s): Wiersema K, Russell DM, Degenaar N, et al.
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 ♦ 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
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 ♦ ORM: WHT
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 Author(s): Price J, Phillipps S, Huxor A, et al.
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 ♦ ESA/NASA: Hubble/ ACS
 ♦ MMT Observatory
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 Author(s): Shalyapin VN, Goicoechea LJ, Koptelova E, et al.
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 ♦ ORM: LT
 ♦ Maidanak (Uzbekistan): 1.5-m AZT-22 Telescope

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 Author(s): Doherty M, Arnaboldi M, Das P, et al.
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 ♦ ESO (Paranal): VLT (UT2)/FLAMES
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 Author(s): Goldman B, Pitann J, Osorio MRZ, et al.
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 ♦ ESO (Paranal) VLT-UT2/FORS1
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 Author(s): Beck C, Rezaei R
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 ♦ 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.
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 ♦ ESA/NASA: SoHo
 ♦ Otras misiones: NIMBUS 7; SMM; UARS; SoRCE; SOLSTICE; etc

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 Author(s): Konstantopoulos IS, Bastian N, Smith LJ, et al.
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- ◆ ESA/NASA: Hubble
 - ◆ Gemini Observatory
170. [EVIDENCE FOR QUASI-ISOTROPIC MAGNETIC FIELDS FROM HINODE QUIET-SUN OBSERVATIONS](#)
 Author(s): Ramos AA
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- ◆ 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.
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- ◆ ESA:Hubble
172. [Uncovering the kiloparsec-scale stellar ring of NGC 5128](#)
 Author(s): Kainulainen JT, Alves JF, Beletsky Y, et al.
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- ◆ 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.
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- ◆ 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.
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- ◆ 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
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 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:
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- ◆ 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.
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- ◆ 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.
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- ◆ 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.
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- ◆ 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.
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- ◆ ESA: XMM-Newton
186. [Magnetic field strength of active region filaments](#)
 Author(s): Kuckein C, Centeno R, Pillet VM, et al.
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- ◆ 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.
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- ◆ 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.
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- ◆ 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
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 Author(s): Gibson NP, Pollacco D, Simpson EK, et al.
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- ◆ 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

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 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.
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- ◆ 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.
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- ◆ 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.
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- ◆ 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.
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- ◆ ESA/NASA: Hubble/ ACS

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 Author(s): Sollima A, Bellazzini M, Smart RL, et al.
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- ◆ ESO (Paranal): VLT/ FLAMES
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 Author(s): Pérez-Torres MA, Zandanel F, Guerrero MA, et al.
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 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.
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 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.
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 Published: JUL 20 2009
- ◆ ORM: WHT
 - ◆ Mauna Kea Observatory: Keck I /HIRES

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 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.
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- ◆ ESA: XMM-Newton
 - ◆ High Energy Astrophysics Science Archive Research Centre Online Service
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 - ◆ NASA:GALEX
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- ◆ ORM. JKT

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- ◆ ESA: COROT
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- ◆ ESA/ NASA: Hubble/ ACS
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- 212. [THE ACS LCID PROJECT. I. SHORT-PERIOD VARIABLES IN THE ISOLATED DWARF SPHEROIDAL GALAXIES CETUS AND TUCANA](#)
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- ◆ ESO (Paranal). VLT-Yepun/ NACO
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 - ◆ NASA: Chandra; Swift
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 - ◆ Otros 7 telescopios
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 - ◆ SDSS
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- ◆ ESA/NASA: Hubble/STIS
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- ◆ [OT: VSA](#)
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- ◆ ESO (Paranal): VLT/NACO
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 - ◆ NASA: GALEX; Spitzer
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- ◆ [IRAM: 30m/HERA](#)
 - ◆ NASA/IPAC Extragalactic Database (NED)
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 - ◆ CADK 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)
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 - ◆ [ORM: NOT/ ALFOSC; KVA](#)
 - ◆ Otros 11 telescopios ópticos
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- ◆ [ESA: Hipparcos \(Hipparcos and Tycho Catalogues\)](#)

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 - ◆ OT: TCS
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- ◆ ORM:MAGIC
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 - ◆ NASA: Spitzer
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 - ◆ Gemini-North/NIRI
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 - ◆ ESO (La Silla): 2.2m MPG/ WFI (COMBO-17)
 - ◆ NASA: Spitzer
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 Author(s): López R, Estalella R, Gomez G, et al.
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- ◆ ORM: NOT/ ALFOSC

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- ◆ IRAM: 30m
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 - ◆ Rosat All-sky Survey database
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 - ◆ ESO (La Silla): NTT/EFOSC2
 - ◆ UKIRT/UFTI
 - ◆ Gemini Observatory/NIRI
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 - ◆ Datos ya publicados, Gavazzi et al. (2001): NTT (ESO; La Silla); TNG (ORM) (indirectos)
 - ◆ Oschin Schmidt Telescope (PalomarMountain)
 - ◆ UK Schmidt Telescope
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 - ◆ 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
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 Author(s): García-Melendo E, Sanchez-Lavega A, Rojas JF, et al.
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- ◆ ESA/NASA: Cassini
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 - ◆ SDSS
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- ◆ ESA: Hinode
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 - ◆ NASA: HEASARC facility

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 ♦ IRAM: 30m
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 Author(s): Henze M, Pietsch W, Sala G, et al.
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 ♦ NASA: Chandra/ HRC-I
 ♦ Super-LOTIS telescope
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 Author(s): Mesa-Delgado A, Esteban C, Garcia-Rojas J, et al.
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 ♦ ESO (Paranal): VLT-UT2/ UVES
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 Author(s): Rodriguez-Gil P, Martinez-Pais IG, Rodriguez JD
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 ♦ ORM: WHT
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 ♦ ESA: XMM-Newton archive
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 ♦ ORM: MAGIC

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 Author(s): Guenther EW, Osorio MRZ, Mehner A, et al.
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 - ◆ CAHA: 2.2m
 - ◆ SIMBAD database
 - ◆ 2MASS
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 Author(s): Iannicola G, Monelli M, Bono G, et al.
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- ◆ ESA/NASA: Hubble
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 - ◆ NASA/IPAC Extragalactic Database (NED)
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 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.
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- ◆ 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
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 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/ ALFOSC; 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, Marti J, Combi JA, et al.
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- ◆ 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.
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- ◆ 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
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 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

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 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.
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 Published: APR 10 2009
- ◆ ESA: XMM-Newton
 - ◆ Suzaku
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 Author(s): Ibarra A, Kuulkers E, Osborne JP, et al.
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- ◆ 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.
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- ◆ 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
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 Author(s): Tziamtzis A, Schirmer M, Lundqvist P, et al.
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- ◆ 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.
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- ◆ 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 \(2XMM catalogue\)](#)
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. [HNC0 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.
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 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.
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 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/ ALFOC
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.
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 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.
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- ◆ [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.
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- ◆ [ESA: INTEGRAL; XMM-Newton](#)
 - ◆ NASA: Swift
 - ◆ RXTE

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 Author(s): Saviane I, Exter K, Tsamis Y, et al.
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- ◆ 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.
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- ◆ ESO (Paranal): VLT-Antu/ FORS
360. [On the frequency of N₂H⁺ and N₂D⁺](#)
 Author(s): Pagani L, Daniel F, Dubernet ML
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- ◆ IRAM: 30m
 - ◆ GBT: 100m
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 Author(s): Manteiga M, Carricajo I, Rodriguez A, et al.
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- ◆ 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.
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- ◆ 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.
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- ◆ 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.
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- ◆ ORM: WHT/ ISIS

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- ◆ 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](#)
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 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
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- ◆ 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
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- ◆ ESA: XMM-Newton

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 Author(s): Marcelino N, Cernicharo J, Tercero B, et al.
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- ◆ IRAM: 30m
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- ◆ IRAM: PdBI
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 - ◆ ORM: INT; WHT
 - ◆ 6 m at the Special Astrophysical Observatory (SAO)
 - ◆ SDSS
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 Author(s): Durant M, Gandhi P, Shahbaz T, et al.
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 - ◆ ESO (Paranal): VLT/FORS2/ULTRACAM
 - ◆ ESA: INTEGRAL
 - ◆ RXTE (Rossi X-Ray Timing Explorer)
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 Author(s): Baran A, Oreiro R, Pigulski A, et al.
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- ◆ 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)
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 Author(s): Lipari S, Sanchez SF, Bergmann M, et al.
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- ◆ ORM: NOT; WHT/ INTEGRAL
 - ◆ ESA/NASA: Hubble
 - ◆ Gemini Observatory
 - ◆ KPNO

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 Author(s): Joshi YC, Pollacco D, Cameron AC, et al.
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- ◆ 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
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 Author(s): Christian DJ, Gibson NP, Simpson EK, et al.
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 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.
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- ◆ ORM: NOT/ALFOSC
 - ◆ UKIRT optical/NIR photometric data
 - ◆ 2XMMp X-ray data
 - ◆ Subaru MOIRCS IR spectroscopy
 - ◆ SDSS-DR5
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 Author(s): Albert J, Aliu E, Anderhub H, et al.
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- ◆ ORM:MAGIC
380. [Possible pingo fields in the Utopia basin, Mars: Geological and climatological implications](#)
 Author(s): de Pablo MA, Komatsu G
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- ◆ 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.
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 Published: JAN 2009
- ◆ ESA: XMM-Newton; Hubble
 - ◆ NASA: Spitzer; GALEX; Hale Telescope; Chandra Data Archive (CDA)

- ◆ CFHT/ MegaPrime/MegaCam

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- ◆ ESA/ NASA: Hubble/ ACS

- 383. [THE ACS NEARBY GALAXY SURVEY TREASURY. I. THE STAR FORMATION HISTORY OF THE M81 OUTER DISK](#)
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- ◆ ESA/ NASA: Hubble/ ACS

- 384. [High spatial resolution Galactic 3D extinction mapping with IPHAS](#)
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- ◆ ORM: INT (IPHAS data base)
- ◆ SIMBAD data base

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- ◆ 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](#)
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- ◆ 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](#)
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- ◆ ESO (La Silla): NTT/ EMMI
- ◆ 2MASS

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 Author(s): Trigo MD, Parmar AN, Boirin L, et al.
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 ♦ ESA: XMM-Newton; INTEGRAL
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 ♦ ESA: XMM-Newton/ EPIC
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 ♦ OT: MONS
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 ♦ ESA: XMM-Newton
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 Author(s): Israelian G, Mena ED, Santos NC, et al.
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 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

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 Author(s): Salvaterra R, Della Valle M, Campana S, et al.
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 - ◆ BAT
 - ◆ KRT
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 Author(s): Palle E, Osorio MRZ, Barrena R, et al.
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- ◆ ORM: NOT; WHT
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 Author(s): Fabian AC, Zoghbi A, Ross RR, et al.
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 Author(s): Valenti S, Pastorello A, Cappellaro E, et al.
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 - ◆ CAHA
 - ◆ ESO (Paranal): VLT/ FORS2
 - ◆ Ekar (Asiago Observatory, Italy)
 - ◆ Begues Observatory and Arguines Observatory telescopes (Barcelona and Segorbe, Spain),
 - ◆ Taurus Hill Observatory (Varkaus, Finland)
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 Author(s): Acciari VA, Aliu E, Arlen T, et al.
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 - ◆ VLBA

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Author(s): Roman-Zuniga CG, Alves JF, Lada CJ, et al.
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◆ 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.
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◆ ORM: SST
◆ ESA: Hinode
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Author(s): Schreiber MR, Gansicke BT, Rebassa-Mansergas A, et al.
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◆ ESO (La Silla): ¿?
◆ ORM: WHT
◆ CAHA: ¿?
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◆ Otros: Subaru; Megellan

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 - ◆ Otros: UKIDSS; 2MASS

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Author(s): Roberts JF, Jimenez-Serra I, Martin-Pintado J, et al.
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 - ◆ Otros: JCMT

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 - ◆ 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

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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
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- ◆ 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.
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 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
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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.
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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
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 ♦ 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 JI, 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.
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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): Huélamo 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): Boschini 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 MJPGF, 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
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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
◆ 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, Martí 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/ ALFOC
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, Guélin 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, Boschini 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.
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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
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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, Lodi 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**
◆ Otros: VLBA; RXTE; Fermi; Liverpool:2m; Perkins; Bok; SO:Kuiper; CAO:2.2m; 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.
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Published: FEB 10 2010
◆ ORM: MAGIC
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Author(s): Appourchaux T, Belkacem K, Broomhall AM, et al.
Source: ASTRONOMY AND ASTROPHYSICS REVIEW Volume: 18 Issue: 1-2
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◆ ESA: SOHO
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Author(s): James BL, Tsamis YG, Barlow MJ
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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
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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.
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 ♦ 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.
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 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.
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 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 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
636. [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

637. [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

638. [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