

Jonay I González Hernández

List of Publications by Year in descending order

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234
papers

18,584
citations

30070

54
h-index

13379

130
g-index

238
all docs

238
docs citations

238
times ranked

11420
citing authors

#	ARTICLE	IF	CITATIONS
1	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 12.	7.7	1,877
2	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	4.7	1,700
3	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 29.	7.7	1,166
4	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 21.	7.7	1,158
5	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	4.7	1,100
6	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 17.	7.7	820
7	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	7.7	796
8	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2012, 545, A32.	5.1	414
9	The metal-poor end of the Spite plateau. <i>Astronomy and Astrophysics</i> , 2010, 522, A26.	5.1	332
10	A new implementation of the infrared flux method using the 2MASS catalogue. <i>Astronomy and Astrophysics</i> , 2009, 497, 497-509.	5.1	305
11	A spectrograph for exoplanet observations calibrated at the centimetre-per-second level. <i>Nature</i> , 2012, 485, 611-614.	27.8	230
12	<i>Gaia</i> FGK benchmark stars: Metallicity. <i>Astronomy and Astrophysics</i> , 2014, 564, A133.	5.1	227
13	ESPRESSO at VLT. <i>Astronomy and Astrophysics</i> , 2021, 645, A96.	5.1	221
14	The NIR Ca&ii triplet at low metallicity. <i>Astronomy and Astrophysics</i> , 2010, 513, A34.	5.1	179
15	Nightside condensation of iron in an ultrahot giant exoplanet. <i>Nature</i> , 2020, 580, 597-601.	27.8	178
16	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 612, A49.	5.1	173
17	The <i>Gaia</i>-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. <i>Astronomy and Astrophysics</i> , 2014, 570, A122.	5.1	165
18	The Pristine survey â€“ I. Mining the Galaxy for the most metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2587-2604.	4.4	156

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19	CHEMICAL CLUES ON THE FORMATION OF PLANETARY SYSTEMS: C/O VERSUS Mg/Si FOR HARPS GTO SAMPLE. <i>Astrophysical Journal</i> , 2010, 725, 2349-2358.	4.5	142
20	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2017, 606, A94.	5.1	133
21	CARMENES instrument overview. <i>Proceedings of SPIE</i> , 2014, , .	0.8	132
22	Magnetic cycles and rotation periods of late-type stars from photometric time series. <i>Astronomy and Astrophysics</i> , 2016, 595, A12.	5.1	130
23	Kinematics and chemical properties of the Galactic stellar populations. <i>Astronomy and Astrophysics</i> , 2013, 554, A44.	5.1	124
24	<i>Gaia</i> FGK benchmark stars: abundances of α and iron-peak elements. <i>Astronomy and Astrophysics</i> , 2015, 582, A81.	5.1	123
25	Rotation periods of late-type dwarf stars from time series high-resolution spectroscopy of chromospheric indicators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2745-2756.	4.4	121
26	A candidate super-Earth planet orbiting near the snow line of Barnard's star. <i>Nature</i> , 2018, 563, 365-368.	27.8	109
27	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 609, A117.	5.1	103
28	Overabundance of α -elements in exoplanet-hosting stars. <i>Astronomy and Astrophysics</i> , 2012, 543, A89.	5.1	102
29	EChO. <i>Experimental Astronomy</i> , 2012, 34, 311-353.	3.7	98
30	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, A49.	5.1	95
31	SEARCHING FOR THE SIGNATURES OF TERRESTRIAL PLANETS IN SOLAR ANALOGS. <i>Astrophysical Journal</i> , 2010, 720, 1592-1602.	4.5	93
32	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
33	Li abundances in F stars: planets, rotation, and Galactic evolution. <i>Astronomy and Astrophysics</i> , 2015, 576, A69.	5.1	90
34	Li depletion in solar analogues with exoplanets. <i>Astronomy and Astrophysics</i> , 2014, 562, A92.	5.1	89
35	No surviving evolved companions of the progenitor of SN 1006. <i>Nature</i> , 2012, 489, 533-536.	27.8	87
36	THE CHEMICAL ABUNDANCES OF TYCHO G IN SUPERNOVA REMNANT 1572. <i>Astrophysical Journal</i> , 2009, 691, 1-15.	4.5	83

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37	Exploring the α -enhancement of metal-poor planet-hosting stars. The Kepler and HARPS samples. <i>Astronomy and Astrophysics</i> , 2012, 547, A36.	5.1	81
38	Revisiting Proxima with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 639, A77.	5.1	81
39	Evidence for the Naphthalene Cation in a Region of the Interstellar Medium with Anomalous Microwave Emission. <i>Astrophysical Journal</i> , 2008, 685, L55-L58.	4.5	78
40	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019, 365, 1441-1445.	12.6	78
41	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2016, 588, A118.	5.1	76
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	On the origin of stars with and without planets. <i>Astronomy and Astrophysics</i> , 2014, 564, L15.	5.1	74
44	Na I and H α absorption features in the atmosphere of MASCARA-2b/KELT-20b. <i>Astronomy and Astrophysics</i> , 2018, 616, A151.	5.1	73
45	Tracing the formation of the Milky Way through ultra metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2166-2180.	4.4	73
46	Three carbon-enhanced metal-poor dwarf stars from the SDSS. <i>Astronomy and Astrophysics</i> , 2010, 513, A72.	5.1	73
47	The Transiting Multi-planet System HD 3167: A 5.7 M_{\oplus} Super-Earth and an 8.3 M_{\oplus} Mini-Neptune. <i>Astronomical Journal</i> , 2017, 154, 123.	4.7	71
48	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
49	Characterization of the radial velocity signal induced by rotation in late-type dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4772-4781.	4.4	65
50	Testing the chemical tagging technique with open clusters. <i>Astronomy and Astrophysics</i> , 2015, 577, A47.	5.1	62
51	ESPRESSO high-resolution transmission spectroscopy of WASP-76 b. <i>Astronomy and Astrophysics</i> , 2021, 646, A158.	5.1	62
52	LOW Mg/Si PLANETARY HOST STARS AND THEIR Mg-DEPLETED TERRESTRIAL PLANETS. <i>Astrophysical Journal Letters</i> , 2012, 747, L2.	8.3	60
53	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
54	Pristine dwarf galaxy survey â€” I. A detailed photometric and spectroscopic study of the very metal-poor Draco II satellite. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2609-2627.	4.4	60

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55	CARMENES: an overview six months after first light. Proceedings of SPIE, 2016, , .	0.8	59
56	Chemical abundances of distant extremely metal-poor unevolved stars. Astronomy and Astrophysics, 2012, 542, A87.	5.1	57
57	Identifying the best iron-peak and α -capture elements for chemical tagging: The impact of the number of lines on measured scatter. Astronomy and Astrophysics, 2015, 583, A94.	5.1	57
58	A search for interstellar anthracene towards the Perseus anomalous microwave emission region. Monthly Notices of the Royal Astronomical Society, 0, 407, 2157-2165.	4.4	54
59	Lithium in the globular cluster NGC 6397. Astronomy and Astrophysics, 2009, 505, L13-L16.	5.1	52
60	Fast orbital decays of black hole X-ray binaries: XTE J1118+480 and A0620-00. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 438, L21-L25.	3.3	51
61	HADES RV program with HARPS-N at the TNG GJ 3998: An early M-dwarf hosting a system of super-Earths. Astronomy and Astrophysics, 2016, 593, A117.	5.1	51
62	HADES RV programme with HARPS-N at TNG. Astronomy and Astrophysics, 2018, 612, A89.	5.1	51
63	The Pristine survey – VI. The first three years of medium-resolution follow-up spectroscopy of Pristine EMP star candidates. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2241-2253.	4.4	51
64	Chemically tagging the Hyades Supercluster. Astronomy and Astrophysics, 2012, 547, A13.	5.1	50
65	The Pristine survey IV: approaching the Galactic metallicity floor with the discovery of an ultra-metal-poor star. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3838-3852.	4.4	50
66	Calibrating the metallicity of M dwarfs in wide physical binaries with F-, G-, and K-primaries – I: High-resolution spectroscopy with HERMES: stellar parameters, abundances, and kinematics.... Monthly Notices of the Royal Astronomical Society, 2018, 479, 1332-1382.	4.4	48
67	First stars XI. Chemical composition of the extremely metal-poor dwarfs in the binary CS 22876-032. Astronomy and Astrophysics, 2008, 480, 233-246.	5.1	48
68	CARMENES: Calar Alto high-resolution search for M dwarfs with exo-earths with a near-infrared Echelle spectrograph. Proceedings of SPIE, 2010, , .	0.8	47
69	On the mass of the neutron star in Cyg X-2. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2517-2520.	4.4	47
70	A frequency comb calibrated solar atlas. Astronomy and Astrophysics, 2013, 560, A61.	5.1	47
71	MARVELS-1: A FACE-ON DOUBLE-LINED BINARY STAR MASQUERADING AS A RESONANT PLANETARY SYSTEM AND CONSIDERATION OF RARE FALSE POSITIVES IN RADIAL VELOCITY PLANET SEARCHES. Astrophysical Journal, 2013, 770, 119.	4.5	46
72	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 609, L5.	5.1	46

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73	The Pristine survey â€“ X. A large population of low-metallicity stars permeates the Galactic disc. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 497, L7-L12.	3.3	46
74	Warm terrestrial planet with half the mass of Venus transiting a nearby star. Astronomy and Astrophysics, 2021, 653, A41.	5.1	46
75	The Pristine survey â€“ III. Spectroscopic confirmation of an efficient search for extremely metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2963-2974.	4.4	45
76	J0023+0307: A Mega Metal-poor Dwarf Star from SDSS/BOSS*. Astrophysical Journal Letters, 2018, 854, L34.	8.3	44
77	Chemical Abundances in the Secondary Star in the Black Hole Binary A0620âˆ’00. Astrophysical Journal, 2004, 609, 988-998.	4.5	43
78	A precise architecture characterization of the ϵ Mensae planetary system. Astronomy and Astrophysics, 2020, 642, A31.	5.1	43
79	A candidate short-period sub-Earth orbiting Proxima Centauri. Astronomy and Astrophysics, 2022, 658, A115.	5.1	43
80	XTE J1118+480: A Metal-rich Black Hole Binary in the Galactic Halo. Astrophysical Journal, 2006, 644, L49-L52.	4.5	42
81	Chemical Abundances of the Secondary Star in the Black Hole X-ray Binary XTE J1118+480. Astrophysical Journal, 2008, 679, 732-745.	4.5	42
82	The atmosphere of HD 209458b seen with ESPRESSO. Astronomy and Astrophysics, 2021, 647, A26.	5.1	41
83	The Pristine Inner Galaxy Survey (PIGS) I: tracing the kinematics of metal-poor stars in the Galactic bulge. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 491, L11-L16.	3.3	40
84	The Pristine survey â€“ IX. CFHT ESPaDOnS spectroscopic analysis of 115 bright metal-poor candidate stars. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3241-3262.	4.4	40
85	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 656, A162.	5.1	40
86	Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau. Nature Astronomy, 2022, 6, 232-240.	10.1	40
87	THE FAST SPIRAL-IN OF THE COMPANION STAR TO THE BLACK HOLE XTE J1118+480. Astrophysical Journal Letters, 2012, 744, L25.	8.3	38
88	THE SDSS-III APOGEE RADIAL VELOCITY SURVEY OF M DWARFS. I. DESCRIPTION OF THE SURVEY AND SCIENCE GOALS. Astronomical Journal, 2013, 146, 156.	4.7	38
89	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. V. A LOW ECCENTRICITY BROWN DWARF FROM THE DRIEST PART OF THE DESERT, MARVELS-6b. Astronomical Journal, 2013, 145, 155.	4.7	38
90	The First Post-Kepler Brightness Dips of KIC 8462852. Astrophysical Journal Letters, 2018, 853, L8.	8.3	38

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91	Catalog for the ESPRESSO blind radial velocity exoplanet survey. <i>Astronomy and Astrophysics</i> , 2019, 629, A80.	5.1	38
92	Back to the Lithium Plateau with the [Fe/H]$\hat{=}$6 Star J0023+0307[^]. <i>Astrophysical Journal Letters</i> , 2019, 874, L21.	8.3	38
93	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared. , 2018, , .		37
94	Be ABUNDANCES IN COOL MAIN-SEQUENCE STARS WITH EXOPLANETS. <i>Astrophysical Journal</i> , 2012, 746, 47.	4.5	36
95	Improved Hubble Space Telescope proper motions for Tycho-G and other stars in the remnant of Tycho's Supernova 1572. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 354-371.	4.4	36
96	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
97	Gaia-ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , 2015, 576, A80.	5.1	35
98	YETI observations of the young transiting planet candidate CVSO30b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2834-2852.	4.4	35
99	VERY LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. VI. A GIANT PLANET AND A BROWN DWARF CANDIDATE IN A CLOSE BINARY SYSTEM HD 87646. <i>Astronomical Journal</i> , 2016, 152, 112.	4.7	34
100	CNO behaviour in planet-harboured stars. <i>Astronomy and Astrophysics</i> , 2017, 599, A96.	5.1	34
101	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A26.	5.1	34
102	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
103	An equatorial ultra iron-poor star identified in BOSS. <i>Astronomy and Astrophysics</i> , 2015, 579, A98.	5.1	34
104	Chemical abundances of late-type pre-main sequence stars in the ρ Orionis cluster. <i>Astronomy and Astrophysics</i> , 2008, 490, 1135-1142.	5.1	34
105	Doppler tomography of the black hole binary A0620-00 and the origin of chromospheric emission in quiescent X-ray binaries. <i>Astronomy and Astrophysics</i> , 2010, 516, A58.	5.1	33
106	CHEMICAL ABUNDANCES OF THE SECONDARY STAR IN THE BLACK HOLE X-RAY BINARY V404 CYGNI. <i>Astrophysical Journal</i> , 2011, 738, 95.	4.5	33
107	WHT follow-up observations of extremely metal-poor stars identified from SDSS and LAMOST. <i>Astronomy and Astrophysics</i> , 2017, 605, A40.	5.1	33
108	C/O vs. Mg/Si ratios in solar type stars: The HARPS sample. <i>Astronomy and Astrophysics</i> , 2018, 614, A84.	5.1	33

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109	Chemical abundances of 1111 FGK stars from the HARPS GTO planet search program. <i>Astronomy and Astrophysics</i> , 2021, 655, A99.	5.1	33
110	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A27.	5.1	32
111	HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2020, 644, A68.	5.1	32
112	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
113	Doppler and modulation tomography of XTE J1118+480 in quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 539-549.	4.4	30
114	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. IV. A CANDIDATE BROWN DWARF OR LOW-MASS STELLAR COMPANION TO HIP 67526. <i>Astronomical Journal</i> , 2013, 146, 65.	4.7	30
115	A CAUTIONARY TALE: MARVELS BROWN DWARF CANDIDATE REVEALS ITSELF TO BE A VERY LONG PERIOD, HIGHLY ECCENTRIC SPECTROSCOPIC STELLAR BINARY. <i>Astronomical Journal</i> , 2013, 145, 139.	4.7	30
116	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
117	Fundamental physics with ESPRESSO: Precise limit on variations in the fine-structure constant towards the bright quasar HE 0515+4414. <i>Astronomy and Astrophysics</i> , 2022, 658, A123.	5.1	30
118	MEASURING Be DEPLETION IN COOL STARS WITH EXOPLANETS. <i>Astrophysical Journal</i> , 2011, 728, 148.	4.5	29
119	J0815+4729: A Chemically Primitive Dwarf Star in the Galactic Halo Observed with Gran Telescopio Canarias. <i>Astrophysical Journal Letters</i> , 2018, 852, L20.	8.3	29
120	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A28.	5.1	28
121	The HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 617, A104.	5.1	28
122	The Pristine Dwarf-Galaxy survey â€œ II. In-depth observational study of the faint Milky Way satellite Sagittarius II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 356-377.	4.4	28
123	The black hole binary nova Scorpii 1994 (GRO J1655-40): an improved chemical analysis. <i>Astronomy and Astrophysics</i> , 2008, 478, 203-217.	5.1	28
124	Chemical Abundances in the Secondary Star of the Neutron Star Binary Centaurus X-4. <i>Astrophysical Journal</i> , 2005, 630, 495-505.	4.5	27
125	The <i>Gaia</i> -ESO Survey: Metallicity of the Chamaeleon I star-forming region. <i>Astronomy and Astrophysics</i> , 2014, 568, A2.	5.1	27
126	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 605, A92.	5.1	27

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127	No Surviving Companion in Kepler's Supernova. <i>Astrophysical Journal</i> , 2018, 862, 124.	4.5	27
128	Galactic evolution of oxygen. <i>Astronomy and Astrophysics</i> , 2010, 519, A46.	5.1	26
129	Extremely fast orbital decay of the black hole X-ray binary Nova Muscae 1991. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 465, L15-L19.	3.3	26
130	A crucial test for astronomical spectrograph calibration with frequency combs. <i>Nature Astronomy</i> , 2020, 4, 603-608.	10.1	26
131	Follow-up observations of extremely metal-poor stars identified from SDSS. <i>Astronomy and Astrophysics</i> , 2016, 593, A10.	5.1	26
132	CNO behaviour in planet-harboured stars. <i>Astronomy and Astrophysics</i> , 2016, 591, A69.	5.1	25
133	The <i>Gaia</i>-ESO Survey: Calibrating the lithium-â€‘age relation with open clusters and associations. <i>Astronomy and Astrophysics</i> , 2020, 643, A71.	5.1	25
134	<i>Î¶</i>² Reticuli, its debris disk, and its lonely stellar companion <i>Î¶</i>¹ Ret. <i>Astronomy and Astrophysics</i> , 2016, 591, A34.	5.1	24
135	<i>Kepler</i> Object of Interest Network. <i>Astronomy and Astrophysics</i> , 2018, 618, A41.	5.1	24
136	A detailed non-LTE analysis of LB-1: Revised parameters and surface abundances. <i>Astronomy and Astrophysics</i> , 2020, 634, L7.	5.1	24
137	Oxygen and magnesium abundance in the ultra-metal-poor giants CSâ€™%22949-037 and CSâ€™%29498-043: Challenges in models of atmospheres. <i>Astronomy and Astrophysics</i> , 2004, 419, 1095-1109.	5.1	23
138	Abundance trend with condensation temperature for stars with different Galactic birth places. <i>Astronomy and Astrophysics</i> , 2016, 592, A87.	5.1	23
139	STEPAR: an automatic code to infer stellar atmospheric parameters. <i>Astronomy and Astrophysics</i> , 2019, 628, A131.	5.1	23
140	The Rossiter-â€‘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
141	An eclipsing double-line spectroscopic binary at the stellar/substellar boundary in the Upper Scorpius OB association. <i>Astronomy and Astrophysics</i> , 2015, 584, A128.	5.1	23
142	Chemical tagging of the Ursa Major moving group. <i>Astronomy and Astrophysics</i> , 2017, 597, A33.	5.1	22
143	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
144	K2-111: an old system with two planets in near-resonanceâ€™. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5004-5021.	4.4	22

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145	A stellar stream remnant of a globular cluster below the metallicity floor. <i>Nature</i> , 2022, 601, 45-48.	27.8	22
146	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. I. A LOW-MASS RATIO STELLAR COMPANION TO TYC 4110-01037-1 IN A 79 DAY ORBIT. <i>Astronomical Journal</i> , 2012, 143, 107.	4.7	21
147	New ultra metal-poor stars from SDSS: follow-up GTC medium-resolution spectroscopy. <i>Astronomy and Astrophysics</i> , 2017, 604, A9.	5.1	21
148	HADES RV program with HARPS-N at the TNG. <i>Astronomy and Astrophysics</i> , 2019, 622, A193.	5.1	21
149	A super-Earth orbiting the nearby M dwarf Glâ€‰536. <i>Astronomy and Astrophysics</i> , 2017, 597, A108.	5.1	20
150	The isotopic $6\text{Li}/7\text{Li}$ ratio in Centaurus X-4 and the origin of Li in X-ray binaries. <i>Astronomy and Astrophysics</i> , 2007, 470, 1033-1041.	5.1	20
151	Extremely metal-poor stars from the SDSS. <i>Physica Scripta</i> , 2008, T133, 014037.	2.5	20
152	STEPARSYN: A Bayesian code to infer stellar atmospheric parameters using spectral synthesis. <i>Astronomy and Astrophysics</i> , 2022, 657, A66.	5.1	19
153	A laser frequency comb featuring sub-cm/s precision for routine operation on HARPS. <i>Proceedings of SPIE</i> , 2014, , .	0.8	18
154	Flare activity and photospheric analysis of Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2017, 606, A49.	5.1	18
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