

David Barrado

List of Publications by Citations

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295
papers

22,029
citations

62
h-index

142
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308
ext. papers

25,662
ext. citations

5.2
avg, IF

5.75
L-index

#	Paper	IF	Citations
295	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A1	5.1	4787
294	TheGaiamission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1	5.1	2933
293	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2	5.1	1364
292	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A10	5.1	438
291	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A12	5.1	384
290	MASSES, RADII, AND ORBITS OF SMALL KEPLER PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014 , 210, 20	8	368
289	VOSA: virtual observatory SED analyzer. <i>Astronomy and Astrophysics</i> , 2008 , 492, 277-287	5.1	280
288	Discovery of young, isolated planetary mass objects in the final sigma Orionis star cluster. <i>Science</i> , 2000 , 290, 103-7	33.3	263
287	CSI 2264: SIMULTANEOUS OPTICAL AND INFRARED LIGHT CURVES OF YOUNG DISK-BEARING STARS IN NGC 2264 WITH CoRoT and SPITZER EVIDENCE FOR MULTIPLE ORIGINS OF VARIABILITY. <i>Astronomical Journal</i> , 2014 , 147, 82	4.9	248
286	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A11	5.1	237
285	FROM SHOCK BREAKOUT TO PEAK AND BEYOND: EXTENSIVE PANCHROMATIC OBSERVATIONS OF THE TYPE Ib SUPERNOVA 2008D ASSOCIATED WITH SWIFT X-RAY TRANSIENT 080109. <i>Astrophysical Journal</i> , 2009 , 702, 226-248	4.7	191
284	An Empirical Criterion to Classify T Tauri Stars and Substellar Analogs Using Low-Resolution Optical Spectroscopy. <i>Astronomical Journal</i> , 2003 , 126, 2997-3006	4.9	175
283	YSOVAR: THE FIRST SENSITIVE, WIDE-AREA, MID-INFRARED PHOTOMETRIC MONITORING OF THE ORION NEBULA CLUSTER. <i>Astrophysical Journal</i> , 2011 , 733, 50	4.7	174
282	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013 , 494, 452-4	50.4	171
281	Spectroscopy of Very Low Mass Stars and Brown Dwarfs in IC 2391: Lithium Depletion and H β Emission. <i>Astrophysical Journal</i> , 2004 , 614, 386-397	4.7	171
280	DUST around NEarby Stars. The survey observational results. <i>Astronomy and Astrophysics</i> , 2013 , 555, A11	5.1	161
279	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2013 , 549, A87	5.1	155

278	The Age of β Pictoris. <i>Astrophysical Journal</i> , 1999 , 520, L123-L126	4.7	153
277	The Substellar Mass Function in ϵ Orionis. <i>Astrophysical Journal</i> , 2001 , 556, 830-836	4.7	147
276	New Low-Mass Members of the Taurus Star-forming Region. <i>Astrophysical Journal</i> , 2003 , 590, 348-356	4.7	145
275	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2016 , 594, A36	5.1	145
274	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2015 , 576, A135	5.1	133
273	THEKEPLERFOLLOW-UP OBSERVATION PROGRAM. I. A CATALOG OF COMPANIONS TO KEPLERSTARS FROM HIGH-RESOLUTION IMAGING. <i>Astronomical Journal</i> , 2017 , 153, 71	4.9	125
272	A Search for Hot Massive Extrasolar Planets around Nearby Young Stars with the Adaptive Optics System NACO. <i>Astrophysical Journal</i> , 2005 , 625, 1004-1018	4.7	123
271	Membership and Multiplicity among Very Low Mass Stars and Brown Dwarfs in the Pleiades Cluster. <i>Astrophysical Journal</i> , 2000 , 543, 299-312	4.7	121
270	ROTATION IN THE PLEIADES WITH K2. I. DATA AND FIRST RESULTS. <i>Astronomical Journal</i> , 2016 , 152, 113	4.9	119
269	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018 , 612, A49	5.1	118
268	A very cool brown dwarf in UKIDSS DR1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 381, 1400-1412	4.3	115
267	Keck Spectra of Brown Dwarf Candidates and a Precise Determination of the Lithium Depletion Boundary in the ϵ Persei Open Cluster. <i>Astrophysical Journal</i> , 1999 , 527, 219-229	4.7	115
266	A Methane, Isolated, Planetary-Mass Object in Orion. <i>Astrophysical Journal</i> , 2002 , 578, 536-542	4.7	105
265	The substellar mass function in ϵ Orionis. <i>Astronomy and Astrophysics</i> , 2007 , 470, 903-918	5.1	104
264	CARMENES instrument overview 2014 ,		103
263	A tidal disruption-like X-ray flare from the quiescent galaxy SDSS J120136.02+300305.5. <i>Astronomy and Astrophysics</i> , 2012 , 541, A106	5.1	103
262	An Age Estimate for the beta Pictoris Analog HR 4796A. <i>Astrophysical Journal</i> , 1995 , 454, 910	4.7	101
261	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A14	5.1	100

- 260 Exploring the substellar temperature regime down to ~ 550 K. *Monthly Notices of the Royal Astronomical Society*, **2008**, 391, 320-333 4.3 99
- 259 Magellan Echelle Spectroscopy of TW Hydrae Brown Dwarfs. *Astrophysical Journal*, **2003**, 593, L109-L112. 4.7 99
- 258 GASPSA Herschel Survey of Gas and Dust in Protoplanetary Disks: Summary and Initial Statistics. *Publications of the Astronomical Society of the Pacific*, **2013**, 125, 477-505 5 96
- 257 The discovery of an M4+T8.5 binary system. *Monthly Notices of the Royal Astronomical Society*, **2009**, 395, 1237-1248 4.3 93
- 256 A Sensitive Search for Variability in Late L Dwarfs: The Quest for Weather. *Astrophysical Journal*, **2006**, 653, 1454 4.7 91
- 255 CSI 2264: CHARACTERIZING ACCRETION-BURST DOMINATED LIGHT CURVES FOR YOUNG STARS IN NGC 2264. *Astronomical Journal*, **2014**, 147, 83 4.9 90
- 254 Deep winds beneath Saturn's upper clouds from a seasonal long-lived planetary-scale storm. *Nature*, **2011**, 475, 71-4 5.0 89
- 253 Kepler-91b: a planet at the end of its life. *Astronomy and Astrophysics*, **2014**, 562, A109 5.1 88
- 252 Why Are the K Dwarfs in the Pleiades So Blue?. *Astronomical Journal*, **2003**, 126, 833-847 4.9 87
- 251 High-resolution imaging of Kepler planet host candidates. *Astronomy and Astrophysics*, **2014**, 566, A103 5.1 84
- 250 An icy Kuiper belt around the young solar-type star HD 181327. *Astronomy and Astrophysics*, **2012**, 539, A17 5.1 83
- 249 On the age of the TW Hydrae association and 2M1207334-393254. *Astronomy and Astrophysics*, **2006**, 459, 511-518 5.1 78
- 248 Ages of A-Type Vega-like Stars from uvby Photometry. *Astrophysical Journal*, **2001**, 546, 352-357 4.7 78
- 247 The Lithium-Depletion Boundary and the Age of the Young Open Cluster IC 2391. *Astrophysical Journal*, **1999**, 522, L53-L56 4.7 77
- 246 AA Tauri's sudden and long-lasting deepening: enhanced extinction by its circumstellar disk. *Astronomy and Astrophysics*, **2013**, 557, A77 5.1 76
- 245 Fifteen new T dwarfs discovered in the UKIDSS Large Area Survey. *Monthly Notices of the Royal Astronomical Society*, **2008**, 390, 304-322 4.3 76
- 244 Keck NIRC Observations of Planetary-Mass Candidate Members in the β Orionis Open Cluster. *Astrophysical Journal*, **2001**, 558, L117-L121 4.7 74
- 243 A Hubble Space Telescope Wide Field and/Or Deep Survey for Brown Dwarf Binaries in the β Persei and Pleiades Open Clusters. *Astrophysical Journal*, **2003**, 594, 525-532 4.7 73

242	CSI 2264: CHARACTERIZING YOUNG STARS IN NGC 2264 WITH SHORT-DURATION PERIODIC FLUX DIPS IN THEIR LIGHT CURVES. <i>Astronomical Journal</i> , 2015 , 149, 130	4.9	71
241	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19	5.1	71
240	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018 , 609, A117	5.1	71
239	Spectroscopy of very low mass stars and brown dwarfs in the Lambda Orionis star forming region. <i>Astronomy and Astrophysics</i> , 2011 , 536, A63	5.1	66
238	Eight new T4.5-T7.5 dwarfs discovered in the UKIDSS Large Area Survey Data Release 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 379, 1423-1430	4.3	66
237	Multiplicity in transiting planet-host stars. <i>Astronomy and Astrophysics</i> , 2012 , 546, A10	5.1	65
236	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79	5.1	64
235	IC 348-SMM2E: a Class 0 proto-brown dwarf candidate forming as a scaled-down version of low-mass stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 833-845	4.3	63
234	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A110	5.1	62
233	YOUNG STELLAR OBJECT VARIABILITY (YSOVAR): LONG TIMESCALE VARIATIONS IN THE MID-INFRARED. <i>Astronomical Journal</i> , 2014 , 148, 92	4.9	62
232	From the Top to the Bottom of the Main Sequence: A Complete Mass Function of the Young Open Cluster M35. <i>Astrophysical Journal</i> , 2001 , 546, 1006-1018	4.7	62
231	Herschel-PACS observation of the 10 Myr old T Tauri disk TW Hya. <i>Astronomy and Astrophysics</i> , 2010 , 518, L125	5.1	61
230	Dynamical analysis of nearby clusters. <i>Astronomy and Astrophysics</i> , 2013 , 554, A101	5.1	61
229	Optical spectroscopy of isolated planetary mass objects in the Σ Orionis cluster. <i>Astronomy and Astrophysics</i> , 2001 , 377, L9-L13	5.1	60
228	Ages of Late Spectral Type Vega-like Stars. <i>Astrophysical Journal</i> , 2000 , 533, L41-L44	4.7	60
227	ROTATION IN THE PLEIADES WITH K2. III. SPECULATIONS ON ORIGINS AND EVOLUTION. <i>Astronomical Journal</i> , 2016 , 152, 115	4.9	58
226	HERSCHEL/PACS SURVEY OF PROTOPLANETARY DISKS IN TAURUS/AURIGA OBSERVATIONS OF [O I] AND [C II], AND FAR-INFRARED CONTINUUM. <i>Astrophysical Journal</i> , 2013 , 776, 21	4.7	57
225	An Earth-sized exoplanet with a Mercury-like composition. <i>Nature Astronomy</i> , 2018 , 2, 393-400	12.1	56

224	Candidate free-floating super-Jupiters in the young ϵ Orionis open cluster. <i>Astronomy and Astrophysics</i> , 2009 , 506, 1169-1182	5.1	56
223	WIYN Open Cluster Study. V. Lithium Depletion and Metallicity in G and K Dwarfs of the Open Cluster M35. <i>Astrophysical Journal</i> , 2001 , 549, 452-466	4.7	56
222	Cluster membership probabilities from proper motions and multi-wavelength photometric catalogues. <i>Astronomy and Astrophysics</i> , 2014 , 563, A45	5.1	56
221	A substellar mass function for Alpha Persei. <i>Astronomy and Astrophysics</i> , 2002 , 395, 813-821	5.1	56
220	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A13	5.1	56
219	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019 , 627, A49	5.1	55
218	Photodynamical mass determination of the multiplanetary system K2-19. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 4267-4276	4.3	54
217	The Substellar Population of the Young Cluster ϵ Orionis. <i>Astrophysical Journal</i> , 2004 , 610, 1064-1078	4.7	54
216	A Low-mass Exoplanet Candidate Detected by K2 Transiting the Praesepe M Dwarf JS 183. <i>Astronomical Journal</i> , 2017 , 153, 177	4.9	53
215	Hot Exoplanet Atmospheres Resolved with Transit Spectroscopy (HEARTS). <i>Astronomy and Astrophysics</i> , 2019 , 623, A166	5.1	53
214	Gas and dust in the beta Pictoris moving group as seen by the Herschel Space Observatory. <i>Astronomy and Astrophysics</i> , 2014 , 565, A68	5.1	53
213	The Seven Sisters DANCe. <i>Astronomy and Astrophysics</i> , 2015 , 577, A148	5.1	53
212	47 new T dwarfs from the UKIDSS Large Area Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , no-no	4.3	52
211	The ϵ Orionis substellar population. <i>Astronomy and Astrophysics</i> , 2003 , 404, 171-185	5.1	52
210	WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 1470-1489	4.3	51
209	Age determination of the HR 8799 planetary system using asteroseismology. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 405, L81-L85	4.3	51
208	Cold DUst around NEarby Stars (DUNES). First results. <i>Astronomy and Astrophysics</i> , 2010 , 518, L131	5.1	51
207	The lower mass function of the young open cluster Blanco 1: from $30 M_{\text{Jup}}$ to $3 M_{\odot}$. <i>Astronomy and Astrophysics</i> , 2007 , 471, 499-513	5.1	51

206	The Transiting Exoplanet Community Early Release Science Program for JWST. <i>Publications of the Astronomical Society of the Pacific</i> , 2018 , 130, 114402	5	51
205	Cygnus OB2 DANCe: A high-precision proper motion study of the Cygnus OB2 association. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 2593-2610	4.3	50
204	CARMENES: an overview six months after first light 2016 ,		49
203	ROTATION IN THE PLEIADES WITH K2. II. MULTIPERIOD STARS. <i>Astronomical Journal</i> , 2016 , 152, 114	4.9	49
202	Detection of warm water vapour in Taurus protoplanetary discs by Herschel. <i>Astronomy and Astrophysics</i> , 2012 , 538, L3	5.1	48
201	Very Low-Mass Stars and Brown Dwarfs of the Young Open Cluster IC 2391. <i>Astrophysical Journal, Supplement Series</i> , 2001 , 134, 103-114	8	48
200	PANCHROMATIC OBSERVATIONS AND MODELING OF THE HV TAU C EDGE-ON DISK. <i>Astrophysical Journal</i> , 2010 , 712, 112-129	4.7	47
199	Spitzer: Accretion in Low-Mass Stars and Brown Dwarfs in the β Orionis Cluster. <i>Astrophysical Journal</i> , 2007 , 664, 481-500	4.7	47
198	Orion revisited. <i>Astronomy and Astrophysics</i> , 2014 , 564, A29	5.1	46
197	Flared Disks and Silicate Emission in Young Brown Dwarfs. <i>Astrophysical Journal</i> , 2004 , 609, L33-L36	4.7	46
196	Discovery and characterization of detached M dwarf eclipsing binaries in the WFCAM Transit Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 1507-1532	4.3	45
195	Results of a Deep Imaging Survey of One Square Degree of the Pleiades for Low-Luminosity Cluster Members. <i>Astrophysical Journal</i> , 1998 , 504, 805-820	4.7	45
194	Accretion and Outflow in the Substellar Domain: Magellan Spectroscopy of LS-RCrA 1. <i>Astrophysical Journal</i> , 2004 , 604, 284-296	4.7	45
193	Orbiting Clouds of Material at the Keplerian Co-rotation Radius of Rapidly Rotating Low-mass WTTs in Upper Sco. <i>Astronomical Journal</i> , 2017 , 153, 152	4.9	43
192	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019 , 365, 1441-1445	33.3	43
191	The Mid-Infrared Instrument for the James Webb Space Telescope, II: Design and Build. <i>Publications of the Astronomical Society of the Pacific</i> , 2015 , 127, 595-611	5	43
190	The Gaia-ESO survey: Discovery of a spatially extended low-mass population in the Vela OB2 association. <i>Astronomy and Astrophysics</i> , 2015 , 574, L7	5.1	43
189	Structural and compositional properties of brown dwarf disks: the case of 2MASS J04442713+2512164. <i>Astronomy and Astrophysics</i> , 2008 , 486, 877-890	5.1	43

188	Four ultra-short-period eclipsing M-dwarf binaries in the WFCAM Transit Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 950-968	4.3	40
187	CARMENES. I: instrument and survey overview 2012 ,		39
186	Gas in the protoplanetary disc of HD 169142:Herschel's view. <i>Astronomy and Astrophysics</i> , 2010 , 518, L124	5.1	39
185	The Age of Gliese 879 and Fomalhaut. <i>Astrophysical Journal</i> , 1997 , 475, 313-321	4.7	39
184	Discovery of a very cool object with extraordinarily strong H α emission. <i>Astronomy and Astrophysics</i> , 2002 , 393, L85-L88	5.1	39
183	The CHEOPS mission. <i>Experimental Astronomy</i> , 2021 , 51, 109-151	1.3	39
182	The Gaia-ESO Survey: lithium depletion in the Gamma Velorum cluster and inflated radii in low-mass pre-main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 1456-1465	4.3	38
181	Spectroscopy of very low-mass stars and brown dwarfs in the Lambda Orionis star-forming region. <i>Astronomy and Astrophysics</i> , 2012 , 547, A80	5.1	38
180	Resolving the cold debris disc around a planet-hosting star. <i>Astronomy and Astrophysics</i> , 2010 , 518, L132	5.1	38
179	MID-INFRARED VARIABILITY OF PROTOSTARS IN IC 1396A. <i>Astrophysical Journal</i> , 2009 , 702, 1507-1529	4.7	38
178	CARMENES: Calar Alto high-resolution search for M dwarfs with exo-earths with a near-infrared Echelle spectrograph 2010 ,		38
177	A search for substellar members in the Praesepe and σ Orionis clusters. <i>Astronomy and Astrophysics</i> , 2006 , 460, 799-810	5.1	38
176	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020 , 583, 39-42	5.4	37
175	The lithium-rotation connection in the 125 Myr-old Pleiades cluster. <i>Astronomy and Astrophysics</i> , 2018 , 613, A63	5.1	37
174	CAFE: Calar Alto Fiber-fed Echelle spectrograph. <i>Astronomy and Astrophysics</i> , 2013 , 552, A31	5.1	37
173	Gas and dust in the TW Hydrae association as seen by the Herschel Space Observatory. <i>Astronomy and Astrophysics</i> , 2013 , 555, A67	5.1	36
172	HD 172555: detection of 63 μ m [OI] emission in a debris disc. <i>Astronomy and Astrophysics</i> , 2012 , 546, L8	5.1	36
171	The long-term steady motion of Saturn's hexagon and the stability of its enclosed jet stream under seasonal changes. <i>Geophysical Research Letters</i> , 2014 , 41, 1425-1431	4.9	35

170	Ground-based observations of the long-term evolution and death of Saturn's 2010 Great White Spot. <i>Icarus</i> , 2012 , 220, 561-576	3.8	35
169	Activity at the Deuterium-burning Mass Limit in Orion. <i>Astrophysical Journal</i> , 2002 , 569, L99-L102	4.7	35
168	Are isolated planetary-mass objects really isolated?. <i>Astronomy and Astrophysics</i> , 2006 , 460, 635-640	5.1	35
167	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018 , 609, L5	5.1	35
166	FIRST DETECTION OF THERMAL RADIOJETS IN A SAMPLE OF PROTO-BROWN DWARF CANDIDATES. <i>Astrophysical Journal</i> , 2015 , 807, 55	4.7	34
165	The first planet detected in the WTS: an inflated hot Jupiter in a 3.35 d orbit around a late F star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 1877-1890	4.3	34
164	K2-29 b/WASP-152 b: AN ALIGNED AND INFLATED HOT JUPITER IN A YOUNG VISUAL BINARY. <i>Astrophysical Journal</i> , 2016 , 824, 55	4.7	33
163	CSI 2264: CHARACTERIZING YOUNG STARS IN NGC 2264 WITH STOCHASTICALLY VARYING LIGHT CURVES. <i>Astronomical Journal</i> , 2016 , 151, 60	4.9	33
162	One of the closest exoplanet pairs to the 3:2 mean motion resonance: K2-19b and c. <i>Astronomy and Astrophysics</i> , 2015 , 582, A33	5.1	33
161	THE SUBSTELLAR POPULATION OF ϵ ORIONIS: A DEEP WIDE SURVEY. <i>Astrophysical Journal</i> , 2011 , 743, 64	4.7	33
160	A search for pre-substellar cores and proto-brown dwarf candidates in Taurus: multiwavelength analysis in the B213-L1495 clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 2778-2791	4.3	32
159	Chemical abundances of late-type pre-main sequence stars in the ϵ Orionis cluster. <i>Astronomy and Astrophysics</i> , 2008 , 490, 1135-1142	5.1	32
158	EPIC 201702477b: A TRANSITING BROWN DWARF FROM K2 IN A 41 DAY ORBIT. <i>Astronomical Journal</i> , 2017 , 153, 15	4.9	31
157	The Gaia ultracool dwarf sample I. Known L and T dwarfs and the first Gaia data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 401-415	4.3	31
156	The lithium depletion boundary and the age of NGC 2547. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 342, 651-663	4.3	31
155	Kepler-432 b: a massive planet in a highly eccentric orbit transiting a red giant. <i>Astronomy and Astrophysics</i> , 2015 , 573, L5	5.1	30
154	Search for associations containing young stars (SACY). <i>Astronomy and Astrophysics</i> , 2015 , 580, A88	5.1	30
153	Two T dwarfs from the UKIDSS early data release. <i>Astronomy and Astrophysics</i> , 2007 , 466, 1059-1064	5.1	30

152	New constraints on the membership of the T dwarf S Ori 70 in the ϵ Orionis cluster. <i>Astronomy and Astrophysics</i> , 2008 , 477, 895-900	5.1	30
151	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared 2018 ,		29
150	A deep look into the cores of young clusters. <i>Astronomy and Astrophysics</i> , 2009 , 493, 931-946	5.1	29
149	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021 , 649, A26	5.1	29
148	Discs of planetary-mass objects in σ Orionis. <i>Astronomy and Astrophysics</i> , 2007 , 472, L9-L12	5.1	28
147	Radial velocity confirmation of Kepler-91 b. <i>Astronomy and Astrophysics</i> , 2014 , 568, L1	5.1	28
146	The effect of stellar activity on the Li I 6708, Na I 5896 and K I 7699 lines. <i>Astronomy and Astrophysics</i> , 2001 , 371, 652-666	5.1	28
145	Mid-Infrared Imaging of Candidate Vega-like Systems. <i>Astronomical Journal</i> , 2001 , 122, 2047-2054	4.9	28
144	Cool stars in NGC 2547 and pre-main-sequence lithium depletion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 343, 1271-1284	4.3	27
143	Proper motions of young stars in Chamaeleon. <i>Astronomy and Astrophysics</i> , 2013 , 551, A46	5.1	27
142	The EChO science case. <i>Experimental Astronomy</i> , 2015 , 40, 329-391	1.3	26
141	GRB 021004: Tomography of a gamma-ray burst progenitor and its host galaxy. <i>Astronomy and Astrophysics</i> , 2010 , 517, A61	5.1	26
140	Dynamical traceback age of the ρ Pictoris moving group. <i>Astronomy and Astrophysics</i> , 2020 , 642, A179	5.1	26
139	The Gaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2017 , 601, A97	5.1	24
138	The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. <i>Astronomy and Astrophysics</i> , 2020 , 643, A94	5.1	24
137	Stellar Activity in Coeval Open Clusters: Praesepe and the Hyades. <i>Astrophysical Journal</i> , 1998 , 506, 347-359	5.1	24
136	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019 , 623, A165	5.1	23
135	GAS in Protoplanetary Systems (GASPS). <i>Astronomy and Astrophysics</i> , 2010 , 518, L127	5.1	23

134	A proto brown dwarf candidate in Taurus. <i>Astronomy and Astrophysics</i> , 2009 , 508, 859-867	5.1	23
133	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020 , 642, A173	5.1	23
132	The TROY project: Searching for co-orbital bodies to known planets. <i>Astronomy and Astrophysics</i> , 2018 , 609, A96	5.1	23
131	More Rapidly Rotating PMS M Dwarfs with Light Curves Suggestive of Orbiting Clouds of Material. <i>Astronomical Journal</i> , 2018 , 155, 63	4.9	22
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