

S. G. Sousa

List of Publications by Year in descending order

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243
papers

13,079
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20817

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#	ARTICLE	IF	CITATIONS
1	The HD 137496 system: A dense, hot super-Mercury and a cold Jupiter. <i>Astronomy and Astrophysics</i> , 2022, 657, A68.	5.1	11
2	HD 207897 b: A dense sub-Neptune transiting a nearby and bright K-type star. <i>Astronomy and Astrophysics</i> , 2022, 658, A176.	5.1	5
3	Detection of the tidal deformation of WASP-103b at 3 σ with CHEOPS. <i>Astronomy and Astrophysics</i> , 2022, 657, A52.	5.1	22
4	Analysis of Early Science observations with the CHaracterising ExOPlanets Satellite (CHEOPS) using <code>pycheops</code> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 77-104.	4.4	38
5	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
6	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
7	Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4551-4571.	4.4	17
8	CORALIE radial-velocity search for companions around evolved stars (CASCADES). <i>Astronomy and Astrophysics</i> , 2022, 657, A87.	5.1	6
9	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
10	CaRM: Exploring the chromatic Rossiter-McLaughlin effect. <i>Astronomy and Astrophysics</i> , 2022, 660, A52.	5.1	3
11	A candidate short-period sub-Earth orbiting Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2022, 658, A115.	5.1	43
12	Transit timing variations of AU Microscopii b and c. <i>Astronomy and Astrophysics</i> , 2022, 659, L7.	5.1	12
13	The First Near-infrared Transmission Spectrum of HIP 41378 f, A Low-mass Temperate Jovian World in a Multiplanet System. <i>Astrophysical Journal Letters</i> , 2022, 927, L5.	8.3	16
14	CHEOPS geometric albedo of the hot Jupiter HD 209458 b. <i>Astronomy and Astrophysics</i> , 2022, 659, L4.	5.1	20
15	The young HD 73583 (TOI-560) planetary system: two 10-M \ddot{a} Š 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
16	The CHEOPS mission. <i>Experimental Astronomy</i> , 2021, 51, 109-151.	3.7	140
17	ESPRESSO at VLT. <i>Astronomy and Astrophysics</i> , 2021, 645, A96.	5.1	221
18	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

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19	ESPRESSO high-resolution transmission spectroscopy of WASP-76 b. <i>Astronomy and Astrophysics</i> , 2021, 646, A158.	5.1	62
20	Fundamental physics with ESPRESSO: Towards an accurate wavelength calibration for a precision test of the fine-structure constant. <i>Astronomy and Astrophysics</i> , 2021, 646, A144.	5.1	18
21	Stellar chromospheric activity of 1674 FGK stars from the AMBRE-HARPS sample. <i>Astronomy and Astrophysics</i> , 2021, 646, A77.	5.1	47
22	The atmosphere of HD 209458b seen with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 647, A26.	5.1	41
23	A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130). <i>Astronomy and Astrophysics</i> , 2021, 648, A75.	5.1	22
24	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
25	Stellar clustering and orbital architecture of planetary systems. <i>Astronomy and Astrophysics</i> , 2021, 649, A111.	5.1	15
26	The EBLM project â€“ VIII. First results for M-dwarf mass, radius, and effective temperature measurements using CHEOPS light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 306-322.	4.4	15
27	Exploiting timing capabilities of the CHEOPS mission with warm-Jupiter planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3810-3830.	4.4	18
28	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
29	A search for transiting planets around hot subdwarfs. <i>Astronomy and Astrophysics</i> , 2021, 650, A205.	5.1	18
30	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
31	The SOPHIE search for northern extrasolar planets. <i>Astronomy and Astrophysics</i> , 2021, 653, A78.	5.1	5
32	HD 22496 b: The first ESPRESSO stand-alone planet discovery. <i>Astronomy and Astrophysics</i> , 2021, 654, A60.	5.1	6
33	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2021, 655, A99.	5.1	33
34	TESS and HARPS reveal two sub-Neptunes around TOI 1062. <i>Astronomy and Astrophysics</i> , 2021, 653, A105.	5.1	3
35	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
36	CHEOPS precision phase curve of the Super-Earth 55 Cancri e. <i>Astronomy and Astrophysics</i> , 2021, 653, A173.	5.1	30

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37	Warm terrestrial planet with half the mass of Venus transiting a nearby star. <i>Astronomy and Astrophysics</i> , 2021, 653, A41.	5.1	46
38	The Rossiterâ€“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
39	SWEET-Cat 2.0: The Cat just got SWEETer. <i>Astronomy and Astrophysics</i> , 2021, 656, A53.	5.1	37
40	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* â€“. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 33.	7.7	19
41	A hot mini-Neptune in the radius valley orbiting solar analogue HDâ€“110113. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4842-4857.	4.4	10
42	A compositional link between rocky exoplanets and their host stars. <i>Science</i> , 2021, 374, 330-332.	12.6	75
43	HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ($V=7.9$) star unveiled by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2982-2999.	4.4	38
44	<sc>archi</sc>: pipeline for light curve extraction of CHEOPS background stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 282-294.	4.4	0
45	The correlation between photometric variability and radial velocity jitter. <i>Astronomy and Astrophysics</i> , 2020, 639, A35.	5.1	21
46	Expected performances of the Characterising Exoplanet Satellite (CHEOPS). <i>Astronomy and Astrophysics</i> , 2020, 635, A24.	5.1	69
47	Decoding the radial velocity variations of HD 41248 with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 635, A13.	5.1	29
48	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42.	27.8	73
49	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
50	The Gaia-ESO Survey: a new approach to chemically characterising young open clusters. <i>Astronomy and Astrophysics</i> , 2020, 634, A34.	5.1	48
51	Night-side condensation of iron in an ultrahot giant exoplanet. <i>Nature</i> , 2020, 580, 597-601.	27.8	178
52	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
53	Masses for the seven planets in K2-32 and K2-233. <i>Astronomy and Astrophysics</i> , 2020, 640, A48.	5.1	18
54	Characterization of the K2-38 planetary system. <i>Astronomy and Astrophysics</i> , 2020, 641, A92.	5.1	17

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55	A precise architecture characterization of the <i>Kepler</i> Mensae planetary system. <i>Astronomy and Astrophysics</i> , 2020, 642, A31.	5.1	43
56	The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. <i>Astronomy and Astrophysics</i> , 2020, 643, A94.	5.1	61
57	Benchmark stars, benchmark spectrographs. <i>Astronomy and Astrophysics</i> , 2020, 642, A182.	5.1	7
58	Search for helium in the upper atmosphere of the hot Jupiter WASP-127 b using Gemini/Phoenix. <i>Astronomy and Astrophysics</i> , 2020, 640, A29.	5.1	21
59	Hot Exoplanet Atmospheres Resolved with Transit Spectroscopy (HEARTS). <i>Astronomy and Astrophysics</i> , 2020, 643, A45.	5.1	17
60	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
61	Broadband transmission spectroscopy of HD 209458b with ESPRESSO: evidence for Na, TiO, or both. <i>Astronomy and Astrophysics</i> , 2020, 644, A51.	5.1	13
62	K2-111: an old system with two planets in near-resonance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5004-5021.	4.4	22
63	The <i>Gaia</i> -ESO Survey: Calibrating the lithium age relation with open clusters and associations. <i>Astronomy and Astrophysics</i> , 2020, 643, A71.	5.1	25
64	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31.	4.5	28
65	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
66	Catalog for the ESPRESSO blind radial velocity exoplanet survey. <i>Astronomy and Astrophysics</i> , 2019, 629, A80.	5.1	38
67	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
68	On the Nature of the Core of $\hat{\iota}$ Centauri A: The Impact of the Metallicity Mixture. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	4
69	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
70	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019, 623, A165.	5.1	29
71	The metallicity-period-mass diagram of low-mass exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3981-3990.	4.4	14
72	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

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73	On the iron ionization balance of cool stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2772-2782.	4.4	13
74	Detection and characterisation of 54 massive companions with the SOPHIE spectrograph. <i>Astronomy and Astrophysics</i> , 2019, 631, A125.	5.1	40
75	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
76	Atmospheric stellar parameters for large surveys using FASMA, a new spectral synthesis package. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5066-5097.	4.4	16
77	The Gaia-ESO Survey: matching chemodynamical simulations to observations of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 185-197.	4.4	11
78	An Earth-sized exoplanet with a Mercury-like composition. <i>Nature Astronomy</i> , 2018, 2, 393-400.	10.1	75
79	Tutorial: Measuring Stellar Atmospheric Parameters with ARES+MOOG. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2018, , 275-282.	0.3	0
80	Characterization of Exoplanet-Host Stars. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2018, , 225-238.	0.3	4
81	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
82	SWEET-Cat updated. <i>Astronomy and Astrophysics</i> , 2018, 620, A58.	5.1	64
83	The AMBRE project: searching for the closest solar siblings. <i>Astronomy and Astrophysics</i> , 2018, 619, A130.	5.1	10
84	Distinguishing the albedo of exoplanets from stellar activity. <i>Astronomy and Astrophysics</i> , 2018, 611, A8.	5.1	13
85	K2-265 b: a transiting rocky super-Earth. <i>Astronomy and Astrophysics</i> , 2018, 620, A77.	5.1	17
86	Planets around evolved intermediate-mass stars. <i>Astronomy and Astrophysics</i> , 2018, 619, A2.	5.1	18
87	C/O vs. Mg/Si ratios in solar type stars: The HARPS sample. <i>Astronomy and Astrophysics</i> , 2018, 614, A84.	5.1	33
88	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
89	The <i>Gaia</i>-ESO Survey: properties of newly discovered Li-rich giants. <i>Astronomy and Astrophysics</i> , 2018, 617, A4.	5.1	34
90	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

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91	The Gaia-ESO Survey: evidence of atomic diffusion in M67?. Monthly Notices of the Royal Astronomical Society, 2018, 478, 425-438.	4.4	40
92	The <i>Gaia</i>-ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. Astronomy and Astrophysics, 2018, 610, A38.	5.1	31
93	Chemical Abundances of Neutron-capture Elements in Exoplanet-hosting Stars. Publications of the Astronomical Society of the Pacific, 2018, 130, 094202.	3.1	9
94	The <i>Gaia</i>-ESO Survey: open clusters in <i>Gaia</i>-DR1. Astronomy and Astrophysics, 2018, 612, A99.	5.1	53
95	̂± Centauri A as a potential stellar model calibrator: establishing the nature of its core. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 479, L55-L59.	3.3	8
96	EPIC 201702477b: A TRANSITING BROWN DWARF FROM K2 IN A 41 DAY ORBIT. Astronomical Journal, 2017, 153, 15.	4.7	33
97	CNO behaviour in planet-harboured stars. Astronomy and Astrophysics, 2017, 599, A96.	5.1	34
98	The <i>Gaia</i>-ESO Survey: the present-day radial metallicity distribution of the Galactic disc probed by pre-main-sequence clusters. Astronomy and Astrophysics, 2017, 601, A70.	5.1	63
99	The <i>Gaia</i>-ESO Survey: Calibration strategy. Astronomy and Astrophysics, 2017, 598, A5.	5.1	51
100	The <i>Gaia</i>-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. Astronomy and Astrophysics, 2017, 601, A97.	5.1	27
101	Mg/Si Mineralogical Ratio of Low-Mass Planet Hosts. Correction for the NLTE Effects. Astrophysics, 2017, 60, 325-332.	0.5	6
102	K2-110 b: a massive mini-Neptune exoplanet. Astronomy and Astrophysics, 2017, 604, A19.	5.1	24
103	Observational evidence for two distinct giant planet populations. Astronomy and Astrophysics, 2017, 603, A30.	5.1	66
104	Tc-trend and terrestrial planet formation: The case of Zeta Reticuli. Proceedings of the International Astronomical Union, 2017, 12, 391-392.	0.0	0
105	Stellar parameters with FASMA: a new spectral synthesis package. Proceedings of the International Astronomical Union, 2017, 12, 271-272.	0.0	0
106	The <i>Gaia</i>-ESO Survey: the inner disk, intermediate-age open cluster Trumpler 23. Astronomy and Astrophysics, 2017, 598, A68.	5.1	21
107	The <i>Gaia</i>-ESO Survey: Galactic evolution of sulphur and zinc. Astronomy and Astrophysics, 2017, 604, A128.	5.1	39
108	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. Astronomy and Astrophysics, 2017, 606, A94.	5.1	133

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109	Precise masses for the transiting planetary system HD 106315 with HARPS. <i>Astronomy and Astrophysics</i> , 2017, 608, A25.	5.1	23
110	SWEET-Cat update and FASMA. <i>Astronomy and Astrophysics</i> , 2017, 600, A69.	5.1	30
111	A new spectroscopic calibration to determine T_{eff} and $[\text{Fe}/\text{H}]$ of FGK dwarfs and giants. <i>EPJ Web of Conferences</i> , 2017, 160, 01013.	0.3	1
112	Abundance ratios & ages of stellar populations in HARPS-GTO sample. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 156-159.	0.0	1
113	The <i>Gaia</i> -ESO Survey. <i>Astronomy and Astrophysics</i> , 2017, 601, A112.	5.1	90
114	Constraining planet structure and composition from stellar chemistry: trends in different stellar populations. <i>Astronomy and Astrophysics</i> , 2017, 608, A94.	5.1	55
115	The <i>Gaia</i> -ESO Survey: A lithium-rotation connection at 5 Myr?. <i>Astronomy and Astrophysics</i> , 2016, 590, A78.	5.1	46
116	Spectroscopic characterisation of microlensing events. <i>Astronomy and Astrophysics</i> , 2016, 595, L11.	5.1	8
117	The <i>Gaia</i> -ESO Survey: Inhibited extra mixing in two giants of the open cluster Trumpler 20?. <i>Astronomy and Astrophysics</i> , 2016, 591, A62.	5.1	9
118	The HARPS search for southern extra-solar planets. <i>Astronomy and Astrophysics</i> , 2016, 589, A25.	5.1	9
119	CNO behaviour in planet-harboured stars. <i>Astronomy and Astrophysics</i> , 2016, 591, A69.	5.1	25
120	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
121	Abundance trend with condensation temperature for stars with different Galactic birth places. <i>Astronomy and Astrophysics</i> , 2016, 592, A87.	5.1	23
122	ϵ Reticuli, its debris disk, and its lonely stellar companion ϵ^1 Reticuli. <i>Astronomy and Astrophysics</i> , 2016, 591, A34.	5.1	24
123	The <i>Gaia</i> -ESO Survey: Probes of the inner disk abundance gradient. <i>Astronomy and Astrophysics</i> , 2016, 591, A37.	5.1	57
124	Searching for Li-rich giants in a sample of 12 open clusters. <i>Astronomy and Astrophysics</i> , 2016, 587, A66.	5.1	33
125	Near-infrared spectroscopy of the Sun and HD 20010. <i>Astronomy and Astrophysics</i> , 2016, 585, A143.	5.1	13
126	K2-30b and K2-34b: Two inflated hot Jupiters around solar-type stars. <i>Astronomy and Astrophysics</i> , 2016, 594, A50.	5.1	11

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127	A COMPARISON OF STELLAR ELEMENTAL ABUNDANCE TECHNIQUES AND MEASUREMENTS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 4.	7.7	59
128	EELT-HIRES the high-resolution spectrograph for the E-ELT. <i>Proceedings of SPIE</i> , 2016, , .	0.8	34
129	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
130	DETECTION OF SOLAR-LIKE OSCILLATIONS, OBSERVATIONAL CONSTRAINTS, AND STELLAR MODELS FOR $\hat{\iota}$, CYG, THE BRIGHTEST STAR OBSERVED BY THE KEPLER MISSION. <i>Astrophysical Journal</i> , 2016, 831, 17.	4.5	14
131	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
132	The <i>Gaia</i> -ESO Survey: pre-main-sequence stars in the young open cluster NGC 3293. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3305-3315.	4.4	4
133	New T_{eff} and $[Fe/H]$ spectroscopic calibration for FGK dwarfs and GK giants. <i>Astronomy and Astrophysics</i> , 2016, 595, A15.	5.1	8
134	The HARPS search for southern extra-solar planets. <i>Astronomy and Astrophysics</i> , 2016, 585, A135.	5.1	22
135	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
136	An extreme planetary system around HD 219828. <i>Astronomy and Astrophysics</i> , 2016, 592, A13.	5.1	11
137	The HARPS search for southern extra-solar planets. <i>Astronomy and Astrophysics</i> , 2015, 576, A48.	5.1	20
138	Chemical abundances and kinematics of 257 \hat{A} -G, 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
139	Homogeneous spectroscopic parameters for bright planet host stars from the northern hemisphere. <i>Astronomy and Astrophysics</i> , 2015, 576, A94.	5.1	34
140	The first radial velocity measurements of a microlensing event: no evidence for the predicted binary. <i>Astronomy and Astrophysics</i> , 2015, 582, L11.	5.1	11
141	From stellar to planetary composition: Galactic chemical evolution of Mg/Si mineralogical ratio. <i>Astronomy and Astrophysics</i> , 2015, 581, L2.	5.1	43
142	Gaia-ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , 2015, 576, A80.	5.1	35
143	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
144	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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145	The <i>Gaia</i> -ESO Survey: Detailed abundances in the metal-poor globular cluster NGC 4372. <i>Astronomy and Astrophysics</i> , 2015, 579, A6.	5.1	19
146	KOI-3158: The oldest known system of terrestrial-size planets. <i>EPJ Web of Conferences</i> , 2015, 101, 02004.	0.3	1
147	Evidence for a spectroscopic direct detection of reflected light from 51 Pegasi b. <i>Astronomy and Astrophysics</i> , 2015, 576, A134.	5.1	57
148	Oxygen abundances in G- and F-type stars from HARPS. <i>Astronomy and Astrophysics</i> , 2015, 576, A89.	5.1	74
149	The <i>Gaia</i> -ESO Survey: Chromospheric emission, accretion properties, and rotation in τ^3 Velorum and Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2015, 575, A4.	5.1	69
150	Identifying the best iron-peak and ϵ -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
151	ARES v2: new features and improved performance. <i>Astronomy and Astrophysics</i> , 2015, 577, A67.	5.1	149
152	Determination of the spectroscopic stellar parameters for 257 field giant stars.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2749-2765.	4.4	21
153	AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170.	4.5	164
154	Li abundances in F stars: planets, rotation, and Galactic evolution. <i>Astronomy and Astrophysics</i> , 2015, 576, A69.	5.1	90
155	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
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