

# S. G. Sousa

## List of Publications by Year in descending order

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243  
papers

13,079  
citations

20817

60  
h-index

31849

101  
g-index

245  
all docs

245  
docs citations

245  
times ranked

5759  
citing authors

#	ARTICLE	IF	CITATIONS
1	The PLATO 2.0 mission. <i>Experimental Astronomy</i> , 2014, 38, 249-330.	3.7	912
2	Spectroscopic parameters for 451 stars in the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2008, 487, 373-381.	5.1	455
3	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2012, 545, A32.	5.1	414
4	Ensemble Asteroseismology of Solar-Type Stars with the NASA Kepler Mission. <i>Science</i> , 2011, 332, 213-216.	12.6	267
5	A new code for automatic determination of equivalent widths: Automatic Routine for line Equivalent widths in stellar Spectra (ARES). <i>Astronomy and Astrophysics</i> , 2007, 469, 783-791.	5.1	238
6	Spectroscopic stellar parameters for 582 FGK stars in the HARPS volume-limited sample. <i>Astronomy and Astrophysics</i> , 2011, 533, A141.	5.1	230
7	<i>Kepler</i> FGK benchmark stars: Metallicity. <i>Astronomy and Astrophysics</i> , 2014, 564, A133.	5.1	227
8	A mean redshift of 2.8 for Swift gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2006, 447, 897-903.	5.1	221
9	ESPRESSO at VLT. <i>Astronomy and Astrophysics</i> , 2021, 645, A96.	5.1	221
10	SWEET-Cat: A catalogue of parameters for Stars With Exoplanets. <i>Astronomy and Astrophysics</i> , 2013, 556, A150.	5.1	218
11	FUNDAMENTAL PROPERTIES OF STARS USING ASTEROSEISMOLOGY FROM <i>Kepler</i> AND <i>CoRoT</i> AND INTERFEROMETRY FROM THE CHARA ARRAY. <i>Astrophysical Journal</i> , 2012, 760, 32.	4.5	206
12	Spectroscopic metallicities for planet-host stars: Extending the samples. <i>Astronomy and Astrophysics</i> , 2005, 437, 1127-1133.	5.1	182
13	Nightside condensation of iron in an ultrahot giant exoplanet. <i>Nature</i> , 2020, 580, 597-601.	27.8	178
14	ESPRESSO: The next European exoplanet hunter. <i>Astronomische Nachrichten</i> , 2014, 335, 8-20.	1.2	165
15	The <i>Kepler</i> -ESO Survey: The analysis of high-resolution LIVES spectra of FGK-type stars. <i>Astronomy and Astrophysics</i> , 2014, 570, A122.	5.1	165
16	Enhanced lithium depletion in Sun-like stars with orbiting planets. <i>Nature</i> , 2009, 462, 189-191.	27.8	164
17	AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170.	4.5	164
18	ARES v2: new features and improved performance. <i>Astronomy and Astrophysics</i> , 2015, 577, A67.	5.1	149

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19	RADIUS DETERMINATION OF SOLAR-TYPE STARS USING ASTEROSEISMOLOGY: WHAT TO EXPECT FROM THE KEPLER MISSION. <i>Astrophysical Journal</i> , 2009, 700, 1589-1602.	4.5	141
20	The CHEOPS mission. <i>Experimental Astronomy</i> , 2021, 51, 109-151.	3.7	140
21	Chemical abundances of 451 stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2009, 497, 563-581.	5.1	140
22	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2017, 606, A94.	5.1	133
23	A PRECISE ASTEROSEISMIC AGE AND RADIUS FOR THE EVOLVED SUN-LIKE STAR KIC 11026764. <i>Astrophysical Journal</i> , 2010, 723, 1583-1598.	4.5	130
24	Kinematics and chemical properties of the Galactic stellar populations. <i>Astronomy and Astrophysics</i> , 2013, 554, A44.	5.1	124
25	<i>Gaia</i> FGK benchmark stars: abundances of $\alpha$ and iron-peak elements. <i>Astronomy and Astrophysics</i> , 2015, 582, A81.	5.1	123
26	THE ASTEROSEISMIC POTENTIAL OF <i>KEPLER</i> : FIRST RESULTS FOR SOLAR-TYPE STARS. <i>Astrophysical Journal Letters</i> , 2010, 713, L169-L175.	8.3	122
27	Deriving precise parameters for cool solar-type stars. <i>Astronomy and Astrophysics</i> , 2013, 555, A150.	5.1	122
28	A new $\alpha$ -enhanced super-solar metallicity population. <i>Astronomy and Astrophysics</i> , 2011, 535, L11.	5.1	120
29	STELLAR AGES AND CONVECTIVE CORES IN FIELD MAIN-SEQUENCE STARS: FIRST ASTEROSEISMIC APPLICATION TO TWO <i>KEPLER</i> TARGETS. <i>Astrophysical Journal</i> , 2013, 769, 141.	4.5	115
30	The <i>Gaia</i> -ESO Survey: the chemical structure of the Galactic discs from the first internal data release. <i>Astronomy and Astrophysics</i> , 2014, 572, A33.	5.1	103
31	Overabundance of $\alpha$ -elements in exoplanet-hosting stars. <i>Astronomy and Astrophysics</i> , 2012, 543, A89.	5.1	102
32	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
33	SEARCHING FOR THE SIGNATURES OF TERRESTRIAL PLANETS IN SOLAR ANALOGS. <i>Astrophysical Journal</i> , 2010, 720, 1592-1602.	4.5	93
34	Abundance to age ratios in the HARPS-GTO sample with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 624, A78.	5.1	92
35	Spectroscopic characterization of a sample of metal-poor solar-type stars from the HARPS planet search program. <i>Astronomy and Astrophysics</i> , 2011, 526, A99.	5.1	91
36	Li abundances in F stars: planets, rotation, and Galactic evolution. <i>Astronomy and Astrophysics</i> , 2015, 576, A69.	5.1	90

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37	The Gaia-ESO Survey. <i>Astronomy and Astrophysics</i> , 2017, 601, A112.	5.1	90
38	Li depletion in solar analogues with exoplanets. <i>Astronomy and Astrophysics</i> , 2014, 562, A92.	5.1	89
39	Atmospheric parameters of 169 F-, G-, K- and M-type stars in the Kepler field.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1422-1434.	4.4	85
40	The HARPS search for southern extra-solar planets. <i>Astronomy and Astrophysics</i> , 2014, 566, A35.	5.1	83
41	New and updated stellar parameters for 71 evolved planet hosts. <i>Astronomy and Astrophysics</i> , 2013, 557, A70.	5.1	83
42	Exploring the $\alpha$ -enhancement of metal-poor planet-hosting stars. The Kepler and HARPS samples. <i>Astronomy and Astrophysics</i> , 2012, 547, A36.	5.1	81
43	New and updated stellar parameters for 90 transit hosts. <i>Astronomy and Astrophysics</i> , 2013, 558, A106.	5.1	79
44	An Earth-sized exoplanet with a Mercury-like composition. <i>Nature Astronomy</i> , 2018, 2, 393-400.	10.1	75
45	A compositional link between rocky exoplanets and their host stars. <i>Science</i> , 2021, 374, 330-332.	12.6	75
46	On the origin of stars with and without planets. <i>Astronomy and Astrophysics</i> , 2014, 564, L15.	5.1	74
47	Oxygen abundances in G- and F-type stars from HARPS. <i>Astronomy and Astrophysics</i> , 2015, 576, A89.	5.1	74
48	The radius and mass of the close solar twin 18 Å Scorpii derived from asteroseismology and interferometry. <i>Astronomy and Astrophysics</i> , 2011, 526, L4.	5.1	73
49	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42.	27.8	73
50	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
51	Orbital and physical properties of planets and their hosts: new insights on planet formation and evolution. <i>Astronomy and Astrophysics</i> , 2013, 560, A51.	5.1	72
52	Correcting the spectroscopic surface gravity using transits and asteroseismology. <i>Astronomy and Astrophysics</i> , 2014, 572, A95.	5.1	71
53	A new Neptune-mass planet orbiting HD 219828. <i>Astronomy and Astrophysics</i> , 2007, 467, 721-727.	5.1	70
54	Searching for the signatures of terrestrial planets in F-, G-type main-sequence stars. <i>Astronomy and Astrophysics</i> , 2013, 552, A6.	5.1	70

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55	The <i>Gaia</i> -ESO Survey: Chromospheric emission, accretion properties, and rotation in $\tau^3$ Velorum and Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2015, 575, A4.	5.1	69
56	The <i>Gaia</i> -ESO Survey: revisiting the Li-rich giant problem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3336-3352.	4.4	69
57	Expected performances of the Characterising Exoplanet Satellite (CHEOPS). <i>Astronomy and Astrophysics</i> , 2020, 635, A24.	5.1	69
58	Constraining planet structure from stellar chemistry: the cases of CoRoT-7, Kepler-10, and Kepler-93. <i>Astronomy and Astrophysics</i> , 2015, 580, L13.	5.1	67
59	Observational evidence for two distinct giant planet populations. <i>Astronomy and Astrophysics</i> , 2017, 603, A30.	5.1	66
60	SWEET-Cat updated. <i>Astronomy and Astrophysics</i> , 2018, 620, A58.	5.1	64
61	The <i>Gaia</i> -ESO Survey: the present-day radial metallicity distribution of the Galactic disc probed by pre-main-sequence clusters. <i>Astronomy and Astrophysics</i> , 2017, 601, A70.	5.1	63
62	ESPRESSO high-resolution transmission spectroscopy of WASP-76 b. <i>Astronomy and Astrophysics</i> , 2021, 646, A158.	5.1	62
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	The HARPS search for southern extrasolar planets. <i>Astronomy and Astrophysics</i> , 2011, 526, A112.	5.1	59
65	On the functional form of the metallicity-giant planet correlation. <i>Astronomy and Astrophysics</i> , 2013, 551, A112.	5.1	59
66	A COMPARISON OF STELLAR ELEMENTAL ABUNDANCE TECHNIQUES AND MEASUREMENTS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 4.	7.7	59
67	Evidence for a spectroscopic direct detection of reflected light from 51 Pegasi b. <i>Astronomy and Astrophysics</i> , 2015, 576, A134.	5.1	57
68	Identifying the best iron-peak and $\hat{\tau}$ -capture elements for chemical tagging: The impact of the number of lines on measured scatter. <i>Astronomy and Astrophysics</i> , 2015, 583, A94.	5.1	57
69	The <i>Gaia</i> -ESO Survey: Probes of the inner disk abundance gradient. <i>Astronomy and Astrophysics</i> , 2016, 591, A37.	5.1	57
70	The <i>Gaia</i> -ESO Survey: Sodium and aluminium abundances in giants and dwarfs. <i>Astronomy and Astrophysics</i> , 2016, 589, A115.	5.1	55
71	Constraining planet structure and composition from stellar chemistry: trends in different stellar populations. <i>Astronomy and Astrophysics</i> , 2017, 608, A94.	5.1	55
72	The <i>Gaia</i> -ESO Survey: open clusters in <i>Gaia</i> -DR1. <i>Astronomy and Astrophysics</i> , 2018, 612, A99.	5.1	53

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73	The <i>Gaia</i> -ESO Survey: Calibration strategy. <i>Astronomy and Astrophysics</i> , 2017, 598, A5.	5.1	51
74	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
75	Spectroscopic parameters for a sample of metal-rich solar-type stars. <i>Astronomy and Astrophysics</i> , 2006, 458, 873-880.	5.1	51
76	ARES + MOOG: A Practical Overview of an Equivalent Width (EW) Method to Derive Stellar Parameters. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2014, , 297-310.	0.2	50
77	The <i>Gaia</i> -ESO Survey: a new approach to chemically characterising young open clusters. <i>Astronomy and Astrophysics</i> , 2020, 634, A34.	5.1	48
78	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
79	Stellar chromospheric activity of 1674 FGK stars from the AMBRE-HARPS sample. <i>Astronomy and Astrophysics</i> , 2021, 646, A77.	5.1	47
80	Sounding stellar cycles with Kepler " II. Ground-based observations".... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 3227-3238.	4.4	46
81	The <i>Gaia</i> -ESO Survey: A lithium-rotation connection at 5 Myr?. <i>Astronomy and Astrophysics</i> , 2016, 590, A78.	5.1	46
82	Warm terrestrial planet with half the mass of Venus transiting a nearby star. <i>Astronomy and Astrophysics</i> , 2021, 653, A41.	5.1	46
83	A homogeneous spectroscopic analysis of host stars of transiting planets. <i>Astronomy and Astrophysics</i> , 2009, 507, 523-530.	5.1	45
84	The HARPS search for southern extra-solar planets. <i>Astronomy and Astrophysics</i> , 2011, 527, A63.	5.1	45
85	The <i>Gaia</i> -ESO Survey: impact of extra mixing on C and N abundances of giant stars. <i>Astronomy and Astrophysics</i> , 2019, 621, A24.	5.1	45
86	K2-29 b/WASP-152 b: AN ALIGNED AND INFLATED HOT JUPITER IN A YOUNG VISUAL BINARY. <i>Astrophysical Journal</i> , 2016, 824, 55.	4.5	44
87	The <i>Gaia</i> -ESO Survey: Insights into the inner-disc evolution from open clusters. <i>Astronomy and Astrophysics</i> , 2015, 580, A85.	5.1	44
88	THE HOMOGENEOUS STUDY OF TRANSITING SYSTEMS (HoSTS). I. THE PILOT STUDY OF WASP-13. <i>Astrophysical Journal</i> , 2013, 768, 79.	4.5	43
89	From stellar to planetary composition: Galactic chemical evolution of Mg/Si mineralogical ratio. <i>Astronomy and Astrophysics</i> , 2015, 581, L2.	5.1	43
90	The <i>Gaia</i> -ESO Survey: CNO abundances in the open clusters Trumpler 20, NGC 4815, and NGC 6705. <i>Astronomy and Astrophysics</i> , 2015, 573, A55.	5.1	43

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91	A precise architecture characterization of the $\epsilon$ Mensae planetary system. <i>Astronomy and Astrophysics</i> , 2020, 642, A31.	5.1	43
92	A candidate short-period sub-Earth orbiting Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2022, 658, A115.	5.1	43
93	The <i>Gaia</i> -ESO Survey: the origin and evolution of <i>s</i> -process elements. <i>Astronomy and Astrophysics</i> , 2018, 617, A106.	5.1	41
94	The atmosphere of HD 209458b seen with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 647, A26.	5.1	41
95	The <i>Gaia</i> -ESO Survey and CSI 2264: Substructures, disks, and sequential star formation in the young open cluster NGC 2264. <i>Astronomy and Astrophysics</i> , 2018, 609, A10.	5.1	40
96	The <i>Gaia</i> -ESO Survey: evidence of atomic diffusion in M67?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 425-438.	4.4	40
97	Detection and characterisation of 54 massive companions with the SOPHIE spectrograph. <i>Astronomy and Astrophysics</i> , 2019, 631, A125.	5.1	40
98	The <i>Gaia</i> -ESO Survey: Galactic evolution of sulphur and zinc. <i>Astronomy and Astrophysics</i> , 2017, 604, A128.	5.1	39
99	The <i>Gaia</i> -ESO survey: Calibrating a relationship between age and the [C/N] abundance ratio with open clusters. <i>Astronomy and Astrophysics</i> , 2019, 629, A62.	5.1	39
100	Catalog for the ESPRESSO blind radial velocity exoplanet survey. <i>Astronomy and Astrophysics</i> , 2019, 629, A80.	5.1	38
101	HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ( $V = 7.9$ ) star unveiled by <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2982-2999.	4.4	38
102	Analysis of Early Science observations with the CHaracterising ExOPlanets Satellite ( <i>CHEOPS</i> ) using <code>pycheops</code> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 77-104.	4.4	38
103	CONSTRUCTING A ONE-SOLAR-MASS EVOLUTIONARY SEQUENCE USING ASTEROSEISMIC DATA FROM <i>KEPLER</i> . <i>Astrophysical Journal Letters</i> , 2011, 740, L2.	8.3	37
104	SWEET-Cat 2.0: The Cat just got SWEETer. <i>Astronomy and Astrophysics</i> , 2021, 656, A53.	5.1	37
105	The changing face of AU Mic b: stellar spots, spin-orbit commensurability, and transit timing variations as seen by <i>CHEOPS</i> and <i>TESS</i> . <i>Astronomy and Astrophysics</i> , 2021, 654, A159.	5.1	36
106	The <i>Gaia</i> -ESO Survey: Empirical determination of the precision of stellar radial velocities and projected rotation velocities. <i>Astronomy and Astrophysics</i> , 2015, 580, A75.	5.1	36
107	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
108	AstroFLAG: First results from the <i>hounds</i> Exercise #1. <i>Astronomische Nachrichten</i> , 2008, 329, 549-557.	1.2	35

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109	Gaia-ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , 2015, 576, A80.	5.1	35
110	Fundamental properties of five <i>Kepler</i> stars using global asteroseismic quantities and ground-based observations. <i>Astronomy and Astrophysics</i> , 2012, 537, A111.	5.1	34
111	Homogeneous spectroscopic parameters for bright planet host stars from the northern hemisphere. <i>Astronomy and Astrophysics</i> , 2015, 576, A94.	5.1	34
112	EELT-HIRES the high-resolution spectrograph for the E-ELT. <i>Proceedings of SPIE</i> , 2016, , .	0.8	34
113	CNO behaviour in planet-harboring stars. <i>Astronomy and Astrophysics</i> , 2017, 599, A96.	5.1	34
114	The <i>Gaia</i> -ESO Survey: properties of newly discovered Li-rich giants. <i>Astronomy and Astrophysics</i> , 2018, 617, A4.	5.1	34
115	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
116	Searching for Li-rich giants in a sample of 12 open clusters. <i>Astronomy and Astrophysics</i> , 2016, 587, A66.	5.1	33
117	EPIC 201702477b: A TRANSITING BROWN DWARF FROM K2 IN A 41 DAY ORBIT. <i>Astronomical Journal</i> , 2017, 153, 15.	4.7	33
118	C/O vs. Mg/Si ratios in solar type stars: The HARPS sample. <i>Astronomy and Astrophysics</i> , 2018, 614, A84.	5.1	33
119	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2021, 655, A99.	5.1	33
120	The <i>Gaia</i> -ESO Survey: Dynamical analysis of the L1688 region in Ophiuchus. <i>Astronomy and Astrophysics</i> , 2016, 588, A123.	5.1	32
121	On mode conversion and wave reflection in magnetic Ap stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 531-542.	4.4	31
122	The <i>Gaia</i> -ESO Survey: a kinematical and dynamical study of four young open clusters. <i>Astronomy and Astrophysics</i> , 2018, 615, A37.	5.1	31
123	The <i>Gaia</i> -ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. <i>Astronomy and Astrophysics</i> , 2018, 610, A38.	5.1	31
124	The HARPS search for southern extra-solar planets. <i>Astronomy and Astrophysics</i> , 2010, 512, A47.	5.1	31
125	The <i>Gaia</i> -ESO Survey: the first abundance determination of the pre-main-sequence cluster gamma Velorum. <i>Astronomy and Astrophysics</i> , 2014, 567, A55.	5.1	30
126	SWEET-Cat update and FASMA. <i>Astronomy and Astrophysics</i> , 2017, 600, A69.	5.1	30



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127	CHEOPS precision phase curve of the Super-Earth 55 Cancri e. <i>Astronomy and Astrophysics</i> , 2021, 653, A173.	5.1	30
128	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071.	4.4	30
129	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019, 623, A165.	5.1	29
130	Decoding the radial velocity variations of HD 41248 with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 635, A13.	5.1	29
131	Higher depletion of lithium in planet host stars: no age and mass effect. <i>Astronomy and Astrophysics</i> , 2010, 512, L5.	5.1	28
132	Exoplanet hosts reveal lithium depletion. <i>Astronomy and Astrophysics</i> , 2014, 570, A21.	5.1	28
133	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31.	4.5	28
134	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
135	Spectroscopic parameters for solar-type stars with moderate-to-high rotation. <i>Astronomy and Astrophysics</i> , 2014, 570, A80.	5.1	28
136	The Gaia-ESO Survey: Metallicity of the Chamaeleon I star-forming region. <i>Astronomy and Astrophysics</i> , 2014, 568, A2.	5.1	27
137	The Gaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2017, 601, A97.	5.1	27
138	Exoplanet characterisation in the longest known resonant chain: the K2-138 system seen by HARPS. <i>Astronomy and Astrophysics</i> , 2019, 631, A90.	5.1	27
139	An effective temperature calibration for solar type stars using equivalent width ratios. <i>Astronomy and Astrophysics</i> , 2010, 512, A13.	5.1	26
140	The Gaia-ESO Survey: chemical signatures of rocky accretion in a young solar-type star. <i>Astronomy and Astrophysics</i> , 2015, 582, L6.	5.1	26
141	The atmosphere and architecture of WASP-189 b probed by its CHEOPS phase curve. <i>Astronomy and Astrophysics</i> , 2022, 659, A74.	5.1	26
142	CNO behaviour in planet-harboured stars. <i>Astronomy and Astrophysics</i> , 2016, 591, A69.	5.1	25
143	The Gaia-ESO Survey: Calibrating the lithium-“age relation with open clusters and associations. <i>Astronomy and Astrophysics</i> , 2020, 643, A71.	5.1	25
144	Spi-OPS: Spitzer and CHEOPS confirm the near-polar orbit of MASCARA-1 b and reveal a hint of dayside reflection. <i>Astronomy and Astrophysics</i> , 2022, 658, A75.	5.1	25

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145	The young HD 73583 (TOI-560) planetary system: two 10-M $\text{J}$ mini-Neptunes transiting a 500-Myr-old, bright, and active K dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1606-1627.	4.4	25
146	<i>Î</i> <sup>2</sup> Reticuli, its debris disk, and its lonely stellar companion <i>Î</i> <sup>1</sup> Ret. <i>Astronomy and Astrophysics</i> , 2016, 591, A34.	5.1	24
147	K2-110 b: a massive mini-Neptune exoplanet. <i>Astronomy and Astrophysics</i> , 2017, 604, A19.	5.1	24
148	Estimating the p-mode frequencies of the solar twin 18 Scorpii. <i>Astronomy and Astrophysics</i> , 2012, 544, A106.	5.1	23
149	Chemical abundances and kinematics of 257 K-type field giants. Setting a base for further analysis of giant-planet properties orbiting evolved stars.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1900-1915.	4.4	23
150	Abundance trend with condensation temperature for stars with different Galactic birth places. <i>Astronomy and Astrophysics</i> , 2016, 592, A87.	5.1	23
151	Precise masses for the transiting planetary system HD 106315 with HARPS. <i>Astronomy and Astrophysics</i> , 2017, 608, A25.	5.1	23
152	The Rossiter-McLaughlin effect revolutions: an ultra-short period planet and a warm mini-Neptune on perpendicular orbits. <i>Astronomy and Astrophysics</i> , 2021, 654, A152.	5.1	23
153	ODUSSEAS: a machine learning tool to derive effective temperature and metallicity for M dwarf stars. <i>Astronomy and Astrophysics</i> , 2020, 636, A9.	5.1	23
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