

# Enric Palle

## List of Publications by Year in descending order

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290  
papers

14,434  
citations

26630

56  
h-index

30922

102  
g-index

293  
all docs

293  
docs citations

293  
times ranked

6086  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014, 1, 014003.	1.8	2,300
2	Transiting Exoplanet Survey Satellite (TESS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	566
3	A Framework for Prioritizing the <i>TESS</i> Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114401.	3.1	314
4	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
5	ESPRESSO at VLT. <i>Astronomy and Astrophysics</i> , 2021, 645, A96.	5.1	221
6	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	7.7	190
7	Nightside condensation of iron in an ultrahot giant exoplanet. <i>Nature</i> , 2020, 580, 597-601.	27.8	178
8	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
9	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 612, A49.	5.1	173
10	TESS Discovery of a Transiting Super-Earth in the pi Mensae System. <i>Astrophysical Journal Letters</i> , 2018, 868, L39.	8.3	148
11	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
12	Earth's transmission spectrum from lunar eclipse observations. <i>Nature</i> , 2009, 459, 814-816.	27.8	144
13	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
14	The CHEOPS mission. <i>Experimental Astronomy</i> , 2021, 51, 109-151.	3.7	140
15	DISCOVERY OF A YOUNG PLANETARY MASS COMPANION TO THE NEARBY M DWARF VHS J125601.92-125723.9. <i>Astrophysical Journal</i> , 2015, 804, 96.	4.5	136
16	CARMENES instrument overview. <i>Proceedings of SPIE</i> , 2014, , .	0.8	132
17	Exoplanet Biosignatures: Observational Prospects. <i>Astrobiology</i> , 2018, 18, 739-778.	3.0	130
18	Biosignatures as revealed by spectropolarimetry of Earthshine. <i>Nature</i> , 2012, 483, 64-66.	27.8	128

#	ARTICLE	IF	CITATIONS
19	Detection of He I 10830 Å absorption on HD 189733 b with CARMENES high-resolution transmission spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 620, A97.	5.1	120
20	Identifying the Rotation Rate and the Presence of Dynamic Weather on Extrasolar Earth-like Planets from Photometric Observations. <i>Astrophysical Journal</i> , 2008, 676, 1319-1329.	4.5	118
21	Atmospheric characterization of the ultra-hot Jupiter MASCARA-2b/KELT-20b. <i>Astronomy and Astrophysics</i> , 2019, 628, A9.	5.1	117
22	A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020, 585, 363-367.	27.8	111
23	Vegetation Signature in the Observed Globally Integrated Spectrum of Earth Considering Simultaneous Cloud Data: Applications for Extrasolar Planets. <i>Astrophysical Journal</i> , 2006, 651, 544-552.	4.5	109
24	A candidate super-Earth planet orbiting near the snow line of Barnard's star. <i>Nature</i> , 2018, 563, 365-368.	27.8	109
25	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019, 871, L24.	8.3	108
26	Changes in Earth's Reflectance over the Past Two Decades. <i>Science</i> , 2004, 304, 1299-1301.	12.6	106
27	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 609, A117.	5.1	103
28	GLANCING VIEWS OF THE EARTH: FROM A LUNAR ECLIPSE TO AN EXOPLANETARY TRANSIT. <i>Astrophysical Journal</i> , 2012, 755, 103.	4.5	99
29	EChO. <i>Experimental Astronomy</i> , 2012, 34, 311-353.	3.7	98
30	Departure from the constant-period ephemeris for the transiting exoplanet WASP-12 b. <i>Astronomy and Astrophysics</i> , 2016, 588, L6.	5.1	97
31	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
32	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, A49.	5.1	95
33	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
34	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32.	4.7	93
35	Exoplanets around Low-mass Stars Unveiled by K2. <i>Astronomical Journal</i> , 2018, 155, 127.	4.7	85
36	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , 2019, 3, 1099-1108.	10.1	84

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37	Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS. <i>Astronomical Journal</i> , 2019, 158, 141.	4.7	83
38	He I $\lambda$ 10830 Å in the transmission spectrum of HD209458 b. <i>Astronomy and Astrophysics</i> , 2019, 629, A110.	5.1	81
39	Revisiting Proxima with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 639, A77.	5.1	81
40	Sunshine records from Ireland: cloud factors and possible links to solar activity and cosmic rays. <i>International Journal of Climatology</i> , 2001, 21, 709-729.	3.5	79
41	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019, 365, 1441-1445.	12.6	78
42	Atmospheric Rossiter-McLaughlin effect and transmission spectroscopy of WASP-121b with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 645, A24.	5.1	75
43	Globally Integrated Measurements of the Earth's Visible Spectral Albedo. <i>Astrophysical Journal</i> , 2005, 629, 1175-1182.	4.5	74
44	Detection of sporadic impact flashes on the Moon: Implications for the luminous efficiency of hypervelocity impacts and derived terrestrial impact rates. <i>Icarus</i> , 2006, 184, 319-326.	2.5	74
45	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. <i>Astronomical Journal</i> , 2017, 154, 226.	4.7	74
46	Na I and H $\alpha$ absorption features in the atmosphere of MASCARA-2b/KELT-20b. <i>Astronomy and Astrophysics</i> , 2018, 616, A151.	5.1	73
47	The Transiting Multi-planet System HD 3167: A 5.7 M <sub>J</sub> Super-Earth and an 8.3 M <sub>J</sub> Mini-Neptune. <i>Astronomical Journal</i> , 2017, 154, 123.	4.7	71
48	Earthshine and the Earth's albedo: 2. Observations and simulations over 3 years. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	68
49	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2018, 616, A145.	5.1	68
50	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 653, A114.	5.1	67
51	Detection of sodium in the atmosphere of WASP-69b. <i>Astronomy and Astrophysics</i> , 2017, 608, A135.	5.1	67
52	Earthshine and the Earth's albedo: 1. Earthshine observations and measurements of the lunar phase function for accurate measurements of the Earth's Bond albedo. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	66
53	A He I upper atmosphere around the warm Neptune CJ 3470 b. <i>Astronomy and Astrophysics</i> , 2020, 638, A61.	5.1	65
54	Effect of the stellar absorption line centre-to-limb variation on exoplanet transmission spectrum observations. <i>Astronomy and Astrophysics</i> , 2017, 603, A73.	5.1	64

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55	Vetting of 384 TESS Objects of Interest with TRICERATOPS and Statistical Validation of 12 Planet Candidates. <i>Astronomical Journal</i> , 2021, 161, 24.	4.7	64
56	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.	4.4	63
57	Three Super-Earths Transiting the Nearby Star GJ 9827. <i>Astronomical Journal</i> , 2017, 154, 266.	4.7	63
58	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
59	Inferring planetary obliquity using rotational and orbital photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 926-938.	4.4	62
60	Detection of Na, K, and H $\alpha$ absorption in the atmosphere of WASP-52b using ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 635, A171.	5.1	62
61	ESPRESSO high-resolution transmission spectroscopy of WASP-76 b. <i>Astronomy and Astrophysics</i> , 2021, 646, A158.	5.1	62
62	The possible connection between ionization in the atmosphere by cosmic rays and low level clouds. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004, 66, 1779-1790.	1.6	61
63	The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. <i>Astronomy and Astrophysics</i> , 2020, 643, A94.	5.1	61
64	CARMENES: an overview six months after first light. <i>Proceedings of SPIE</i> , 2016, .	0.8	59
65	RULING OUT THE ORBITAL DECAY OF THE WASP-43B EXOPLANET. <i>Astronomical Journal</i> , 2016, 151, 137.	4.7	58
66	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2014, 563, A41.	5.1	57
67	DOPPLER MONITORING OF FIVE K2 TRANSITING PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 823, 115.	4.5	57
68	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
69	Detection of Fe $\text{I}$ and Fe $\text{II}$ in the atmosphere of MASCARA-2b using $\langle b \times a / b \rangle$ cross-correlation method. <i>Astronomy and Astrophysics</i> , 2020, 638, A26.	5.1	56
70	The Lunar Terrestrial Observatory: Observing the Earth using photometers on the Moon's surface. <i>Advances in Space Research</i> , 2009, 43, 1083-1089.	2.6	55
71	THE K2-ESPRINT PROJECT. V. A SHORT-PERIOD GIANT PLANET ORBITING A SUBGIANT STAR*. <i>Astronomical Journal</i> , 2016, 152, 143.	4.7	54
72	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.	4.4	52

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73	High-resolution transmission spectrum of the Earth's atmosphere-seeing Earth as an exoplanet using a lunar eclipse. <i>International Journal of Astrobiology</i> , 2015, 14, 255-266.	1.6	51
74	K2-106, a system containing a metal-rich planet and a planet of lower density. <i>Astronomy and Astrophysics</i> , 2017, 608, A93.	5.1	51
75	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
76	44 Validated Planets from K2 Campaign 10. <i>Astronomical Journal</i> , 2018, 156, 78.	4.7	50
77	Trigonometric parallaxes of young field L dwarfs. <i>Astronomy and Astrophysics</i> , 2014, 568, A6.	5.1	49
78	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
79	K2-141 b. <i>Astronomy and Astrophysics</i> , 2018, 612, A95.	5.1	47
80	Is there Na I in the atmosphere of HD 209458b?. <i>Astronomy and Astrophysics</i> , 2020, 635, A206.	5.1	47
81	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 642, A173.	5.1	47
82	From dense hot Jupiter to low-density Neptune: The discovery of WASP-127b, WASP-136b, and WASP-138b. <i>Astronomy and Astrophysics</i> , 2017, 599, A3.	5.1	46
83	Radial velocity confirmation of K2-100b: a young, highly irradiated, and low-density transiting hot Neptune. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 698-708.	4.4	46
84	Warm terrestrial planet with half the mass of Venus transiting a nearby star. <i>Astronomy and Astrophysics</i> , 2021, 653, A41.	5.1	46
85	A temperature inversion with atomic iron in the ultra-hot dayside atmosphere of WASP-189b. <i>Astronomy and Astrophysics</i> , 2020, 640, L5.	5.1	46
86	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
87	CHARACTERIZING THE ATMOSPHERES OF TRANSITING ROCKY PLANETS AROUND LATE-TYPE DWARFS. <i>Astrophysical Journal</i> , 2011, 728, 19.	4.5	44
88	CHARACTERIZING THE PURPLE EARTH: MODELING THE GLOBALLY INTEGRATED SPECTRAL VARIABILITY OF THE ARCHEAN EARTH. <i>Astrophysical Journal</i> , 2014, 780, 52.	4.5	43
89	A precise architecture characterization of the $\epsilon$ Mensae planetary system. <i>Astronomy and Astrophysics</i> , 2020, 642, A31.	5.1	43
90	A candidate short-period sub-Earth orbiting Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2022, 658, A115.	5.1	43

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91	The first planet detected in the WTS: an inflated hot Jupiter in a 3.35â€‰d orbit around a late F star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1877-1890.	4.4	42
92	DISCOVERY OF TWO NEW THERMALLY BLOATED LOW-MASS WHITE DWARFS AMONG THE<i>KEPLER</i>BINARIES. <i>Astrophysical Journal</i> , 2015, 803, 82.	4.5	42
93	TWO HOT JUPITERS FROM K2 CAMPAIGN 4. <i>Astronomical Journal</i> , 2016, 151, 171.	4.7	42
94	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2017, 600, L11.	5.1	42
95	Three Small Planets Transiting a Hyades Star. <i>Astronomical Journal</i> , 2018, 155, 115.	4.7	41
96	Multicolour photometry for exoplanet candidate validation. <i>Astronomy and Astrophysics</i> , 2019, 630, A89.	5.1	41
97	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.	12.6	41
98	The atmosphere of HD 209458b seen with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 647, A26.	5.1	41
99	Masses and compositions of three small planets orbiting the nearby M dwarf L231-32 (TOI-270) and the M dwarf radius valley. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	41
100	Measurements of the Surface Brightness of the Earthshine with Applications to Calibrate Lunar Flashes. <i>Astronomical Journal</i> , 2007, 134, 1145-1149.	4.7	40
101	HABITABLE PLANETS ECLIPSING BROWN DWARFS: STRATEGIES FOR DETECTION AND CHARACTERIZATION. <i>Astrophysical Journal</i> , 2013, 768, 125.	4.5	40
102	ON THE EFFECTS OF THE EVOLUTION OF MICROBIAL MATS AND LAND PLANTS ON THE EARTH AS A PLANET. PHOTOMETRIC AND SPECTROSCOPIC LIGHT CURVES OF PALEO-EARTHS. <i>Astrophysical Journal</i> , 2013, 766, 133.	4.5	40
103	The proposed connection between clouds and cosmic rays: cloud behaviour during the past 50â€“120 years. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 327-337.	1.6	39
104	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
105	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
106	A cosmic ray-climate link and cloud observations. <i>Journal of Space Weather and Space Climate</i> , 2012, 2, A18.	3.3	38
107	K2-155: A Bright Metal-poor M Dwarf with Three Transiting Super-Earths. <i>Astronomical Journal</i> , 2018, 155, 124.	4.7	38
108	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

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109	MuSCAT2: four-color simultaneous camera for the 1.52-m Telescopio Carlos Sınchez. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2018, 5, 1.	1.8	37
110	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared. , 2018, , .		37
111	Gray transits of WD 1145+017 over the visible band. <i>Astronomy and Astrophysics</i> , 2016, 589, L6.	5.1	36
112	K2-111 b a short period super-Earth transiting a metal poor, evolved old star. <i>Astronomy and Astrophysics</i> , 2017, 604, A16.	5.1	36
113	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
114	WASP-127b: a misaligned planet with a partly cloudy atmosphere and tenuous sodium signature seen by ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 644, A155.	5.1	36
115	EELT-HIRES the high-resolution spectrograph for the E-ELT. <i>Proceedings of SPIE</i> , 2016, , .	0.8	34
116	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177.	4.7	34
117	Into the storm: diving into the winds of the ultra-hot Jupiter WASP-76 b with HARPS and ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 653, A73.	5.1	34
118	Transmission spectroscopy and Rossiter-McLaughlin measurements of the young Neptune orbiting AU Mic. <i>Astronomy and Astrophysics</i> , 2020, 643, A25.	5.1	34
119	JUPITER AS AN EXOPLANET: UV TO NIR TRANSMISSION SPECTRUM REVEALS HAZES, A Na LAYER, AND POSSIBLY STRATOSPHERIC H <sub>2</sub> O-ICE CLOUDS. <i>Astrophysical Journal Letters</i> , 2015, 801, L8.	8.3	33
120	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2017, 600, A138.	5.1	33
121	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
122	A planetary system with two transiting mini-Neptunes near the radius valley transition around the bright M dwarf TOI-776. <i>Astronomy and Astrophysics</i> , 2021, 645, A41.	5.1	33
123	The TESSKeck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. <i>Astronomical Journal</i> , 2020, 159, 241.	4.7	32
124	A tentative detection of HeI in the atmosphere of GJ 1214 b. <i>Astronomy and Astrophysics</i> , 2022, 659, A55.	5.1	32
125	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
126	USING THE ROSSITERMcLAUGHLIN EFFECT TO OBSERVE THE TRANSMISSION SPECTRUM OF EARTHS ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2015, 806, L23.	8.3	31



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127	Detection of the hydrogen Balmer lines in the ultra-hot Jupiter WASP-33b. <i>Astronomy and Astrophysics</i> , 2021, 645, A22.	5.1	31
128	GJ 1252 b: A 1.2 R <sub>J</sub> Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020, 890, L7.	8.3	31
129	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2016, 594, A65.	5.1	30
130	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. <i>Astronomical Journal</i> , 2021, 161, 56.	4.7	30
131	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. <i>Science</i> , 2021, 374, 1271-1275.	12.6	30
132	Simultaneous optical and near-infrared linear spectropolarimetry of the earthshine. <i>Astronomy and Astrophysics</i> , 2014, 562, L5.	5.1	29
133	Super-Earth of 8 M <sub>J</sub> in a 2.2-day orbit around the K5V star K2-216. <i>Astronomy and Astrophysics</i> , 2018, 618, A33.	5.1	29
134	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. <i>Astrophysical Journal Letters</i> , 2019, 876, L24.	8.3	29
135	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019, 623, A165.	5.1	29
136	CARMENES detection of the Ca II infrared triplet and possible evidence of He I in the atmosphere of WASP-76b. <i>Astronomy and Astrophysics</i> , 2021, 654, A163.	5.1	29
137	H <sub>α</sub> and He I absorption in HAT-P-32 b observed with CARMENES. <i>Astronomy and Astrophysics</i> , 2022, 657, A6.	5.1	29
138	The centre-to-limb variations of solar Fraunhofer lines imprinted upon lunar eclipse spectra. <i>Astronomy and Astrophysics</i> , 2015, 574, A94.	5.1	28
139	HD 144548: A young triply eclipsing system in the Upper Scorpius OB association. <i>Astronomy and Astrophysics</i> , 2015, 584, L8.	5.1	28
140	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2016, 585, A114.	5.1	28
141	The K2-ESPRINT project. VI. K2-105Ab, a hot Neptune around a metal-rich G-dwarf. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	2.5	28
142	MuSCAT2 multicolour validation of TESS candidates: an ultra-short-period substellar object around an M dwarf. <i>Astronomy and Astrophysics</i> , 2020, 633, A28.	5.1	28
143	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5399-5412.	4.4	28
144	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	4.7	28

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145	Narrow band H $\alpha$ photometry of the super-Earth GJ 1214b with GTC/OSIRIS tunable filters. <i>Astronomy and Astrophysics</i> , 2012, 544, A41.	5.1	27
146	Earthshine observations at high spectral resolution: exploring and detecting metal lines in the Earth's upper atmosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2574-2580.	4.4	27
147	Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). <i>Astronomy and Astrophysics</i> , 2020, 642, A236.	5.1	27
148	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020, 368, 1477-1481.	12.6	27
149	Modelling the He I triplet absorption at 10 830 Å in the atmospheres of HD 189733 b and GJ 3470 b. <i>Astronomy and Astrophysics</i> , 2021, 647, A129.	5.1	27
150	An ultra-short-period transiting super-Earth orbiting the M3 dwarf TOI-1685. <i>Astronomy and Astrophysics</i> , 2021, 650, A78.	5.1	27
151	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 644, A127.	5.1	27
152	Lunar eclipse theory revisited: Scattered sunlight in both the quiescent and the volcanically perturbed atmosphere. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 1609-1621.	2.3	26
153	Possible satellite perspective effects on the reported correlations between solar activity and clouds. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	25
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