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  - **ORM: WHT**
  - **CAHA: 2.2m**
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- ORM: INT; WHT; NOT
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[F. Vilardell](#), [C. Jordi](#), [I. Ribas](#)  
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- ORM: INT
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- ORM: INT; NOT
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[L. Balaguer-Núñez](#), [D. Galadí-Enríquez](#), [C. Jordi](#)  
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- ORM: INT and JKT telescopes
  - CAHA: 1.23 m telescope

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  - CAHA: 3.5m
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[R. Barrena](#), [W. Boschin](#), [M. Girardi](#), [M. Spolaor](#)  
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- ORM: INT, TNG
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- ORM: INT; WHT
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- ORM: INT; TNG
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- ORM: INT
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[V. Stanishev et al.](#)  
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 DOI: 10.1051/0004-6361:20066020
- ORM: INT; WHT; NOT; TNG
  - CAHA: 2.2m and 3.5m telescopes
159. **Newly discovered cataclysmic variables from the INT/WFC photometric H<sup>α</sup> 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
160. **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
161. **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
162. **The Monitor project: JW 380 – a 0.26-, 0.15-M<sub>☉</sub>, 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/WFC
  - ESO (Paranal): VLT/ISAAC
163. **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
164. **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
  - ESO: Paranal-VLT



165. **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
166. **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
167. **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
168. **Optical flares from the faint mid-dM star 2MASS J00453912+4140395**  
 Zs. K. \* vári, 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
169. **[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
170. **[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
171. **[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

172. **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: TCS
  - CAHA: 3.5 m
  - IRAM: PdBI
173. **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: TCS
174. **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
175. **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
176. **The water ice rich surface of (145453) 2005 RR<sub>43</sub>: 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
177. **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
178. [Spectrophotometric investigations of blue compact dwarf galaxies : Markarian 35](#)  
 Cairos, LM; Caon, N; Garcia-Lorenzo, BA, et al.  
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- ORM:WHT, NOT

179. [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: 3.5m/Omega2000
180. **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
181. **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
182. **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/ISIS, NOT/ALFOSC, TNG/NICS/DOLORES, LT/RatCam
  - Paranal: VLT/FORS1/ISAAC
  - La Silla: MPG 2.2-m/WFI
  - CAHA: 2.2m/CAFOS, 3.5m/Omega2000
183. **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. Schmidtbreick, B. T. Gänsicke
- ORM: WHT
  - La Silla: NTT
184. **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

185. **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
186. **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
187. **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/LIRIS
  - CAHA
188. **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
189. [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
190. **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

191. **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 (La Silla): NTT
192. **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
193. **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
194. **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)
195. **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
196. **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

197. **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
198. **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
199. **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
200. **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/ALFOSS, TNG/NICS/DOLORES, Mercator
  - La Silla: MPG 2.2m/WFI
  - CAHA: 2.2m/CAFOS, 3.5m/Omega-Cass
201. **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
202. **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

203. **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
204. [Asteroseismology of the PG 1159 star PG 0122+200](#)  
 J.N. Fu, 2007  
**DOI:** [10.1051/0004-6361:20066295](#)  
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- ORM: NO
205. [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
206. **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
207. [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
208. **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
209. **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

210. **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

211. **Discovery of Very High Energy  $\gamma$ -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

212. **Discovery of Very High Energy  $\gamma$ -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

213. **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

214. **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

215. **[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

216. **[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

217. **[Variable VHE gamma-ray emission from Markarian 501](#)**

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

- ORM: MAGIC



218. [Observations of Mkn 421 with the MAGIC Telescope](#)  
J. Albert et al., ApJ 663 (2007) 125
- ORM: MAGIC
219. [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
220. [First bounds on very high energy gamma-ray emission from Arp 220](#)  
J. Albert et al., ApJ 658 (2007) 245
- ORM: MAGIC
221. [FADC Signal reconstruction for the MAGIC telescope](#)  
J. Albert et al., Nucl. Instr. Meth. A 594 (2008) 407
- ORM: MAGIC
222. [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
223. **Observation of VHE  $\gamma$ -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
224. **SuperWASP-North extrasolar planet candidates between  $3h < RA < 6h$**   
Monthly Notices of the Royal Astronomical Society  
Volume 381, Issue 2, Date: October 2007, Pages: 851-864  
W. I. Clarkson, et al.
- ORM: SuperWASP-N
225. **SuperWASP-N extrasolar planet candidates between  $18 < RA < 21 h$**   
Monthly Notices of the Royal Astronomical Society  
Volume 379, Issue 2, Date: August 2007, Pages: 816-832  
R. A. Street et al.
- ORM: SuperWASP-N

226. **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: [SuperWASP-N](#)
227. **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: [SuperWASP](#)
228. **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](#)
229. **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](#)
230. **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](#)
231. **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](#)
232. **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](#)

233. **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
234. **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
235. **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
236. [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
237. **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: NTT/SOFI
  - Paranal: VLT/NACO
238. **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
  - IRAM: 30m
239. **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. Sanmartin](#)  
 Astronomy and Astrophysics 472 3 (2007) 847-854  
 DOI: 10.1051/0004-6361:20077890
- La Silla: 1.5m

240. **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: 3.6m/HARPS, MPG 2.2m/FEROS](#)
241. **Substructures in WINGS clusters**  
[M. Ramella et al.](#)  
 Astronomy and Astrophysics 470 1 (2007) 39-51  
 DOI: 10.1051/0004-6361:20077245  
 • [La Silla: MPG 2.2m/WFI](#)
242. **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  
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## PUBLICACIONES 2009

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  - ◆ ORM: WHT/ ISIS
4. [Are dry mergers dry, moist or wet ?](#)  
Author(s): Sanchez-Blazquez P, Gibson BK, Kawata D, et al.  
Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
Volume: 400 Issue: 3 Pages: 1264-1282 Published: DEC 11 2009
  - ◆ ORM: WHT
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Author(s): Fynbo JPU, Jakobsson P, Prochaska JX, et al.  
Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 185  
Issue: 2 Pages: 526-573 Published: DEC 2009
  - ◆ ORM: NOT/ ALFOSC
  - ◆ ESO (Paranal): VLT/ FORS1/ FORS2/ UVES
  - ◆ Otros: Gemini telescopes; 3 m Shane Telescope; Keck telescope

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

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



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 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.  
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- ◆ ORM: WHT/ ISIS; NOT/ ALFOSC
  - ◆ CAHA: 2.2m/ CAFOS

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

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

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

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 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
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 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 2.2mMPI/ FEROS  
 ♦ 2 m Telescope Bernard Lyot (TBL)
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 ♦ ESA: CoRoT  
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 ♦ ESA: CoRoT  
 ♦ DDO: 1.88m telescope  
 ♦ 2m Télescope Bernard Lyot (TBL)

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- ◆ ESA: CoRoT
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- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 2.2mMPI/ FEROS
  - ◆ CAHA: 2.2m/ FOCES
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- ◆ ESO (La Silla): 2.2mMPI/ FEROS
  - ◆ ORM: Mercator
  - ◆ San Pedro Mártir (México): 1.5 m telescope
  - ◆ 1m RCC and 50 cm telescope at the Piszkestető Mountain Station of Konkoly Observatory
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  - ◆ ESO (La Silla): 3.6m/ HARPS
  - ◆ OT: IAC80
  - ◆ ORM: INT
  - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
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- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 3.6m/ HARPS
  - ◆ ESO (Paranal) VLT-UT1/ CRIRES

- ◆ OT: IAC80
  - ◆ ORM: INT
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- ◆ ESO (La Silla): 3.6m/ HARPS
  - ◆ La Silla (no ESO): EULER Swiss telescope
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- ◆ 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
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- ◆ ESA: CoRoT
  - ◆ OT: IAC80
  - ◆ ORM: INT
  - ◆ Exo-Dat database
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 ♦ ESO (La Silla): 3.6m/ HARPS
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 ♦ ESA: CoRoT
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 ♦ ORM: INT
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 ♦ **ORM: NOT; WHT**

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  - ◆ ORM: WHT/ INTEGRAL
  - ◆ ESA/NASA: Hubble
  
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  - ◆ IRAM: 30m
  
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  - ◆ ESA/NASA: Hubble
  
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  - ◆ ORM: MAGIC; KVA
  
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  - ◆ ESO (Paranal): VT/ UVES
  
- 106. [On the nature of the near-UV extended light in Seyfert galaxies](#)  
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 ♦ NASA: Swift
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 ♦ ESA: XMM-Newton
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 ♦ ESA/NASA: SOHO
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 ♦ ESO (La Silla): NTT/ SOFI  
 ♦ ESO (Paranal): VLT/ ISAAC  
 ♦ NASA: Spitzer Space Telescope  
 ♦ GBT
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 ♦ ESA/NASA: Hubble  
 ♦ NASA: Spitzer Space Telescope



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 ♦ [ORM: SST](#)
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 ♦ [ESA/NASA: Hubble](#)  
 ♦ [NASA: Chandra Data Archive](#)  
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 ♦ [ORM: WHT/GH \$\alpha\$ FaS](#)  
 ♦ [New Technology for the Observatoire du mont M'egantic. Fabry-Perot interferometer \(FaNTOmM\); 1.6 m \(OmM\)](#)  
 ♦ [3.6 m Canada-France-Hawaii Telescope \(CFHT\)](#)  
 ♦ [NASA: Spitzer Space Telescope](#)  
 ♦ [NASA/IPAC Extragalactic Database \(NED\)](#)
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 ♦ [ESA: IUE archive](#)
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  - ◆ ESO (La Silla): NTT/ EMMI
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  - ◆ UKIRT
  - ◆ Gemini Observatory
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- ◆ ESO (Paranal): VLT/ ISAAC
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  - ◆ ORM: NOT
  - ◆ NASA: Chandra
  - ◆ NASA's Astrophysics Data System Abstract Service and the SIMBAD Database
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- ◆ ESA: INTEGRAL
  - ◆ Swift data archive and INTEGRAL data archive
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- ◆ ESA: Hinode
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- ◆ ORM: superWASP

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- ◆ ESA: XMM-Newton
  - ◆ ESO (La Silla): NTT/ EMMI
  - ◆ NASA/IPAC Extragalactic Database (NED)
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- ◆ ORM: INT /IDS/ IPHAS; NOT/ALFOSC
  - ◆ ESA/NASA: Hubble
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- ◆ ESO (Paranal): VLT-UT1/ ISAAC
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- ◆ ORM: SST
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- ◆ ORM: KVA
  - ◆ CAHA

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 ♦ IRAM: PdBI
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 ♦ ORM: TNG/DOLORES/NICS; LT/RATCam; NOT/ALFOSC; INT; WHT;  
 ♦ CAHA: 2.2m/CAFOS  
 ♦ NASA: Spitzer Space Telescope  
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 ♦ Observatoire de Haute Provence  
 ♦ Telast at IAC

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  - ◆ SIMBAD database
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  - ◆ ORM: Mercator; NOT/ ALFOOSC
  - ◆ IRAM: PdBI
  - ◆ 0.22 m telescope at Russia
  - ◆ 0.7 m telescope at of Kharkov University, Ukraine
  - ◆ 1.5 m telescope of Maidanak observatory Uzbekistan
  - ◆ 2.0 m IGO Telescope at IUCAA Pune, India
  - ◆ RATAN-600 Radio Telescope at Russia
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- ◆ ORM: INT; NOT; WHT  
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  - ◆ WDS, SIDONe, and SIMBAD databases
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  - ◆ 6 m SAO RAS telescope
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- ◆ ESA/NASA: Hubble/ ACS
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 ♦ CAHA: 1.5m  
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 ♦ ORM: WHT  
 ♦ Gemini  
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 ♦ NASA: Spitzer/IRAC
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 ♦ NASA: Chandra
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 ♦ OT: VTT
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 ♦ ESO (Paranal): VLT/VIMOS
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 ♦ SXDS Public Suprime-Cam Data Release
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  - ◆ Gemini Observatory
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  - ◆ [ESO \(Paranal\): VLT-Yepun/NACO](#)
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- ◆ [ESA: Hinode](#)
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 ♦ ESO (Paranal): VLT/ ISAAC  
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 ♦ ORM: INT; WHT; NOT  
 ♦ San Pedro Mártir (México): SPM2.1 m
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  - ◆ Observatoire de Haute Provence : 1.93m/ SOPHIE
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- ◆ ESA: Venus Express
  - ◆ STEREO/SECCHI
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  - ◆ ESA: XMM-Newton (archivo)
  - ◆ NASA: Spitzer; Chandra; ROSAT (archivo) ; Swift (archivo) ; GALEX (archivo)
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- ◆ OT: VTT

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  - ◆ NASA: Spitzer Space Telescope
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- ◆ ESO (La Silla): NTT/ EMMI
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  - ◆ South African Astronomical Observatory
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  - ◆ ORM: DOT

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  - ◆ Spitzer
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 ♦ Giant Metrewave Radio Telescope (GMRT)  
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  - ◆ Otros 7 telescopios
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 ♦ 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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  - ◆ NASA: Spitzer
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 ♦ ESO (La Silla): NTT/EFOSC2  
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 ♦ Datos ya publicados, Gavazzi et al. (2001): NTT (ESO; La Silla); TNG (ORM) (indirectos)  
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  - ◆ UKIRT
  - ◆ Observatorio Astronomico Nacional at San Pedro Mártir: 2.1m
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  - ◆ SDSS
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  - ◆ NASA: Chandra/ HRC-I
  - ◆ Super-LOTIS telescope
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- ◆ ESO (Paranal): VLT-UT2/ UVES
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- ◆ ORM: WHT
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- ◆ ESO (La Silla): 3.6m/EFOSC2
  - ◆ CAHA: 2.2m
  - ◆ SIMBAD database
  - ◆ 2MASS
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- ◆ ESA/NASA: Hubble/ACS, WFPC2 and STIS
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- ◆ ESA/NASA: Hubble
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  - ◆ 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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- ◆ ESO: APEX/ LABOCA (instrumentación)
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- ◆ ESA: ISO (ISO Data Archive)
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  - ◆ NRAO: VLA
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  - ◆ ORM: NOT/ ALFOSC
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- ◆ ESO (Paranal): VLT UT2/UVES >>>>public database of the UVES Paranal Observatory Project5 (Bagnulo et al. 2003).
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  - ◆ NASA: Spitzer Space Telescope (GLIMPSE survey)
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  - ◆ NASA/IPAC Infrared Science Archive

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 ♦ Suzaku
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 ♦ ESO (La Silla): 2.2m/ WFI; 3.6m/ EFOSC2; NTT/ EMMI
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- 293. [Tracing the young massive high-eccentricity binary system theta\(1\)Orionis C through periastron passage](#)  
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  - ◆ ESO (Paranal). VLTI/ AMBER
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  - ◆ BTA-6.0 m (Russian Big Telescope Altazimuthal)
- 294. [SiO EMISSION AS A TRACER OF X-RAY DOMINATED CHEMISTRY IN THE GALACTIC CENTER](#)  
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  - ◆ IRAM: 30m
- 295. [FLUORINE IN ASYMPTOTIC GIANT BRANCH CARBON STARS REVISITED](#)  
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  - ◆ ESO (Paranal): VLT/ CRIRES
  - ◆ ORM: TNG/ SARG
- 296. [THREE-DIMENSIONAL RADIATIVE TRANSFER MODELING OF THE POLARIZATION OF THE SUN'S CONTINUOUS SPECTRUM](#)  
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- 297. [NEAR-INFRARED SPECTROSCOPY OF SEYFERT GALAXIES. NUCLEAR ACTIVITY AND STELLAR POPULATION](#)  
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  - ◆ ORM:WHT
- 298. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VII. RELATIVE AGES](#)  
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  - ◆ ESA/NASA: Hubble



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- ◆ ESA: XMM-Newton
  - ◆ Suzaku
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  - ◆ ESO (La Silla): NTT
  - ◆ 2MASS, DENIS, USNO, GSC, NOMAD, and IRAS Faint Source Catalogs
  - ◆ Simbad, Visir, and ADS databases.
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- ◆ CAHA: 2.2m/ CAFOS; 3.5m/ TWIN
  - ◆ 0.70 m telescope of the AIP, Germany
  - ◆ 1.2m telescope at the FLWO in Arizona
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- ◆ ESA: XMM-Newton (2XMM cataloge)
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 Author(s): Mesa-Delgado A, Lopez-Martin L, Esteban C, et al.  
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- ◆ CAHA: 3.5m/ PMAS
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  - ◆ OT: IAC-80
  - ◆ CAHA: 2.2m

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 ♦ [ESA/NASA: Hubble/ WFPC2](#)  
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 ♦ [IRAM: PdBI; 30m](#)  
 ♦ [ESA/NASA: Hubble data archive](#)
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 ♦ [CAHA: 2.2m/CAFOS](#)
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 Author(s): Sierpowska-Bartosik A, Torres DF  
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 ♦ ORM: MAGIC
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 ♦ Tenagra Telescope (Arizona)  
 ♦ Observatoire de Haute Provence: 1.93 m telescope/ SOPHIE
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 ♦ ORM: WHT/AF2  
 ♦ AAT/2dF
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 Author(s): Perez I, Sanchez-Blazquez P, Zurita A  
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 ♦ ORM: INT  
 ♦ 2.3m, SSO  
 ♦ NASA/IPAC Extragalactic Database (NED)  
 ♦ DSS
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 ♦ NRAO: VLA  
 ♦ SCUBA data

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- ◆ ESA: ISO
  - ◆ NASA: Spitzer Space Telescope
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- ◆ ESO (Paranal): VLT/ISAAC
  - ◆ NASA: Spitzer Space Telescope
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  - ◆ ORM: WHT/ UES
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- ◆ IRAM: 30m/MAMBO; PdBI
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 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
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 Author(s): Dominguez-Palmero L, Balcells M  
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- ◆ ESA/NASA: Hubble/ACS

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 Author(s): Meyer L, Do T, Ghez A, et al.  
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 ♦ ESO (Paranal): VLT-UT4/ NACO  
 ♦ Keck II/ NIRC2)
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 Author(s): Martinez MJ, Marco FJ, Lopez JA  
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 ♦ Teórico  
 ♦ ESA: Hipparcos catalog
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 Author(s): Miniutti G, Ponti G, Greene JE, et al.  
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 ♦ ESA: XMM-Newton
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 ♦ 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
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 ♦ ORM:MAGIC
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 ♦ ESA: Cluster II CIS instrument

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 Author(s): Gray ME, Wolf C, Barden M, et al.  
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- ◆ 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
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 Author(s): Wolf C, Aragon-Salamanca A, Balogh M, et al.  
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 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.  
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 ♦ 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.  
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 Published: FEB 2009
- ◆ ESO (Paranal): VLT/FORS1
342. [Internal dynamics of the galaxy cluster Abell 959](#)  
 Author(s): Boschini W, Barrena R, Girardi M  
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 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.  
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 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.  
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 Published: FEB 2009
- ◆ ESA: XMM-Newton
  - ◆ NASA: Chandra
  - ◆ BeSS database
345. [The accretion powered spin-up of GRO J1750-27](#)  
 Author(s): Shaw SE, Hill AB, Kuulkers E, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
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- ◆ ESA: INTEGRAL
  - ◆ NASA: Swift



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 Author(s): Snowden SL, Collier MR, Cravens T, et al.  
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 ♦ ESA: XMM-Newton
347. [OPTICAL CHARACTERIZATION OF A NEW YOUNG STELLAR POPULATION IN THE SERPENS MOLECULAR CLOUD](#)  
 Author(s): Oliveira I, Merin B, Pontoppidan KM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 1 Pages: 672-686  
 Published: JAN 20 2009  
 ♦ ORM: WHT/ WYFFOS; TNG/ DOLORES  
 ♦ CAHA: 2.2m/ CAFOS
348. [DETECTION OF CHROMATIC MICROLENSING IN Q 2237+0305 A](#)  
 Author(s): Mosquera AM, Munoz JA, Mediavilla E  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1292-1299  
 Published: FEB 1 2009  
 ♦ ORM: NOT/ ALFOSC
349. [ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS](#)  
 Author(s): Morales JC, Ribas I, Jordi C, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1400-1411  
 Published: FEB 1 2009  
 ♦ ORM: LT  
 ♦ Otros: Fairborn Observatory; Palomar Observatory; Ondřejov observatory; Whipple Observatory
350. [KINEMATIC PROPERTIES AND STELLAR POPULATIONS OF FAINT EARLY-TYPE GALAXIES. II. LINE-STRENGTH MEASUREMENTS OF CENTRAL COMA GALAXIES](#)  
 Author(s): Matkovic A, Guzman R, Sanchez-Blazquez P, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1862-1878  
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 ♦ 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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 ♦ ESA/NASA. Hubble/ ACS/ WFPC2
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 Author(s): Reig P, Torrejon JM, Negueruela I, et al.

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

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

- ◆ VERITAS
- 364. [CARBON AND NITROGEN ABUNDANCES IN EARLY-TYPE GALAXIES](#)  
 Author(s): Toloba E, Sanchez-Blazquez P, Gorgas J, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 691 Issue: 2  
 Pages: L95-L98 Published: FEB 1 2009
  - ◆ ORM: WHT/ ISIS
- 365. [DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION](#)  
 Author(s): Aliu E, Anderhub H, Antonelli LA, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 692 Issue: 1  
 Pages: L29-L33 Published: FEB 10 2009
  - ◆ ORM:MAGIC
- 366. [EARLY SPECTROSCOPIC IDENTIFICATION OF SN 2008D](#)  
 Author(s): Malesani D, Fynbo JPU, Hjorth J, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 692 Issue: 2  
 Pages: L84-L87 Published: FEB 20 2009
  - ◆ ESO (Paranal): VLT/ FORS2
  - ◆ ORM: NOT/ ALFOSC; WHT/ ISIS
  - ◆ UKIRT
- 367. [The XMM-Newton long look of NGC 1365: uncovering of the obscured X-ray source](#)  
 Author(s): Risaliti G, Salvati M, Elvis M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 393 Issue: 1 Pages: L1-L5 Published: FEB 11 2009
  - ◆ ESA: XMM-Newton
- 368. [THE HIGH-MASS END OF THE BLACK HOLE MASS FUNCTION: MASS ESTIMATES IN BRIGHTEST CLUSTER GALAXIES](#)  
 Author(s): Bonta ED, Ferrarese L, Corsini EM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 690 Issue: 1 Pages: 537-559  
 Published: JAN 1 2009
  - ◆ ESA/NASA: Hubble
  - ◆ ESO (La Silla): NTT/ EMMI
- 369. [XMM-NEWTON VIEW OF THE MULTIPHASE WARM ABSORBER IN SEYFERT 1 GALAXY NGC 985](#)  
 Author(s): Krongold Y, Jimenez-Bailon E, Santos-Lleo M, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 690 Issue: 1 Pages: 773-782  
 Published: JAN 1 2009
  - ◆ ESA: XMM-Newton
- 370. [DISCOVERY OF FULMINIC ACID, HCNO, IN DARK CLOUDS](#)  
 Author(s): Marcelino N, Cernicharo J, Tercero B, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 690 Issue: 1  
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- ◆ IRAM: 30m
371. [FIRST DETECTION OF GLYCOLALDEHYDE OUTSIDE THE GALACTIC CENTER](#)  
 Author(s): Beltran MT, Codella C, Viti S, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 690 Issue: 2  
 Pages: L93-L96 Published: JAN 10 2009
- ◆ IRAM: PdBI
372. [Two new large-separation gravitational lenses from SDSS](#)  
 Author(s): Belokurov V, Evans NW, Hewett PC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 1 Pages: 104-112 Published: JAN 1 2009
- ◆ CAHA: 3.5 m
  - ◆ ORM: INT; WHT
  - ◆ 6 m at the Special Astrophysical Observatory (SAO)
  - ◆ SDSS
373. [Multiwavelength spectral and high time resolution observations of SWIFT J1753.5-0127: new activity?](#)  
 Author(s): Durant M, Gandhi P, Shahbaz T, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
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- ◆ ORM: NOT/ALFOSC; WHT/ISIS; Mercator/Merope
  - ◆ ESO (Paranal): VLT/FORS2/ULTRACAM
  - ◆ ESA: INTEGRAL
  - ◆ RXTE (Rossi X-Ray Timing Explorer)
374. [The pulsating hot subdwarf Balloon 090100001: results of the 2005 multisite campaign](#)  
 Author(s): Baran A, Oreiro R, Pigulski A, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 3 Pages: 1092-1105 Published: JAN 21 2009
- ◆ OT: IAC80
  - ◆ Otros: Mt Suhora (0.6m); Baker (0.4 m); Lulin (1 m); Sobaeksan (0.6m); Mauna Kea (0.6 m); Mt. Lemmon (1m); Sierra Nevada (0.9 m)
375. [GEMINI 3D spectroscopy of BAL plus IR plus Fe II QSOs - I. Decoupling the BAL, QSO, starburst, NLR, supergiant bubbles and galactic wind in Mrk 231](#)  
 Author(s): Lipari S, Sanchez SF, Bergmann M, et al.  
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 Volume: 392 Issue: 4 Pages: 1295-1338 Published: FEB 1 2009
- ◆ ORM: NOT; WHT/ INTEGRAL
  - ◆ ESA/NASA: Hubble
  - ◆ Gemini Observatory
  - ◆ KPNO

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

- ◆ CFHT/ MegaPrime/MegaCam
  
- 382. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VI. NGC 6366: A HEAVILY STRIPPED GALACTIC GLOBULAR CLUSTER](#)  
 Author(s): Paust NEQ, Aparicio A, Piotto G, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 246-256  
 Published: JAN 2009
  - ◆ ESA/ NASA: Hubble/ ACS
  
- 383. [THE ACS NEARBY GALAXY SURVEY TREASURY. I. THE STAR FORMATION HISTORY OF THE M81 OUTER DISK](#)  
 Author(s): Williams BF, Dalcanton JJ, Seth AC, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 419-430  
 Published: JAN 2009
  - ◆ ESA/ NASA: Hubble/ ACS
  
- 384. [High spatial resolution Galactic 3D extinction mapping with IPHAS](#)  
 Author(s): Sale SE, Drew JE, Unruh YC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
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  - ◆ ORM: INT (IPHAS data base)
  - ◆ SIMBAD data base
  
- 385. [Near-infrared/optical counterparts of hotspots in radio galaxies](#)  
 Author(s): Mack KH, Prieto MA, Brunetti G, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 2 Pages: 705-717 Published: JAN 11 2009
  - ◆ ESO (Paranal): VLT/ FORS/ ISAAC
  - ◆ NRAO: VLA
  - ◆ NASA/IPAC Extragalactic Data base (NED)
  
- 386. [The XMM-Newton serendipitous survey VI. The X-ray luminosity function](#)  
 Author(s): Ebrero J, Carrera FJ, Page MJ, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 55-69  
 Published: JAN 2009
  - ◆ ESA: XMM-Newton
  - ◆ NASA: Chandra; ASCA; ROSAT
  - ◆ NASA/IPAC Extragalactic Database (NED)
  - ◆ SIMBAD database
  
- 387. [The open cluster Pismis 11 and the very luminous blue supergiant HD 80077 I. Physical parameters of the cluster](#)  
 Author(s): Marco A, Negueruela I  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 79-88
  - ◆ ESO (La Silla): NTT/ EMMI
  - ◆ 2MASS

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



394. [GRB 090423 at a redshift of z approximate to 8.1](#)  
 Author(s): Salvaterra R, Della Valle M, Campana S, et al.  
 Source: NATURE Volume: 461 Issue: 7268 Pages: 1258-1260 Published: OCT 29 2009
- ◆ ORM: TNG/ NICS
  - ◆ BAT
  - ◆ KRT
395. [Earth's transmission spectrum from lunar eclipse observations](#)  
 Author(s): Palle E, Osorio MRZ, Barrena R, et al.  
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  - ◆ Ekar (Asiago Observatory, Italy)
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◆ ESO (La Silla): NTT/ SOFI  
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◆ ORM: WHT  
◆ CAHA: ¿?  
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5. [The NIR Ca II triplet at low metallicity Searching for extremely low-metallicity stars in classical dwarf galaxies](#)  
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◆ ESO (Paranal): VLT/ FLAMES/ UVES  
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  - ◆ 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
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  - ◆ Otros: Spitzer; Keck Observatory, the Kitt Peak; National Observatory; the Subaru Telescope; the Palomar Observatory; University of Hawaii 2.2-m telescope.
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  - ◆ ORM: LT/ RISE
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  - ◆ Otros: VLA; Australia Telescope Compact Array (ATCA)

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  - ◆ Otros: Spitzer
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- ◆ ESA: XMM-Newton/ EPIC/ MOS
  - ◆ Otros: Chandra
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- ◆ ESO (La Silla): 2.2m MPG/ WFI
  - ◆ Otros: Anglo-Australian Telescope; 2MASS database
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 ♦ Otros: NED database
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 ♦ IRAM: PdBI; 30m
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  - ◆ Otros: SIMBAD database
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  - ◆ Otros: Sierra Nevada, 1.5m
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 ♦ 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
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 ♦ ESA/NASA: Herschel

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 ♦ Otros: IRAS
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 ♦ 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

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 ♦ ORM : SST  
 ♦ ESA: Hinode
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 ♦ ESA/NASA: Herschel
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 ♦ ESA/NASA: Herschel/ HIFI  
 ♦ ESO: APEX



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 ◆ ESA/NASA: Herschel/ HIFI
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◆ ESA/NASA: Herschel/ HIFI
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◆ IRAM
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◆ IRAM: 30m
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 ♦ Otros: Nançay radio telescope.
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 ♦ Otros: Spitzer; Galex; SDSS database
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 ♦ ORM: TNG/ SARG  
 ♦ Otros: 1.52m/ FEROS (La Silla-no ESO); SIMBAD database

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 Author(s): Lorenzo MF, Cepa J, Bongiovanni A, et al.  
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 ♦ Otros: CFHT; AEGIS: Chandra, GALEX, Keck, CFHT, MMT, Subaru, Palomar, Spitzer, VLA
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 ♦ Otros: Chandra; ROSAT; Einstein
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 ♦ Otros: Swift; UKIRT; REM; SMARTS; UVOT; Danish 1.54m
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 ♦ CAHA  
 ♦ Otros: Galex; ATCA
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 ♦ CAHA: 3.5m  
 ♦ ESA: AKARI  
 ♦ Otros: Spitzer, GALEX, CFHT, KPNO:2.1m
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 ♦ Otros: NASA Infrared Telescope Facility; 2MASS and SIMBAD databases
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 ♦ 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)

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 ♦ Otros: Kepler
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 ♦ ORM: NOT  
 ♦ ESO (La Silla): NTT/ SOFI  
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 ♦ ESA: Hubble/ NICMOS
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 ♦ ESA: Hubble  
 ♦ Otros: NED database

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 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.  
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 ♦ ORM: MAGIC  
 ♦ Otros: NED database
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 ♦ ESA/NASA: Herschel (in-orbit calibration)
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◆ ESA/NASA: Herschel/ SPIRE
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Author(s): Clements DL, Rigby E, Maddox S, et al.  
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◆ ESA/NASA: Herschel
170. [Herschel-ATLAS: Dust temperature and redshift distribution of SPIRE and PACS detected sources using submillimetre colours](#)  
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◆ ESA/NASA: Herschel
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◆ ESO (Paranal): VLT/ FORS  
◆ Otros: Magellan IMACS; Spitzer; CTIO
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◆ Otros: Spitzer
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◆ Otros: SDSS y NED databases

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◆ ESA/NASA: Herschel  
◆ Otros: Spitzer; Chandra
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Author(s): Rodighiero G, Cimatti A, Gruppioni C, et al.  
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◆ Otros: Spitzer
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◆ Otros: Chandra
186. [PEP: First Herschel probe of dusty galaxy evolution up to  \$z\$  similar to 3](#)  
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 Author(s): Magnelli B, Lutz D, Berta S, et al.  
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 Author(s): Berta S, Magnelli B, Lutz D, et al.  
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 ♦ Otros: VLA
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 ♦ Otros: Spitzer; SDSS
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Author(s): Sturm E, Verma A, Gracia-Carpio J, et al.  
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Author(s): Panuzzo P, Rangwala N, Rykala A, et al.  
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◆ Otros: GMRT, ATCA, UKIDSS, and Spitzer
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Author(s): Baes M, Fritz J, Gadotti DA, et al.  
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◆ Otros: UKIDSS; SDSS database
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Author(s): van der Werf PP, Isaak KG, Meijerink R, et al.  
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Author(s): Galametz M, Madden SC, Galliano F, et al.  
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Author(s): Engelbracht CW, Hunt LK, Skibba RA, et al.  
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◆ Otros: Spitzer
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Author(s): O'Halloran B, Galametz M, Madden SC, et al.  
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Author(s): Sandstrom K, Krause O, Linz H, et al.  
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Author(s): Beirao P, Armus L, Appleton PN, et al.  
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Author(s): Boselli A, Ciesla L, Buat V, et al.  
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 Author(s): Eales SA, Smith MWL, Wilson CD, et al.  
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 Author(s): Cortese L, Bendo GJ, Boselli A, et al.  
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 Author(s): Sauvage M, Sacchi N, Bendo GJ, et al.  
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 ♦ [ESA/NASA: Herschel](#)  
 ♦ Otros: NED database
211. [The Herschel Space Observatory view of dust in M81](#)  
 Author(s): Bendo GJ, Wilson CD, Pohlen M, et al.  
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 Author(s): Roussel H, Wilson CD, Vigroux L, et al.  
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 ♦ ESO (La Silla): NTT  
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 ♦ ESO (La Silla): 3.6m/ HARPS  
 ♦ ORM: Mercator/ HERMES  
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 Published: SEP-OCT 2010  
 ♦ CAHA: 2.2m/ CAFOS  
 ♦ ORM: INT
290. [K 3-22: a D-type symbiotic star \(Research Note\)](#)  
 Author(s): Corradi RLM, Giammanco C  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A99  
 Published: SEP-OCT 2010  
 ♦ ORM: INT  
 ♦ Otros: 2MASS
291. [CoRoT light curves of RR Lyrae stars CoRoT 101128793: long-term changes in the Blazhko effect and excitation of additional modes](#)  
 Author(s): Poretti E, Paparo M, Deleuil M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A108  
 Published: SEP-OCT 2010  
 ♦ ESA: CoRoT
292. [Transiting exoplanets from the CoRoT space mission X. CoRoT-10b: a giant planet in a 13.24 day eccentric orbit](#)  
 Author(s): Bonomo AS, Santerne A, Alonso R, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A65  
 Published: SEP-OCT 2010  
 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 3.6-m/ HARPS  
 ♦ ORM: INT  
 ♦ Otros: 1.2-m telescope at OHP
293. [Transiting exoplanets from the CoRoT space mission XI. CoRoT-8b: a hot and dense sub-Saturn around a K1 dwarf](#)  
 Author(s): Borde P, Bouchy F, Deleuil M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 520 Article Number: A66  
 Published: SEP-OCT 2010  
 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 3.6-m / HARPS  
 ♦ ESO (Paranal): VLT/ UVES  
 ♦ Otros: 1.2-m telescope at OHP/ SHOPIE; SIMBAD database

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

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



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

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

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

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

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

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

341. [On the Absolute Age of the Globular Cluster M92](#)  
 Author(s): Di Cecco A, Becucci R, Bono G, et al.  
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 895 Pages: 991-999 Published: SEP 2010  
 ♦ [ESA/NASA: Hubble/ACS](#)  
 ♦ Otros: CFHT
342. [Atmosphere Extinction at the ORM on La Palma: A 20 yr Statistical Database Gathered at the Carlsberg Meridian Telescope](#)  
 Author(s): García-Gil A, Muñoz-Tuñón C, Varela AM  
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 122 Issue: 895 Pages: 1109-1121 Published: SEP 2010  
 ♦ [ORM: Carlsberg Meridian Telescope \(CMT\)](#).
343. [Line-profile tomography of exoplanet transits - II. A gas-giant planet transiting a rapidly rotating A5 star star](#)  
 Author(s): Cameron AC, Guenther E, Smalley B, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 407 Issue: 1 Pages: 507-514 Published: SEP 1 2010  
 ♦ [ORM: NOT/ FIES](#)  
 ♦ Otros: Tautenburg Observatory: 2-m Alfred Jensch Telescope; McDonald Observatory: 2.7-m Harlan J. Smith Telescope
344. [VLT and GTC observations of SDSS J0123+00: a type 2 quasar triggered in a galaxy encounter<sup>†</sup>](#)  
 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<sub>n</sub> 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.  
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 Volume: 406 Issue: 3 Pages: 2013-2022 Published: AUG 11 2010  
 ♦ **ESA: XMM-Newton**
356. [FERMI LARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A](#)  
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 719 Issue: 2 Pages: 1433-1444 Published: AUG 20 2010  
 ♦ **ESA: Suzaku**  
 ♦ Otros: Fermi-LAT; Swift/ BAT
357. [THE EINSTEIN CROSS: CONSTRAINT ON DARK MATTER FROM STELLAR DYNAMICS AND GRAVITATIONAL LENSING](#)  
 Author(s): van de Ven G, Falcon-Barroso J, McDermid RM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 719 Issue: 2 Pages: 1481-1496 Published: AUG 20 2010  
 ♦ **ESA/NASA: Hubble**
358. [Astronomical identification of CN-, the smallest observed molecular anion](#)  
 Author(s): Agúndez M, Cernicharo J, Guelin M, et al.  
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 Published: JUL 2010  
 ♦ **IRAM: 30m**

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 Author(s): Busquet G, Palau A, Estalella R, et al.  
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 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  
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 ♦ 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.  
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 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.  
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 ♦ ESO (Paranal): VLT/ UVES/ ISAAC
369. [Internal dynamics of Abell 2294: a massive, likely merging cluster](#)  
 Author(s): Girardi M, Boschin W, Barrena R  
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 ♦ ORM: INT; TNG  
 ♦ Otros: NED database
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 Author(s): Lewis F, Russell DM, Jonker PG, et al.  
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 ♦ 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  
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 ♦ ORM: NOT; WHT  
 ♦ CAHA: ¿?

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 Author(s): Tercero B, Cernicharo J, Pardo JR, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 517 Article Number: A96  
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 ♦ 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.  
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 Pages: L15-L19 Published: AUG 10 2010  
 ♦ IRAM: 30m  
 ♦ ESA/NASA: Hubble  
 ♦ ESO: APEX  
 ♦ Otros: SMA; Chandra; KPNO; Subaru; CTIO; CFHT; NOAO; UKIRT

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 Author(s): Aceituno J, Sanchez SF, Ortiz JL, et al.  
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 ♦ 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.  
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 ♦ 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.  
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 ♦ 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.  
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 ♦ ESA: ISO
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 Author(s): Perley DA, Bloom JS, Klein CR, et al.  
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 ♦ 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.  
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 ♦ ESA: INTEGRAL/ IBIS
384. [Relativistic disc reflection in the extreme NLS1 IRAS13224-3809](#)  
 Author(s): Ponti G, Gallo LC, Fabian AC, et al.  
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 ♦ 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.  
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 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
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 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.  
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 ♦ ESA: Biopan
391. [THE XMM CLUSTER SURVEY: THE BUILD-UP OF STELLAR MASS IN BRIGHTEST CLUSTER GALAXIES AT HIGH REDSHIFT](#)  
 Author(s): Stott JP, Collins CA, Sahlen M, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 718 Issue: 1 Pages: 23-30  
 Published: JUL 20 2010  
 ♦ ESA: XMM-Newton  
 ♦ Otros: Subaru; 2MASS; UKIRT Infrared Deep Sky Survey.

392. [THE XMM CLUSTER SURVEY: ACTIVE GALACTIC NUCLEI AND STARBURST GALAXIES IN XMMXCS J2215.9-1738 AT  \$z=1.46\$](#)   
 Author(s): Hilton M, Lloyd-Davies E, Stanford SA, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 718 Issue: 1 Pages: 133-147  
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 ♦ 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  
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 ♦ ESA: INTEGRAL  
 ♦ Otros: EURECA/WATCH; RXTE; Beppo; HETE-2; Swift
395. [INTEGRAL and Swift/XRT observations of the source PKS 0208-512](#)  
 Author(s): Zhang S, Collmar W, Torres DF, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A69  
 Published: MAY 2010  
 ♦ ESA: INTEGRAL  
 ♦ Otros: Swift
396. [Measurement of the Crab nebula polarization at 90 GHz as a calibrator for CMB experiments](#)  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A70  
 Published: MAY 2010  
 ♦ IRAM: 30m
397. [A serendipitous survey for variability amongst the massive stellar population of Westerlund 1](#)  
 Author(s): Clark JS, Ritchie BW, Negueruela I  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 514 Article Number: A87  
 Published: MAY 2010  
 ♦ ESO (La Silla): NTT/ EMMI/ SOFI  
 ♦ ESO (Paranal): VLT/ FORS/ FLAMES/ ISAAC

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



404. [X-ray imaging of the ionisation cones in NGC 5252](#)  
Author(s): Dadina M, Guainazzi M, Cappi M, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A9  
Published: JUN-JUL 2010  
◆ ESA: XMM-Newton  
◆ Otros: Chandra
405. [CO observations of symbiotic stellar systems](#)  
Author(s): Bujarrabal V, Mikolajewska J, Alcolea J, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A19  
Published: JUN-JUL 2010  
◆ IRAM: 30m  
◆ Otros: SIMBAD database
406. [Acoustic power absorption and enhancement generated by slow and fast MHD waves Evidence of solar cycle velocity/intensity amplitude changes consistent with the mode conversion theory](#)  
Author(s): Simoniello R, Finsterle W, Garcia RA, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A30  
Published: JUN-JUL 2010  
◆ ESA: SOHO/ GOLF/ VIRGO  
◆ Otros: Ground based network BiSON
407. [2MASS J03105986+1648155 AB - a new binary at the L/T transition](#)  
Author(s): Stumpf MB, Brandner W, Bouy H, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A37  
Published: JUN-JUL 2010  
◆ ESA: Hubble/ NICMOS  
◆ ESO (Paranal): VLT/ NACO  
◆ Otros: SIMBAD database
408. [Doppler tomography of the black hole binary A0620-00 and the origin of chromospheric emission in quiescent X-ray binaries](#)  
Author(s): Hernández JIG, Casares J  
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A58  
Published: JUN-JUL 2010  
◆ ESO (Paranal): VLT/ UVES
409. [The population of OB supergiants in the starburst cluster Westerlund 1](#)  
Author(s): Negueruela I, Clark JS, Ritchie BW  
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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.  
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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  
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◆ IRAM: 30m
416. [Unveiling the nature of IGR J16493-4348 with IR spectroscopy](#)  
Author(s): Nespoli E, Fabregat J, Mennickent RE  
Source: ASTRONOMY & ASTROPHYSICS Volume: 516 Article Number: A106  
Published: JUN-JUL 2010  
◆ ESO (Paranal) VLT (UT1)/ ISAAC

417. [The flyby of Rosetta at asteroid Steins - mission and science operations](#)  
 Author(s): Accomazzo A, Wirth KR, Lodiol S, et al.  
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 9 Special  
 Issue: Sp. Iss. SI Pages: 1058-1065 Published: JUL 2010  
 ♦ [ESA: Rosetta](#)
418. [Evidence for surface variegation in Rosetta OSIRIS images of asteroid 2867 Steins](#)  
 Author(s): Schroder SE, Keller HU, Gutierrez P, et al.  
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 9 Special  
 Issue: Sp. Iss. SI Pages: 1107-1115 Published: JUL 2010  
 ♦ [ESA: Rosetta/ OSIRIS](#)
419. [The cratering history of asteroid \(2867\) Steins](#)  
 Author(s): Marchi S, Barbieri C, Koppers M, et al.  
 Source: PLANETARY AND SPACE SCIENCE Volume: 58 Issue: 9 Special  
 Issue: Sp. Iss. SI Pages: 1116-1123 Published: JUL 2010  
 ♦ [ESA: Rosetta/ OSIRIS](#)
420. [Blasts and shocks in the disc of NGC 4258](#)  
 Author(s): Jimenez-Vicente J, Mediavilla E, Castillo-Morales A, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 406 Issue: 1 Pages: 181-186 Published: JUL 21 2010  
 ♦ [ESA/NASA: Hubble](#)  
 ♦ [ORM: WHT/ WYFFOS](#)  
 ♦ Otros: NED database
421. [The evolutionary sequence of submillimetre galaxies: from diffuse discs to massive compact ellipticals?](#)  
 Author(s): Ricciardelli E, Trujillo I, Buitrago F, et al.  
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 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, Orío 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.  
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 ♦ ESO (Paranal): VLT-UT4/ HAWK-I

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 ♦ ESA: Hubble/ STIS  
 ♦ ESO (La Silla): 2.2m MPG/ FEROS  
 ♦ Otros: Observatorio do Pico dos Dias (OPD); 2MASS
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 ♦ ESA: XMM-Newton
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 ♦ ORM: NOT/ ALFOSC
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 ♦ IRAM: 30m
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 ♦ ESA: SoHO/ SUMER; Hinode/ SOT  
 ♦ OT: Themis  
 ♦ ORM: SST  
 ♦ Otros: SVST
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 ♦ ESO (Paranal): VLT/ FORS2

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 ♦ ESO (Paranal): VLT-MELIPAL/ ULTRACAM
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 ♦ ORM: WHT
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 Author(s): Bik A, Puga E, Waters LBFM, et al.  
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 ♦ ESO (Paranal): VLT-UT4/ SINFONI  
 ♦ Otros: Spitzer/ IRAC
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 Author(s): Weisskopf MC, Guainazzi M, Jahoda K, et al.  
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 ♦ ESA: XMM-Newton/ EPIC  
 ♦ Otros: ROSAT/ PSPC; RXTE/PCU2
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 ♦ ORM: NOT; WHT; TNG  
 ♦ Otros: Hobby-Eberly Telescope (HET); Apache Point Observatory 3.5 m telescope; Subaru



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 Author(s): Ortiz A, Rubio LRB, van der Voort LR  
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 ♦ ORM: SST
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 ♦ ESO (La Silla): 3,6m/ HARPS
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 ♦ ESO (Paranal): VLT-YEPUN/ NACO
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 ♦ ESA: INTEGRAL
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 ♦ ESA: XMM-Newton/ EPIC and RGS
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 ♦ ESO: UKIRT  
 ♦ Otros: 1.5m telescope at San Pedro Mártir Observatory
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 ♦ ESO (La Silla): 3,6m/ HARPS; 2.2m MPG/ FEROS  
 ♦ ESO (Paranal): VLT (UT2)/ UVES

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 Author(s): Hernán-Obispo M, Galvez-Ortiz MC, Anglada-Escude G, et al.  
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 ♦ 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  
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 ♦ 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  
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 ♦ IRAM: 30m  
 ♦ Otros: Spitzer; SMT
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 ♦ ESA/NASA/JAXA: Hinode
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 ♦ ESO (Paranal): VLT/ VIMOS
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 Author(s): Longinotti AL, Costantini E, Petrucci PO, et al.  
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 ♦ ESA: XMM-Newton

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- ◆ ESA: XMM-Newton
  - ◆ CAHA: 3,5m
  - ◆ IRAM: PdBI
  - ◆ Otros: 2MASS
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Author(s): Patat F, Maund JR, Benetti S, et al.  
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- ◆ ESO (Paranal): VLT/ FORS1
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Author(s): Cubarsi R, Alcobé S, Vidojevic S, et al.  
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- ◆ 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  
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- ◆ Teórico
  - ◆ ESA: Hipparcos catalogue
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Author(s): Fedele D, van den Ancker ME, Henning T, et al.  
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- ◆ ESO (Paranal): VLT/ VIMOS
  - ◆ Otros: SIMBAD database
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Author(s): Torrejón JM, Negueruela I, Smith DM, et al.  
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- ◆ ORM: NOT; WHT; TNG
  - ◆ Otros: SIMBAD database

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 ♦ ESO (Paranal): VLT-UT1/ FORS2
521. [Linear wavelength correlation matrices of photospheric and chromospheric spectral lines I. Observations vs. modeling](#)  
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 ♦ OT: VTT  
 ♦ Otros: Dunn Solar Telescope
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 ♦ ESA: XMM-Newton
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 ♦ 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.  
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 ♦ 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.  
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 Published: FEB-MAR 2010  
 ♦ ESA/NASA: Hubble/ WFPC2; Hubble/ ACS/WFC

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 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.  
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 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  
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 ♦ 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.  
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 ♦ ORM: WHT/ ISISB; INT/ IDS  
 ♦ Otros: Loiano Observatory; Cassini telescope
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 Author(s): Stasińska G, Morisset C, Tovmassian G, et al.  
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 ♦ 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.  
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 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.  
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 Published: FEB-MAR 2010  
 ♦ CAHA: 2.2m/ FOCES

- ◆ Otros: 2MASS Surrey and the WEBDA, VALD, NIST, and GEISA online databases.
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 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.  
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- ◆ ESA: XMM-Newton
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 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.  
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 ♦ ESO (Paranal): VLT/ GIRAFFE  
 ♦ “New empirical estimates of the  $\Delta V$  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.  
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 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.  
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 ♦ ESA: XMM-Newton  
 ♦ Otros: 2MASS
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 Author(s): Abdo AA, Ackermann M, Ajello M, et al.  
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 ♦ ESA: XMM-Newton  
 ♦ Otros: Fermi-LAT; GBT
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 Author(s): Bernard EJ, Monelli M, Gallart C, et al.  
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 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)

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 Author(s): Alonso R, Deeg HJ, Kabath P, et al.  
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 ♦ 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.  
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 ♦ ORM: LT  
 ♦ CAHA: 2.2m  
 ♦ Otros: VLBA; RXTE; Fermi; Perkins; Bok; SO:Kuiper; UMRAO; SMA
548. [STATISTICAL ANALYSIS OF THE VERY QUIET SUN MAGNETISM](#)  
 Author(s): González MJM, Sainz RM, Ramos AA, et al.  
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 ♦ 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
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 Author(s): Walborn NR, Sota A, Apellaniz JM, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 711 Issue: 2  
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 ♦ CAHA: 3.5m/ TWIN  
 ♦ Otros: OSN; LCO
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 Author(s): Boselli A, Eales S, Cortese L, et al.  
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 Volume: 122 Issue: 889 Pages: 261-287 Published: MAR 2010  
 ♦ ESA: Herschel  
 ♦ Otros: NED; GOLD Mine database



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 Author(s): Molinari S, Swinyard B, Bally J, et al.  
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 ♦ ESA: Herschel
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 Author(s): Shapiro KL, Falcon-Barroso J, van de Ven G, et al.  
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 ♦ ORM: WHT  
 ♦ Otros: Spitzer
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 Author(s): Decarli R, Falomo R, Treves A, et al.  
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 ♦ 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.  
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 ♦ 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 N<sub>2</sub>H<sup>+</sup>, NH<sub>3</sub>, 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  
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 ♦ 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  
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 ♦ 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.  
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 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).
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 Author(s): Tibbs CT, Watson RA, Dickinson C, et al.  
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 ♦ 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.  
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 ♦ ESA: Hubble  
 ♦ Otros: Gemini South; Spitzer

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 Author(s): Aviles A, Zharikov S, Tovmassian G, et al.  
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 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
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 Author(s): Moya A, Rodriguez-Lopez C  
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- ◆ 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.  
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 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  
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- ◆ 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.  
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- ◆ ORM: INT/ WFC
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- ◆ ESO (Paranal): VLT/ NACO; VLTi
  - ◆ ESA: Hubble; Integral
  - ◆ Otros: Chandra; VLA; ATCA

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 Author(s): Reunanen J, Prieto MA, Siebenmorgen R  
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 ♦ Otros: NED
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 ♦ 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  
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 ♦ 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.  
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 ♦ ESA: Hubble/ ACS
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 Author(s): Corradi RLM, Munari U, Greimel R, et al.  
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 ♦ 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  
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 ♦ 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.  
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 ♦ 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.  
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 ♦ 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.  
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 ♦ 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.  
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 ♦ ESO (Paranal): VLT/ ISAAC

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◆ ORM: NOT
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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.  
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◆ 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.  
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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.  
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 ♦ IRAM: PdBI; 30m
596. [THE RECENT STAR FORMATION HISTORY OF NGC 5102](#)  
 Author(s): Beaulieu SF, Freeman KC, Hidalgo SL, et al.  
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 ♦ ESA/ NASA: Hubble
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 Author(s): Martínez MA, Del Olmo A, Coziol R, et al.  
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 ♦ 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  
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 ♦ CAHA: 3.5m  
 ♦ Otros: SDSS
599. [A new three-stage evolution model for millimeter to centimeter wavelength outbursts in BL Lacertae](#)  
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 ♦ IRAM: 30m



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 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  
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 ♦ 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  
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 ♦ 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  
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 ♦ 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.  
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 ♦ 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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◆ ORM: MAGIC
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Author(s): Appourchaux T, Belkacem K, Broomhall AM, et al.  
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◆ ESA: SOHO
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Author(s): James BL, Tsamis YG, Barlow MJ  
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◆ ESO (Paranal): VLT/ VIMOS
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Author(s): Miniutti G, Piconcelli E, Bianchi S, et al.  
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◆ ESA: Suzaku
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◆ ORM: LT
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◆ ESO (Paranal): VLT

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 Author(s): Paust NEQ, Reid IN, Piotto G, et al.  
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 ♦ [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.  
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 ♦ [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.  
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 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.  
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 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.  
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 ♦ [ESA: INTEGRAL](#)  
 ♦ Otros: NED database; SIMBAD database
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 ♦ [CAHA: 3.5m](#)

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 Author(s): Torresi E, Grandi P, Longinotti AL, et al.  
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 ♦ ESA: XMM-Newton
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 Author(s): Reig P, Slowikowska A, Zezas A, et al.  
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 ♦ 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.  
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 ♦ 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.  
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 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 2.2m/ FEROS  
 ♦ Otros: Observatoire de Haute-Provence/ SOPHIE
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 Author(s): Sollima A, Carballo-Bello JA, Beccari G, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
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 ♦ 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

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 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.  
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 ♦ 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
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 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.  
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 ♦ ESO (Paranal): VLT/ UVES/ HARPS  
 ♦ ESA: CoRoT
634. [High molecular gas fractions in normal massive star-forming galaxies in the young Universe](#)  
 Author(s): Tacconi LJ, Genzel R, Neri R, et al.  
 Source: NATURE Volume: 463 Issue: 7282 Pages: 781-784 Published: FEB 11 2010  
 ♦ IRAM: PdBI
635. [A change in the optical polarization associated with a gamma-ray flare in the blazar 3C 279](#)  
 Author(s): Abdo A. A.; Ackermann M.; Ajello M.; et al.  
 Group Author(s): Fermi LAT Collaboration; 3C 279 Multiband Campaign  
 Source: NATURE Volume: 463 Issue: 7283 Pages: 919-923 DOI: 10.1038/nature08841 Published: FEB 18 2010  
 ♦ ORM: KVA; LT  
 ♦ CAHA (GASP-WEBT collaboration): 2.2m/CAFOS  
 ♦ Otros: Fermi-LAT; RXTE; Swift

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Author(s): Rea N, Esposito P, Turolla R, et al.  
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◆ ESA: XMM-Newton/ EPIC  
◆ Otros: Chandra; Swift
637. [The Detection of a Population of Submillimeter-Bright, Strongly Lensed Galaxies](#)  
Author(s): Negrello M, Hopwood R, De Zotti G, et al.  
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◆ ESA: Herschel/ SPIRE/ PACS  
◆ Otros: SMA
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Author(s): Garcia RA, Mathur S, Salabert D, et al.  
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◆ ESA: CoRoT
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## PUBLICACIONES 2011

1. [LOOKING FOR A CONNECTION BETWEEN THE Am PHENOMENON AND HYBRID delta Sct-gamma Dor PULSATION: DETERMINATION OF THE FUNDAMENTAL PARAMETERS AND ABUNDANCES OF HD 114839 AND BD+18 4914](#)  
Author(s): Hareter M.; Fossati L.; Weiss W.; et al.  
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 2 Article Number: 153 DOI: 10.1088/0004-637X/743/2/153 Published: DEC 20 2011  
◆ ESO (La Silla): 3.6m/HARPS  
◆ Otros: OHP1.93m/SOPHIE
2. [THE ACOUSTIC CUTOFF FREQUENCY OF THE SUN AND THE SOLAR MAGNETIC ACTIVITY CYCLE](#)  
Author(s): Jimenez A.; Garcia R. A.; Palte P. L.  
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 2 Article Number: 99 DOI: 10.1088/0004-637X/743/2/99 Published: DEC 20 2011  
**IAC/ La Laguna**  
◆ ESA: SOHO
3. [THE ENIGMATIC CORE L1451-mm: A FIRST HYDROSTATIC CORE? OR A HIDDEN VeLLO?](#)  
Author(s): Pineda Jaime E.; Arce Hector G.; Schnee Scott; et al.  
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 2 Article Number: 201 DOI: 10.1088/0004-637X/743/2/201 Published: DEC 20 2011  
◆ IRAM: 30m  
◆ Otros: CARMA, VLA, SMA, Spitzer
4. [INTERMEDIATE-MASS HOT CORES AT similar to 500 AU: DISKS OR OUTFLOWS?](#)  
Author(s): Palau Aina; Fuente Asuncion; Girart Josep M.; et al.  
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 743 Issue: 2 Article Number: L32 DOI: 10.1088/2041-8205/743/2/L32 Published: DEC 20 2011  
**CSIC-IEEC**  
◆ IRAM: PdBI
5. [THE SUBSTELLAR POPULATION OF sigma ORIONIS: A DEEP WIDE SURVEY](#)  
Author(s): Bejar V. J. S.; Zapatero Osorio M. R.; Rebolo R.; et al.  
Source: ASTROPHYSICAL JOURNAL Volume: 743 Issue: 1 Article Number: 64 DOI: 10.1088/0004-637X/743/1/64 Published: DEC 10 2011  
**IAC/ Unv La Laguna**  
◆ OT: CST/CAIN  
◆ ORM: INTWFC  
◆ CAHA: 3.5m/ Omega-Prime ; 2.2m/MAGIC  
◆ Otros: SIMBAD database



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

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

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

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

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

- ◆ Otros: SIMBAD database; NED database
34. [Planck early results. XIV. ERCSC validation and extreme radio sources](#)  
 Author(s): Ade P. A. R.; Aghanim N.; Angelakis E.; et al.  
 Group Author(s): Planck Collaboration  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A14 DOI: 10.1051/0004-6361/201116475 Published: DEC 2011
- ◆ ESA: Plank
  - ◆ IRAM: 30m
  - ◆ Otros: MPIfR-100m; VLA; ATCA; NED database
35. [Planck early results. VI. The High Frequency Instrument data processing](#)  
 Author(s): Ade P. A. R.; Aghanim N.; Ansari R.; et al.  
 Group Author(s): Planck HFI Core Team  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A6 DOI: 10.1051/0004-6361/201116462 Published: DEC 2011
- ◆ ESA: Plank/HFI
36. [Planck early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample](#)  
 Author(s): Ade P. A. R.; Aghanim N.; Arnaud M.; et al.  
 Group Author(s): Planck Collaboration  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A8 DOI: 10.1051/0004-6361/201116459 Published: DEC 2011
- ◆ ESA: Plank; XMM-Newton; Suzaku
  - ◆ ESO (La Silla): MPG 2.2m
  - ◆ Otros: ROSAT; Chandra; NED, SIMBAD and BAX databases
37. [Planck early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations](#)  
 Author(s): Aghanim N.; Arnaud M.; Ashdown M.; et al.  
 Group Author(s): Planck Collaboration  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A12 DOI: 10.1051/0004-6361/201116489 Published: DEC 2011
- ◆ ESA: Plank
38. [Planck early results. IX. XMM-Newton follow-up for validation of Planck cluster candidates](#)  
 Author(s): Aghanim N.; Arnaud M.; Ashdown M.; et al.  
 Group Author(s): Planck Collaboration  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A9 DOI: 10.1051/0004-6361/201116460 Published: DEC 2011
- ◆ ESA: Plank; XMM-Newton
  - ◆ ESO (La Silla): NTT/EMMI
  - ◆ OT: IAC-80/CAMELOT
  - ◆ Otros: NED, SIMBAD and BAX databases

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

44. [Internal dynamics of Abell 2254: a merging galaxy cluster with a clumpy, diffuse radio emission](#)  
 Author(s): Girardi M.; Bardelli S.; Barrena R.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A89 DOI: 10.1051/0004-6361/201117332 Published: DEC 2011  
 ♦ ESA: XMM-Newton  
 ♦ ORM: INT; TNG
45. [Post common envelope binaries from SDSS XII. The orbital period distribution](#)  
 Author(s): Gomez-Moran A. Nebot; Gaensicke B. T.; Schreiber M. R.; et al.  
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 ♦ ESO (Paranal): VLT/FORS2  
 ♦ ESO (La Silla): NTT/EMI/EFOSC2  
 ♦ ORM: WHT  
 ♦ OT: IAC-80  
 ♦ CAHA: 2.2m/CAFOS; 3.5m/TWIN/MOSCA  
 ♦ Otros: Gemini; Clay; Baade; DuPont; SDSS
46. [Quasi-periodic flares in EXO2030+375 observed with INTEGRAL](#)  
 Author(s): Klochkov D.; Ferrigno C.; Santangelo A.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: L8 DOI: 10.1051/0004-6361/201118185 Published: DEC 2011  
 ♦ ESA: INTEGRAL
47. [Planck early results. III. First assessment of the Low Frequency Instrument in-flight performance](#)  
 Author(s): Mennella A.; Bersanelli M.; Butler R. C.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A3 DOI: 10.1051/0004-6361/201116480 Published: DEC 2011  
 ♦ ESA: Plank
48. [First detection of hydrogen isocyanide \(HNC\) in Titan's atmosphere](#)  
 Author(s): Moreno R.; Lellouch E.; Lara L. M.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: L12 DOI: 10.1051/0004-6361/201118189 Published: DEC 2011  
 ♦ ESA: Herschel
49. [The XMM-Newton view of the eclipse and dips of the dwarf nova Z Chamaleontis](#)  
 Author(s): Nucita A. A.; Kuulkers E.; Maiolo B. M. T.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A75 DOI: 10.1051/0004-6361/201117572 Published: DEC 2011  
 ♦ ESA: XMM-Newton



50. [Detection of transit timing variations in excess of one hour in the Kepler multi-planet candidate system KOI 806 with the GTC](#)  
 Author(s): Tingley B.; Palle E.; Parviainen H.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: L9 DOI: 10.1051/0004-6361/201118264 Published: DEC 2011  
**IAC/ Unv La Laguna**  
 ♦ GTC/OSIRIS  
 ♦ ORM: NOT/ALFOSC  
 ♦ Otros: Kepler
51. [The red-sequence of 72 WINGS local galaxy clusters](#)  
 Author(s): Valentinuzzi T.; Poggianti B. M.; Fasano G.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A34 DOI: 10.1051/0004-6361/201117522 Published: DEC 2011  
 ♦ ORM: INT/WFC (WINGS); WHT/AF2 (WINGS)  
 ♦ ESO (La Silla): MPG 2.2m/WFI (WINGS)  
 ♦ Otros: UKIRT; ATT; NED database
52. [Planck early results. V. The Low Frequency Instrument data processing](#)  
 Author(s): Zacchei A.; Maino D.; Baccigalupi C.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 536 Article Number: A5 DOI: 10.1051/0004-6361/201116484 Published: DEC 2011  
 ♦ ESA: Plank
53. [CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY](#)  
 Author(s): Grogin Norman A.; Kocevski Dale D.; Faber S. M.; et al.  
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197 Issue: 2 Article Number: 35 DOI: 10.1088/0067-0049/197/2/35 Published: DEC 2011  
 ♦ ESA: Hubble/WFC3
54. [CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY-THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS](#)  
 Author(s): Koekemoer Anton M.; Faber S. M.; Ferguson Henry C.; et al.  
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197 Issue: 2 Article Number: 36 DOI: 10.1088/0067-0049/197/2/36 Published: DEC 2011  
 ♦ ESA: Hubble/WFC3/ACS
55. [SWIFT X-RAY OBSERVATIONS OF CLASSICAL NOVAE. II. THE SUPER SOFT SOURCE SAMPLE](#)  
 Author(s): Schwarz Greg J.; Ness Jan-Uwe; Osborne J. P.; et al.  
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197 Issue: 2 Article Number: 31 DOI: 10.1088/0067-0049/197/2/31 Published: DEC 2011  
 ♦ ESA: XMM-Newton

- ◆ Otros: Swift; AAVSO, CTIO, 1.3m; CTIO,1.5m; Bok(B&C spectrograph); Spitzer(IRS); ROSAT, Chandra, BeppoSAX, RXTE, and ASCA archives.
56. [WIDE-FIELD PRECISION KINEMATICS OF THE M87 GLOBULAR CLUSTER SYSTEM](#)  
 Author(s): Strader Jay; Romanowsky Aaron J.; Brodie Jean P.; et al.  
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 197  
 Issue: 2 Article Number: 33 DOI: 10.1088/0067-0049/197/2/33 Published:  
 DEC 2011
- ◆ [ESA: Hubble](#)
  - ◆ Otros: Keck; MMT; Subaru
57. [A STUDY OF GRAVITATIONAL LENS CHROMATICITY WITH THE HUBBLE SPACE TELESCOPE](#)  
 Author(s): Muñoz J. A.; Mediavilla E.; Kochanek C. S.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article  
 Number: 67 DOI: 10.1088/0004-637X/742/2/67 Published: DEC 1 2011
- ◆ [ESA: Hubble](#)
58. [DISSECTING PHOTOMETRIC REDSHIFT FOR ACTIVE GALACTIC NUCLEUS USING XMM- AND CHANDRA-COSMOS SAMPLES](#)  
 Author(s): Salvato M.; Ilbert O.; Hasinger G.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article  
 Number: 61 DOI: 10.1088/0004-637X/742/2/61 Published: DEC 1 2011
- ◆ [ESA: Hubble](#); [XMM-Newton](#)
  - ◆ [ESO \(Paranal\): VLT/VIMOS](#)
  - ◆ Otros: Chandra; Spitzer; CXO; Sloan; Keck II; Subaru
59. [GALAXY STRUCTURE AND MODE OF STAR FORMATION IN THE SFR-MASS PLANE FROM  \$z\$  similar to 2.5 TO  \$z\$  similar to 0.1](#)  
 Author(s): Wuyts Stijn; Schreiber Natascha M. Forster; van der Wel Arjen; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article  
 Number: 96 DOI: 10.1088/0004-637X/742/2/96 Published: DEC 1 2011
- ◆ [ESA: Hubble](#)
  - ◆ Otros: SDSS; GALEX;
60. [THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE \(CLASH\): STRONG-LENSING ANALYSIS OF A383 FROM 16-BAND HST/WFC3/ACS IMAGING](#)  
 Author(s): Zitrin A.; Broadhurst T.; Coe D.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 2 Article  
 Number: 117 DOI: 10.1088/0004-637X/742/2/117 Published: DEC 1 2011
- ◆ [ESA: Hubble](#)
  - ◆ Otros: Subaru

61. [OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE](#)  
 Author(s): Aleksic J.; Alvarez E. A.; Antonelli L. A.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 43 DOI: 10.1088/0004-637X/742/1/43 Published: NOV 20 2011  
**IFAE**  
 ♦ **ORM: MAGIC**  
 ♦ Otros: Fermi-LAT
62. [THE MASSIVE PROGENITOR OF THE POSSIBLE TYPE II-LINEAR SUPERNOVA 2009hd IN MESSIER 66](#)  
 Author(s): Elias-Rosa Nancy; Van Dyk Schuyler D.; Li Weidong; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 6 DOI: 10.1088/0004-637X/742/1/6 Published: NOV 20 2011  
**IIEC-CSIC**  
 ♦ **ESA: Hubble/WFPC2/ACS**  
 ♦ **ORM: LT/RATCam; NOT/ALFOSC**  
 ♦ Otros: CTIO:1.3m (SMARTS); PO:1.5m, Hale (TripleSpec); Magellan:Baade (IMACS), Magellan:Clay (MagE), Keck:II (DEIMOS)
63. [A MODEL ATMOSPHERE ANALYSIS OF ALPHA AURIGAE A](#)  
 Author(s): Fuhrmann Klaus  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 42 DOI: 10.1088/0004-637X/742/1/42 Published: NOV 20 2011  
**ING**  
 ♦ **CAHA: 2.2m/FOCES**
64. [HERSCHEL-ATLAS GALAXY COUNTS AND HIGH-REDSHIFT LUMINOSITY FUNCTIONS: THE FORMATION OF MASSIVE EARLY-TYPE GALAXIES](#)  
 Author(s): Lapi A.; Gonzalez-Nuevo J.; Fan L.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 24 DOI: 10.1088/0004-637X/742/1/24 Published: NOV 20 2011  
 ♦ **ESA: Herschel**
65. [DUST PROPERTIES AND DISK STRUCTURE OF EVOLVED PROTOPLANETARY DISKS IN Cep OB2: GRAIN GROWTH, SETTLING, GAS AND DUST MASS, AND INSIDE-OUT EVOLUTION](#)  
 Author(s): Sicilia-Aguilar Aurora; Henning Thomas; Dullemond Cornelis P.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 39 DOI: 10.1088/0004-637X/742/1/39 Published: NOV 20 2011  
**UAM**  
 ♦ **IRAM: 30m**  
 ♦ Otros: Spitzer

66. [A THIRD MASSIVE STAR COMPONENT IN THE  \$\sigma\$  ORIONIS AB SYSTEM](#)  
 Author(s): Simon-Diaz S.; Caballero J. A.; Lorenzo J.  
 Source: ASTROPHYSICAL JOURNAL Volume: 742 Issue: 1 Article Number: 55 DOI: 10.1088/0004-637X/742/1/55 Published: NOV 20 2011  
**IAC/ Unv La Laguna**  
 ♦ **ORM: NOT**
67. [THE 5 hr PULSE PERIOD AND BROADBAND SPECTRUM OF THE SYMBIOTIC X-RAY BINARY 3A 1954+319](#)  
 Author(s): Marcu Diana M.; Fuerst Felix; Pottschmidt Katja; et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 742 Issue: 1 Article Number: L11 DOI: 10.1088/2041-8205/742/1/L11 Published: NOV 20 2011  
 ♦ **ESA: INTEGRAL**  
 ♦ Otros: Swift
68. [XMM-NEWTON OBSERVATIONS OF THE DWARF NOVA RU Peg IN QUIESCENCE: PROBE OF THE BOUNDARY LAYER](#)  
 Author(s): Balman Solen; Godon Patrick; Sion Edward M.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 2 Article Number: 84 DOI: 10.1088/0004-637X/741/2/84 Published: NOV 10 2011  
 ♦ **ESA: XMM-Newton**
69. [TrES-5: A MASSIVE JUPITER-SIZED PLANET TRANSITING A COOL G DWARF](#)  
 Author(s): Mandushev Georgi; Quinn Samuel N.; Buchhave Lars A.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 2 Article Number: 114 DOI: 10.1088/0004-637X/741/2/114 Published: NOV 10 2011  
 ♦ **OT: STARE telescope**  
 ♦ Otros: PSST; 2MASS
70. [OPTICAL DISCOVERY OF PROBABLE STELLAR TIDAL DISRUPTION FLARES](#)  
 Author(s): van Velzen Sjoert; Farrar Glennys R.; Gezari Suvu; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 2 Article Number: 73 DOI: 10.1088/0004-637X/741/2/73 Published: NOV 10 2011  
 ♦ **ESO (La Silla): NTT**  
 ♦ **ORM: WHT**  
 ♦ Otros: GALEX; SDSS; Magellan Telescopes
71. [HERSCHEL OBSERVATIONS OF THE T CHA TRANSITION DISK: CONSTRAINING THE OUTER DISK PROPERTIES](#)  
 Author(s): Cieza Lucas A.; Olofsson Johan; Harvey Paul M.; et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 741 Issue: 2 Article Number: L25 DOI: 10.1088/2041-8205/741/2/L25 Published: NOV 10 2011  
 ♦ **ESA: Herschel**  
 ♦ Otros: Spitzer; ATCA; ESO 50 cm; 2MASS

72. [A new alpha-enhanced super-solar metallicity population](#)  
 Author(s): Adibekyan V. Zh.; Santos N. C.; Sousa S. G.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 L11 DOI: 10.1051/0004-6361/201118240 Published: NOV 2011  
 ♦ ESO (La Silla): 3.6m/HARPS
73. [A lambda=1.3 mm and 2 mm molecular line survey towards M 82](#)  
 Author(s): Aladro R.; Martin S.; Martin-Pintado J.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A84 DOI: 10.1051/0004-6361/201117397 Published: NOV 2011  
**IRAM**  
 ♦ IRAM: 30m
74. [Stray-light contamination and spatial deconvolution of slit-spectrograph observations](#)  
 Author(s): Beck C.; Rezaei R.; Fabbian D.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A129 DOI: 10.1051/0004-6361/201015702 Published: NOV 2011  
**IAC/ Unv La Laguna**  
 ♦ OT: VTT
75. [Chemical abundance analysis of the open clusters Berkeley 32, NGC 752, Hyades, and Praesepe](#)  
 Author(s): Carrera R.; Pancino E.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A30 DOI: 10.1051/0004-6361/201117473 Published: NOV 2011  
**IAC/ Unv La Laguna**  
 ♦ CAHA: 2.2m/FOCES  
 ♦ Otros: 2MASS survey and the WEBDA, VALD, NIST, and GEISA online database.
76. [The bimodality of the 10k zCOSMOS-bright galaxies up to z similar to 1: a new statistical and portable classification based on optical galaxy properties](#)  
 Author(s): Coppa G.; Mignoli M.; Zamorani G.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A10 DOI: 10.1051/0004-6361/201016130 Published: NOV 2011  
 ♦ ESO (Paranal): VLT  
 ♦ ESA: Hubble  
 ♦ Otros: Subaru; telescopes of the National Optical Astronomy Observatory; CFHT
77. [Study of the many fluorescent lines and the absorption variability in GX 301-2 with XMM-Newton](#)  
 Author(s): Fuerst F.; Suchy S.; Kreykenbohm I.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A9 DOI: 10.1051/0004-6361/201117665 Published: NOV 2011  
 ♦ ESA: XMM-Newton

78. [The low-metallicity QSO HE 2158-0107: a massive galaxy growing by accretion of nearly pristine gas from its environment?](#)  
 Author(s): Husemann B.; Wisotzki L.; Jahnke K.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A72 DOI: 10.1051/0004-6361/201117596 Published: NOV 2011
- ◆ CAHA: 3.5m/PMAS
  - ◆ Otros: NED database
79. [GOODS-Herschel: the impact of galaxy-galaxy interactions on the far-infrared properties of galaxies](#)  
 Author(s): Hwang H. S.; Elbaz D.; Dickinson M.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A60 DOI: 10.1051/0004-6361/201117476 Published: NOV 2011
- ◆ ESA: Herschel; AKARI
  - ◆ Otros: SDSS
80. [Black hole accretion and host galaxies of obscured quasars in XMM-COSMOS](#)  
 Author(s): Mainieri V.; Bongiorno A.; Merloni A.; et al.  
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- ◆ ESA: XMM-Newton; Hubble
  - ◆ ESO (Paranal). VLT/VIMOS
  - ◆ Otros: Magellan Telescope; Subaru
81. [VLBI observations of SN2011dh: imaging of the youngest radio supernova](#)  
 Author(s): Marti-Vidal I.; Tudose V.; Paragi Z.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: L10 DOI: 10.1051/0004-6361/201118195 Published: NOV 2011
- ◆ Yebes: 40m (EVN)
82. [Accretion rates and accretion tracers of Herbig Ae/Be stars](#)  
 Author(s): Mendigutia I.; Calvet N.; Montesinos B.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A99 DOI: 10.1051/0004-6361/201117444 Published: NOV 2011
- ◆ ORM: NOT/TurPol (datos ya publicados)
  - ◆ Otros: NED database
83. [L-band spectroscopy of Galactic OB-stars](#)  
 Author(s): Najarro F.; Hanson M. M.; Puls J.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number: A32 DOI: 10.1051/0004-6361/201016003 Published: NOV 2011  
**CAB (CSIC-INTA)**
- ◆ ESO (Paranal): VLT/ISAAC
  - ◆ ORM: WHT; INT (datos cedidos)
  - ◆ Otros: IRTF

84. [The X-ray emission of local luminous infrared galaxies](#)  
 Author(s): Pereira-Santaella M.; Alonso-Herrero A.; Santos-Lleo M.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A93 DOI: 10.1051/0004-6361/201117420 Published: NOV 2011  
**CAB (CSIC-INTA)**  
 ♦ **ESA: XMM-Newton**  
 ♦ Otros: Chandra; NED database
85. [Near-infrared study of the stellar population of Sh2-152](#)  
 Author(s): Ramirez Alegria S.; Herrero A.; Marin-Franch A.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A8 DOI: 10.1051/0004-6361/201016427 Published: NOV 2011  
**IAC/ Unv La Laguna**  
 ♦ **ORM: WHT/LIRIS; NOT/FIES**  
 ♦ Otros: 2MASS
86. [SuperWASP observations of pulsating Am stars](#)  
 Author(s): Smalley B.; Kurtz D. W.; Smith A. M. S.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A3 DOI: 10.1051/0004-6361/201117230 Published: NOV 2011  
 ♦ **ORM: WASP-North**  
 ♦ Otros: WASP-South; SIMBAD database; MAST
87. [GRB 091127/SN 2009nz and the VLT/X-shooter spectroscopy of its host galaxy: probing the faint end of the mass-metallicity relation](#)  
 Author(s): Vergani S. D.; Flores H.; Covino S.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A127 DOI: 10.1051/0004-6361/201117726 Published: NOV 2011  
 ♦ **ESO (Paranal): VLT/X-Shooter**  
 ♦ **ESO: APEX/LABOCA**  
 ♦ **ESA: Hubble**  
 ♦ **GTC**  
 ♦ **CAHA: 1.23m; 3.5m**  
 ♦ **ORM: NOT; TNG**  
 ♦ Otros: Swift; REM; OSN
88. [Carbon isotopic abundance ratios in S-type stars](#)  
 Author(s): Wallerstein G.; Balick B.; Alcolea J.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 535 Article Number:  
 A101 DOI: 10.1051/0004-6361/201015280 Published: NOV 2011  
 ♦ **IRAM: 30m**
89. [Diffracto-Astrometry Measurements: Accuracy of the Measuring Algorithm](#)  
 Author(s): Ruelas-Mayorga A.; Sanchez L. J.; Olivares J.; et al.  
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 Published: NOV 2011  
 ♦ Teórico  
 ♦ **ESA: Hubble**

90. [The XMM Cluster Survey: X-ray analysis methodology](#)  
 Author(s): Lloyd-Davies E. J.; Romer A. Kathy; Mehrrens Nicola; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 1 Pages: 14-53 DOI: 10.1111/j.1365-2966.2011.19117.x Published: NOV 2011
- ◆ ESA: XMM-Newton
  - ◆ Otros: NED AND BAX databases
91. [Spectroscopy of the archetype colliding-wind binary WR 140 during the 2009 January periastron passage](#)  
 Author(s): Fahed R.; Moffat A. F. J.; Zorec J.; et al.  
 Group Author(s): Mons Pro-Am Collaboration  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 1 Pages: 2-13 DOI: 10.1111/j.1365-2966.2011.19035.x Published: NOV 2011
- ◆ OT : MONS
  - ◆ Otros : OHP/193 cm ; DAO/120 cm; OMM/160 cm; Three Hills Obs.
92. [Emission geometry, radiation pattern and magnetic topology of the magnetar XTE J1810-197 in its quiescent state](#)  
 Author(s): Bernardini F.; Perna R.; Gotthelf E. V.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 418 Issue: 1 Pages: 638-647 DOI: 10.1111/j.1365-2966.2011.19513.x Published: NOV 2011
- ◆ ESA: XMM-Newton
93. [The environment and characteristics of low-redshift galaxies detected by the Herschel-ATLAS](#)  
 Author(s): Dariush A.; Cortese L.; Eales S.; et al.  
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- ◆ ESA: Herschel
  - ◆ Otros: Sloan (SDSS); UKIRT
94. [Narrow-line Seyfert 1 galaxies at hard X-rays](#)  
 Author(s): Panessa F.; De Rosa A.; Bassani L.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 4 Pages: 2426-2439 DOI: 10.1111/j.1365-2966.2011.19268.x Published: NOV 2011
- ◆ ESA: XMM-Newton; INTEGRAL/IBIS
  - ◆ Otros: Swift/XRT



95. [The martian mesosphere as revealed by CO\(2\) cloud observations and General Circulation Modeling](#)  
 Author(s): Gonzalez-Galindo Francisco; Maattanen Anni; Forget Francois; et al.  
 Source: ICARUS Volume: 216 Issue: 1 Pages: 10-22 DOI: 10.1016/j.icarus.2011.08.006 Published: NOV 2011  
**IAA-CSIC**  
 ♦ **ESA: Mars-Express/OMEGA/HRSC/SPICAM**  
 ♦ Otros: Mars Odyssey/THEMIS
96. [Age and metallicity gradients in early-type galaxies: a dwarf-to-giant sequence](#)  
 Author(s): Koleva Mina; Prugniel Philippe; De Rijcke Sven; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 1643-1671 DOI: 10.1111/j.1365-2966.2011.19057.x Published: NOV 2011  
**IAC/ Unv La Laguna**  
 ♦ **ESO (Paranal): VLT/FORS1/FORS2**  
 ♦ **ORM: WHT/ISIS**  
 ♦ Otros: OHP; Gemini
97. [The SAURON project - XIX. Optical and near-infrared scaling relations of nearby elliptical, lenticular and Sa galaxies](#)  
 Author(s): Falcon-Barroso J.; van de Ven G.; Peletier R. F.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 1787-1816 DOI: 10.1111/j.1365-2966.2011.19372.x Published: NOV 2011  
**IAC/ Unv La Laguna**  
 ♦ **ORM: WHT**  
 ♦ Otros: 1.3m McGraw-Hill Telescope; Spitzer
98. [The effect of the environment on the gas kinematics and the structure of distant galaxies](#)  
 Author(s): Jaffe Yara L.; Aragon-Salamanca Alfonso; Kuntschner Harald; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 1996-2019 DOI: 10.1111/j.1365-2966.2011.19384.x Published: NOV 2011  
 ♦ **ESO (Paranal): VLT/FORS2**  
 ♦ **ESO (La Silla): NTT/SOFI**
99. [Herschel/HerMES: the X-ray-infrared correlation for star-forming galaxies at z similar to 1](#)  
 Author(s): Symeonidis M.; Georgakakis A.; Seymour N.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 3 Pages: 2239-2252 DOI: 10.1111/j.1365-2966.2011.19405.x Published: NOV 2011  
 ♦ **ESA: Herschel**

100. [THICK DISKS OF EDGE-ON GALAXIES SEEN THROUGH THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES \(S\(4\)G\): LAIR OF MISSING BARYONS?](#)  
 Author(s): Comerón Sebastien; Elmegreen Bruce G.; Knapen Johan H.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 1 Article Number: 28 DOI: 10.1088/0004-637X/741/1/28 Published: NOV 1 2011  
 ♦ **ESA: Hubble**  
 ♦ Otros: Spitzer; SDSS; NED database
101. [A NEARBY GAMMA-RAY BURST HOST PROTOTYPE FOR  \$z\$  similar to 7 LYMAN-BREAK GALAXIES: SPITZER-IRS AND X-SHOOTER SPECTROSCOPY OF THE HOST GALAXY OF GRB 031203](#)  
 Author(s): Watson D.; French J.; Christensen L.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 741 Issue: 1 Article Number: 58 DOI: 10.1088/0004-637X/741/1/58 Published: NOV 1 2011  
 ♦ **ESO (Paranal): VLT/X-Shooter**  
 ♦ **ESO: APEX**  
 ♦ Otros: ATCA; Spitzer
102. [RESONANT STRUCTURE IN THE DISKS OF SPIRAL GALAXIES, USING PHASE REVERSALS IN STREAMING MOTIONS FROM TWO-DIMENSIONAL H  \$\alpha\$  FABRY-PEROT SPECTROSCOPY](#)  
 Author(s): Font Joan; Beckman John E.; Epinat Benoit; et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 741 Issue: 1 Article Number: L14 DOI: 10.1088/2041-8205/741/1/L14 Published: NOV 1 2011  
**IAC/ Unv La Laguna**  
 ♦ **ORM: WHT**  
 ♦ Otros: OHT; VLA
103. [CLOSE TO THE DREDGE: PRECISE X-RAY C AND N ABUNDANCES IN  \$\lambda\$  ANDROMEDA AND ITS PRECOCIOUS RED GIANT BRANCH MIXING PROBLEM](#)  
 Author(s): Drake Jeremy J.; Ball B.; Eldridge John J.; et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 5 Article Number: 144 DOI: 10.1088/0004-6256/142/5/144 Published: NOV 2011  
**IAC/ Unv La Laguna**  
 ♦ **ESA: XMM-Newton**  
 ♦ Otros: Chandra
104. [THE OUTER DISKS OF EARLY-TYPE GALAXIES. II. SURFACE-BRIGHTNESS PROFILES OF UNBARRED GALAXIES AND TRENDS WITH HUBBLE TYPE](#)  
 Author(s): Gutierrez Leonel; Erwin Peter; Aladro Rebeca; et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 5 Article Number: 145 DOI: 10.1088/0004-6256/142/5/145 Published: NOV 2011  
**IAC/ Unv La Laguna**  
 ♦ **ORM: INT/WFC; JKT**

- ◆ Otros: SDSS
  
- 105. [FURTHER RESULTS FROM THE GALACTIC O-STAR SPECTROSCOPIC SURVEY: RAPIDLY ROTATING LATE ON GIANTS](#)  
 Author(s): Walborn Nolan R.; Maiz Apellaniz Jesus; Sota Alfredo; et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 5 Article Number: 150 DOI: 10.1088/0004-6256/142/5/150 Published: NOV 2011
  - ◆ CAHA: 3.5m (GOSS Survey)
  - ◆ Otros: OSN; Las Campanas
  
- 106. [GAS AND DUST IN A SUBMILLIMETER GALAXY AT  \$z=4.24\$  FROM THE HERSCHEL ATLAS](#)  
 Author(s): Cox P.; Krips M.; Neri R.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 2 Article Number: 63 DOI: 10.1088/0004-637X/740/2/63 Published: OCT 20 2011
  - ◆ ESA: Herschel/SPIRE
  - ◆ IRAM: 30m; PdBI
  - ◆ ESO: APEX
  - ◆ Otros: SMA
  
- 107. [A MORE GENERAL MODEL FOR THE INTRINSIC SCATTER IN TYPE Ia SUPERNOVA DISTANCE MODULI](#)  
 Author(s): Marriner John; Bernstein J. P.; Kessler Richard; et al.  
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  - ◆ ORM: WHT; NOT; TNG
  - ◆ ESO (La Silla): NTT
  - ◆ Otros: SDSS; APO 3.5m; Subaru; SALT
  
- 108. [IS SGR 0418+5729 INDEED A WANING MAGNETAR?](#)  
 Author(s): Turolla R.; Zane S.; Pons J. A.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 2 Article Number: 105 DOI: 10.1088/0004-637X/740/2/105 Published: OCT 20 2011
  - ◆ ESA: XMM-Newton
  - ◆ Otros: Swift
  
- 109. [The Type IIP SN 2007od in UGC 12846: from a bright maximum to dust formation in the nebular phase](#)  
 Author(s): Inserra C.; Turatto M.; Pastorello A.; et al.  
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  - ◆ ORM: NOT; LT; TNG
  - ◆ CAHA: 2.2m
  - ◆ Otros: REMM; Swift; Copernico Telescope; NED database

110. [Star formation in a stellar mass-selected sample of galaxies to  \$z=3\$  from the GOODS-NICMOS Survey](#)  
 Author(s): Bauer A. E.; Conselice C. J.; Perez-Gonzalez P. G.; et al.  
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 ♦ **ESA: Hubble/NICMOS NIC3/ ACS**  
 ♦ Otros: Spitzer
111. [A mid-infrared imaging catalogue of post-asymptotic giant branch stars](#)  
 Author(s): Lagadec Eric; Verhoelst Tijn; Mekarnia Djamel; et al.  
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 ♦ **ESO (Paranal): VLT/VISIR**  
 ♦ Otros: Gemini
112. [Creation of cosmic structure in the complex galaxy cluster merger Abell 2744](#)  
 Author(s): Merten J.; Coe D.; Dupke R.; et al.  
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 ♦ **ESA: Hubble/ACS**  
 ♦ Otros: Chandra
113. [Integral field spectroscopy of selected areas of the Bright bar and Orion-S cloud in the Orion nebula](#)  
 Author(s): Mesa-Delgado A.; Nunez-Diaz M.; Esteban C.; et al.  
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**IAC/ Unv La Laguna**  
 ♦ **CAHA: 3.5m/PMAS**
114. [Resolving the nuclear dust distribution of the Seyfert 2 galaxy NGC 3081](#)  
 Author(s): Almeida C. Ramos; Sanchez-Portal M.; Perez Garcia A. M.; et al.  
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 ♦ **ESA: Herschel**
115. [PG 1211+143: probing high-frequency lags in a high-mass active galactic nucleus](#)  
 Author(s): De Marco B.; Ponti G.; Uttley P.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 1 Pages: L98-L102 DOI: 10.1111/j.1745-3933.2011.01129.x Published: OCT 2011  
 ♦ **ESA: XMM-Newton**

116. [A lower mass for the exoplanet WASP-21b](#)  
 Author(s): Barros S. C. C.; Pollacco D. L.; Gibson N. P.; et al.  
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 ♦ **ORM: LT/RISE**
117. [The nature of X-ray-absorbed quasi-stellar objects](#)  
 Author(s): Page M. J.; Carrera F. J.; Stevens J. A.; et al.  
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 ♦ **ESA: XMM-Newton**  
 ♦ **ORM: WHT**  
 ♦ **ESO (La Silla): 3.6m/EFOSC2**
118. [XRF 100316D/SN 2010bh AND THE NATURE OF GAMMA-RAY BURST SUPERNOVAE](#)  
 Author(s): Cano Z.; Bersier D.; Guidorzi C.; et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 740 Issue: 1 Article Number: 41 DOI: 10.1088/0004-637X/740/1/41 Published: OCT 10 2011  
 ♦ **ESA: Hubble**  
 ♦ Otros: Faulkes Telescope South (FTS); Gemini-South
119. [COMPLEX STRUCTURE IN CLASS 0 PROTOSTELLAR ENVELOPES. II. KINEMATIC STRUCTURE FROM SINGLE-DISH AND INTERFEROMETRIC MOLECULAR LINE MAPPING](#)  
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 ♦ **IRAM: 30m; PdBI**  
 ♦ Otros: CARMA
120. [STAR FORMATION RATES AND STELLAR MASSES OF H alpha SELECTED STAR-FORMING GALAXIES AT z=0.84: A QUANTIFICATION OF THE DOWNSIZING](#)  
 Author(s): Villar Victor; Gallego Jesus; Perez-Gonzalez Pablo G.; et al.  
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**UCM**  
 ♦ **CAHA: 3.5m/OMEGA2000**  
 ♦ Otros: Galex; Spitzer; Subaru
121. [NEAR-INFRARED LINEAR POLARIZATION OF ULTRACOOL DWARFS](#)  
 Author(s): Zapatero Osorio M. R.; Bejar V. J. S.; Goldman B.; et al.  
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**CAB (CSIC-INTA)**

- ◆ ORM: WHT/LIRIS
  - ◆ Otros: Spitzer
122. [EURONEAR-Recovery, follow-up and discovery of NEAs and MBAs using large field 1-2 m telescopes](#)  
 Author(s): Vaduvescu O.; Birlan M.; Tudorica A.; et al.  
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**ING**
- ◆ ESO (La Silla): MPG 2.2m
  - ◆ ORM: INT
  - ◆ Otros: Swope 1 m in Las Campanas
123. [DUST HEATING SOURCES IN GALAXIES: THE CASE OF M33 \(HERM33ES\)](#)  
 Author(s): Boquien M.; Calzetti D.; Combes F.; et al.  
 Group Author(s): HERM33ES Team  
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- ◆ ESA: Herschel
  - ◆ Otros: Spitzer; Galex; NED database
124. [THE GALACTIC CENTER IN THE FAR-INFRARED](#)  
 Author(s): Etxaluze M.; Smith Howard A.; Tolls V.; et al.  
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- ◆ ESA: Herschel
125. [A SEARCH FOR WATER VAPORIZATION ON CERES](#)  
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- ◆ ESO (Paranal). VLT/UVES
126. [Thermal emission from WASP-33b, the hottest known planet](#)  
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- ◆ ORM: WHT
127. [Atmospheric optical turbulence at the Roque de los Muchachos Observatory: data base and recalibration of the generalized SCIDAR data](#)  
 Author(s): Garcia-Lorenzo B.; Fuensalida J. J.  
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**IAC/ Unv La Laguna**
- ◆ ORM: JKT

128. [The Star Formation Reference Survey. I. Survey Description and Basic Data](#)  
 Author(s): Ashby M. L. N.; Mahajan S.; Smith H. A.; et al.  
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 ♦ **ESA: AKARI**  
 ♦ Otros: Spitzer; VLA; IRAS; Galex
129. [Wavelength Calibration for OSIRIS/GTC Tunable Filters](#)  
 Author(s): Mendez-Abreu J.; Sanchez Almeida J.; Munoz-Tunon C.; et al.  
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**IAC/ Unv La Laguna**  
 ♦ **GTC/OSIRIS**
130. [HIFI detection of hydrogen fluoride in the carbon star envelope IRC+10216](#)  
 Author(s): Agundez M.; Cernicharo J.; Waters L. B. F. M.; et al.  
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 ♦ **ESA: Herschel/HIFI**
131. [Herschel observations of the Herbig-Haro objects HH52-54](#)  
 Author(s): Bjerkeli P.; Liseau R.; Nisini B.; et al.  
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 ♦ **ESA: Herschel/HIFI/PACS**  
 ♦ **ESO: APEX**  
 ♦ Otros: Odin; SEST
132. [Studying the spatially resolved Schmidt-Kennicutt law in interacting galaxies: the case of Arp 158](#)  
 Author(s): Boquien M.; Lisenfeld U.; Duc P. -A.; et al.  
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 ♦ **IRAM: 30m**  
 ♦ **ORM: WHT**  
 ♦ Otros: VLA; Galex; NED database
133. [GOODS-Herschel: evidence of a UV extinction bump in galaxies at  \$z > 1\$](#)   
 Author(s): Buat V.; Giovannoli E.; Heinis S.; et al.  
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 ♦ **ESA: Herschel/PACS**  
 ♦ Otros: Spitzer; Galex

134. [GOODS-Herschel: an infrared main sequence for star-forming galaxies](#)  
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 ♦ Otros: Spitzer
135. [The size of AB Doradus A from VLTI/AMBER interferometry](#)  
 Author(s): Guirado J. C.; Marcaide J. M.; Marti-Vidal I.; et al.  
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**UV**  
 ♦ **ESO (Paranal): VLTI/AMBER**  
 ♦ Otros: SIMBAD database
136. [Dense core formation by fragmentation of velocity-coherent filaments in L1517](#)  
 Author(s): Hacar A.; Tafalla M.  
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**OAN-IGN**  
 ♦ **IRAM: 30m**  
 ♦ Otros: OST; SIMBAD database
137. [Transiting exoplanets from the CoRoT space mission XVIII. CoRoT-18b: a massive hot Jupiter on a prograde, nearly aligned orbit](#)  
 Author(s): Hebrard G.; Evans T. M.; Alonso R.; et al.  
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 ♦ **ESA: CoRoT**  
 ♦ **ESO (La Silla): 3.6m/HARPS**  
 ♦ **ORM: NOR/FIES**  
 ♦ **OT: OGS**  
 ♦ Otros: OHP/SOPHIE
138. [Venus transit 2004: Illustrating the capability of exoplanet transmission spectroscopy](#)  
 Author(s): Hedelt P.; Alonso R.; Brown T.; et al.  
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 ♦ **OT: VTT**
139. [X-ray monitoring of classical novae in the central region of M 31 II. Autumn and winter 2007/2008 and 2008/2009](#)  
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 ♦ **ESA: XMM-Newton**  
 ♦ Otros: Chandra



140. [Filaments and ridges in Vela C revealed by Herschel: from low-mass to high-mass star-forming sites](#)  
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◆ **ESA: Herschel/PACS/SPIRE**
141. [Extreme warm absorber variability in the Seyfert galaxy Mrk 704](#)  
Author(s): Matt G.; Bianchi S.; Guainazzi M.; et al.  
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◆ **ESA: XMM-Newton**  
◆ Otros: Swift
142. [Application of speckle and \(multi-object\) multi-frame blind deconvolution techniques on imaging and imaging spectropolarimetric data](#)  
Author(s): Puschmann K. G.; Beck C.  
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**IAC/ Univ La Laguna**  
◆ **OT: VTT**
143. [Multi-frequency observations of Swift J1626.6-5156](#)  
Author(s): Reig P.; Nespoli E.; Fabregat J.; et al.  
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◆ **ESO (La Silla): NTT/ Sofl**  
◆ Otros: RXTE
144. [STIS optical spectroscopy of the lobes of CRL 618](#)  
Author(s): Riera A.; Raga A. C.; Velazquez P. F.; et al.  
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**UPC**  
◆ **ESA: Hubble**
145. [First simultaneous multi-wavelength observations of the black hole candidate IGR J17091-3624 ATCA, INTEGRAL, Swift, and RXTE views of the 2011 outburst](#)  
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◆ **ESA: INTEGRAL**  
◆ Otros: RXTE; Swift; ATCA

146. [The young B-star quintuple system HD 155448](#)  
 Author(s): Schütz O.; Meeus G.; Carmona A.; et al.  
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- ◆ ESO (Paranal): VLT/VISIR/NACO
  - ◆ ESO (La Silla): 3.6m/EFOSC2; NTT/Soff
  - ◆ Otros: Swift; Spitzer; SIMBAD database
147. [The spectroscopic evolution of the recurrent nova T Pyxidis during its 2011 outburst I. The optically thick phase and the origin of moving lines in novae](#)  
 Author(s): Shore S. N.; Augusteijn T.; Ederoclite A.; et al.  
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- ◆ ORM: NOT/FIES
  - ◆ Otros: SIMBAD database; MAST archive
148. [Spectroscopic stellar parameters for 582 FGK stars in the HARPS volume-limited sample Revising the metallicity-planet correlation](#)  
 Author(s): Sousa S. G.; Santos N. C.; Israelian G.; et al.  
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- IAC**
- ◆ ESO (La Silla): 3.6m/HARPS
149. [Searching for star-forming galaxies in the Fornax and Hydra clusters](#)  
 Author(s): Vaduvescu O.; Kehrig C.; Vilchez J. M.; et al.  
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 A65 DOI: 10.1051/0004-6361/201116651 Published: SEP 2011
- ING**
- ◆ ESO (Paranal): VLT/ HAWK-I
  - ◆ Otros: Gemini South
150. [Ruling out unresolved binaries in five transitional disks VLT/NACO deep 2.12 and 1.75  \$\mu\$  m narrow-band imaging](#)  
 Author(s): Vicente S.; Merin B.; Hartung M.; et al.  
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- ◆ ESO (Paranal): VLT/NACO
151. [DETECTION OF INFALLING HYDROGEN IN TRANSFER BETWEEN THE INTERACTING GALAXIES NGC 5426 AND NGC 5427](#)  
 Author(s): Font Joan; Beckman John E.; Rosado Margarita; et al.  
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 2011
- IAC/ Univ La Laguna**
- ◆ ORM: WHT

- ◆ Otros: 2.2m Observatorio de San Pedro Martir
  
- 152.     [The PEP survey: clustering of infrared-selected galaxies and structure formation at z similar to 2 in GOODS-South](#)  
 Author(s): Magliocchetti M.; Santini P.; Rodighiero G.; et al.  
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- ◆ [ESA: Herschel/PACS](#)
  
- 153.     [Herschel-ATLAS: counterparts from the ultraviolet-near-infrared in the science demonstration phase catalogue](#)  
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- ◆ [ESA: Herschel/ATLAS](#)
- ◆ [ESO \(Paranal\): VST; VISTA](#)
- ◆ Otros: UKIRT; SDSS; Galax; WISE; GMRT; ASKAP
  
- 154.     [Wide-field optical imaging on ELAIS N1, ELAIS N2, First Look Survey and Lockman Hole: observations and source catalogues](#)  
 Author(s): González-Solares E. A.; Irwin M.; McMahon R. G.; et al.  
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- ◆ [ORM: INT/WFC](#)
- ◆ Otros: NED database
  
- 155.     [VARIABILITY OF THE SiO THERMAL LINE EMISSION TOWARD THE YOUNG L1448-mm OUTFLOW](#)  
 Author(s): Jiménez-Serra I.; Martín-Pintado J.; Winters J. -M.; et al.  
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- ◆ [IRAM: PdBI](#)
  
- 156.     [NUCLEAR RINGS IN GALAXIES-A KINEMATIC PERSPECTIVE](#)  
 Author(s): Mazzuca Lisa M.; Swaters Robert A.; Knapen Johan H.; et al.  
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- ◆ [ORM: WHT](#)
- ◆ Otros: 3.5 m WIYN5 telescope
  
- 157.     [OUTFLOWS FROM ACTIVE GALACTIC NUCLEI: KINEMATICS OF THE NARROW-LINE AND CORONAL-LINE REGIONS IN SEYFERT GALAXIES](#)  
 Author(s): Mueller-Sanchez F.; Prieto M. A.; Hicks E. K. S.; et al.  
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- ◆ ESO (Paranal): VLT/SINFONI
  - ◆ Otros: Keck II
158. [THE YELLOW SUPERGIANT PROGENITOR OF THE TYPE II SUPERNOVA 2011dh IN M51](#)  
Author(s): Maund J. R.; Fraser M.; Ergon M.; et al.  
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- ◆ ORM: NOT; TNG; LT
  - ◆ Otros: Gemini
159. [THE LESSER ROLE OF STARBURSTS IN STAR FORMATION AT  \$z=2\$](#)   
Author(s): Rodighiero G.; Daddi E.; Baronchelli I.; et al.  
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- ◆ ESA: Herschel/PACS
160. [Hydroxyl airglow on Venus in comparison with Earth](#)  
Author(s): Migliorini A, Piccioni G, Moinelo AC, et al.  
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10  
Special Issue: Sp. Iss. SI Pages: 974-980 Published: AUG 2011
- ◆ ESA: Venus Express
161. [Oxygen airglow emission on Venus and Mars as seen by VIRTIS/VEX and OMEGA/MEX imaging spectrometers](#)  
Author(s): Migliorini A, Altieri F, Zasova L, et al.  
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10  
Special Issue: Sp. Iss. SI Pages: 981-987 Published: AUG 2011
- ◆ ESA: Venus Express/ VIRTIS; Mars Express/ OMEGA
162. [Modeling the atmospheric limb emission of CO<sub>2</sub> at 4.3  \$\mu\$  m in the terrestrial planets](#)  
Author(s): López-Valverde MA, Lopez-Puertas M, Funke B, et al.  
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10  
Special Issue: Sp. Iss. SI Pages: 988-998 Published: AUG 2011  
**IAA-CSIC**
- ◆ ESA: Venus Express/ VIRTIS; Mars Express/ OMEGA
163. [Non-LTE CO limb emission at 4.7  \$\mu\$  m in the upper atmosphere of Venus, Mars and Earth: Observations and modeling](#)  
Author(s): Gilli G, Lopez-Valverde MA, Funke B, et al.  
Source: PLANETARY AND SPACE SCIENCE Volume: 59 Issue: 10  
Special Issue: Sp. Iss. SI Pages: 1010-1018 Published: AUG 2011  
**IAA-CSIC**
- ◆ ESA: Venus Express/ VIRTIS; Mars Express/ OMEGA

164. [\(596\) SCHEILA IN OUTBURST: A PROBABLE COLLISION EVENT IN THE MAIN ASTEROID BELT](#)  
 Author(s): Moreno F, Licandro J, Ortiz JL, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 2 Article  
 Number: 130 Published: SEP 10 2011  
**IAA-CSIC**  
 ♦ OT: IAC-80  
 ♦ ORM: WHT  
 ♦ CAHA: 1.23m  
 ♦ Otros: OSN 1.5 m
165. [EXTENDED SUBMILLIMETER EMISSION OF THE GALACTIC CENTER AND NEAR-INFRARED/SUBMILLIMETER VARIABILITY OF ITS SUPERMASSIVE BLACK HOLE](#)  
 Author(s): Garcia-Marin M, Eckart A, Weiss A, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 2 Article  
 Number: 158 Published: SEP 10 2011  
 ♦ ESO (Paranal): VLT/NACO  
 ♦ ESO: APEX/LABOCA  
 ♦ Otros: Subaru
166. [PHOTOMETRIC TYPE Ia SUPERNOVA CANDIDATES FROM THE THREE- YEAR SDSS-II SN SURVEY DATA](#)  
 Author(s): Sako M, Bassett B, Connolly B, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 2 Article  
 Number: 162 Published: SEP 10 2011  
 ♦ ORM: WHT; NOT  
 ♦ ESO (La Silla): NTT  
 ♦ Otros: SDSS; Hobby-Eberly Telescope (HET); The Apache Point Observatory 3.5 m telescope; Subaru
167. [GALACTIC-SCALE ABSORPTION OUTFLOW IN THE LOW-LUMINOSITY QUASAR IRAS F04250-5718: HUBBLE SPACE TELESCOPE/COSMIC ORIGINS SPECTROGRAPH OBSERVATIONS](#)  
 Author(s): Edmonds D, Borguet B, Arav N, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 739 Issue: 1 Article  
 Number: 7 Published: SEP 20 2011  
 ♦ ESA: Hubble/COS
168. [DUST AROUND R CORONAE BOREALIS STARS. I. SPITZER/INFRARED SPECTROGRAPH OBSERVATIONS](#)  
 Author(s): Garcia-Hernandez DA, Rao NK, Lambert DL  
 Source: ASTROPHYSICAL JOURNAL Volume: 739 Issue: 1 Article  
 Number: 37 Published: SEP 20 2011  
**IAC/ Univ La Laguna**  
 ♦ OT: IAC-80  
 ♦ Otros: Spitzer; SAAO:0.75m

169. [Frequency analysis and pulsational mode identification of two gamma Doradus stars: HD 40745 and HD 189631](#)  
 Author(s): Maisonneuve F, Pollard KR, Cottrell PL, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 4 Pages: 2977-2992 Published: AUG 2011  
 ♦ ESO (La Silla): MPG 2.2m/FEROS; 3.6m/HARPS  
 ♦ Otros: HERCULES
170. [Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from the Herschel-ATLAS](#)  
 Author(s): Valtchanov I, Virdee J, Ivison RJ, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 4 Pages: 3473-3484 Published: AUG 2011  
**ESAC**  
 ♦ ESA: Herschel  
 ♦ IRAM: PdBI  
 ♦ Otros: EVLA
171. [Dissecting the size evolution of elliptical galaxies since z similar to 1: puffing-up versus minor-merging scenarios](#)  
 Author(s): Trujillo I, Ferreras I, de la Rosa IG  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 4 Pages: 3903-3913 Published: AUG 2011  
**IAC/ Univ La Laguna**  
 ♦ ESA: Hubble/ACS  
 ♦ Otros: SDSS
172. [Herschel-ATLAS: the link between accretion luminosity and star formation in quasar host galaxies](#)  
 Author(s): Bonfield DG, Jarvis MJ, Hardcastle MJ, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 13-21 Published: SEP 2011  
 ♦ ESA: Herschel
173. [Spatial distribution and statistical properties of small-scale convective vortex-like motions in a quiet-Sun region](#)  
 Author(s): Dominguez SV, Palacios J, Balmaceda L, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 148-154 Published: SEP 2011  
 ♦ ORM: SST
174. [Long-term spectral and timing properties of the soft gamma-ray repeater SGR 1833-0832 and detection of extended X-ray emission around the radio pulsar PSR B1830-08](#)  
 Author(s): Esposito P, Israel GL, Turolla R, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 205-215 Published: SEP 2011  
 ♦ ESA: XMM-Newton  
 ♦ Otros: RXTE; Swift

175. [Interactions, star formation and extended nebulae in SDSS type 2 quasars at  \$0.3 \leq z \leq 0.6\$](#)   
 Author(s): Villar-Martin M, Tadhunter C, Humphrey A, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 262-278 Published: SEP 2011  
**IAA-CSIC**  
 ♦ ESO (Paranal): VLT/FORS2
176. [Herschel-Astrophysical Terahertz Large Area Survey: detection of a far-infrared population around galaxy clusters](#)  
 Author(s): Coppin KEK, Geach JE, Smail I, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 416 Issue: 1 Pages: 680-688 Published: SEP 2011  
 ♦ ESA: Herschel
177. [The Swift/Fermi GRB 080928 from 1 eV to 150 keV](#)  
 Author(s): Rossi A, Schulze S, Klose S, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A142 Published: MAY 2011  
 ♦ ESO (La Silla): MPG 2.2m/GROND  
 ♦ Otros: Swift; Fermi
178. [AGILE detection of extreme gamma-ray activity from the blazar PKS 1510-089 during March 2009](#)  
 Author(s): D'Ammando F, Raiteri CM, Villata M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A145 Published: MAY 2011  
 ♦ ORM: LT; KVA  
 ♦ CAHA:  
 ♦ ESO (La Silla): MPG2.2m  
 ♦ Otros: AGILE, Swift, WEBT, REM, UMRAO, VLBA.
179. [The XMM-Newton survey of the Small Magellanic Cloud: a new X-ray view of the symbiotic binary SMC 3](#)  
 Author(s): Sturm R, Haberl F, Greiner J, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A152 Published: MAY 2011  
 ♦ ESA: XMM-Newton/EPIC
180. [The masses of the neutron and donor star in the high-mass X-ray binary IGR J18027-2016 \(Research Note\)](#)  
 Author(s): Mason AB, Norton AJ, Clark JS, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A124 Published: AUG 2011  
 ♦ ESO (Paranal): VLT/ISAAC

181. [The spectrum of \(136199\) Eris between 350 and 2350 nm: results with X-Shooter](#)  
 Author(s): Alvarez-Candal A, Pinilla-Alonso N, Licandro J, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A130 Published: AUG 2011  
 ♦ ESO (Paranal): VLT/X-Shooter
182. [Integral field spectroscopy of nitrogen overabundant blue compact dwarf galaxies](#)  
 Author(s): Pérez-Montero E, Vilchez JM, Cedres B, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A141 Published: AUG 2011  
 IAA-CSIC  
 ♦ CAHA: 3.5m/PMAS
183. [The effect of environment on star forming galaxies at redshift I. First insight from PACS](#)  
 Author(s): Popesso P, Rodighiero G, Saintonge A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A145 Published: AUG 2011  
 ♦ ESA: Herschel/PACS; Hubble  
 ♦ ESO (Paranal): VLT/VIMOS/ ISAAC  
 ♦ ESO (La Silla): MPG 2.2m  
 ♦ Otros: Galex; Spitzer
184. [Identification of gamma-ray emission from 3C 345 and NRAO 512](#)  
 Author(s): Schinzel FK, Sokolovsky KV, D'Ammando F, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A150 Published: AUG 2011  
 ♦ CAHA: ¿?  
 ♦ Otros: Fermi-LAT; Swift; WEBT; SIMBAD, NED database
185. [The Herschel M 33 extended survey \(HerM33es\): PACS spectroscopy of the star-forming region BCLMP 302](#)  
 Author(s): Mookerjea B, Kramer C, Buchbender C, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A152 Published: AUG 2011  
 ♦ ESA: Herschel/PACS/HIFI  
 ♦ IRAM: 30m  
 ♦ Otros: VLA; Spitzer
186. [SPITZER 24 mu m SURVEY FOR DUST DISKS AROUND HOT WHITE DWARFS](#)  
 Author(s): Chu YH, Su KYL, Bilikova J, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 75 Published: SEP 2011  
 ♦ ESA: Hubble  
 ♦ Otros: Spitzer



187. [CHARACTERIZATION OF OPTICALLY SELECTED STAR-FORMING KNOTS IN \(U\)LIRGs](#)  
Author(s): Miralles-Caballero D, Colina L, Arribas S, et al.  
Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 79 Published: SEP 2011  
◆ ESA: Hubble
188. [WASP-35b, WASP-48b, AND HAT-P-30b/WASP-51b: TWO NEW PLANETS AND AN INDEPENDENT DISCOVERY OF A HAT PLANET](#)  
Author(s): Enoch B, Anderson DR, Barros SCC, et al.  
Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 86 Published: SEP 2011  
◆ ORM: SuperWASP North ; LT/RISE; NOT/FIES  
◆ Otros: TRAPPIST; FTS; La Silla Swiss telescope/CORALIE; OHP/SOPHIE
189. [PHYSICAL STRUCTURE OF THE PLANETARY NEBULA NGC 3242 FROM THE HOT BUBBLE TO THE NEBULAR ENVELOPE](#)  
Author(s): Ruiz N, Guerrero MA, Chu YH, et al.  
Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 91 Published: SEP 2011  
◆ ESA: XMM-Newton; Hubble  
◆ Otros: KPNO 2.1 m telescope
190. [FIRST GROUND-BASED CHARGE-COUPLED DEVICE PROPER MOTIONS FOR FORNAX. II. FINAL RESULTS](#)  
Author(s): Méndez RA, Costa E, Gallart C, et al.  
Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 3 Article Number: 93 Published: SEP 2011  
◆ ESO (La Silla): NTT/SuSI2
191. [VELOCITY DISPERSIONS AND STELLAR POPULATIONS OF THE MOST COMPACT AND MASSIVE EARLY-TYPE GALAXIES AT REDSHIFT similar to 1](#)  
Author(s): Martinez-Manso J, Guzman R, Barro G, et al.  
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 738 Issue: 2 Article Number: L22 Published: SEP 10 2011  
◆ GTC/OSIRIS
192. [INTEGRAL OBSERVATIONS OF THE gamma-RAY BINARY 1FGL J1018.6-5856](#)  
Author(s): Li J, Torres DF, Chen YP, et al.  
Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 738 Issue: 2 Article Number: L31 Published: SEP 10 2011  
◆ ESA: INTEGRAL

193. [IRAS 18113-2503: THE WATER FOUNTAIN WITH THE FASTEST JET?](#)  
 Author(s): Gomez JF, Rizzo JR, Suarez O, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 739 Issue: 1  
 Article Number: L14 Published: SEP 20 2011  
**IAA-CSIC**  
 ♦ **ESA: AKARI**  
 ♦ **CAHA: 2.2m/CAFOS**  
 ♦ Otros: EVLA; Spitzer; IRAS; MSX
194. [Retrieving optical depth from shadows in orbiter images of Mars](#)  
 Author(s): Hoekzema NM, Garcia-Comas M, Stenzel OJ, et al.  
 Source: ICARUS Volume: 214 Issue: 2 Pages: 447-461 Published: AUG 2011  
 ♦ **ESA: Mars Express/HRSC**
195. [Long-term evolution of the aerosol debris cloud produced by the 2009 impact on Jupiter](#)  
 Author(s): Sánchez-Lavega A, Orton GS, Hueso R, et al.  
 Source: ICARUS Volume: 214 Issue: 2 Pages: 462-476 Published: AUG 2011  
**Unv País Vasco**  
 ♦ **ESA: Hubble/WFC3**  
 ♦ **ESO (Paranal): VLT/NACO**  
 ♦ **CAHA: 3.5m/Omega2000**  
 ♦ **ORM: TNG; WHT**  
 ♦ **OT: TCS**  
 ♦ Otros: Keck; IRTF
196. [Analysis of Titan CH4 3.3  \$\mu\$  m upper atmospheric emission as measured by Cassini/VIMS](#)  
 Author(s): García-Comas M, Lopez-Puertas M, Funke B, et al.  
 Source: ICARUS Volume: 214 Issue: 2 Pages: 571-583 Published: AUG 2011  
**IAA-CSIC**  
 ♦ **ESA: Cassini/VIMS**
197. [Distribution of HCN in Titan's upper atmosphere from Cassini/VIMS observations at 3  \$\mu\$  m](#)  
 Author(s): Adriani A, Dinelli BM, Lopez-Puertas M, et al.  
 Source: ICARUS Volume: 214 Issue: 2 Pages: 584-595 Published: AUG 2011  
 ♦ **ESA: Cassini/VIMS**

198. [THE DUST ENVIRONMENT OF MAIN-BELT COMET P/2010 R2 \(LA SAGRA\)](#)  
 Author(s): Moreno F, Lara LM, Licandro J, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 738 Issue: 1  
 Article Number: L16 Published: SEP 1 2011  
**IAA-CSIC**  
 ♦ **ORM: TNG/DOLORES; NOT/ALFOSC; WHT/ACAM**  
 ♦ **CAHA: 2.2m/CAFOS**
199. [Stellar population gradients in Fornax cluster S0 galaxies: connecting bulge and disc evolution](#)  
 Author(s): Bedregal AG, Cardiel N, Aragon-Salamanca A, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2063-2080 Published: AUG 2011  
**UCM**  
 ♦ **ESO (Paranal): VLT/FORS2**
200. [Herschel-ATLAS: first data release of the Science Demonstration Phase source catalogues](#)  
 Author(s): Rigby EE, Maddox SJ, Dunne L, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2336-2348 Published: AUG 2011  
 ♦ **ESA: Herschel**
201. [PPAK wide-field Integral Field Spectroscopy of NGC628-II. Emission line abundance analysis](#)  
 Author(s): Rosales-Ortega FF, Diaz AI, Kennicutt RC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2439-2474 Published: AUG 2011  
**UAM**  
 ♦ **CAHA: 3.5m**  
 ♦ Otros: Oschin Schmidt Telescope on Palomar Mountain ; UK Schmidt Telescope
202. [XMM-Newton first X-ray detection of the low-ionization broad absorption line quasar PG 1700+518](#)  
 Author(s): Ballo L, Piconcelli E, Vignali C, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 3 Pages: 2600-2606 Published: AUG 2011  
**IFCA (CSIC-UC)**  
 ♦ **ESA: XMM-Newton; IUE**  
 ♦ NED database
203. [HERSCHEL\\* MEASUREMENTS OF MOLECULAR OXYGEN IN ORION](#)  
 Author(s): Goldsmith PF, Liseau R, Bell TA, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 737 Issue: 2 Article Number: 96 Published: AUG 20 2011  
 ♦ **ESA: Herschel**

204. [Spectroscopy at the solar limb I. Average off-limb profiles and Doppler shifts of Ca II H](#)  
 Author(s): Beck CAR, Rezaei R  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A173 Published: JUL 2011  
**IAC/ Univ La Laguna**  
 ♦ OT: VTT
205. [Polarization and photometric observations of the gamma-ray blazar PG1553+113 \(Research Note\)](#)  
 Author(s): Andruchow I, Combi JA, Munoz-Arjonilla AJ, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A38 Published: JUL 2011  
 ♦ CAHA: 2.2m/CAFOS
206. [Lunar mare single-scattering, porosity, and surface-roughness properties with SMART-1 AMIE](#)  
 Author(s): Muinonen K, Parviainen H, Naranen J, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A150 Published: JUL 2011  
 ♦ ESA: SMART-1/AMIE
207. [On the driver of relativistic effect strength in Seyfert galaxies](#)  
 Author(s): Guainazzi M, Bianchi S, Perez ID, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A131 Published: JUL 2011  
**ESAC**  
 ♦ ESA: XMM-Newton  
 ♦ Otros: NED database
208. [Massive young disks around Herbig Ae stars](#)  
 Author(s): Boissier J, Alonso-Albi T, Fuente A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A50 Published: JUL 2011  
 ♦ IRAM: PdBI
209. [Chromospheric activities and kinematics for solar type dwarfs and subgiants: analysis of the activity distribution and the AVR](#)  
 Author(s): Jenkins JS, Murgas F, Rojo P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A8 Published: JUL 2011  
 ♦ ESO (La Silla): MPG 2.2m/FEROS
210. [Hot gas in Mach cones around Virgo cluster spiral galaxies](#)  
 Author(s): Wezgowiec M, Vollmer B, Ehle M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A44 Published: JUL 2011  
 ♦ ESA: XMM-Newton

211. [Evolution of the dust coma in comet 67P/Churyumov-Gerasimenko before the 2009 perihelion](#)  
 Author(s): Tozzi GP, Patriarchi P, Boehnhardt H, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A54 Published: JUL 2011  
 ♦ ESO (Paranal): VLT/FORS2  
 ♦ ORM: TNG/DOLORES
212. [WASP-39b: a highly inflated Saturn-mass planet orbiting a late G-type star](#)  
 Author(s): Faedi F, Barros SCC, Anderson DR, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A40 Published: JUL 2011  
 ♦ ORM: SuperWASP-N  
 ♦ Otros: SuperWASP-S; OHP; 1.2-m Euler Swiss telescope
213. [Sequential star formation in IRAS 06084-0611 \(GGD 12-15\) From intermediate-mass to high-mass stars](#)  
 Author(s): Maaskant KM, Bik A, Waters LBFM, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A27 Published: JUL 2011  
 ♦ ESO (Paranal): VLT/SINFONI  
 ♦ ESO (La Silla): NTT/SOFI  
 ♦ Otros: Spitzer; 2MASS
214. [Nova M31N 2007-12b: supersoft X-rays reveal an intermediate polar?](#)  
 Author(s): Pietsch W, Henze M, Haberl F, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A22 Published: JUL 2011  
 ♦ ESA: XMM-Newton  
 ♦ Otros: Chandra
215. [A new study of the supernova remnant G344.7-0.1 located in the vicinity of the unidentified TeV source HESS J1702-420](#)  
 Author(s): Giacani E, Smith MJS, Dubner G, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A138 Published: JUL 2011  
 ♦ ESA: XMM-Newton  
 ♦ Otros: ATCA; VLA
216. [Low abundance, strong features: window-dressing crystalline forsterite in the disk wall of HD 100546](#)  
 Author(s): Mulders GD, Waters LBFM, Dominik C, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A93 Published: JUL 2011  
 ♦ ESA: Herschel/PACS

217. [Time evolution of high-energy emissions of low-mass stars I. Age determination using stellar chronology with white dwarfs in wide binaries](#)  
 Author(s): Garcés A, Catalan S, Ribas I  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A7 Published: JUL 2011  
**IEEC-CSIC**  
 ♦ CAHA: 3.5m  
 ♦ ORM: WHT
218. [First hyperfine resolved far-infrared OH spectrum from a star-forming region](#)  
 Author(s): Wampfler SF, Bruderer S, Kristensen LE, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L16 Published: JUL 2011  
 ♦ ESA: Herschel/HIFI
219. [Water in low-mass star-forming regions with Herschel \(WISH-LM\) High-velocity H<sub>2</sub>O bullets in L1448-MM observed with HIFI](#)  
 Author(s): Kristensen LE, van Dishoeck EF, Tafalla M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L1 Published: JUL 2011  
 ♦ ESA: Herschel/HIFI
220. [A VLT/FLAMES survey for massive binaries in Westerlund 1 III. The WC9d binary W239 and implications for massive stellar evolution](#)  
 Author(s): Clark JS, Ritchie BW, Negueruela I, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A28 Published: JUL 2011  
 ♦ ESO (Paranal): VLT/FLAMES  
 ♦ Otros: 0.6-m and 1.6-m telescopes at Pico dos Dias Observatory
221. [Transiting exoplanets from the CoRoT space mission XVII. The hot Jupiter CoRoT-17b: a very old planet](#)  
 Author(s): Csizmadia S, Moutou C, Deleuil M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A41 Published: JUL 2011  
 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 3.6m/HARPS  
 ♦ OT: IAC-80  
 ♦ Otros: CFHT; Keck
222. [Advection and dispersal of small magnetic elements in the very quiet Sun](#)  
 Author(s): Sainz RM, Gonzalez MJM, Ramos AA  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L9 Published: JUL 2011  
**IAC/ Univ La Laguna**  
 ♦ ESA: Hinode

223. [Discovery of close binary central stars in the planetary nebulae NGC 6326 and NGC 6778](#)  
 Author(s): Miszalski B, Jones D, Rodriguez-Gil P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: A158 Published: JUL 2011  
 ♦ ESO (Paranal): VLT/FORS2  
 ♦ ORM: Mercator  
 ♦ Otros: Gemini South; SAAO 1.9 m
224. [Discovery of a massive X-ray luminous galaxy cluster at  \$z=1.579\$](#)   
 Author(s): Santos JS, Fassbender R, Nastasi A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 531 Article Number: L15 Published: JUL 2011  
**ESAC**  
 ♦ ESO (Paranal): VLT/FORS2  
 ♦ ESO (La Silla): NTT/EMMI  
 ♦ ESA: XMM-Newton
225. [Direct detection of the Enceladus water torus with Herschel](#)  
 Author(s): Hartogh P, Lellouch E, Moreno R, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: L2 Published: AUG 2011  
 ♦ ESA: Herschel/HIFI
226. [Discovery of the X-ray selected galaxy cluster XMMU J0338.8+0021 at  \$z=1.49\$](#)   
 Author(s): Nastasi A, Fassbender R, Bohringer H, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: L6 Published: AUG 2011  
 ♦ ESA: XMM-Newton  
 ♦ ESO (Paranal): VLT/FORS2  
 ♦ CAHA: 3.5m/Omega2000  
 ♦ Otros: NED database
227. [The chemical composition of the Orion star forming region III. C, N, Ne, Mg, and Fe abundances in B-type stars revisited](#)  
 Author(s): Nieva MF, Simon-Diaz S  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A2 Published: AUG 2011  
 ♦ ORM: NOT/FIES
228. [Estimation of the XUV radiation onto close planets and their evaporation](#)  
 Author(s): Sanz-Forcada J, Micela G, Ribas I, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A6 Published: AUG 2011  
**CAB (CSIC-INTA)**  
 ♦ ESA: XMM-Newton  
 ♦ Otros: Chandra; ROSAT

229. [The two metallicity groups of the globular cluster M22: a chemical perspective](#)  
 Author(s): Marino AF, Sneden C, Kraft RP, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A8 Published: AUG 2011  
 ♦ ESO (Paranal): VLT/FLAMES/UVES  
 ♦ Otros: AAT; Lick Shane 3.0 m Telescope; McDonald Smith 2.7 m Telescope
230. [The near-infrared spectral index of Sagittarius A\\* derived from Ks- and H-band flare statistics](#)  
 Author(s): Bremer M, Witzel G, Eckart A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A26 Published: AUG 2011  
 ♦ ESO (Paranal): VLT/NACO
231. [Search and characterization of T-type planetary mass candidates in the sigma Orionis cluster](#)  
 Author(s): Ramírez KP, Osorio MRZ, Bejar VJS, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A42 Published: AUG 2011  
**IAC/ Univ La Laguna**  
 ♦ GTC/OSIRIS  
 ♦ ESO (Paranal): VLT/HAWK-1; VISTA/NIRCAM  
 ♦ Otros: POSS-II
232. [Building the cosmic infrared background brick by brick with Herschel/PEP](#)  
 Author(s): Berta S, Magnelli B, Nordon R, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A49 Published: AUG 2011  
 ♦ ESA: Herschel/PACS
233. [Mass, light and colour of the cosmic web in the supercluster SCL2243-0935 \(z=0.447\)](#)  
 Author(s): Schirmer M, Hildebrandt H, Kuijken K, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A57 Published: AUG 2011  
**ING**  
 ♦ ORM: INT/WFC  
 ♦ ESO (La Silla): NTT/EMMI; 2.2m MPG/WFI  
 ♦ CFHT
234. [Testing the comet nature of main belt comets. The spectra of 133P/Elst-Pizarro and 176P/LINEAR](#)  
 Author(s): Licandro J, Campins H, Tozzi GP, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A65 Published: AUG 2011  
**IAC/ Univ La Laguna**  
 ♦ ORM: TNG/DOLORES; WHT/ISIS; NOT/ALFOSC



- ◆ ESO (Paranal): VLT/FORS2
- 235. [Sparse aperture masking at the VLT I. Faint companion detection limits for the two debris disk stars HD 92945 and HD 141569](#)  
 Author(s): Lacour S, Tuthill P, Amico P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A72 Published: AUG 2011
- ◆ ESO (Paranal): VLT/NACO
- 236. [The mean infrared emission of Sagittarius A](#)  
 Author(s): Schödel R, Morris MR, Muzic K, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A83 Published: AUG 2011  
**IAA-CSIC**
- ◆ ESO (Paranal): VLT/VISIR
- 237. [Comet 103P/Hartley 2 at perihelion: gas and dust activity](#)  
 Author(s): Lara LM, Lin ZY, Meech K  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A87 Published: AUG 2011  
**IAA-CSIC**
- ◆ ORM: WHT
- 238. [PACS Evolutionary Probe \(PEP\) - A Herschel key program](#)  
 Author(s): Lutz D, Poglitsch A, Altieri B, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A90 Published: AUG 2011
- ◆ ESA: Herschel/PACS
- 239. [Infrared and radio study of the W43 cluster Resolved binaries and non-thermal emission](#)  
 Author(s): Luque-Escamilla PL, Muñoz-Arjonilla AJ, Sanchez-Sutil JR, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A92 Published: AUG 2011  
**Unv. de Jaén**
- ◆ ESO (Paranal): VLT/ISAAC
- ◆ Otros: VLA; 2MASS
- 240. [An updated MILES stellar library and stellar population models \(Research Note\)](#)  
 Author(s): Falcon-Barroso J, Sanchez-Blazquez P, Vazdekis A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A95 Published: AUG 2011  
**IAC/ Univ La Laguna**
- ◆ ORM: INT (MILES library)
- ◆ Otros: 0.9 m Coudé Feed telescope; OHP 193 cm telescope

241. [Lunar occultations of 184 stellar sources in two crowded regions toward the Galactic bulge](#)  
 Author(s): Richichi A, Chen WP, Fors O, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 532 Article Number: A101 Published: AUG 2011  
 ♦ ESO (Paranal): VLT/ISAAC
242. [Adaptive optics parameters connection to wind speed at the Teide Observatory: corrigendum](#)  
 Author(s): García-Lorenzo B, Eff-Darwich A, Fuensalida JJ, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 2 Pages: 801-809 Published: JUN 2011  
**IAC/ Univ La Laguna**  
 ♦ OT: TCS
243. [Element abundances in the stars of the MILES spectral library: the Mg/Fe ratio](#)  
 Author(s): Milone AD, Sansom AE, Sanchez-Blazquez P  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 2 Pages: 1227-1252 Published: JUN 2011  
 ♦ ORM: INT (MILES library)
244. [COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - I. Relations between H-2, HI, stellar content and structural properties](#)  
 Author(s): Saintonge A, Kauffmann G, Kramer C, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 32-60 Published: JUL 2011  
 ♦ IRAM: 30m
245. [COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - II. The non-universality of the molecular gas depletion time-scale](#)  
 Author(s): Saintonge A, Kauffmann G, Wang J, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 61-76 Published: JUL 2011  
 ♦ IRAM: 30m  
 ♦ Otros: Galex; SDSS
246. [T Tauri candidates and accretion rates using IPHAS: method and application to IC 1396](#)  
 Author(s): Barentsen G, Vink JS, Drew JE, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 103-132 Published: JUL 2011  
 ♦ ORM: INT
247. [Optical and mid-infrared observations of the planetary nebula NGC 6781](#)  
 Author(s): Phillips JP, Ramos-Larios G, Guerrero MA  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 513-524 Published: JUL 2011  
 ♦ ORM: NOT/ALFOSC  
 ♦ ESA: Hubble ; ISO

- ◆ Otros: Spitzer
  
- 248.     [Constraints on the formation of the globular cluster IC 4499 from multiwavelength photometry](#)  
 Author(s): Walker AR, Kunder AM, Andreuzzi G, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 643-654 Published: JUL 2011
  - ◆ ESO (La Silla): NTT/EMMI
  - ◆ Otros: CTIO Blanco 4-m telescope; 6.5-m Magellan Baade Telescope
  
- 249.     [Age patterns in a sample of spiral galaxies](#)  
 Author(s): Sánchez-Gil MC, Jones DH, Perez E, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 753-772 Published: JUL 2011  
**IAA-CSIC**
  - ◆ ORM: WHT
  - ◆ Otros: Gaia
  
- 250.     [The first release of data from the Herschel ATLAS: the SPIRE images](#)  
 Author(s): Pascale E, Auld R, Dariush A, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 1 Pages: 911-917 Published: JUL 2011
  - ◆ ESA: Herschel
  
- 251.     [A PRECISE CLUSTER MASS PROFILE AVERAGED FROM THE HIGHEST-QUALITY LENSING DATA](#)  
 Author(s): Umetsu K, Broadhurst T, Zitrin A, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 1 Article Number: 41 Published: SEP 1 2011
  - ◆ ESA: Hubble
  - ◆ Otros: Subaru
  
- 252.     [A MULTI-WAVELENGTH STUDY OF THE STAR-FORMING CORE AHEAD OF HH 80N](#)  
 Author(s): Masque JM, Osorio M, Girart JM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 1 Article Number: 43 Published: SEP 1 2011
  - ◆ ESO (Paranal): VLT/VISIR
  - ◆ ESO: APEX/SABOCA
  - ◆ IRAM: 30m; PdBI
  - ◆ ESA: AKARI
  - ◆ Otros: VLA; Spitzer
  
- 253.     [ON STAR FORMATION RATES AND STAR FORMATION HISTORIES OF GALAXIES OUT TO  \$z\$  similar to 3](#)  
 Author(s): Wuyts S, Schreiber NMF, Lutz D, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 738 Issue: 1 Article Number: 106 Published: SEP 1 2011
  - ◆ ESA: Herschel/PACS; Hubble/ACS

- ◆ ESO (Paranal): VLT/ISAAC/SINFONI
  - ◆ Otros: Spitzer
254. [GAMA/H-ATLAS: the ultraviolet spectral slope and obscuration in galaxies](#)  
 Author(s): Wijesinghe DB, da Cunha E, Hopkins AM, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1002-1012 Published: AUG 2011
- ◆ ESA: Herschel
  - ◆ ESO (Paranal): VISTA; VST
  - ◆ Otros: AAT; Galex; SDSS; UKIDSS
255. [The pulsations of PG 1351+489](#)  
 Author(s): Redaelli M, Kepler SO, Costa JES, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1220-1227 Published: AUG 2011
- ◆ ORM: INT (WET: Whole Earth Telescope)
  - ◆ Otros: McDonald 2.1 m; Pic du Midi 2.0 m; Wise 1.0 m
256. [The cool ZZ Ceti star PG 2303+243: observations and analysis of variability in 2004](#)  
 Author(s): Pakstiene E, Solheim JE, Handler G, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1322-1333 Published: AUG 2011
- ◆ ORM: NOT
  - ◆ OT: IAC-80
  - ◆ Otros: Steward Observatory's Mt Lemmon 1.5-m telescope; etc
257. [The Planck-ATCA Co-eval Observations project: the bright sample](#)  
 Author(s): Massardi M, Bonaldi A, Bonavera L, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1597-1610 Published: AUG 2011
- ◆ ESA: Planck
258. [A pilot study for the SCUBA-2 'All-Sky' Survey](#)  
 Author(s): Mackenzie T, Braglia FG, Gibb AG, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 415 Issue: 2 Pages: 1950-1960 Published: AUG 2011
- ◆ ESA: AKARI
  - ◆ Otros: JCMT; Spitzer. NED database
259. [Pre main sequence stars as UV sources for the World Space Observatory-UV mission](#)  
 Author(s): de Castro AIG, Lamzin SA  
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 335 Issue: 1  
 Pages: 61-68 Published: SEP 2011  
**UCM**
- ◆ ESA: Hubble

260. [Gravitationally lensed QSOs in the ISSIS/WSO-UV era](#)  
 Author(s): Goicoechea LJ, Shalyapin VN, Gil-Merino R  
 Source: ASTROPHYSICS AND SPACE SCIENCE Volume: 335 Issue: 1  
 Pages: 237-242 Published: SEP 2011  
**UC**  
 ♦ **ORM: NOT; LT**  
 ♦ Otros: Chandra; Swift
261. [SN 2008in-BRIDGING THE GAP BETWEEN NORMAL AND FAINT SUPERNOVAE OF TYPE IIP](#)  
 Author(s): Roy R, Kumar B, Benetti S, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article  
 Number: 76 Published: AUG 1 2011  
 ♦ **ESO (La Silla): NTT/EFOSC2**  
 ♦ Otros: ROTSE-IIIb telescope; Swift; HIT; IGO; BTA
262. [AN H alpha NUCLEAR SPIRAL STRUCTURE IN THE E0 ACTIVE GALAXY Arp 102B](#)  
 Author(s): Fathi K, Axon DJ, Storchi-Bergmann T, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article  
 Number: 77 Published: AUG 1 2011  
**IAC**  
 ♦ **ESA: Hubble/ACS**  
 ♦ Otros: VLA
263. [THE SPIN OF THE SUPERMASSIVE BLACK HOLE IN NGC 3783](#)  
 Author(s): Brenneman LW, Reynolds CS, Nowak MA, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article  
 Number: 103 Published: AUG 1 2011  
 ♦ **ESA: Suzaku**
264. [FERMI LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION](#)  
 Author(s): Abdo AA, Ackermann M, Ajello M, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 2 Article  
 Number: 131 Published: AUG 1 2011  
 ♦ **ORM: MAGIC**  
 ♦ Otros: Fermi-LAT; RXTE; VLBA; Swift
265. [A PECULIAR YOUNG ERUPTIVE STAR IN THE DARK CLOUD LYNDS 1340](#)  
 Author(s): Kun M, Szegedi-Elek E, Moor A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 1  
 Article Number: L8 Published: MAY 20 2011  
 ♦ **OT: IAC-80**  
 ♦ **CAHA: 2.2m/CAFOS/MAGIC**  
 ♦ **ORM: WHT/ISIS; NOT/NOTCam**

- ◆ Otros: Spitzer; 60/90/180 cm Schmidt telescope; Apache Point Observatory 3.5 m telescope
266. [DYNAMICAL STRUCTURE OF THE MOLECULAR INTERSTELLAR MEDIUM IN AN EXTREMELY BRIGHT, MULTIPLY LENSED z similar or equal to 3 SUBMILLIMETER GALAXY DISCOVERED WITH HERSCHEL](#)  
 Author(s): Riechers DA, Cooray A, Omont A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 1  
 Article Number: L12 Published: MAY 20 2011
- ◆ IRAM: PdBI
  - ◆ Otros: GBT; CARMA
267. [MASSIVE MOLECULAR OUTFLOWS AND NEGATIVE FEEDBACK IN ULIRGs OBSERVED BY HERSCHEL-PACS](#)  
 Author(s): Sturm E, Gonzalez-Alfonso E, Veilleux S, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 1  
 Article Number: L16 Published: MAY 20 2011
- ◆ ESA: Herschel/PACS
268. [THE 2010 MAY FLARING EPISODE OF CYGNUS X-3 IN RADIO, X-RAYS, AND gamma-RAYS](#)  
 Author(s): Williams PKG, Tomsick JA, Bodaghee A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 733 Issue: 2  
 Article Number: 20 Published: JUN 1 2011
- ◆ ESA: INTEGRAL
  - ◆ Otros: AMI, ATA, Fermi, RATAN, RXTE, Swift
269. [EPOXI: COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN](#)  
 Author(s): Meech KJ, A'Hearn MF, Adams JA, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1  
 Article Number: L1 Published: JUN 10 2011
- ◆ ESA: Hubble; SoHO; Herschel
  - ◆ OT: IAC-80
  - ◆ Otros: Spitzer; WISE; Swift; ODIN; Chandra; Gemini; Subaru
270. [ROTATION STATE OF COMET 103P/HARTLEY 2 FROM RADIO SPECTROSCOPY AT 1 mm](#)  
 Author(s): Drahus M, Jewitt D, Guilbert-Lepoutre A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1  
 Article Number: L4 Published: JUN 10 2011
- ◆ IRAM: 30m
  - ◆ Otros: JCMT; CSO

271. [HerMES: LYMAN BREAK GALAXIES INDIVIDUALLY DETECTED AT  \$0.7 \leq z \leq 2.0\$  IN GOODS-N WITH HERSCHEL/SPIRE](#)  
 Author(s): Burgarella D, Heinis S, Magdis G, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1  
 Article Number: L12 Published: JUN 10 2011
- ◆ ESA: Herschel
  - ◆ Otros
272. [HERSCHEL/HIFI OBSERVATIONS OF HYDROGEN FLUORIDE TOWARD SAGITTARIUS B2\(M\)](#)  
 Author(s): Monje RR, Emprechtinger M, Phillips TG, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 734 Issue: 1  
 Article Number: L23 Published: JUN 10 2011
- ◆ ESA: Herschel
  - ◆ IRAM: 30m
273. [THE REMARKABLE gamma-RAY ACTIVITY IN THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211](#)  
 Author(s): Donnarumma I, De Rosa A, Vittorini V, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 736 Issue: 2  
 Article Number: L30 Published: AUG 1 2011
- ◆ ESA: INTEGRAL
  - ◆ Otros: AGILE; Swift
274. [THE BRIGHTEST GAMMA-RAY FLARING BLAZAR IN THE SKY: AGILE AND MULTI-WAVELENGTH OBSERVATIONS OF 3C 454.3 DURING 2010 NOVEMBER](#)  
 Author(s): Vercellone S, Striani E, Vittorini V, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 736 Issue: 2  
 Article Number: L38 Published: AUG 1 2011
- ◆ ESA: INTEGRAL
  - ◆ Otros: AGILE, Swift, WEBT, AAVSO, SMA
275. [AT LAST-A V777 HER PULSATOR IN THE KEPLER FIELD](#)  
 Author(s): Ostensen RH, Bloemen S, Vuckovic M, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 736 Issue: 2  
 Article Number: L39 Published: AUG 1 2011
- ◆ ORM: WHT/ISIS
  - ◆ Otros: Kepler
276. [THE TeV BINARY HESS J0632+057 IN THE LOW AND HIGH X-RAY STATE](#)  
 Author(s): Rea N, Torres DF  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 737 Issue: 1  
 Article Number: L12 Published: AUG 10 2011
- IEEC-CSIC**
- ◆ ESA: XMM-Newton
  - ◆ Otros: Chandra

277. [THE MOST DISTANT COMPACT GROUPS](#)  
 Author(s): Gutierrez CM  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 737 Issue: 1  
 Article Number: L21 Published: AUG 10 2011  
**IAC/ Univ La Laguna**  
 ◆ ORM: INT  
 ◆ GTC/OSIRIS  
 ◆ Otros: SDSS database
278. [EXTREMELY BROAD RADIO RECOMBINATION MASER LINES TOWARD THE HIGH-VELOCITY IONIZED JET IN CEPHEUS A HW2](#)  
 Author(s): Jiménez-Serra I, Martín-Pintado J, Baez-Rubio A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 2  
 Article Number: L27 Published: MAY 10 2011  
 ◆ IRAM: 30m; PdBI  
 ◆ Otros: SMA
279. [EVIDENCE OF A DISTINCT STELLAR POPULATION IN THE COUNTERROTATING CORE OF NGC 1700](#)  
 Author(s): Kleineberg K, Sánchez-Blázquez P, Vazdekis A  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 2  
 Article Number: L33 Published: MAY 10 2011  
**IAC/ Univ La Laguna**  
 ◆ ORM: WHT/ISIS
280. [DISCOVERY OF A MULTIPLY LENSED SUBMILLIMETER GALAXY IN EARLY HerMES HERSCHEL/SPIRE\\* DATA](#)  
 Author(s): Conley A, Cooray A, Vieira JD, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 2  
 Article Number: L35 Published: MAY 10 2011  
 ◆ ESA: Herschel  
 ◆ IRAM: PdBI  
 ◆ ORM: INT/WFC  
 ◆ Otros: SMA; Subaru; Spitzer
281. [The SAURON project - XVIII. The integrated UV-line-strength relations of early-type galaxies](#)  
 Author(s): Bureau M, Jeong H, Yi SK, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 1887-1902 Published: JUL 2011  
 ◆ ORM: WHT  
 ◆ Otros: GALEX; 1.3-m McGraw-Hill Telescope
282. [The morphologies and masses of extremely red galaxies in the Groth Strip](#)  
 Author(s): Hempel A, Cristóbal-Hornillos D, Prieto M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 2246-2264 Published: JUL 2011  
**IAC/ Univ La Laguna**



- ◆ ESA: Hubble/WFPC2
  - ◆ ORM: WHT/INGRID; INT/WFC
283. [Random forest automated supervised classification of Hipparcos periodic variable stars](#)  
 Author(s): Dubath P, Rimoldini L, Suveges M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 2602-2617 Published: JUL 2011
- ◆ ESA: Hipparcos
284. [Effect of magnetic activity saturation in chromospheric flux-flux relationships](#)  
 Author(s): Martínez-Arnáiz R, López-Santiago J, Crespo-Chacon I, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 3 Pages: 2629-2641 Published: JUL 2011  
 UCM
- ◆ ESO (La Silla): MPG 2.2m/FEROS
  - ◆ Otros: SIMBAD database
285. [First Kepler results on compact pulsators - VI. Targets in the final half of the survey phase](#)  
 Author(s): Østensen RH, Silvotti R, Charpinet S, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 2860-2870 Published: JUL 2011
- ◆ ORM: NOT; WHT
  - ◆ Otros: Kepler
286. [First Kepler results on compact pulsators - VIII. Mode identifications via period spacings in g-mode pulsating subdwarf B stars](#)  
 Author(s): Reed MD, Baran A, Quint AC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 2885-2892 Published: JUL 2011
- ◆ ESA: CoRoT
  - ◆ Otros: Kepler
287. [Nearby stars of the Galactic disc and halo - V](#)  
 Author(s): Fuhrmann K  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 2893-2922 Published: JUL 2011
- ◆ CAHA: 2.2m/FOCES
  - ◆ ESA: Hipparcos catalogue
  - ◆ Otros: SIMBAD database
288. [The spin-orbit angles of the transiting exoplanets WASP-1b, WASP-24b, WASP-38b and HAT-P-8b from Rossiter-McLaughlin observations](#)  
 Author(s): Simpson EK, Pollacco D, Cameron AC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3023-3035 Published: JUL 2011
- ◆ ORM: NOT/FIES

- ◆ ESO (La Silla): 3.6m/HAPS
  - ◆ CAHA: 1.2m
  - ◆ Otros: 1.93-m telescope OHP/SOPHIE
289. [The HST/ACS Coma Cluster Survey - VI. Colour gradients in giant and dwarf early-type galaxies](#)  
 Author(s): den Brok M, Peletier RF, Valentijn EA, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3052-3070 Published: JUL 2011
- ◆ ESA: Hubble/ACS
  - ◆ Otros: NED database
290. [The XMM-Newton survey of the Small Magellanic Cloud: XMMU J005011.2-730026=SXP 214, a Be/X-ray binary pulsar](#)  
 Author(s): Coe MJ, Haberl F, Sturm R, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3281-3287 Published: JUL 2011
- ◆ ESA: XMM-Newton
  - ◆ Otros: Faulkes Telescope; 1.9m SAAO
291. [NGC2419: a large and extreme second generation in a currently undisturbed cluster](#)  
 Author(s): Di Criscienzo M, D'Antona F, Milone AP, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 4 Pages: 3381-3393 Published: JUL 2011
- ◆ ESA: Hubble
292. [The Young Exoplanet Transit Initiative \(YETI\)](#)  
 Author(s): Neuhauser R, Errmann R, Berndt A, et al.  
 Source: ASTRONOMISCHE NACHRICHTEN Volume: 332 Issue: 6 Pages: 547-561 Published: JUL 2011
- ◆ CAHA: 2.2m/CAFOS
  - ◆ Otros: Jena 90/60-cm telescope; YETI telescope network.
293. [MAGIC DISCOVERY OF VERY HIGH ENERGY EMISSION FROM THE FSRQ PKS 1222+21](#)  
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 730 Issue: 1 Article Number: L8 Published: MAR 20 2011
- ◆ ORM: MAGIC
  - ◆ Otros: Fermi-LAT
294. [GALEX J201337.6+092801: THE LOWEST GRAVITY SUBDWARF B PULSATOR](#)  
 Author(s): Ostensen RH, Papics PI, Oreiro R, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 731 Issue: 1 Article Number: L13 Published: APR 10 2011
- ◆ ORM: Mercator
  - ◆ Otros: GALEX

295. [DISENTANGLING THE ENVIRONMENT OF THE FU ORIONIS CANDIDATE HBC 722 WITH HERSCHEL](#)  
 Author(s): Green JD, Evans NJ, Kospal A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 731 Issue: 2  
 Article Number: L25 Published: APR 20 2011  
 ♦ **ESA: Herschel**
296. [NON-DETECTION OF MAGNETIC FIELDS IN THE CENTRAL STARS OF THE PLANETARY NEBULAE NGC 1360 AND LSS 1362](#)  
 Author(s): Leone F, Gonzalez MJM, Corradi RLM, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 731 Issue: 2  
 Article Number: L33 Published: APR 20 2011  
 ♦ **ESO (Paranal): VLT/FORS**
297. [THE INTERMEDIATE-MASS YOUNG STELLAR OBJECT 08576nr292: DISCOVERY OF A DISK-JET SYSTEM](#)  
 Author(s): Ellerbroek LE, Kaper L, Bik A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 1  
 Article Number: L9 Published: MAY 1 2011  
 ♦ **ESO (Paranal): VLT/ SINFONI/ X-shooter**
298. [ASTROPHYSICAL PARAMETERS OF LS 2883 AND IMPLICATIONS FOR THE PSR B1259-63 GAMMA-RAY BINARY](#)  
 Author(s): Negueruela I, Ribo M, Herrero A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 732 Issue: 1  
 Article Number: L11 Published: MAY 1 2011  
**Univ Alicante**  
 ♦ **ESO (Paranal): VLT/UVES**  
 ♦ Otros: 1.9m SAAO
299. [A SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM SCORPIUS X-1 WITH THE MAGIC TELESCOPES](#)  
 Author(s): Aleksic J, Alvarez EA, Antonelli LA, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 735 Issue: 1  
 Article Number: L5 Published: JUL 1 2011  
**IFAE**  
 ♦ **ORM: MAGIC**  
 ♦ Otros: RXTE
300. [ON THE LOCATION OF THE gamma-RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM](#)  
 Author(s): Agudo I, Marscher AP, Jorstad SG, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 735 Issue: 1  
 Article Number: L10 Published: JUL 1 2011  
**IAA-CSIC**  
 ♦ **IRAM: 30m**  
 ♦ **CAHA: 2.2m**

- ◆ Otros: VLBA; Steward Observatory; ...Fermi-LAT; Swift
  
- 301.     [FIR MEASUREMENTS OF Ly alpha EMITTERS AT z less than or similar to 1.0: DUST ATTENUATION FROM PACS-HERSCHEL](#)  
 Author(s): Oteo I, Bongiovanni A, Garcia AMP, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 735 Issue: 1  
 Article Number: L15 Published: JUL 1 2011  
**IAC/ Univ La Laguna**
  - ◆ **ESA: Herschel**
  - ◆ Otros: Spitzer; GALEX
  
- 302.     [A MOLECULAR STAR FORMATION LAW IN THE ATOMIC-GAS-DOMINATED REGIME IN NEARBY GALAXIES](#)  
 Author(s): Schruha A, Leroy AK, Walter F, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 2 Article  
 Number: 37 Published: AUG 2011
  - ◆ **IRAM: 30m**
  - ◆ Otros: VLA; Galex; Spitzer; NED database
  
- 303.     [ECLIPSING BINARY SCIENCE VIA THE MERGING OF TRANSIT AND DOPPLER EXOPLANET SURVEY DATA-A CASE STUDY WITH THE MARVELS PILOT PROJECT AND SuperWASP](#)  
 Author(s): Fleming SW, Maxted PFL, Hebb L, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 2 Article  
 Number: 50 Published: AUG 2011
  - ◆ **ORM: SuperWASP**
  - ◆ Otros: Apache Point Observatory 3.5mtelescope; SDSS; 2MASS
  
- 304.     [METALLICITIES, AGE-METALLICITY RELATIONSHIPS, AND KINEMATICS OF RED GIANT BRANCH STARS IN THE OUTER DISK OF THE LARGE MAGELLANIC CLOUD](#)  
 Author(s): Carrera R, Gallart C, Aparicio A, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 2 Article  
 Number: 61 Published: AUG 2011  
**IAC/ Univ La Laguna**
  - ◆ **ESO (Paranal): VLT/FLAMES**
  - ◆ **ESO (La Silla): MPG 2.2m /WFI**
  
- 305.     [SUBMILLIMETER ARRAY/PLATEAU DE BURE INTERFEROMETER MULTIPLE LINE OBSERVATIONS OF THE NEARBY SEYFERT 2 GALAXY NGC 1068: SHOCK-RELATED GAS KINEMATICS AND HEATING IN THE CENTRAL 100 pc?](#)  
 Author(s): Krips M, Martin S, Eckart A, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 736 Issue: 1 Article  
 Number: 37 Published: JUL 20 2011
  - ◆ **IRAM: PdBI**
  - ◆ Otros: SMA

306. [The discovery of the T8.5 dwarf UGPS J0521+3640](#)  
 Author(s): Burningham B, Lucas PW, Leggett SK, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: L90-L94 Published: JUN 2011  
 ♦ ORM: TNG  
 ♦ Gemini -North telescope.
307. [Abundance determination of multiple star-forming regions in the H II galaxy SDSS J165712.75+321141.4](#)  
 Author(s): Hägele GF, Garcia-Benito R, Pérez-Montero E, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 272-288 Published: JUN 2011  
**UAM**  
 ♦ CAHA: 3.5m/TWIN  
 ♦ Otros: SDSS; NED; SIMBAD databases
308. [Variable Ly alpha sheds light on the environment surrounding GRB 090426](#)  
 Author(s): Thöne EC, Campana S, Lazzati D, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 479-488 Published: JUN 2011  
**IAA-CSIC**  
 ♦ ORM: NOT/ MOSCA/ ALFOSC  
 ♦ ESO (Paranal): VLT/ FORS2
309. [Blue not brown: UKIRT Infrared Deep Sky Survey T dwarfs with suppressed K-band flux](#)  
 Author(s): Murray DN, Burningham B, Jones HRA, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 575-586 Published: JUN 2011  
 ♦ OT: TCS  
 ♦ Otros: SDSS; UKIRT; SIMBAD database
310. [HerMES: detection of cosmic magnification of submillimetre galaxies using angular cross-correlation](#)  
 Author(s): Wang L, Cooray A, Farrah D, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 414 Issue: 1 Pages: 596-601 Published: JUN 2011  
 ♦ ESA: Herschel
311. [DISCOVERY OF AN ACTIVE GALACTIC NUCLEUS DRIVEN MOLECULAR OUTFLOW IN THE LOCAL EARLY-TYPE GALAXY NGC 1266](#)  
 Author(s): Alatalo K, Blitz L, Young LM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 2 Article Number: 88 Published: JUL 10 2011  
 ♦ IRAM: 30m

312. [THE SPITZER EXTRAGALACTIC REPRESENTATIVE VOLUME SURVEY: THE ENVIRONMENTS OF HIGH-z SDSS QUASI-STELLAR OBJECTS](#)  
 Author(s): Falder JT, Stevens JA, Jarvis MJ, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 2 Article Number: 123 Published: JUL 10 2011
- ◆ ORM: INT
  - ◆ Spitzer
313. [Evidence for a black hole in the X-ray transient XTE J1859+226](#)  
 Author(s): Corral-Santana JM, Casares J, Shahbaz T, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: L15-L19 Published: MAY 2011  
**IAC/ Univ La Laguna**
- ◆ GTC/OSIRIS
  - ◆ ORM: NOT/ALFOSC; WHT/ACAM
314. [THE SPITZER SURVEY OF INTERSTELLAR CLOUDS IN THE GOULD BELT. III. A MULTI-WAVELENGTH VIEW OF CORONA AUSTRALIS](#)  
 Author(s): Peterson DE, Garatti ACO, Bourke TL, et al.  
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 194 Issue: 2 DOI: 10.1088/0067-0049/194/2/43 Published: JUN 2011
- ◆ ESO (La Silla): NTT
  - ◆ ESO (Paranal): VLT/ISAAC
  - ◆ Otros: Spitzer; SMA; ROSAT; 2MASS
315. [NEW CONSTRAINTS ON THE ORIGIN OF THE SHORT-TERM CYCLICAL VARIABILITY OF THE WOLF-RAYET STAR WR 46](#)  
 Author(s): Henault-Brunet V, St-Louis N, Marchenko SV, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article Number: 13 Published: JUL 1 2011
- ◆ ESA: XMM-Newton
  - ◆ FUSE (*Far Ultraviolet Spectroscopic Explorer*)
316. [BLUE LUMINOUS STARS IN NEARBY GALAXIES-UIT 005: A POSSIBLE LINK TO THE LUMINOUS BLUE VARIABLE STAGE](#)  
 Author(s): Urbaneja MA, Herrero A, Lennon DJ, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article Number: 39 Published: JUL 1 2011
- ◆ ESA: Hubble/WFPC2
  - ◆ ORM: WHT
  - ◆ Otros: Keck Observatory Archive; 2MASS
317. [MULTIWAVELENGTH OBSERVATIONS OF THE GAMMA-RAY BLAZAR PKS 0528+134 IN QUIESCENCE](#)  
 Author(s): Palma NI, Bottcher M, de la Calle I, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article Number: 60 Published: JUL 1 2011

- ◆ **ESA: XMM-Newton; Suzaku**
  - ◆ Otros: RXTE; Fermi-LAT; the Whole Earth Blazar Telescope
318. [MAGNETOACOUSTIC WAVE ENERGY FROM NUMERICAL SIMULATIONS OF AN OBSERVED SUNSPOT UMBRA](#)  
 Author(s): Felipe T, Khomenko E, Collados M  
 Source: ASTROPHYSICAL JOURNAL Volume: 735 Issue: 1 Article  
 Number: 65 Published: JUL 1 2011  
**IAC/ Univ La Laguna**
- ◆ **OT: VTT**
319. [THE AFTERGLOWS OF SWIFT-ERA GAMMA-RAY BURSTS. II. TYPE I GRB VERSUS TYPE II GRB OPTICAL AFTERGLOWS](#)  
 Author(s): Kann DA, Klose S, Zhang B, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 2 Article  
 Number: 96 Published: JUN 20 2011
- ◆ **ESO (Paranal): VLT/FORS1**
  - ◆ **ORM: TNG/DOLORES**
  - ◆ Otros: TLS; SMARTS
320. [THE SUZAKU VIEW OF 3C 382](#)  
 Author(s): Sambruna RM, Tombesi F, Reeves JN, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 2 Article  
 Number: 105 Published: JUN 20 2011
- ◆ **ESA: XMM-Newton; Suzaku**
  - ◆ Otros: Swift
321. [AN INTERFEROMETRIC AND SPECTROSCOPIC ANALYSIS OF THE MULTIPLE STAR SYSTEM HD 193322](#)  
 Author(s): ten Brummelaar TA, O'Brien DP, Mason BD, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 1 Article  
 Number: 21 Published: JUL 2011
- ◆ **ORM: NOT**
  - ◆ Otros: Mayall 4 m telescope ; CFHT; 1.8 m Perkins Telescope; 1.8 m Plaskett Telescope
322. [INFRARED AND OPTICAL POLARIMETRY AROUND THE LOW-MASS STAR-FORMING REGION NGC 1333 IRAS 4A](#)  
 Author(s): Alves FO, Acosta-Pulido JA, Girart JM, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 1 Article  
 Number: 33 Published: JUL 2011
- ◆ **ORM: WHT/LIRIS**
  - ◆ 1.6 m Telescope of the Observat'orio do Pico dos Dias

323. [WASP-40b: Independent Discovery of the 0.6 M-Jup Transiting Exoplanet HAT-P-27b](#)  
 Author(s): Anderson DR, Barros SCC, Boisse I, et al.  
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 903 Pages: 555-560 Published: MAY 2011
- ◆ ORM: Super Wasp North ; LT
  - ◆ Super Wasp South
  - ◆ OHP telescope
324. [A strongly star-forming group: three massive galaxies associated with a quasi-stellar object](#)  
 Author(s): Carrera FJ, Page MJ, Stevens JA, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 4 Pages: 2791-2807 Published: JUN 2011  
**IFCA-CSIC/UC**
- ◆ ORM: WHT; INT
  - ◆ ESA: XMM-Newton
  - ◆ Otros: Gemini; UKIRT; JCMT; VLA; GMRT; Spitzer
  - ◆ 2MASS database
325. [J08069+1527: a newly discovered high-amplitude, hybrid subdwarf B pulsator](#)  
 Author(s): Baran AS, Gilker JT, Reed MD, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 4 Pages: 2838-2844 Published: JUN 2011
- ◆ ORM: NOT; Mercator
326. [SPATIALLY RESOLVED SPECTROSCOPY AND CHEMICAL HISTORY OF STAR-FORMING GALAXIES IN THE HERCULES CLUSTER: THE EFFECTS OF THE ENVIRONMENT](#)  
 Author(s): Petropoulou V, Vilchez J, Iglesias-Paramo J, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 32 Published: JUN 10 2011
- ◆ ORM: ING; WHT
  - ◆ NED database
327. [EVIDENCE FOR A CORRELATION BETWEEN THE Si II lambda 4000 WIDTH AND TYPE Ia SUPERNOVA COLOR](#)  
 Author(s): Nordin J, Ostman L, Goobar A, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 42 Published: JUN 10 2011
- ◆ ORM: NOT/ALFOSC
  - ◆ ESO (La Silla): NTT



328. [CONNECTION BETWEEN THE ACCRETION DISK AND JET IN THE RADIO GALAXY 3C 111](#)  
 Author(s): Chatterjee R, Marscher AP, Jorstad SG, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 43 Published: JUN 10 2011  
 ♦ ORM: LT  
 ♦ CAHA: 2.2m  
 ♦ ESA: Hubble  
 ♦ Otros: RXTE; VLBA; Perkins Telescope
329. [THE RADIO-2 mm SPECTRAL INDEX OF THE CRAB NEBULA MEASURED WITH GISMO](#)  
 Author(s): Arendt RG, George JV, Staguhn JG, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 734 Issue: 1 Article Number: 54 Published: JUN 10 2011  
 ♦ IRAM: 30m  
 ♦ NASA: Spitzer
330. [A search for new hot subdwarf stars by means of Virtual Observatory tools](#)  
 Author(s): Oreiro R, Rodriguez-Lopez C, Solano E, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A2 Published: JUN 2011  
 IAA-CSIC  
 ♦ ORM: INT; WHT  
 ♦ Database/survey (varios)
331. [MAGIC Observations and multiwavelength properties of the quasar 3C 279 in 2007 and 2009](#)  
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A4 Published: JUN 2011  
 IFAE  
 ♦ ORM: MAGIC; KVA  
 ♦ La Silla (no ESO): REM  
 ♦ Fermi-LAT  
 ♦ Swift
332. [Spectroscopic and physical parameters of Galactic O-type stars I. Effects of rotation and spectral resolving power in the spectral classification of dwarfs and giants](#)  
 Author(s): Markova N, Puls J, Scuderi S, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A11 Published: JUN 2011  
 ♦ ESO (La Silla): MPG 2.2m/FEROS

333. [Asymmetries of the Stokes V profiles observed by HINODE SOT/SP in the quiet Sun](#)  
 Author(s): Viticchic B, Almeida JS  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A14 Published: JUN 2011  
 ♦ ESA: Hinode
334. [Comparison of an X-ray-selected sample of massive lensing clusters with the MARENOSTRUM UNIVERSE Lambda CDM simulation](#)  
 Author(s): Meneghetti M, Fedeli C, Zitrin A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A17 Published: JUN 2011  
 ♦ Teorico/observaciones  
 ♦ ESA: Hubble
335. [Hubble Space Telescope study of resolved red giant stars in the outer halos of nearby dwarf starburst galaxies](#)  
 Author(s): Rys A, Grocholski AJ, van der Marel RP, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A23 Published: JUN 2011  
 ♦ ESA: Hubble/WFPC2/ ACS
336. [The X-ray spectral properties of the AGN population in the XMM-Newton bright serendipitous survey](#)  
 Author(s): Corral A, Della Ceca R, Caccianiga A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A42 Published: JUN 2011  
 ♦ ESA: XMM-Newton
337. [A detailed study of the H II region M 43 and its ionizing star](#)  
 Author(s): Simón-Díaz S, Garcia-Rojas J, Esteban C, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A57 Published: JUN 2011  
**IAC/ Univ La Laguna**  
 ♦ ORM: INT/WFC; WHT/ISIS
338. [Beryllium abundances in stars with planets Extending the sample](#)  
 Author(s): Gálvez-Ortiz MC, Delgado-Mena E, Hernandez JIG, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A66 Published: JUN 2011  
 ♦ ESO (Paranal): VLT/UVES  
 ♦ SIMBAD database
339. [Accurate p-mode measurements of the G0V metal-rich CoRoT target HD 52265](#)  
 Author(s): Ballot J, Gizon L, Samadi R, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number: A97 Published: JUN 2011  
 ♦ ESA: CoRoT

- ◆ SIMBAD database
  
- 340.     [A new planetary nebula in the outer reaches of the Galaxy](#)  
 Author(s): Viironen K, Mampaso A, Corradi RLM, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 A107 Published: JUN 2011  
**IAC/CAHA/CEFCA**  
 ◆ ORM: INT/WFC; WHT/ISIS; NOT/ALFOSC  
 ◆ SPM 2.1 m
  
- 341.     [The VLT-FLAMES Tarantula Survey I. Introduction and observational overview](#)  
 Author(s): Evans CJ, Taylor WD, Henault-Brunet V, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 A108 Published: JUN 2011  
 ◆ ESO (Paranal): VLT/FLAMES
  
- 342.     [Exploring the galaxy cluster-group transition regime at high redshifts](#)  
[Physical properties of two newly detected  \$z > 1\$  systems](#)  
 Author(s): Suhada R, Fassbender R, Nastasi A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 A110 Published: JUN 2011  
 ◆ ESA: XMM-Newton  
 ◆ ESO (Paranal): VLT/FORS2  
 ◆ CAHA: 3.5m
  
- 343.     [Ubiquitous quiet-Sun jets](#)  
 Author(s): Pillet VM, Iniesta JCD, Noda CQ  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 A111 Published: JUN 2011  
**IAC**  
 ◆ ESA: Hinode
  
- 344.     [A comprehensive approach to analyzing the XMM-Newton data of Seyfert 1 galaxies](#)  
 Author(s): Cardaci MV, Santos-Lleo M, Hagele GF, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 A125 Published: JUN 2011  
**UAM/ESAC**  
 ◆ ESA: XMM-Newton
  
- 345.     [About the p-mode frequency shifts in HD 49933](#)  
 Author(s): Salabert D, Regulo C, Ballot J, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 A127 Published: JUN 2011  
**IAC/ Univ La Laguna/CNRS**  
 ◆ ESA: CoRoT

346. [IKT 16: a composite supernova remnant in the Small Magellanic Cloud](#)  
Author(s): Owen RA, Filipovic MD, Ballet J, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
A132 Published: JUN 2011
- ◆ ESA: XMM-Newton
  - ◆ Otros: Curtis Schmidt telescope; 2.3-m Advanced Technology Telescope; ATCA
347. [Detection of CH<sup>+</sup> emission from the disc around HD 100546](#)  
Author(s): Thi WF, Menard F, Meeus G, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
L2 Published: JUN 2011
- ◆ ESA: Herschel/PACS
348. [Observation of H<sub>2</sub>O in a strongly lensed Herschel-ATLAS source at z=2.3](#)  
Author(s): Omont A, Neri R, Cox P, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
L3 Published: JUN 2011
- ◆ ESA: Herschel
  - ◆ IRAM: PdBI
349. [The VLT-FLAMES Tarantula Survey II. R139 revealed as a massive binary system](#)  
Author(s): Taylor WD, Evans CJ, Sana H, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
L10 Published: JUN 2011
- ◆ ESO (Paranal): VLT/FLAMES
  - ◆ ESO (La Silla): MPG 2.2 m/ FEROS
350. [New observations of asteroid \(175706\) 1996 FG3, primary target of the ESA Marco Polo-R mission](#)  
Author(s): de León J, Mothe-Diniz T, Licandro J, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
L12 Published: JUN 2011
- IAA-CSIC
- ◆ ORM: TNG/NICS
351. [The VLT-FLAMES Tarantula Survey III. A very massive star in apparent isolation from the massive cluster R136](#)  
Author(s): Bestenlehner JM, Vink JS, Grafener G, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
L14 Published: JUN 2011
- ◆ ESO (Paranal): VLT/FLAMES

352. [Disk and wind kinematics in MWC 349 A](#)  
 Author(s): Martín-Pintado J, Thum C, Planesas P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 L15 Published: JUN 2011  
**CAB (CSIC-INTA)**  
 ♦ IRAM: PdBI
353. [OH emission from warm and dense gas in the Orion Bar PDR](#)  
 Author(s): Goicoechea JR, Joblin C, Contursi A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 530 Article Number:  
 L16 Published: JUN 2011  
**CAB (CSIC-INTA)**  
 ♦ ESA: Herschel/PACS
354. [Observational Evidence for Grain Growth](#)  
 Author(s): Meeus G  
 Source: EARTH MOON AND PLANETS Volume: 108 Issue: 1 Pages: 45-  
 50 Published: MAY 2011  
**UAM**  
 ♦ ESA: ISO  
 ♦ NASA: Spitzer
355. [Lucky Imaging Adaptive Optics of the brown dwarf binary GJ569Bab](#)  
 Author(s): Femenía B, Rebolo R, Perez-Prieto JA, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL  
 SOCIETY Volume: 413 Issue: 3 Pages: 1524-1536 Published: MAY 2011  
**IAC/ Univ La Laguna**  
 ♦ ORM: WHT; NOT/FastCam  
 ♦ OT: IAC-80/CAMELOT
356. [Strong-lensing analysis of MS 1358.4+6245: New multiple images and implications for the well-resolved  \$z=4.92\$  galaxy](#)  
 Author(s): Zitrin A, Broadhurst T, Coe D, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL  
 SOCIETY Volume: 413 Issue: 3 Pages: 1753-1763 Published: MAY 2011  
 ♦ ESA: Hubble/ACS
357. [Two-dimensional H alpha kinematics of bulgeless disc galaxies](#)  
 Author(s): Neumayer N, Walcher CJ, Andersen D, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL  
 SOCIETY Volume: 413 Issue: 3 Pages: 1875-1888 Published: MAY 2011  
 ♦ CAHA: 3.5m  
 ♦ ESA: Hubble  
 ♦ Otros: 3.5-m WIYN telescope

358. [Pressure from dark matter annihilation and the rotation curve of spiral galaxies](#)  
 Author(s): Wechakama M, Ascasibar Y  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 1991-2003 Published: MAY 2011
- ◆ Teórico/observaciones
  - ◆ **ESA: INTEGRAL**
  - ◆ Otros: Fermi-LAT; HESS
359. [The He-rich stripped-envelope core-collapse supernova 2008ax](#)  
 Author(s): Taubenberger S, Navasardyan H, Maurer JI, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 2140-2156 Published: MAY 2011
- ◆ **ORM: TNG**
  - ◆ **CAHA: 2.2m**
  - ◆ Otros: Asiago 1.82 m and 1.22 m Telescopes (Italy), and the 1.08 m AZT-24 telescope (Campo Imperatore, Italy)
360. [A detailed spectral study of GRB 041219A and its host galaxy](#)  
 Author(s): Götz D, Covino S, Hascoet R, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 2173-2183 Published: MAY 2011
- ◆ **ORM: TNG**
  - ◆ **ESA: INTEGRAL**
  - ◆ Otros: Swift; CFHT; 2MASS catalogue
361. [A 2D multiwavelength study of the ionized gas and stellar population in the giant H II region NGC 588](#)  
 Author(s): Monreal-Ibero A, Relano M, Kehrig C, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 3 Pages: 2242-2258 Published: MAY 2011  
**IAA-CSIC**
- ◆ **CAHA: 3.5m**
  - ◆ Otros: Spitzer
362. [REDSHIFT DETERMINATION AND CO LINE EXCITATION MODELING FOR THE MULTIPLY LENSED GALAXY HLSW-01](#)  
 Author(s): Scott KS, Lupu RE, Aguirre JE, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article Number: 29 Published: MAY 20 2011
- ◆ **ESA: Herschel/SPIRE**
  - ◆ **IRAM: PdBI**
  - ◆ Otros: CSO (Z-Spec), GBT (Zspectrometer), CARMA, SMA,

363. [MASSIVE STARS IN THE CI 1813-178 CLUSTER: AN EPISODE OF MASSIVE STAR FORMATION IN THE W33 COMPLEX](#)  
 Author(s): Messineo M, Davies B, Figer DF, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article  
 Number: 41 Published: MAY 20 2011  
 ♦ ESA: XMM-Newton  
 ♦ Otros: Chandra; Keck; UKIRT
364. [FIVE NEW TRANSIT EPOCHS OF THE EXOPLANET OGLE-TR-111b](#)  
 Author(s): Hoyer S, Rojo P, Lopez-Morales M, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article  
 Number: 53 Published: MAY 20 2011  
 ♦ ESO (Paranal): VLT/FORS1/FORS2
365. [XMM-NEWTON X-RAY AND ULTRAVIOLET OBSERVATIONS OF THE FAST NOVA V2491 Cyg DURING THE SUPERSOFT SOURCE PHASE](#)  
 Author(s): Ness JU, Osborne JP, Dobrotka A, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 733 Issue: 1 Article  
 Number: 70 Published: MAY 20 2011  
 ♦ ESA: XMM-Newton  
 ♦ Otros: AAVSO
366. [NH AND Mg INDEX TRENDS IN ELLIPTICAL GALAXIES](#)  
 Author(s): Serven J, Worthey G, Toloba E, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 6 Article  
 Number: 184 Published: JUN 2011  
 ♦ ORM: WHT/ISIS
367. [Deep Impact, Stardust-NExT and the behavior of Comet 9P/Tempel 1 from 1997](#)  
 Author(s): Meech KJ, Pittichova J, Yang B, et al.  
 Source: ICARUS Volume: 213 Issue: 1 Pages: 323-344 Published: MAY 2011  
 ♦ ORM: WHT; LT; TNG  
 ♦ ESO (La Silla): NTT  
 ♦ ESO (Paranal): VLT  
 ♦ CAHA: 2.2m/CAFOS; 3.5m/LAICA  
 ♦ Otros: BOAO; CFHT; CTIO; JCMT, etc
368. [Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1](#)  
 Author(s): Belton MJS, Meech KJ, Chesley S, et al.  
 Source: ICARUS Volume: 213 Issue: 1 Pages: 345-368 Published: MAY 2011  
 ♦ ORM: WHT; LT  
 ♦ ESO (La Silla): NTT  
 ♦ ESO (Paranal): VLT  
 ♦ ESA: Hubble

- ◆ Otros: Spitzer; McDonald Observatory; IAO; CREST; etc
369. [Two magnetars: SGR 1627-41 and 1E 1547-5408](#)  
 Author(s): Mereghetti S, Tiengo A, Esposito P, et al.  
 Source: ADVANCES IN SPACE RESEARCH Volume: 47 Issue: 8 Pages: 1312-1316 Published: APR 15 2011
- ◆ ESA: XMM-Newton
  - ◆ Otros: Chandra; Swift
370. [Study of the NGC 2770 interstellar medium through H-alpha, millimetric and optical polarimetric data of SN 2008D and SN 2007uy](#)  
 Author(s): Gorosabel J, Postigo AD, Castro-Tirado AJ, et al.  
 Source: ADVANCES IN SPACE RESEARCH Volume: 47 Issue: 8 Pages: 1421-1426 Published: APR 15 2011  
**IAA-CSIC**
- ◆ GTC/OSIRIS
  - ◆ ORM: NOT
  - ◆ CAHA: 2.2m
  - ◆ IRAM: 30m
  - ◆ ESO (Paranal): VLT
371. [The Carina Project. IV. Radial Velocity Distribution](#)  
 Author(s): Fabrizio M, Nonino M, Bono G, et al.  
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 902 Pages: 384-401 Published: APR 2011
- ◆ ESO (Paranal): VLT/FORS2/ GIRAFFE
  - ◆ 2MASS
372. [NGC 1866: a milestone for understanding the chemical evolution of stellar populations in the Large Magellanic Cloud](#)  
 Author(s): Mucciarelli A, Cristallo S, Brocato E, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 2 Pages: 837-851 Published: MAY 2011
- ◆ ESO (Paranal): VLT/FLAMES
373. [ETHOS 1: a high-latitude planetary nebula with jets forged by a post-common-envelope binary central star](#)  
 Author(s): Miszalski B, Corradi RLM, Boffin HMJ, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 2 Pages: 1264-1274 Published: MAY 2011
- ◆ ORM: Mercator; INT
  - ◆ ESO (Paranal): VLT/ FORS
374. [TESTING THE UNIFICATION MODEL FOR ACTIVE GALACTIC NUCLEI IN THE INFRARED: ARE THE OBSCURING TORI OF TYPE 1 AND 2 SEYFERTS DIFFERENT?](#)  
 Author(s): Almeida CR, Levenson NA, Alonso-Herrero A, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 2 Article Number: 92 Published: APR 20 2011



- ◆ ESA: Hubble
  - ◆ Gemini South/MIR
  - ◆ NED database
375. [VARIABILITY AND MULTIWAVELENGTH-DETECTED ACTIVE GALACTIC NUCLEI IN THE GOODS FIELDS](#)  
 Author(s): Sarajedini VL, Koo DC, Klesman AJ, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 2 Article Number: 97 Published: APR 20 2011
- ◆ ESA: Hubble
376. [Which haloes host Herschel-ATLAS galaxies in the local Universe?](#)  
 Author(s): Guo Q, Cole S, Lacey CG, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 4 Pages: 2277-2285 Published: APR 2011
- ◆ ESA: Herschel
  - ◆ ESO (Paranal): VST; VISTA
  - ◆ Otros: SDSS, UKIDSS, ASKAP, GMRT, GALEX; WISE
377. [The Hubble Space Telescope GOODS NICMOS Survey: overview and the evolution of massive galaxies at  \$1.5 < z < 3\$](#)   
 Author(s): Conselice CJ, Bluck AFL, Buitrago F, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 80-100 Published: MAY 2011
- ◆ ESA: Hubble
  - ◆ ESO (Paranal): VLT/ISAAC/SOFI
  - ◆ Otros: CFHT
378. [Evidence of an irradiated accretion disc in XTE J1818-245 star](#)  
 Author(s): Heras JAZ, Chaty S, Bel MC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 235-240 Published: MAY 2011
- ◆ ESO (La Silla): NTT
  - ◆ SDSS
379. [Near-infrared polarimetry as a tool for testing properties of accreting supermassive black holes](#)  
 Author(s): Zamaninasab M, Eckart A, Dovciak M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 322-332 Published: MAY 2011
- ◆ ESO (Paranal): VLT/NACO
380. [The Galactic plane at faint X-ray fluxes - I. Properties and characteristics of the X-ray source population](#)  
 Author(s): Warwick RS, Perez-Ramirez D, Byckling K  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 595-610 Published: MAY 2011
- ◆ ESA: XMM-Newton
  - ◆ 2MASS database

381. [A tale of two GRB-SNe at a common redshift of  \$z = 0.54\$](#)   
 Author(s): Cano Z, Bersier D, Guidorzi C, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 413 Issue: 1 Pages: 669-685 Published: MAY 2011
- ◆ ESA: Hubble
  - ◆ ORM: LT; WHT; INT
  - ◆ Otros: BAT; PROMPT; CTIO; FTS; *Gemini*; Swift ; AMI ; WSRT.....
382. [METHANE IN THE ATMOSPHERE OF THE TRANSITING HOT NEPTUNE GJ436B?](#)  
 Author(s): Beaulieu JP, Tinetti G, Kipping DM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 1 Article Number: 16 Published: APR 10 2011
- ◆ ESA: Hubble
  - ◆ Spitzer
383. [SODIUM-OXYGEN ANTICORRELATION AND NEUTRON-CAPTURE ELEMENTS IN OMEGA CENTAURI STELLAR POPULATIONS](#)  
 Author(s): Marino AF, Milone AP, Piotto G, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 731 Issue: 1 Article Number: 64 Published: APR 10 2011
- ◆ ESO (Paranal): VLT/GIRAFFE/FLAMES
384. [The quasar PG 0844+349 in an X-ray weak state](#)  
 Author(s): Gallo LC, Grupe D, Schartel N, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 1 Pages: 161-170 Published: MAR 2011
- ◆ ESA: XMM-Newton
  - ◆ Otros: Swift; NED database
385. [Galaxy stellar mass functions of different morphological types in clusters, and their evolution between  \$z=0.8\$  and 0](#)  
 Author(s): Vulcani B, Poggianti BM, Aragon-Salamanca A, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 1 Pages: 246-268 Published: MAR 2011
- ◆ ORM: WHT; INT (ambos parte de WINGS)
  - ◆ ESO (Paranal): VLT/FORS2 (parte de EDisCS)
  - ◆ ESO (La Silla): NTT/SOFI (parte de EDisCS)
  - ◆ Wide-field Nearby Galaxy-cluster Survey (WINGS)
  - ◆ ESO Distant Cluster Survey (EDisCS)
  - ◆ Otros: UKIRT; AAT
386. [A photoionization model of the spatial distribution of the optical and mid-infrared properties in NGC 595](#)  
 Author(s): Pérez-Montero E, Relano M, Vilchez JM, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 1 Pages: 675-683 Published: MAR 2011
- ◆ CAHA: 3.5m/PMAS

- ◆ Spitzer
  
- 387.     [Probing the dust formation region in IRC +10216 with the high vibrational states of hydrogen cyanide](#)  
 Author(s): Cernicharo J, Agundez M, Kahane C, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: L3 Published: MAY 2011  
**CAB (CSIC-INTA)**  
 ◆ IRAM: 30m
  
- 388.     [Deuteration as an evolutionary tracer in massive-star formation](#)  
 Author(s): Fontani F, Palau A, Caselli P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: L7 Published: MAY 2011  
 ◆ IRAM: 30m
  
- 389.     [Multi-instrument X-ray monitoring of the January 2009 outburst from the recurrent magnetar candidate 1E 1547.0-5408](#)  
 Author(s): Bernardini F, Israel GL, Stella L, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A19 Published: MAY 2011  
 ◆ ESA: XMM-Newton; INTEGRAL  
 ◆ Otros: Chandra
  
- 390.     [Spectral energy distributions of an AKARI-SDSS-GALEX sample of galaxies](#)  
 Author(s): Buat V, Giovannoli E, Takeuchi TT, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A22 Published: MAY 2011  
 ◆ ESA: AKARI  
 ◆ Otros: Galex; SDSS
  
- 391.     [Optical spectroscopic variability of Herbig Ae/Be stars](#)  
 Author(s): Mendigutía I, Eiroa C, Montesinos B, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A34 Published: MAY 2011  
**CAB (CSIC-INTA)**  
 ◆ ORM: INT
  
- 392.     [A high-resolution three-dimensional model of the solar photosphere derived from Hinode observations](#)  
 Author(s): Socas-Navarro H  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number: A37 Published: MAY 2011  
**IAC/ Univ La Laguna**  
 ◆ ESA: Hinode/SOT

393. [The evolution of M 2-9 from 2000 to 2010](#)  
 Author(s): Corradi RLM, Balick B, Santander-Garcia M  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A43 Published: MAY 2011  
**IAC/ Univ La Laguna**  
 ♦ ORM: NOT/ALFOSC; INT; WHT  
 ♦ ESA: Hubble/ WFPC2
394. [Molecular gas in NUClei of GALaxies \(NUGA\) XV. Molecular gas kinematics in the inner 3 kpc of NGC 6951](#)  
 Author(s): van der Laan TPR, Schinnerer E, Boone F, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A45 Published: MAY 2011  
 ♦ IRAM: 30m; PdBI
395. [The new carbon symbiotic star IPHAS J205836.43+503307.2](#)  
 Author(s): Corradi RLM, Sabin L, Munari U, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A56 Published: MAY 2011  
**IAC/ Univ La Laguna**  
 ♦ ORM: INT; WHT  
 ♦ OT: CST
396. [Study of stellar populations in the bulges of barred galaxies](#)  
 Author(s): Perez I, Sanchez-Blazquez P  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A64 Published: MAY 2011  
**Univ Granada**  
 ♦ ORM: INT  
 ♦ Otros: Siding Spring Observatory; NED database
397. [Gravity and limb-darkening coefficients for the Kepler, CoRoT, Spitzer, uvby, UBVRIJK, and Sloan photometric systems](#)  
 Author(s): Claret A, Bloemen S  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A75 Published: MAY 2011  
**IAA-CSIC**  
 ♦ ESA: CoRoT  
 ♦ Otros: Kepler; Spitzer
398. [AMBER observations of the AGB star RS Capricorni: extended atmosphere and comparison with stellar models](#)  
 Author(s): Marti-Vidal I, Marcaide JM, Quirrenbach A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A115 Published: MAY 2011  
**Univ Valencia**  
 ♦ ESO (Paranal): VLT/AMBER  
 ♦ Otros: SIMBAD database

399. [A Herschel resolved far-infrared dust ring around HD 207129](#)  
 Author(s): Marshall JP, Lohne T, Montesinos B, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A117 Published: MAY 2011  
**UAM**  
 ♦ **ESA: Herschel/PACS/SPIRE; AKARI/IRC**  
 ♦ **ESO: APEX/LABOCA**  
 ♦ Otros: Spitzer; JCMT
400. [Internal dynamics of the galaxy cluster Abell 545 The ideal case where to study the simultaneous formation of a galaxy system and its brightest galaxy](#)  
 Author(s): Barrena R, Girardi M, Boschin W, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 529 Article Number:  
 A128 Published: MAY 2011  
**IAC/ Univ La Laguna**  
 ♦ **ORM: INT; TNG**  
 ♦ **ESA: XMM-Newton**  
 ♦ Otros: NED database
401. [INDEPENDENT DISCOVERY OF THE TRANSITING EXOPLANET HAT-P-14b](#)  
 Author(s): Simpson EK, Barros SCC, Brown DJA, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 5 Article  
 Number: 161 Published: MAY 2011  
 ♦ **ORM: SuperWASP; NOT; WHT; LT**  
 ♦ Otros: FTN; 1.93m OHP
402. [ROTATIONAL PROPERTIES OF JUPITER TROJANS. I. LIGHT CURVES OF 80 OBJECTS](#)  
 Author(s): Mottola S, Di Martino M, Erikson A, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 5 Article  
 Number: 170 Published: MAY 2011  
 ♦ **CAHA: 1.2m**  
 ♦ Otros: ESO, 61 cm Bochum; ESO, 90 cm Dutch; ESO, 1 m; Loiano 1.52 m; etc
403. [Starburst radio galaxies: general properties, evolutionary histories and triggering](#)  
 Author(s): Tadhunter C, Holt J, Delgado RG, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL  
 SOCIETY Volume: 412 Issue: 2 Pages: 960-978 Published: APR 2011  
 ♦ **ESO (Pranal): VLT/FORS1**  
 ♦ **ESO (La Silla): NTT/EMMI; 3.6m/EFOSC**

404. [Herschel-ATLAS: statistical properties of Galactic cirrus in the GAMA-9 Hour Science Demonstration Phase Field](#)  
 Author(s): Bracco A, Cooray A, Veneziani M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 2 Pages: 1151-1161 Published: APR 2011  
 ♦ ESA: Herschel
405. [Chemical abundances in the protoplanetary disc LV 2 \(Orion\): clues to the causes of the abundance anomaly in H ii regions](#)  
 Author(s): Tsamis YG, Walsh JR, Vilchez JM, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 2 Pages: 1367-1380 Published: APR 2011  
**IAA-CSIC**  
 ♦ ESO (Paranal): VLT/FLAMES  
 ♦ ESA: Hubble
406. [Swift follow-up of unidentified X-ray sources in the XMM-Newton Slew Survey](#)  
 Author(s): Starling RLC, Evans PA, Read AM, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 412 Issue: 3 Pages: 1853-1869 Published: APR 2011  
 ♦ ESA: XMM-Newton  
 ♦ ESO (La Silla): NTT/EFOSC2  
 ♦ Otros: Swift
407. [UV-TO-FIR ANALYSIS OF SPITZER/IRAC SOURCES IN THE EXTENDED GROTH STRIP. I. MULTI-WAVELENGTH PHOTOMETRY AND SPECTRAL ENERGY DISTRIBUTIONS](#)  
 Author(s): Barro G, Perez-Gonzalez PG, Gallego J, et al.  
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 193 Issue: 1 DOI: 10.1088/0067-0049/193/1/13 Published: MAR 2011  
**UCM**  
 ♦ ESA: Hubble  
 ♦ CAHA: 3.5m  
 ♦ Otros: GALEX; Chandra; CFHT; MMT; Subaru ; VLA ; Keck; Spitzer
408. [AN INTERFEROMETRIC SPECTRAL-LINE SURVEY OF IRC+10216 IN THE 345 GHz BAND](#)  
 Author(s): Patel NA, Young KH, Gottlieb CA, et al.  
 Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume: 193 Issue: 1 DOI: 10.1088/0067-0049/193/1/17 Published: MAR 2011  
 ♦ IRAM: 30m  
 ♦ Otros: SMA
409. [THE GALACTIC O-STAR SPECTROSCOPIC SURVEY. I. CLASSIFICATION SYSTEM AND BRIGHT NORTHERN STARS IN THE BLUE-VIOLET AT R similar to 2500](#)  
 Author(s): Sota A, Apellaniz JM, Walborn NR, et al.

Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume:  
193 Issue: 2 Article Number: 24 Published: APR 2011

**IAA-CSIC**

- ◆ CAHA: 3.5m; 2.2m
- ◆ ESA: Hubble
- ◆ Otros: OSN 1.5m; LCO 2.5m; DSS2; 2MASS

410. [UV-TO-FIR ANALYSIS OF SPITZER/IRAC SOURCES IN THE EXTENDED GROTH STRIP. II. PHOTOMETRIC REDSHIFTS, STELLAR MASSES, AND STAR FORMATION RATES](#)

Author(s): Barro G, Perez-Gonzalez PG, Gallego J, et al.

Source: ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES Volume:  
193 Issue: 2 Article Number: 30 Published: APR 2011

**UCM**

- ◆ ESA: Hubble
- ◆ CAHA
- ◆ Otros: Galex; Spitzer; MMT; CFHT; Subaru; VLA

411. [GAMMA-RAY EXCESS FROM A STACKED SAMPLE OF HIGH- AND INTERMEDIATE-FREQUENCY PEAKED BLAZARS OBSERVED WITH THE MAGIC TELESCOPE](#)

Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.

Source: ASTROPHYSICAL JOURNAL Volume: 729 Issue: 2 Article  
Number: 115 Published: MAR 10 2011

**IFAE**

- ◆ ORM: MAGIC

412. [CLUSTER MASS PROFILES FROM A BAYESIAN ANALYSIS OF WEAK-LENSING DISTORTION AND MAGNIFICATION MEASUREMENTS: APPLICATIONS TO SUBARU DATA](#)

Author(s): Umetsu K, Broadhurst T, Zitrin A, et al.

Source: ASTROPHYSICAL JOURNAL Volume: 729 Issue: 2 Article  
Number: 127 Published: MAR 10 2011

- ◆ ESA: Hubble
- ◆ Otros: Subaru

413. [THE ACS LCID PROJECT. V. THE STAR FORMATION HISTORY OF THE DWARF GALAXY LGS-3: CLUES TO COSMIC REIONIZATION AND FEEDBACK](#)

Author(s): Hidalgo SL, Aparicio A, Skillman E, et al.

Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article  
Number: 14 Published: MAR 20 2011

**IAC/ Univ La Laguna**

- ◆ ESA: Hubble/ACS
- ◆ Otros: NED database

414. [THE STRUCTURE OF THE ACCRETION DISK IN THE LENSED QUASAR SBS 0909+532](#)  
 Author(s): Mediavilla E, Munoz JA, Kochanek CS, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article  
 Number: 16 Published: MAR 20 2011  
**IAC/ Univ La Laguna**  
 ♦ **ORM: WHT/LIRIS**  
 ♦ **ESA: Hubble/STIS**
415. [THE HST/ACS COMA CLUSTER SURVEY. IV. INTERGALACTIC GLOBULAR CLUSTERS AND THE MASSIVE GLOBULAR CLUSTER SYSTEM AT THE CORE OF THE COMA GALAXY CLUSTER](#)  
 Author(s): Peng EW, Ferguson HC, Goudfrooij P, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article  
 Number: 23 Published: MAR 20 2011  
 ♦ **ESA: Hubble/ACS**
416. [THE MAJORITY OF COMPACT MASSIVE GALAXIES AT z similar to 2 ARE DISK DOMINATED](#)  
 Author(s): Van der Wel A, Rix HW, Wuyts S, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 730 Issue: 1 Article  
 Number: 38 Published: MAR 20 2011  
 ♦ **ESA: Hubble /WFC3**
417. [Warm dust resolved in the cold disk around T Chamaeleontis with VLT/AMBER](#)  
 Author(s): Olofsson J, Benisty M, Augereau JC, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number:  
 L6 Published: APR 2011  
 ♦ **ESO (Paranal): VLT/AMBER**
418. [A companion candidate in the gap of the T Chamaeleontis transitional disk](#)  
 Author(s): Huélamo N, Lacour S, Tuthill P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number:  
 L7 Published: APR 2011  
**CAB (CSIC-INTA)**  
 ♦ **ESO (Paranal): VLT/NACO**
419. [Global e-VLBI observations of the gamma-ray narrow line Seyfert 1 PMN J0948+0022](#)  
 Author(s): Giroletti M, Paragi Z, Bignall H, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number:  
 L11 Published: APR 2011  
 ♦ **YebeS (EVN)**  
 ♦ **Otros. EVN**



420. [Molecules as tracers of galaxy evolution: an EMIR survey I. Presentation of the data and first results](#)  
 Author(s): Costagliola F, Aalto S, Rodriguez MI, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A30 Published: APR 2011  
 ♦ IRAM: 30m
421. [On the nature of faint mid-infrared sources in M33](#)  
 Author(s): Corbelli E, Giovanardi C, Palla F, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A116 Published: APR 2011  
 ♦ IRAM: 30m  
 ♦ Otros: GALEX; Spitzer
422. [Galaxy evolution and star formation efficiency at  \$0.2 < z < 0.6\$](#)   
 Author(s): Combes F, Garcia-Burillo S, Braine J, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 528 Article Number: A124 Published: APR 2011  
 ♦ IRAM: 30m  
 ♦ Otros: NED database
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 Author(s): Iwasawa K, Mazzarella JM, Surace JA, et al.  
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**IEEC-UB**  
 ♦ ESA: Hubble  
 ♦ Otros: Chandra
424. [A massive association around the obscured open cluster RSGC3](#)  
 Author(s): Negueruela I, Gonzalez-Fernandez C, Marco A, et al.  
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**Univ Alicante**  
 ♦ CAHA: 3.5m/TWIN  
 ♦ Otros: 2MASS
425. [Concurrent X-ray, near-infrared, sub-millimeter, and GeV gamma-ray observations of Sagittarius A](#)  
 Author(s): Trap G, Goldwurm A, Dodds-Eden K, et al.  
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 ♦ ESA: XMM-Newton/EPIC  
 ♦ ESO (Paranal): VLT/NACO;  
 ♦ ESO: APEX/LABOCA  
 ♦ Otros: Fermi-LAT

426. [A line-confusion limited millimeter survey of Orion KL II. Silicon-bearing species](#)  
 Author(s): Tercero B, Vincent L, Cernicharo J, et al.  
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**CAB (CSIC-INTA)**  
 ♦ IRAM: 30m
427. [News on two jets in Lupus 3](#)  
 Author(s): Comerón F, Fernández M  
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 ♦ ESO (Paranal): VLT/FORS2
428. [Short period eclipsing binary candidates identified using SuperWASP](#)  
 Author(s): Norton AJ, Payne SG, Evans T, et al.  
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 ♦ ORM: SuperWASP  
 ♦ Otros: SIMBAD database
429. [Monitoring a high-amplitude delta Scuti star for 152 days: discovery of 12 additional modes and modulation effects in the light curve of CoRoT 101155310](#)  
 Author(s): Poretti E, Rainer M, Weiss WW, et al.  
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 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 3.6m/HARPS  
 ♦ Otros: 2MASS
430. [XMM-Newton observations of the low-mass X-ray binary EXO 0748-676 in quiescence](#)  
 Author(s): Trigo MD, Boirin L, Costantini E, et al.  
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 ♦ ESA: XMM-Newton
431. [Mode visibilities in radial velocity and photometric Sun-as-a-star helioseismic observations](#)  
 Author(s): Salabert D, Ballot J, Garcia RA  
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**IAC/ Univ La Laguna**  
 ♦ ESA: SoHO/GOLF/VIRGO

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 Author(s): Sarro LM, Berihuete A  
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**UNED**  
 ♦ **ESA: SoHO**
433. [Transiting exoplanets from the CoRoT space mission XVI. CoRoT-14b: an unusually dense very hot Jupiter](#)  
 Author(s): Tingley B, Endl M, Gazzano JC, et al.  
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**IAC/ Univ La Laguna**  
 ♦ **ESA: CoRoT**  
 ♦ **ESO (La Silla): 3.6m/HARPS**  
 ♦ **OT: IAC-80**  
 ♦ **Otros: Keck/HIRES**
434. [High-contrast observations of \(136108\) Haumea A crystalline water-ice multiple system](#)  
 Author(s): Dumas C, Carry B, Hestroffer D, et al.  
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 ♦ **ESO (Paranal): VLT/SINFONI**
435. [Molecular investigations of comets C/2002 X5 \(Kudo-Fujikawa\), C/2002 V1 \(NEAT\), and C/2006 P1 \(McNaught\) at small heliocentric distances](#)  
 Author(s): Biver N, Bockelee-Morvan D, Colom P, et al.  
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 ♦ **IRAM: 30m**  
 ♦ **Otros: Nançay radio telescopes**
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 Author(s): Oudmaijer RD, van den Ancker ME, Baines D, et al.  
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 ♦ **ESO (Paranal): VLT/X-shooter**
437. [Metallicities of high redshift GRB hosts: The case of GRB 100219A](#)  
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**IAA-CSIC**  
 ♦ **ESO (Paranal): VLT/X-shooter**

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 Author(s): Postigo AD, Thone CC, Goldoni P, et al.  
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 ♦ ESO (Paranal): VLT/X-shooter
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 Author(s): Bettoni D, Kjaergaard P, Milvang-Jensen B, et al.  
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 ♦ ESO (Paranal): VLT/X-shooter
440. [FAR-INFRARED IMAGING OF POST-ASYMPTOTIC GIANT BRANCH STARS AND \(PROTO\)-PLANETARY NEBULAE WITH THE AKARI FAR-INFRARED SURVEYOR](#)  
 Author(s): Cox NLJ, Garcia-Hernandez DA, Garcia-Lario P, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 4 Article Number: 111 Published: APR 2011  
 ♦ ESA: AKARI/ FIS  
 ♦ Otros: SIMBAD database
441. [PROPERTIES OF THE HII REGION POPULATIONS OF M51 AND NGC 4449 FROM H \$\alpha\$  IMAGES WITH THE ADVANCED CAMERA FOR SURVEYS ON THE HUBBLE SPACE TELESCOPE](#)  
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 IAC/ Unv La Laguna/ UNAM  
 ♦ ESA: Hubble
442. [THE 100 Myr STAR FORMATION HISTORY OF NGC 5471 FROM CLUSTER AND RESOLVED STELLAR PHOTOMETRY](#)  
 Author(s): Garcia-Benito R, Perez E, Diaz AI, et al.  
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 UAM/ Peking University,  
 ♦ ESA: Hubble/ WFPC2  
 ♦ ORM: TNG/ ARTICA  
 ♦ Otros: Galex
443. [Water in Star-forming Regions with the Herschel Space Observatory \(WISH\). I. Overview of Key Program and First Results](#)  
 Author(s): van Dishoeck EF, Kristensen LE, Benz AO, et al.  
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 ♦ ESA: Herschel/ HIFI/ PACS

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 Author(s): Prieto CA  
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**IAC/ Unv La Laguna**  
 ♦ Teórico  
 ♦ **ESA: Hubble**
445. [On the source of dense outflows from T Tauri stars - III. Winds driven from the star-disc shear layer](#)  
 Author(s): de Castro AIG, von Rekowski B  
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**UCM**  
 ♦ Teórico  
 ♦ **ESA: Hubble**
446. [The halo and rings of the planetary nebula NGC 40 in the mid-infrared](#)  
 Author(s): Ramos-Larios G, Phillips JP, Cuesta LC  
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 ♦ **ESA: ISO**  
 ♦ Otros: Spitzer
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 Author(s): Castillo-Morales A, Gallego J, Perez-Gallego J, et al.  
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**UCM**  
 ♦ **CAHA: 3.5m**  
 ♦ **ORM: NOT**  
 ♦ **ESA: Hubble**
448. [The ionized gas at the centre of IC 10: a possible localized chemical pollution by Wolf-Rayet stars](#)  
 Author(s): López-Sánchez AR, Mesa-Delgado A, Lopez-Martin L, et al.  
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 ♦ **CAHA: 3.5m/ PMAS**
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 Author(s): Hoyos C, den Brok M, Kleijn GV, et al.  
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 ♦ **ESA: Hubble/ ACS**

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- ◆ ESA: Hubble
  - ◆ ESO (Paranal): VLT/ FORS2
  - ◆ Otros: Swift; Gemini South
451. [SUPERSONIC DOWNFLOWS AT THE UMBRA-PENUMBRA BOUNDARY OF SUNSPOTS](#)  
 Author(s): Louis RE, Rubio LRB, Mathew SK, et al.  
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- ◆ ESA: Hinode/ SOT
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 Author(s): Miyake N, Sumi T, Dong S, et al.  
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- ◆ OT: IAC-80
  - ◆ ORM: LT
  - ◆ Otros: “20 different observatorios”
453. [A STUDY OF GRAVITATIONAL LENS CHROMATICITY USING GROUND-BASED NARROWBAND PHOTOMETRY](#)  
 Author(s): Mosquera AM, Munoz JA, Mediavilla E, et al.  
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 UV
- ◆ ORM: NOT/ ALFOOSC; LT
454. [MEASURING Be DEPLETION IN COOL STARS WITH EXOPLANETS](#)  
 Author(s): Mena ED, Israelian G, Hernandez JIG, et al.  
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 IAC/ Unv La Laguna
- ◆ ESO (Paranal): VLT/ UVES
  - ◆ Otros: SIMBAD database
455. [Shocked water in the Cepheus E protostellar outflow](#)  
 Author(s): Lefloch B, Cernicharo J, Pacheco S, et al.  
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 CAB (CSIC-INTA)
- ◆ IRAM: 30m

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 Author(s): Rodriguez JD, Socas-Navarro H  
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 L8 Published: MAR 2011  
 ♦ ORM: SST  
 ♦ Otros: Dunn Solar Telescope
457. [The JCMT Nearby Galaxies Legacy Survey VI. The distribution of gas and star formation in M81](#)  
 Author(s): Sanchez-Gallego JR, Knapen JH, Heiner JS, et al.  
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**IAC/ Unv La Laguna**  
 ♦ ORM: INT  
 ♦ Otros: JCMT; Spitzer; NED database
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 Author(s): Masegosa J, Marquez I, Ramirez A, et al.  
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 ♦ ESA: Hubble  
 ♦ Otros: NED database
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 Author(s): Lazorenko PF, Sahlmann J, Segransan D, et al.  
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 ♦ ESO (Paranal): VLT/ FORS2
460. [Different evolutionary stages in the massive star-forming region S255 complex](#)  
 Author(s): Wang Y, Beuther H, Bik A, et al.  
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 ♦ IRAM: 30m  
 ♦ ESO (Paranal): VLT/ SINFONI  
 ♦ Otros: SMA
461. [Photometric and spectroscopic observations of asteroid \(21\) Lutetia three months before the Rosetta fly-by](#)  
 Author(s): de León J, Duffard R, Lara LM, et al.  
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 A42 Published: MAR 2011  
**IAA-CSIC**  
 ♦ CAHA: 2.2m/BUSCA/CAFOS  
 ♦ ORM: TNG/NICS

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 Author(s): Bellazzini M, Beccari G, Oosterloo TA, et al.  
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- ◆ ORM: TNG
  - ◆ Otros: Large Binocular Telescope (LBT); Westerbork Synthesis Radio Telescope (WSRT); SDSS
463. [The magnitude difference between the main sequence turn off and the red giant branch bump in Galactic globular clusters](#)  
 Author(s): Cassisi S, Marin-Franch A, Salaris M, et al.  
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- ◆ ESA: Hubble/ACS
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 Author(s): Rodriguez-Zaurin J, Arribas S, Monreal-Ibero A, et al.  
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- IEM-CSIC**
- ◆ ESO (Paranal): VLT/VIMOS
  - ◆ Otros: Oschin Schmidt Telescope on Palomar Mountain; UK Schmidt Telescope; NED database
465. [XMM-Newton observation of the enigmatic object WR 46](#)  
 Author(s): Gosset E, De Becker M, Naze Y, et al.  
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- ◆ ESA: XMM-Newton
  - ◆ ESO (La Silla): MPG 2.2m/FEROS
466. [Gran Telescopio Canarias OSIRIS transiting exoplanet atmospheric survey: detection of potassium in XO-2b from narrowband spectrophotometry](#)  
 Author(s): Sing DK, Desert JM, Fortney JJ, et al.  
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- ◆ GTC/OSIRIS
467. [Star formation in the outer Galaxy: membership and fundamental parameters of the young open cluster NGC 1893](#)  
 Author(s): Prisinzano L, Sanz-Forcada J, Micela G, et al.  
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- ◆ ORM: TNG/DOLORES/NICS
  - ◆ CAHA: 2.2m/CAFOS



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 Author(s): Casasola V, Hunt LK, Combes F, et al.  
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- ◆ IRAM: PdBI; 30m
  - ◆ ESA: Hubble/NIC
  - ◆ Otros: NED database; Spitzer; Galex
469. [The spectroscopic evolution of the symbiotic-like recurrent nova V407 Cygni during its 2010 outburst](#)  
 Author(s): Shore SN, Wahlgren GM, Augusteijn T, et al.  
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- ◆ ESA: Herschel
470. [Galactic cold cores II. Herschel study of the extended dust emission around the first Planck detections](#)  
 Author(s): Juvela M, Ristorcelli I, Pelkonen VM, et al.  
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- ◆ ESA: Herschel; Planck
471. [67P/Churyumov-Gerasimenko at large heliocentric distance](#)  
 Author(s): Tubiana C, Bohnhardt H, Agarwal J, et al.  
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- ◆ ESO (Paranal): VLT/FORS2
472. [Cross-correlation of the 2XMMi catalogue with Data Release 7 of the Sloan Digital Sky Survey](#)  
 Author(s): Pineau FX, Motch C, Carrera F, et al.  
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- ◆ ESA: XMM-Newton (catalogue)
  - ◆ Otros: SDSS; NED database
473. [The XMM-Newton survey of the Small Magellanic Cloud: discovery of the 11.866 s Be/X-ray binary pulsar XMMU J004814.0-732204 \(SXP11.87\)](#)  
 Author(s): Sturm R, Haberl F, Coe MJ, et al.  
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- ◆ ESA: XMM-Newton
  - ◆ Otros: 1.9m telescope of the South African Astronomical Observatory; Faulkes Telescope South (FTS)

474. [The outburst and nature of two young eruptive stars in the North America/Pelican Nebula Complex \(Research Note\)](#)  
 Author(s): Kospal A, Abraham P, Acosta-Pulido JA, et al.  
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- ◆ OT: TCS; IAC-80
  - ◆ Otros: Konkoly Schmidt telescope; UKIRT; 2MASS
475. [Suzaku observation of the LINER NGC4102](#)  
 Author(s): González-Martín O, Papadakis I, Braito V, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 527 Article Number: A142 Published: MAR 2011
- ◆ ESA: Suzaku
  - ◆ CAHA: 3.5m/TWIN
  - ◆ ORM: WHT/LIRIS
  - ◆ Otros: Chandra; Swift
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 Author(s): Aguerri JAL, Girardi M, Boschin W, et al.  
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- IAC/ Unv La Laguna**
- ◆ ORM: NOT/ALFOSC; TNG/DOLORES; WHT/LIRIS
477. [Photospheric and coronal abundances in solar-type stars: the peculiar case of tau Bootis](#)  
 Author(s): Maggio A, Sanz-Forcada J, Scelsi L  
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- ◆ ESA: XMM-Newton
478. [SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST](#)  
 Author(s): Acciari VA, Arlen T, Aune T, et al.  
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- ◆ ORM: MAGIC
  - ◆ ESA: Suzaku
  - ◆ Otros: VERITAS; Fermi-LAT
479. [A DETECTION OF AN X-RAY WIND AND AN IONIZED DISK IN THE CHANDRA HETGS OBSERVATION OF THE SEYFERT 2 GALAXY IRAS 18325-5926](#)  
 Author(s): Mocz P, Lee JC, Iwasawa K, et al.  
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- ◆ ESA: XMM-Newton

- ◆ Otros: Chandra
480. [IRAS 17423-1755 \(HEN 3-1475\) REVISITED: AN O-RICH HIGH-MASS POST-ASYMPTOTIC GIANT BRANCH STAR](#)  
 Author(s): Manteiga M, Garcia-Hernandez DA, Ulla A, et al.  
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**Unv da Coruña**
- ◆ **ESA: ISO**
  - ◆ Otros: Spitzer
481. [A NEW CENSUS OF THE VARIABLE STAR POPULATION IN THE GLOBULAR CLUSTER NGC 2419](#)  
 Author(s): Di Criscienzo M, Greco C, Ripepi V, et al.  
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- ◆ **ORM: TNG/DOLORES**
  - ◆ **ESA: Hubble/ WFPC2**
  - ◆ Otros: Subaru
482. [HERSCHEL/HIFI OBSERVATIONS OF IRC+10216: WATER VAPOR IN THE INNER ENVELOPE OF A CARBON-RICH ASYMPTOTIC GIANT BRANCH STAR](#)  
 Author(s): Neufeld DA, Gonzalez-Alfonso E, Melnick GJ, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 727 Issue: 2  
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- ◆ **ESA: Herschel**
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 Author(s): Neufeld DA, Gonzalez-Alfonso E, Melnick G, et al.  
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- ◆ **ESA: Herschel/HIFI**
484. [WHEN A STANDARD CANDLE FLICKERS](#)  
 Author(s): Wilson-Hodge CA, Cherry ML, Case GL, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 727 Issue: 2  
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- ◆ **ESA: INTEGRAL**
  - ◆ Otros: Swift; RXTE

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Author(s): Danielson ALR, Swinbank AM, Smail I, et al.  
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- ◆ IRAM: 30m; PdBI
  - ◆ ESO: APEX
  - ◆ Otros: SMA
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- ◆ ESA: Hubble/ACS
  - ◆ Otros: Subaru
487. [Dynamics of Jupiter's equatorial region at cloud top level from Cassini and HST images](#)  
Author(s): García-Melendo E, Arregi J, Rojas JF, et al.  
Source: ICARUS Volume: 211 Issue: 2 Pages: 1242-1257 Published: FEB 2011
- ◆ ESA: Cassini; Hubble
488. [A systematic cross-search for radio/infrared counterparts of XMM-Newton sources](#)  
Author(s): Combi JA, Colombo JFA, Pellizza L, et al.  
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- ◆ ESA: XMM-Newton
  - ◆ Otros: NVSS; SUMSS; SIMBAD and NED databases
489. [A LIGHT-CURVE MODEL OF THE SYMBIOTIC NOVA PU Vul \(1979\): A VERY QUIET EXPLOSION WITH LONG-LASTING FLAT PEAK](#)  
Author(s): Kato M, Hachisu I, Cassatella A, et al.  
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- ◆ ESA: IUE (International Ultraviolet Explorer)
490. [MULTI-WAVELENGTH PROBES OF OBSCURATION TOWARD THE NARROW-LINE REGION IN SEYFERT GALAXIES](#)  
Author(s): Kraemer SB, Schmitt HR, Crenshaw DM, et al.  
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- ◆ ESA: Hubble; XMM-Newton
  - ◆ Otros: Chandra; Swift

491. [High time resolution optical/X-ray cross-correlations for X-ray binaries: anticorrelations and rapid variability](#)  
 Author(s): Durant M, Shahbaz T, Gandhi P, et al.  
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**IAC**  
 ♦ ESO (Paranal): VLT/ULTRACAM  
 ♦ ORM: WHT/ ULTRACAM  
 ♦ Otros: RXTE
492. [Extragalactic background light inferred from AEGIS galaxy-SED-type fractions](#)  
 Author(s): Dominguez A, Primack JR, Rosario DJ, et al.  
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**Univ Sevilla/IAA-CSIC**  
 ♦ ESA: Hubble  
 ♦ Otros: AEGIS (*Chandra*, *GALEX*, Hubble, Keck, CFHT, MMT, Subaru, Palomar, *Spitzer*, VLA)
493. [The ultraviolet upturn in brightest cluster galaxies](#)  
 Author(s): Loubser SI, Sanchez-Blazquez P  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 4 Pages: 2679-2689 Published: FEB 2011  
 ♦ ORM: WHT  
 ♦ Otros: GALEX; Gemini
494. [The most recent burst of star formation in the massive elliptical galaxy NGC 1052](#)  
 Author(s): Fernández-Ontiveros JA, Lopez-Sanjuan C, Montes M, et al.  
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**IAA-CSIC**  
 ♦ ESO (Paranal): VLT  
 ♦ ESA: Hubble
495. [A strong and broad Fe line in the XMM-Newton spectrum of the new X-ray transient and black hole candidate XTEJ1652-453](#)  
 Author(s): Hiemstra B, Mendez M, Done C, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 411 Issue: 1 Pages: 137-150 Published: FEB 2011  
 ♦ ESA: XMM-Newton  
 ♦ Otros. RXTE

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 Author(s): Gallo LC, Miniutti G, Miller JM, et al.  
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 ♦ ESA: XMM-Newton; Suzaku  
 ♦ Otros: RXTE
497. [The atmospheric influence, size and possible asteroidal nature of the July 2009 Jupiter impactor](#)  
 Author(s): Orton GS, Fletcher LN, Lisse CM, et al.  
 Source: ICARUS Volume: 211 Issue: 1 Pages: 587-602 Published: JAN 2011  
 ♦ ESO (Paranal): VLT/NACO/VISIR  
 ♦ Otros: Gemini; IRTF
498. [SPITZER IMAGING OF HERSCHEL-ATLAS GRAVITATIONALLY LENSED SUBMILLIMETER SOURCES](#)  
 Author(s): Hopwood R, Wardlow J, Cooray A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 728 Issue: 1 Article Number: L4 Published: FEB 10 2011  
 ♦ ESA: Herschel  
 ♦ Otros: Spitzer
499. [FAR-INFRARED LINE DEFICITS IN GALAXIES WITH EXTREME L-FIR/M-H2 RATIOS](#)  
 Author(s): Graciá-Carpio J, Sturm E, Hailey-Dunsheath S, et al.  
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 ♦ ESA: Herschel; ISO  
 ♦ Otros: IRAS
500. [The XMM Deep survey in the CDF-S I. First results on heavily obscured AGN](#)  
 Author(s): Comastri A, Ranalli P, Iwasawa K, et al.  
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 ♦ ESA: XMM-Newton
501. [The XMM-LSS survey: optical assessment and properties of different X-ray selected cluster classes](#)  
 Author(s): Adami C, Mazure A, Pierre M, et al.  
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 ♦ ORM: TNG/DOLORES  
 ♦ ESO (Paranal): VLT/FORS2  
 ♦ ESO (La Silla): NTT/EMMI  
 ♦ Otros: CFHT

502. [XMM-Newton investigations of the Lambda Orionis star-forming region \(XILO\)](#)  
 Author(s): Barrado D, Stelzer B, Morales-Calderon M, et al.  
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**CAHA (CSIC-MPG)/CAB (CSIC-INTA)**  
 ♦ **ESA: XMM-Newton**  
 ♦ **CAHA: 3.5m/Omega2000**  
 ♦ **Otros: CFHT; Spitzer; 2MASS**
503. [NTT and NOT spectroscopy of SDSS-II supernovae](#)  
 Author(s): Östman L, Nordin J, Goobar A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A28 Published: FEB 2011  
**IFAE/ Stockholm Univ**  
 ♦ **ORM: NOT/ALFOSC**  
 ♦ **ESO (La Silla): NTT/EMMI**
504. [The X-ray spectral signatures from the complex circumnuclear regions in the Compton thick AGN NGC 424](#)  
 Author(s): Marinucci A, Bianchi S, Matt G, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A36 Published: FEB 2011  
 ♦ **ESA: XMM-Newton**
505. [Massive unseen companions to hot faint underluminous stars from SDSS \(MUCHFUSS\) Analysis of seven close subdwarf B binaries](#)  
 Author(s): Geier S, Maxted PFL, Napiwotzki R, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A39 Published: FEB 2011  
 ♦ **ESO (La Silla): NTT/EFOSC2**  
 ♦ **ORM: INT/IDS; WHT/ISIS**  
 ♦ **CAHA: 3.5m/TWIN**  
 ♦ **Otros: Gemini; SOAR telescope**
506. [WINGS-SPE II: A catalog of stellar ages and star formation histories, stellar masses and dust extinction values for local clusters galaxies](#)  
 Author(s): Fritz J, Poggianti BM, Cava A, et al.  
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 ♦ **ORM: WHT**  
 ♦ **Otros: AAT**
507. [Mapping photodissociation and shocks in the vicinity of Sagittarius A\\*](#)  
 Author(s): Amo-Baladrón MA, Martín-Pintado J, Martín S  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A54 Published: FEB 2011  
**CAB (CSIC-INTA)**

- ◆ IRAM: 30m
  
- 508.     [Adaptive optics observations of the T10 ultracool dwarf UGPS J072227.51-054031.2 \(Research Note\)](#)  
 Author(s): Bouy H, Girard JHV, Martin EL, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A55 Published: FEB 2011  
**CAB (CSIC-INTA)**
- ◆ ESO (Paranal): VLT/NACO
  
- 509.     [Detecting photons with orbital angular momentum in extended astronomical objects: application to solar observations](#)  
 Author(s): Uribe-Patarroyo N, Alvarez-Herrero A, Ariste AL, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A56 Published: FEB 2011  
**LINES**
- ◆ OT: THEMIS
  
- 510.     [Interpretation of HINODE SOT/SP asymmetric Stokes profiles observed in the quiet Sun network and internetwork](#)  
 Author(s): Viticchie B, Almeida JS, Del Moro D, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A60 Published: FEB 2011
- ◆ ESA: Hinode/SOT/SP
  
- 511.     [Detecting emission lines with XMM-Newton in 4U 1538-52](#)  
 Author(s): Rodes-Roca JJ, Page KL, Torrejon JM, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A64 Published: FEB 2011  
**Univ Alicante**
- ◆ ESA: XMM-Newton
  
- 512.     [Methanol and water masers in IRAS 20126+4104: the distance, the disk, and the jet](#)  
 Author(s): Moscadelli L, Cesaroni R, Rioja MJ, et al.  
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- ◆ Yebes (EVN)
- ◆ Otros: VLBI
  
- 513.     [Evolution of the fundamental plane of  \$0.2 < z < 1.2\$  early-type galaxies in the EGS](#)  
 Author(s): Lorenzo MF, Cepa J, Bongiovanni A, et al.  
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**IAC/ Unv La Laguna**
- ◆ ESA: Hubble
- ◆ Otros: CFHT; Keck; GALEX; Chandra; VLA



514. [Spectroscopic characterization of a sample of metal-poor solar-type stars from the HARPS planet search program Precise spectroscopic parameters and mass estimation](#)  
 Author(s): Sousa SG, Santos NC, Israelian G, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A99  
**IAC**  
 ♦ ESO (La Silla): 3.6m/HARPS
515. [Formation and evolution of dwarf early-type galaxies in the Virgo cluster I. Internal kinematics](#)  
 Author(s): Toloba E, Boselli A, Cenarro AJ, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A114 Published: FEB 2011  
**UCM**  
 ♦ ORM: WHT/ISIS; INT/IDS
516. [Spectral properties of type Ia supernovae up to z similar to 0.3](#)  
 Author(s): Nordin J, Ostman L, Goobar A, et al.  
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 ♦ ESO (La Silla): NTT/EMMI  
 ♦ ORM: NOT
517. [High-contrast optical imaging of companions: the case of the brown dwarf binary HD 130948BC](#)  
 Author(s): Labadie L, Rebolo R, Villo I, et al.  
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**IAC/ Unv La Laguna**  
 ♦ ORM: NOT/FastCam  
 ♦ OT: IAC80/CAMELOT  
 ♦ Otros: SIMBAD database
518. [MESS \(Mass-loss of Evolved StarS\), a Herschel key program](#)  
 Author(s): Groenewegen MAT, Waelkens C, Barlow MJ, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 526 Article Number: A162 Published: FEB 2011  
 ♦ ESA: Herschel; AKARI
519. [Statistical structure of the atmospheric optical turbulence at Teide Observatory from recalibrated generalized SCIDAR data](#)  
 Author(s): García-Lorenzo B, Fuensalida JJ  
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**IAC/ Unv La Laguna**  
 ♦ OT: TCS

520. [The Necklace: equatorial and polar outflows from the binary central star of the new planetary nebula IPHASX J194359.5+170901](#)  
 Author(s): Corradi RLM, Sabin L, Miszalski B, et al.  
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**IAC/ Unv La Laguna**  
 ♦ ORM: NOT/ALFOSC; WHT/ISIS; INT; Mercator  
 ♦ OT: IAC80/CAMELOT
521. [THE BULK OF THE BLACK HOLE GROWTH SINCE  \$z\$  similar to 1 OCCURS IN A SECULAR UNIVERSE: NO MAJOR MERGER-AGN CONNECTION](#)  
 Author(s): Cisternas M, Jahnke K, Inskip KJ, et al.  
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 ♦ ESA: Hubble/ACS; XMM-Newton  
 ♦ ESO (Paranal): VLT/VIMOS  
 ♦ Otros: Subaru; CXO
522. [OBSERVATIONS OF THE BLAZAR 3C 66A WITH THE MAGIC TELESCOPES IN STEREOSCOPIC MODE](#)  
 Author(s): Aleksic J, Antonelli LA, Antoranz P, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 726 Issue: 2 Article Number: 58 Published: JAN 10 2011  
**IFAE**  
 ♦ ORM: MAGIC
523. [EVOLUTION OF BRIGHTEST CLUSTER GALAXY STRUCTURAL PARAMETERS IN THE LAST similar to 6 Gyr: FEEDBACK PROCESSES VERSUS MERGER EVENTS](#)  
 Author(s): Ascaso B, Aguerri JAL, Varela J, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 726 Issue: 2 Article Number: 69 Published: JAN 10 2011  
 ♦ ESA: Hubble/ACS  
 ♦ ESO: (La Silla): MPG 2.2m  
 ♦ ORM: INT
524. [Puzzling thermonuclear burst behaviour from the transient low-mass X-ray binary IGR J17473-2721](#)  
 Author(s): Chenevez J, Altamirano D, Galloway DK, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 1 Pages: 179-189 Published: JAN 1 2011  
 ♦ ESA: INTEGRAL  
 ♦ Otros: RXTE; Swift; AGILE
525. [Pre-main-sequence stars in the star-forming complex Sh 2-284](#)  
 Author(s): Cusano F, Ripepi V, Alcalá JM, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 410 Issue: 1 Pages: 227-240 Published: JAN 1 2011

- ◆ ESO (Paranal): VLT/VIMOS
  - ◆ Otros: AAT 3.9-m telescope; LO 1.5-m telescope; SIMBAD database
526. [PPAK Wide-field Integral Field Spectroscopy of NGC 628-I. The largest spectroscopic mosaic on a single galaxy](#)  
 Author(s): Sanchez SF, Rosales-Ortega FF, Kennicutt RC, et al.  
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**CAHA (CSIC-MPG)**
- ◆ CAHA: 3.5m/PMAS
527. [High-resolution mapping of the physical conditions in two nearby active galaxies based on \(CO\)-C-12\(1-0\), \(2-1\), and \(3-2\) lines](#)  
 Author(s): Boone F, Garcia-Burillo S, Combes F, et al.  
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- ◆ IRAM: PdBI
  - ◆ Otros: SMA
528. [Large-amplitude photometric variability of the candidate protoplanet TMR-1C](#)  
 Author(s): Riaz B, Martin EL  
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- ◆ ESA: Hubble//NICMOS
  - ◆ Otros: 3.6 m telescope CFHT
529. [CS, HC3N, and CH3CCH multi-line analyses toward starburst galaxies The evolution of cloud structures in the central regions of galaxies](#)  
 Author(s): Aladro R, Martin-Pintado J, Martin S, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A89 Published: JAN 2011  
**IRAM**
- ◆ IRAM: 30m
  - ◆ Otros: JCMT
530. [The gamma Doradus CoRoT target HD 49434 II. Frequency analysis of the CoRoT data](#)  
 Author(s): Chapellier E, Rodriguez E, Auvergne M, et al.  
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- ◆ ESA: CoRoT
531. [IPHAS extinction distances to planetary nebulae](#)  
 Author(s): Giammanco C, Sale SE, Corradi RLM, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A58 Published: JAN 2011  
**IAC**
- ◆ ORM: INT

- ◆ Otros: 1.52 m ESO telescope; 1.93 m OHP telescope
532.        [Constraints on the exosphere of CoRoT-7b](#)  
 Author(s): Guenther EW, Cabrera J, Erikson A, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:  
 A24 Published: JAN 2011
- ◆ ESO (Paranal): VLT/UVES
533.        [Spectrophotometric redshifts A new approach to the reduction of noisy spectra and its application to GRB 090423](#)  
 Author(s): Stefanon M, Fernandez-Soto A, Fugazza D  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:  
 A75 Published: JAN 2011  
**Univ Valencia**
- ◆ Teórico + observaciones
  - ◆ ORM: TNG
  - ◆ Otros: 2MASS; SDSS
534.        [The instrumental polarization of the Nasmyth focus polarimetric differential imager NAOS/CONICA \(NACO\) at the VLT](#)  
 Author(s): Witzel G, Eckart A, Buchholz RM, et al.  
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 A130 Published: JAN 2011
- ◆ Teórico + observaciones
  - ◆ ESO (Paranal): VLT/NACO
535.        [INTEGRAL, Swift, and RXTE observations of the 518 Hz accreting transient pulsar Swift J1749.4-2807](#)  
 Author(s): Ferrigno C, Bozzo E, Falanga M, et al.  
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 A48 Published: JAN 2011
- ◆ ESA: INTEGRAL
  - ◆ Otros: RXTE; Swift
536.        [Transiting exoplanets from the CoRoT space mission XV. CoRoT-15b: a brown-dwarf transiting companion](#)  
 Author(s): Bouchy F, Deleuil M, Guillot T, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:  
 A68 Published: JAN 2011
- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 3.6m/HARPS
  - ◆ Otros: 10m Keck/HIRES
537.        [Resolving the L/T transition binary SDSS J2052-1609 AB](#)  
 Author(s): Stumpf MB, Geissler K, Bouy H, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number:  
 A123 Published: JAN 2011
- ◆ ESO (Paranal): VLT/NACO
  - ◆ ESA: Hubble/NICMOS

- ◆ Otros: 2MASS
  
- 538.     [An uncombed inversion of multiwavelength observations reproducing the net circular polarization in a sunspot's penumbra](#)  
 Author(s): Beck C  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A133 Published: JAN 2011  
**IAC/ Unv La Laguna**
  - ◆ OT: VTT
  
- 539.     [67P/Churyumov-Gerasimenko activity evolution during its last perihelion before the Rosetta encounter](#)  
 Author(s): Lara LM, Lin ZY, Rodrigo R, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A36 Published: JAN 2011  
**IAA-CSIC**
  - ◆ CAHA: 2.2m/CAFOS
  - ◆ Otros: 1-m telescope of the Lulin Optical Observatory
  
- 540.     [Cross-calibration of the X-ray instruments onboard the Chandra, INTEGRAL, RXTE, Suzaku, Swift, and XMM-Newton observatories using G21.5-0.9](#)  
 Author(s): Tsujimoto M, Guainazzi M, Plucinsky PP, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A25 Published: JAN 2011
  - ◆ ESA: Suzaku; XMM-Newton; INTEGRAL
  - ◆ Otros: Chandra/ACIS, Swift/XRT, IRXTE/ PCA
  
- 541.     [WASP-38b: a transiting exoplanet in an eccentric, 6.87d period orbit](#)  
 Author(s): Barros SCC, Faedi F, Cameron AC, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 525 Article Number: A54 Published: JAN 2011
  - ◆ ORM: SuperWASP-North; NOT/FIES; LT/RISE
  - ◆ Otros: 1.2 m Swiss Euler (La Silla); 1.93 m (OHP)
  
- 542.     [WASP-37b: A 1.8 M-J EXOPLANET TRANSITING A METAL-POOR STAR](#)  
 Author(s): Simpson EK, Faedi F, Barros SCC, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 1 Article Number: 8 Published: JAN 2011
  - ◆ ORM: SuperWASP-North; LT/RISE
  - ◆ Otros: Super Wasp-S; OHP; 1.2m La Silla

543. [PERIOD CHANGE SIMILARITIES AMONG THE RR LYRAE VARIABLES IN OOSTERHOFF I AND OOSTERHOFF II GLOBULAR SYSTEMS](#)  
 Author(s): Kunder A, Walker A, Stetson PB, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 141 Issue: 1 Article Number: 15 Published: JAN 2011
- ◆ ESO (La Silla): NTT
  - ◆ Otros: Magellan/Baade 6.5 m, CTIO Blanco 4 m, , CTIO 1.5m, and CTIO 0.9 m
544. [LOCATION OF gamma-RAY FLARE EMISSION IN THE JET OF THE BL LACERTAE OBJECT OJ287 MORE THAN 14 pc FROM THE CENTRAL ENGINE](#)  
 Author(s): Agudo I, Jorstad SG, Marscher AP, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 726 Issue: 1 Article Number: L13 Published: JAN 1 2011
- ◆ IRAM: 30m
  - ◆ CAHA: 2.2m
  - ◆ Otros: VLBA; Steward (2.3 and 1.54 m telescopes17); Lowell (1.83 m Perkins Telescope); St. Petersburg State University (0.4 m telescope); Crimean Astrophysical (0.7 m telescope) observatories
545. [The long-lasting activity of 3C 454.3 GASP-WEBT and satellite observations in 2008-2010](#)  
 Author(s): Raiteri, C. M.; Villata, M.; Aller, M. F.; et al.  
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- ◆ ORM: KVA
  - ◆ OT: BRT
  - ◆ CAHA: 2.2m
  - ◆ Otros: Swift; GASP-WEBT (Abastumani, Calar Alto, Crimean, Galaxy View, Goddard (GRT), Kitt Peak (MDM), Lowell (Perkins), Lulin, New Mexico Skies, Roque de los Muchachos (KVA), Sabadell, San Pedro Martir, St. Petersburg, Talmassons, Teide (BRT), Tjarafe, and Valle d'Aosta); VLA; MOJAVE database
546. [A new comprehensive 2D model of the point spread functions of the XMM-Newton EPIC telescopes: spurious source suppression and improved positional accuracy](#)  
 Author(s): Read, A. M.; Rosen, S. R.; Saxton, R. D.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A34 DOI: 10.1051/0004-6361/201117525 Published: OCT 2011
- ◆ ESA: XMM-Newton

547. [CoRoT LRA02\\_E2\\_0121: Neptune-size planet candidate turns into a hierarchical triple system with a giant primary](#)  
 Author(s): Tal-Or, L.; Santerne, A.; Mazeh, T.; et al.  
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 ♦ ESO (Paranal): VLT  
 ♦ ESO (La Silla): 3.6m  
 ♦ Otros: OHP; McDonald Observatory
548. [On the origin of the gamma-ray emission from the flaring blazar PKS 1222+216](#)  
 Author(s): Tavecchio, F.; Becerra-Gonzalez, J.; Ghisellini, G.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A86 DOI: 10.1051/0004-6361/201117204 Published: OCT 2011  
 ♦ ORM: MAGIC  
 ♦ Otros: Swift(UVOT and XRT), Fermi/LAT,
549. [The unusual protoplanetary disk around the T Tauri star ET Chamaeleontis](#)  
 Author(s): Woitke, P.; Riaz, B.; Duchene, G.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A44 DOI: 10.1051/0004-6361/201116684 Published: OCT 2011  
 ♦ ESA: Herschel; Hubble  
 ♦ ESO (Paranal): VLT/ISAAC  
 ♦ ESO: APEX/LABOCA  
 ♦ Otros: Spitzer; CTIO; IRAS; 2MASS
550. [AKARI/IRC Broadband Mid-Infrared Data as an Indicator of the Star-Formation Rate](#)  
 Author(s): Yuan Fang-Ting; Takeuchi Tsutomu T.; Buat Veronique; et al.  
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN Volume: 63 Issue: 6 Pages: 1207-1217 Published: 2011  
 ♦ ESA: AKARI  
 ♦ Otros: Galex; SDSS; 2MASS
551. [Cross Spectral Calibration of Suzaku, XMM-Newton, and Chandra with PKS 2155-304 as an Activity of IACHEC](#)  
 Author(s): Ishida Manabu; Tsujimoto Masahiro; Kohmura Takayoshi; et al.  
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN Volume: 63 Special Issue: 3 Pages: S657-S668 Published: 2011 (1,117)  
 ♦ ESA: Suzaku; XMM-Newton  
 ♦ Otros: Chandra

552. [X-Ray Study of Rekindled Accretion in the Classical Nova V2491 Cygni](#)  
 Author(s): Takei Dai; Ness Jan-Uwe; Tsujimoto Masahiro; et al.  
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 ♦ ESA: Suzaku; XMM-Newton  
 ♦ Otros: Swift
553. [The unusual gamma-ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33](#)  
 Author(s): Thoene, C. C.; Postigo, A. de Ugarte; Fryer, C. L.; et al.  
 Source: NATURE Volume: 480 Issue: 7375 Pages: 72-74 DOI: 10.1038/nature10611 Published: DEC 1 2011  
 IAA-CSIC  
 ♦ CAHA: ¿?  
 ♦ GTC  
 ♦ ORM: LT  
 ♦ Otros: McDonald Observatory; Gemini-North; Keck
554. [Ocean-like water in the Jupiter-family comet 103P/Hartley 2](#)  
 Author(s): Hartogh, Paul; Lis, Dariusz C.; Bockelee-Morvan, Dominique; et al.  
 Source: NATURE Volume: 478 Issue: 7368 Pages: 218-220 DOI: 10.1038/nature10519 Published: OCT 13 2011  
 ♦ ESA: Herschel
555. [The excitation of solar-like oscillations in a delta Sct star by efficient envelope convection](#)  
 Author(s): Antoci, V.; Handler, G.; Campante, T. L.; et al.  
 Source: NATURE Volume: 477 Issue: 7366 Pages: 570-573 DOI: 10.1038/nature10389 Published: SEP 29 2011  
 ♦ ESA: SoHO  
 ♦ ORM: NOT  
 ♦ Otros: Kepler
556. [Deep winds beneath Saturn's upper clouds from a seasonal long-lived planetary-scale storm](#)  
 Author(s): Sanchez-Lavega, A.; del Rio-Gaztelurrutia, T.; Hueso, R.; et al.  
 Group Author(s): Int Outer Planet Watch Team  
 Source: NATURE Volume: 475 Issue: 7354 Pages: 71-74 DOI: 10.1038/nature10203 Published: JUL 7 2011  
 UPV  
 ♦ CAHA: 2.2m  
 ♦ Otros: 1-m telescope at Pic-du-Midi Observatory



557. [Submillimetre galaxies reside in dark matter haloes with masses greater than  \$3 \times 10^{11}\$  solar masses](#)  
 Author(s): Amblard, Alexandre; Cooray, Asantha; Serra, Paolo; et al.  
 Source: NATURE Volume: 470 Issue: 7335 Pages: 510-512 DOI: 10.1038/nature09771 Published: FEB 24 2011  
 ♦ ESA: Herschel
558. [Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System](#)  
 Author(s): Sierks, H.; Lamy, P.; Barbieri, C.; et al.  
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 ♦ ESA: Rosetta/OSIRIS
559. [An Extremely Luminous Panchromatic Outburst from the Nucleus of a Distant Galaxy](#)  
 Author(s): Levan, A. J.; Tanvir, N. R.; Cenko, S. B.; et al.  
 Source: SCIENCE Volume: 333 Issue: 6039 Pages: 199-202 DOI: 10.1126/science.1207143 Published: JUL 8 2011  
 ♦ ESA: Hubble  
 ♦ ORM: NOT; WHT; TNG  
 ♦ GTC  
 ♦ IRAM: PdBI  
 ♦ Otros: Chandra; Gemini; UKIRT
560. [Thermal Structure and Dynamics of Saturn's Northern Springtime Disturbance](#)  
 Author(s): Fletcher, Leigh N.; Hesman, Brigitte E.; Irwin, Patrick G. J.; et al.  
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 ♦ ESO (Paranal): VLT  
 ♦ ESA: Cassini
561. [Polarized Gamma-Ray Emission from the Galactic Black Hole Cygnus X-1](#)  
 Author(s): Laurent, P.; Rodriguez, J.; Wilms, J.; et al.  
 Source: SCIENCE Volume: 332 Issue: 6028 Pages: 438-439 DOI: 10.1126/science.1200848 Published: APR 22 2011  
 ♦ ESA: INTEGRAL
562. [Lithium Abundances in Atmospheres of Carbon Stars Estimated with the Help of Modern Lists of Spectral Lines](#)  
 Author(s): Yakovina, L. A.; Pavlenko, Ya. V.; Abia, K.; et al.  
 Source: KINEMATICS AND PHYSICS OF CELESTIAL BODIES Volume: 27 Issue: 5 Pages: 233-248 DOI: 10.3103/S0884591311050072 Published: OCT 2011  
 ♦ ORM: WHT/UES; NOT/SOFIN  
 ♦ Otros: 2m telescope at ICAMER

563. [New constraints on the X-ray spectral properties of type 1 active galactic nuclei](#)  
 Author(s): Scott, A. E.; Stewart, G. C.; Mateos, S.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 2 Pages: 992-1012 DOI: 10.1111/j.1365-2966.2011.19325.x Published: OCT 2011  
 ♦ ESA: XMM-Newton
564. [Discovery of a high-z protocluster with tunable filters: the case of 6C0140+326 at z=4.4](#)  
 Author(s): Kuiper, E.; Hatch, N. A.; Venemans, B. P.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 2 Pages: 1088-1097 DOI: 10.1111/j.1365-2966.2011.19324.x Published: OCT 2011  
 ♦ GTC/OSIRIS
565. [Herschel -ATLAS: rapid evolution of dust in galaxies over the last 5 billion years](#)  
 Author(s): Dunne, L.; Gomez, H. L.; da Cunha, E.; et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 417 Issue: 2 Pages: 1510-1533 DOI: 10.1111/j.1365-2966.2011.19363.x Published: OCT 2011  
 ♦ ESA: Herschel (ATLAS)  
 ♦ ESO (Paranal): VISTA (VIKING)  
 ♦ Otros: SDSS; UKIRT; GALEX MIS, VST KIDS, etc.
566. [VFISV: Very Fast Inversion of the Stokes Vector for the Helioseismic and Magnetic Imager](#)  
 Author(s): Borrero, J. M.; Tomczyk, S.; Kubo, M.; et al.  
 Source: SOLAR PHYSICS Volume: 273 Issue: 1 Pages: 267-293 DOI: 10.1007/s11207-010-9515-6 Published: OCT 2011  
 ♦ ESA: Hinode
567. [Integral field spectroscopy of a sample of nearby galaxies I. Sample, observations, and data reduction](#)  
 Author(s): Marmol-Queralto, E.; Sanchez, S. F.; Marino, R. A.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A8 DOI: 10.1051/0004-6361/201117032 Published: OCT 2011  
 ♦ CAHA: 3.5m/PMAS  
 ♦ Otros: SDSS
568. [An All-Sky Transmission Monitor: ASTMON](#)  
 Author(s): Aceituno J.; Sanchez S. F.; Aceituno F. J.; et al.  
 Source: PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC Volume: 123 Issue: 907 Pages: 1076-1086 DOI: 10.1086/661918 Published: SEP 2011  
 ♦ Instrumentación  
 ♦ CAHA: ASMON

569. [THE CANADA-FRANCE ECLIPTIC PLANE SURVEY-FULL DATA RELEASE: THE ORBITAL STRUCTURE OF THE KUIPER BELT](#)  
 Author(s): Petit J-M; Kavelaars J. J.; Gladman B. J.; et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 142 Issue: 4 Article Number: 131 DOI: 10.1088/0004-6256/142/4/131 Published: OCT 2011
- ◆ CAHA: 2.2m/CAFOS
  - ◆ ORM: NOT
  - ◆ ESO (Paranal); VLT
  - ◆ ESO (La Silla): 2.2m
  - ◆ Otros: CFHT (MegaPrime); Subaru; MMT; etc
570. [A Pluto-like radius and a high albedo for the dwarf planet Eris from an occultation](#)  
 Author(s): Sicardy, B.; Ortiz, J. L.; Assafin, M.; et al.  
 Source: NATURE Volume: 478 Issue: 7370 Pages: 493-496 DOI: 10.1038/nature10550 Published: OCT 27 2011
- ◆ CAHA: 2.2m/CAFOS
  - ◆ OT: IAC-80
  - ◆ ORM: LT
  - ◆ Otros: San Pedro Atacana; La Silla 0.6m; up to 26 stations,
571. [Overview of an extensive multi-wavelength study of GX 339-4 during the 2010 outburst](#)  
 Author(s): Bel, M. Cadolle; Rodriguez, J.; D'Avanzo, P.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A119 DOI: 10.1051/0004-6361/201117684 Published: OCT 2011
- ◆ ESA: INTEGRAL
  - ◆ Otros: RXTE; Swift; REM, FTS; ATCA
572. [The Chromospheric Telescope](#)  
 Author(s): Bethge, C.; Peter, H.; Kentischer, T. J.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A105 DOI: 10.1051/0004-6361/201117456 Published: OCT 2011
- ◆ OT: ChroTel
573. [Molecular gas around low-luminosity AGN in late-type spirals](#)  
 Author(s): Boker, T.; Schinnerer, E.; Lisenfeld, U.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A12 DOI: 10.1051/0004-6361/201117262 Published: OCT 2011
- ◆ IRAM: 30m
574. [Far-infrared constraints on the contamination by dust-obscured galaxies of high-z dropout searches](#)  
 Author(s): Boone, F.; Schaerer, D.; Pello, R.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A124 DOI: 10.1051/0004-6361/201117338 Published: OCT 2011
- ◆ ESA: Herschel
  - ◆ ESO: APEX/LABOCA

575. [Adaptive-optics assisted near-infrared polarization measurements of sources in the Galactic center](#)  
 Author(s): Buchholz, R. M.; Witzel, G.; Schoedel, R.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A117 DOI: 10.1051/0004-6361/201117300 Published: OCT 2011  
 ♦ ESO (Paranal): VLT/NACO
576. [Integral-field spectroscopy of \(90482\) Orcus-Vanth](#)  
 Author(s): Carry, B.; Hestroffer, D.; DeMeo, F. E.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A115 DOI: 10.1051/0004-6361/201117486 Published: OCT 2011  
 ESAC  
 ♦ ESO (Paranal): VLT/SINFONI
577. [The 2008 outburst of IGR J17473-2721: evidence for a disk corona?](#)  
 Author(s): Chen, Y. -P.; Zhang, S.; Torres, D. F.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A101 DOI: 10.1051/0004-6361/201117076 Published: OCT 2011  
 ♦ ESA: INTEGRAL  
 ♦ Otros: RXTE, and Swift
578. [Multi-wavelength observations of Proxima Centauri](#)  
 Author(s): Fuhrmeister, B.; Lalitha, S.; Poppenhaeger, K.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A133 DOI: 10.1051/0004-6361/201117447 Published: OCT 2011  
 ♦ ESO (Paranal): VLT/UVES  
 ♦ ESA: XMM-Newton
579. [H2CO in the Horsehead PDR: photo-desorption of dust grain ice mantles](#)  
 Author(s): Guzman, V.; Pety, J.; Goicoechea, J. R.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A49 DOI: 10.1051/0004-6361/201117257 Published: OCT 2011  
 ♦ IRAM: 30m; PdBI
580. [Multi-site, multi-year monitoring of the oscillating Algol-type eclipsing binary CT Herculis](#)  
 Author(s): Lampens, P.; Strigachev, A.; Kim, S-L.; et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number: A111 DOI: 10.1051/0004-6361/201117021 Published: OCT 2011  
 ♦ CAHA: 2.2m/CAFOS  
 ♦ Otros: Sobaeksan Optical Astronomy Observatory; Sobaeksan Optical Astronomy Observatory; Observatory of Mt. Lemmon; Observatorio de Monegrillo; Beersel Hils Observatory; Observatorio Sierra Nevada; National Astronomical Observatory Rozhen

581. [The AMIGA sample of isolated galaxies IX. Molecular gas properties](#)  
Author(s): Lisenfeld, U.; Espada, D.; Verdes-Montenegro, L.; et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number:  
A102 DOI: 10.1051/0004-6361/201117056 Published: OCT 2011  
**Univ. Granada**  
◆ IRAM: 30m  
◆ Otros: FCRAO 14 m
582. [GOODS-Herschel: a population of 24 mu m dropout sources at  \$z < 2\$](#)   
Author(s): Magdis, G. E.; Elbaz, D.; Dickinson, M.; et al.  
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A15 DOI: 10.1051/0004-6361/201117649 Published: OCT 2011  
◆ ESA: Herschel
583. [An obscured cluster associated with the H II region RCW173](#)  
Author(s): Marco, A.; Negueruela, I.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number:  
A114 DOI: 10.1051/0004-6361/201117142 Published: OCT 2011  
**Univ. Alicante**  
◆ ORM: NOT/ALFOSC  
◆ Otros: Spitzer; 2MASS
584. [Hydrogen cyanide and isocyanide in prestellar cores](#)  
Author(s): Padovani, M.; Walmsley, C. M.; Tafalla, M.; et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 534 Article Number:  
A77 DOI: 10.1051/0004-6361/201117134 Published: OCT 2011  
**IEEC-CSIC**  
◆ IRAM: 30m