

# Ignasi Ribas

## List of Publications by Year in descending order

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Version: 2024-02-01

364  
papers

17,930  
citations

13865

67  
h-index

20358

116  
g-index

372  
all docs

372  
docs citations

372  
times ranked

7250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the Solar Activity over Time and Effects on Planetary Atmospheres. I. High-Energy Irradiances (1–1700 Å). <i>Astrophysical Journal</i> , 2005, 622, 680-694.	4.5	684
2	Atmospheric Loss of Exoplanets Resulting from Stellar X-Ray and Extreme-Ultraviolet Heating. <i>Astrophysical Journal</i> , 2003, 598, L121-L124.	4.5	473
3	Water vapour in the atmosphere of a transiting extrasolar planet. <i>Nature</i> , 2007, 448, 169-171.	27.8	452
4	Absolute Dimensions of the M-Type Eclipsing Binary YY Geminorum (Castor C): A Challenge to Evolutionary Models in the Lower Main Sequence. <i>Astrophysical Journal</i> , 2002, 567, 1140-1165.	4.5	446
5	Habitable planets around the star Gliese 581?. <i>Astronomy and Astrophysics</i> , 2007, 476, 1373-1387.	5.1	408
6	M Stars as Targets for Terrestrial Exoplanet Searches And Biosignature Detection. <i>Astrobiology</i> , 2007, 7, 85-166.	3.0	330
7	Estimation of the XUV radiation onto close planets and their evaporation. <i>Astronomy and Astrophysics</i> , 2011, 532, A6.	5.1	318
8	Spectrum radial velocity analyser (SERVAL). <i>Astronomy and Astrophysics</i> , 2018, 609, A12.	5.1	266
9	Coronal Mass Ejection (CME) Activity of Low Mass M Stars as An Important Factor for The Habitability of Terrestrial Exoplanets. II. CME-Induced Ion Pick Up of Earth-like Exoplanets in Close-In Habitable Zones. <i>Astrobiology</i> , 2007, 7, 185-207.	3.0	256
10	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
11	A correlation between the heavy element content of transiting extrasolar planets and the metallicity of their parent stars. <i>Astronomy and Astrophysics</i> , 2006, 453, L21-L24.	5.1	221
12	Coronal Mass Ejection (CME) Activity of Low Mass M Stars as An Important Factor for The Habitability of Terrestrial Exoplanets. I. CME Impact on Expected Magnetospheres of Earth-Like Exoplanets in Close-In Habitable Zones. <i>Astrobiology</i> , 2007, 7, 167-184.	3.0	211
13	CoRoT Measures Solar-Like Oscillations and Granulation in Stars Hotter Than the Sun. <i>Science</i> , 2008, 322, 558-560.	12.6	199
14	Loss of water from Mars. <i>Icarus</i> , 2003, 165, 9-25.	2.5	197
15	Water loss from terrestrial planets orbiting ultracool dwarfs: implications for the planets of TRAPPIST-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3728-3741.	4.4	197
16	THE EVOLUTION OF SOLAR FLUX FROM 0.1 nm TO 160 μm: QUANTITATIVE ESTIMATES FOR PLANETARY STUDIES. <i>Astrophysical Journal</i> , 2012, 757, 95.	4.5	192
17	The habitability of Proxima Centauri b. <i>Astronomy and Astrophysics</i> , 2016, 596, A112.	5.1	191
18	The initial-final mass relationship of white dwarfs revisited: effect on the luminosity function and mass distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 1693-1706.	4.4	186

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19	DUst around NEarby Stars. The survey observational results. <i>Astronomy and Astrophysics</i> , 2013, 555, A11.	5.1	183
20	Ground-based detection of an extended helium atmosphere in the Saturn-mass exoplanet WASP-69b. <i>Science</i> , 2018, 362, 1388-1391.	12.6	174
21	The effect of tidal locking on the magnetospheric and atmospheric evolution of "Hot Jupiters": <i>Astronomy and Astrophysics</i> , 2004, 425, 753-762.	5.1	173
22	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 612, A49.	5.1	173
23	A possible black hole in the Å-ray microquasar LS 5039. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 899-908.	4.4	171
24	Effective temperature scale and bolometric corrections from 2MASS photometry. <i>Astronomy and Astrophysics</i> , 2006, 450, 735-746.	5.1	169
25	The habitability of Proxima Centauri b. <i>Astronomy and Astrophysics</i> , 2016, 596, A111.	5.1	165
26	A Be-type star with a black-hole companion. <i>Nature</i> , 2014, 505, 378-381.	27.8	154
27	GU Bootis: A New 0.6M $\odot$ Detached Eclipsing Binary. <i>Astrophysical Journal</i> , 2005, 631, 1120-1133.	4.5	148
28	ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS. <i>Astrophysical Journal</i> , 2009, 691, 1400-1411.	4.5	145
29	CARMENES input catalogue of M dwarfs. <i>Astronomy and Astrophysics</i> , 2015, 577, A128.	5.1	143
30	THE K2-ESPRINT PROJECT. I. DISCOVERY OF THE DISINTEGRATING ROCKY PLANET K2-22b WITH A COMETARY HEAD AND LEADING TAIL. <i>Astrophysical Journal</i> , 2015, 812, 112.	4.5	142
31	The CHEOPS mission. <i>Experimental Astronomy</i> , 2021, 51, 109-151.	3.7	140
32	Planetary Magnetic Fields and Solar Forcing: Implications for Atmospheric Evolution. <i>Space Science Reviews</i> , 2007, 129, 245-278.	8.1	135
33	THE EFFECT OF MAGNETIC ACTIVITY ON LOW-MASS STARS IN ECLIPSING BINARIES. <i>Astrophysical Journal</i> , 2010, 718, 502-512.	4.5	135
34	CARMENES instrument overview. <i>Proceedings of SPIE</i> , 2014, , .	0.8	132
35	Masses and Radii of Low-Mass Stars: Theory Versus Observations. <i>Astrophysics and Space Science</i> , 2006, 304, 89-92.	1.4	129
36	WEIGHING THE NON-TRANSITING HOT JUPITER Ĩ, Boo b. <i>Astrophysical Journal Letters</i> , 2012, 753, L25.	8.3	128

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37	The Distance to the Large Magellanic Cloud from the Eclipsing Binary HV 2274. <i>Astrophysical Journal</i> , 1998, 509, L21-L24.	4.5	127
38	The effect of activity on stellar temperatures and radii. <i>Astronomy and Astrophysics</i> , 2008, 478, 507-512.	5.1	125
39	The mass dependence of the overshooting parameter determined from eclipsing binary data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, L55-L59.	4.4	124
40	Orbital parameters of the microquasar LS I +61 303. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 1105-1109.	4.4	124
41	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 625, A68.	5.1	123
42	The 0.4- $M_{\odot}$ eclipsing binary CU Cancri. <i>Astronomy and Astrophysics</i> , 2003, 398, 239-251.	5.1	122
43	Atmospheric and water loss from early Venus. <i>Planetary and Space Science</i> , 2006, 54, 1425-1444.	1.7	120
44	Detection of He I $\lambda$ 10830 absorption on HD 189733 b with CARMENES high-resolution transmission spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 620, A97.	5.1	120
45	First Determination of the Distance and Fundamental Properties of an Eclipsing Binary in the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2005, 635, L37-L40.	4.5	112
46	METHANE IN THE ATMOSPHERE OF THE TRANSITING HOT NEPTUNE GJ436B?. <i>Astrophysical Journal</i> , 2011, 731, 16.	4.5	110
47	A candidate super-Earth planet orbiting near the snow line of Barnard's star. <i>Nature</i> , 2018, 563, 365-368.	27.8	109
48	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2013, 554, A28.	5.1	103
49	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 609, A117.	5.1	103
50	Water in the atmosphere of HD 209458b from 3.6-8 $\mu$ m IRAC photometric observations in primary transit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 963-974.	4.4	99
51	EChO. <i>Experimental Astronomy</i> , 2012, 34, 311-353.	3.7	98
52	Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. <i>Astronomy and Astrophysics</i> , 2019, 628, A39.	5.1	97
53	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, A49.	5.1	95
54	Primary Transit of the Planet HD 189733b at 3.6 and 5.8 $\mu$ m. <i>Astrophysical Journal</i> , 2008, 677, 1343-1347.	4.5	94

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55	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
56	CARMENES input catalogue of M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 642, A115.	5.1	93
57	CARMENES input catalogue of M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 614, A76.	5.1	92
58	A ~5 <i>M</i> Super-Earth Orbiting GJ 436? The Power of Near-Grazing Transits. <i>Astrophysical Journal</i> , 2008, 677, L59-L62.	4.5	85
59	Exoplanets around Low-mass Stars Unveiled by K2. <i>Astronomical Journal</i> , 2018, 155, 127.	4.7	85
60	Ionized calcium in the atmospheres of two ultra-hot exoplanets WASP-33b and KELT-9b. <i>Astronomy and Astrophysics</i> , 2019, 632, A69.	5.1	85
61	The distance to the Andromeda galaxy from eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2010, 509, A70.	5.1	84
62	He I $\lambda$ 10830 Å in the transmission spectrum of HD209458 b. <i>Astronomy and Astrophysics</i> , 2019, 629, A110.	5.1	81
63	Fundamental Properties and Distances of Large Magellanic Cloud Eclipsing Binaries. IV. HV 5936. <i>Astrophysical Journal</i> , 2003, 587, 685-700.	4.5	80
64	WASP-80b has a dayside within the T-dwarf range. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2279-2290.	4.4	79
65	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019, 365, 1441-1445.	12.6	78
66	EVOLUTION OF THE SOLAR ACTIVITY OVER TIME AND EFFECTS ON PLANETARY ATMOSPHERES. II. $\tau$ <sup>1</sup> Ceti, AN ANALOG OF THE SUN WHEN LIFE AROSE ON EARTH. <i>Astrophysical Journal</i> , 2010, 714, 384-395.	4.5	76
67	Intrinsic Properties of the Young Stellar Object SU Aurigae. <i>Astrophysical Journal</i> , 2003, 590, 357-367.	4.5	75
68	Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 313, 99-111.	4.4	74
69	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 615, A6.	5.1	73
70	CARMENES input catalogue of M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 621, A126.	5.1	73
71	The Best Brown Dwarf Yet? A Companion to the Hyades Eclipsing Binary V471 Tauri. <i>Astrophysical Journal</i> , 2001, 546, L43-L47.	4.5	73
72	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 623, A44.	5.1	70

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73	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 653, A114.	5.1	67
74	CoRoT's view of newly discovered B-star pulsators: results for 358 candidate B pulsators from the initial run's exoplanet field data. <i>Astronomy and Astrophysics</i> , 2009, 506, 471-489.	5.1	65
75	A He I upper atmosphere around the warm Neptune GJ 3470 b. <i>Astronomy and Astrophysics</i> , 2020, 638, A61.	5.1	65
76	The initial-final mass relationship from white dwarfs in common proper motion pairs. <i>Astronomy and Astrophysics</i> , 2008, 477, 213-221.	5.1	64
77	Magnetism, rotation, and nonthermal emission in cool stars. <i>Astronomy and Astrophysics</i> , 2022, 662, A41.	5.1	64
78	Magnetic fields in M dwarfs from the CARMENES survey. <i>Astronomy and Astrophysics</i> , 2019, 626, A86.	5.1	63
79	Eclipsing Binaries as Astrophysical Laboratories: Internal Structure, Core Convection, and Evolution of the B Star Components of V380 Cygni. <i>Astrophysical Journal</i> , 2000, 544, 409-422.	4.5	63
80	A scenario of planet erosion by coronal radiation. <i>Astronomy and Astrophysics</i> , 2010, 511, L8.	5.1	62
81	THE K2-ESPRINT PROJECT III: A CLOSE-IN SUPER-EARTH AROUND A METAL-RICH MID-M DWARF. <i>Astrophysical Journal</i> , 2016, 820, 41.	4.5	62
82	Primary and secondary eclipse spectroscopy with JWST: exploring the exoplanet parameter space. <i>Astronomy and Astrophysics</i> , 2011, 525, A83.	5.1	61
83	The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. <i>Astronomy and Astrophysics</i> , 2020, 643, A94.	5.1	61
84	Stellar parameters of early-M dwarfs from ratios of spectral features at optical wavelengths. <i>Astronomy and Astrophysics</i> , 2015, 577, A132.	5.1	60
85	MAGNETIC FIELD AND WIND OF KAPPA CETI: TOWARD THE PLANETARY HABITABILITY OF THE YOUNG SUN WHEN LIFE AROSE ON EARTH. <i>Astrophysical Journal Letters</i> , 2016, 820, L15.	8.3	60
86	CARMENES input catalogue of M dwarfs. <i>Astronomy and Astrophysics</i> , 2017, 597, A47.	5.1	60
87	CARMENES: an overview six months after first light. <i>Proceedings of SPIE</i> , 2016, , .	0.8	59
88	ALMA Discovery of Dust Belts around Proxima Centauri. <i>Astrophysical Journal Letters</i> , 2017, 850, L6.	8.3	59
89	Fundamental Properties and Distances of the Large Magellanic Cloud from Eclipsing Binaries. II. HV 982. <i>Astrophysical Journal</i> , 2002, 564, 260-273.	4.5	58
90	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, A161.	5.1	58

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91	Variability of solar/stellar activity and magnetic field and its influence on planetary atmosphere evolution. <i>Earth, Planets and Space</i> , 2012, 64, 179-199.	2.5	57
92	DOPPLER MONITORING OF FIVE K2 TRANSITING PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 823, 115.	4.5	57
93	Multiple water band detections in the CARMENES near-infrared transmission spectrum of HD 189733 b. <i>Astronomy and Astrophysics</i> , 2019, 621, A74.	5.1	57
94	On the binary nature of the $\hat{1}^3$ -ray sources AGL J2241+4454 (= MWC 656) and HESS J0632+057 (= MWC 148). <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1103-1112.	4.4	56
95	The science of ARIEL (Atmospheric Remote-sensing Infrared Exoplanet Large-survey). <i>Proceedings of SPIE</i> , 2016, , .	0.8	56
96	K2-137 b: an Earth-sized planet in a 4.3-h orbit around an M-dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5523-5533.	4.4	56
97	WASP-33: the first <i>Scuti</i> exoplanet host star. <i>Astronomy and Astrophysics</i> , 2011, 526, L10.	5.1	54
98	Modelling the photosphere of active stars for planet detection and characterization. <i>Astronomy and Astrophysics</i> , 2016, 586, A131.	5.1	54
99	THE K2-ESPRINT PROJECT. V. A SHORT-PERIOD GIANT PLANET ORBITING A SUBGIANT STAR*. <i>Astronomical Journal</i> , 2016, 152, 143.	4.7	54
100	Farâ€Ultraviolet Emissions of the Sun in Time: Probing Solar Magnetic Activity and Effects on Evolution of Paleoplanetary Atmospheres. <i>Astrophysical Journal</i> , 2003, 594, 561-572.	4.5	53
101	Discovery of XO-6b: A Hot Jupiter Transiting a Fast Rotating F5 Star on an Oblique Orbit. <i>Astronomical Journal</i> , 2017, 153, 94.	4.7	53
102	Cold DUst around NEarby Stars (DUNES). First results. <i>Astronomy and Astrophysics</i> , 2010, 518, L131.	5.1	52
103	HADES RV program with HARPS-N at the TNG GJâ€™%3998: An early M-dwarf hosting a system of super-Earths. <i>Astronomy and Astrophysics</i> , 2016, 593, A117.	5.1	51
104	The full spectral radiative properties of Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2017, 603, A58.	5.1	51
105	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 614, A122.	5.1	51
106	HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 612, A89.	5.1	51
107	Transit detection of the long-period volatile-rich super-Earth $\hat{1}/2$ Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021, 5, 775-787.	10.1	51
108	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 636, A36.	5.1	51

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109	CHARACTERIZING THE ATMOSPHERES OF TRANSITING PLANETS WITH A DEDICATED SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 746, 45.	4.5	49
110	Modelling the He I triplet absorption at 10 830 Å in the atmosphere of HD 209458 b. <i>Astronomy and Astrophysics</i> , 2020, 636, A13.	5.1	49
111	Fundamental Properties and Distances of Large Magellanic Cloud Eclipsing Binaries. III. EROS 1044. <i>Astrophysical Journal</i> , 2002, 574, 771-782.	4.5	48
112	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 615, A14.	5.1	48
113	The eccentricity-mass distribution of exoplanets: signatures of different formation mechanisms?. <i>Astronomy and Astrophysics</i> , 2007, 464, 779-785.	5.1	48
114	CARMENES: Calar Alto high-resolution search for M dwarfs with exo-earths with a near-infrared Echelle spectrograph. <i>Proceedings of SPIE</i> , 2010, , .	0.8	47
115	K2-99: a subgiant hosting a transiting warm Jupiter in an eccentric orbit and a long-period companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2708-2716.	4.4	47
116	Is there Na I in the atmosphere of HD 209458b?. <i>Astronomy and Astrophysics</i> , 2020, 635, A206.	5.1	47
117	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 642, A173.	5.1	47
118	CHEOPS observations of the HD 108236 planetary system: a fifth planet, improved ephemerides, and planetary radii. <i>Astronomy and Astrophysics</i> , 2021, 646, A157.	5.1	47
119	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2015, 575, A111.	5.1	46
120	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 609, L5.	5.1	46
121	Water vapor detection in the transmission spectra of HD 209458 b with the CARMENES NIR channel. <i>Astronomy and Astrophysics</i> , 2019, 630, A53.	5.1	45
122	CARMENES. I: instrument and survey overview. <i>Proceedings of SPIE</i> , 2012, , .	0.8	43
123	The CARMENES Search for Exoplanets around M Dwarfs: A Low-mass Planet in the Temperate Zone of the Nearby K2-18. <i>Astronomical Journal</i> , 2018, 155, 257.	4.7	43
124	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.	12.6	41
125	HABITABLE PLANETS ECLIPSING BROWN DWARFS: STRATEGIES FOR DETECTION AND CHARACTERIZATION. <i>Astrophysical Journal</i> , 2013, 768, 125.	4.5	40
126	Search for indications of stellar mass ejections using FUV spectra. <i>Astronomy and Astrophysics</i> , 2011, 536, A62.	5.1	40



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127	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 656, A162.	5.1	40
128	Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau. <i>Nature Astronomy</i> , 2022, 6, 232-240.	10.1	40
129	The field brown dwarf LP 944-20 and the Castor moving group. <i>Astronomy and Astrophysics</i> , 2003, 400, 297-302.	5.1	39
130	Time evolution of high-energy emissions of low-mass stars. <i>Astronomy and Astrophysics</i> , 2011, 531, A7.	5.1	39
131	THE K2-ESPRINT PROJECT IV. A HOT JUPITER IN A PROGRADE ORBIT WITH A POSSIBLE STELLAR COMPANION. <i>Astrophysical Journal</i> , 2016, 825, 53.	4.5	39
132	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , 2021, 162, 295.	4.7	39
133	Pulsation analysis and its impact on primary transit modeling in WASP-33. <i>Astronomy and Astrophysics</i> , 2014, 561, A48.	5.1	38
134	The First Post-Kepler Brightness Dips of KIC 8462852. <i>Astrophysical Journal Letters</i> , 2018, 853, L8.	8.3	38
135	K2-155: A Bright Metal-poor M Dwarf with Three Transiting Super-Earths. <i>Astronomical Journal</i> , 2018, 155, 124.	4.7	38
136	Weighing stars from birth to death: mass determination methods across the HRD. <i>Astronomy and Astrophysics Review</i> , 2021, 29, 1.	25.5	38
137	Analysis of Early Science observations with the CHaracterising ExOPlanets Satellite ( <i>CHEOPS</i> ) using <i>pycheops</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 77-104.	4.4	38
138	THE K2-ESPRINT PROJECT. II. SPECTROSCOPIC FOLLOW-UP OF THREE EXOPLANET SYSTEMS FROM CAMPAIGN 1 OF K2*. <i>Astrophysical Journal</i> , 2016, 820, 56.	4.5	37
139	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 618, A115.	5.1	37
140	GJ 1214: Rotation period, starspots, and uncertainty on the optical slope of the transmission spectrum. <i>Astronomy and Astrophysics</i> , 2018, 614, A35.	5.1	37
141	Eclipsing binaries suitable for distance determination in the Andromeda Galaxy. <i>Astronomy and Astrophysics</i> , 2006, 459, 321-331.	5.1	37
142	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared. , 2018, , .		37
143	The changing face of AU Mic b: stellar spots, spin-orbit commensurability, and transit timing variations as seen by CHEOPS and TESS. <i>Astronomy and Astrophysics</i> , 2021, 654, A159.	5.1	36
144	The Large Magellanic Cloud Eclipsing Binary HV 2274: Fundamental Properties and Comparison with Evolutionary Models. <i>Astrophysical Journal</i> , 2000, 528, 692-701.	4.5	35

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145	EPIC 219388192b – An Inhabitant of the Brown Dwarf Desert in the Ruprecht 147 Open Cluster. <i>Astronomical Journal</i> , 2017, 153, 131.	4.7	35
146	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A26.	5.1	34
147	RedDots: a temperate 1.5 Earth-mass planet candidate in a compact multiterrestrial planet system around GJ 1061. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 536-550.	4.4	34
148	Could photosynthesis function on Proxima Centauri b?. <i>International Journal of Astrobiology</i> , 2018, 17, 147-176.	1.6	33
149	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. <i>Astronomy and Astrophysics</i> , 2020, 639, A132.	5.1	33
150	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 641, A69.	5.1	33
151	A comprehensive study of Cepheid variables in the Andromeda galaxy. <i>Astronomy and Astrophysics</i> , 2007, 473, 847-855.	5.1	33
152	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A27.	5.1	32
153	HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2020, 644, A68.	5.1	32
154	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
155	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 643, A112.	5.1	31
156	Detection of the hydrogen Balmer lines in the ultra-hot Jupiter WASP-33b. <i>Astronomy and Astrophysics</i> , 2021, 645, A22.	5.1	31
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