

Jonathan A Horner

List of Publications by Year in descending order

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180
papers

6,911
citations

61984

43
h-index

106344

65
g-index

183
all docs

183
docs citations

183
times ranked

4412
citing authors

#	ARTICLE	IF	CITATIONS
1	The GALAH+ survey: Third data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 150-201.	4.4	293
2	The GALAH Survey: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4513-4552.	4.4	269
3	The Origin of Mercury. <i>Space Science Reviews</i> , 2007, 132, 189-202.	8.1	179
4	Simulations of the population of Centaurs - I. The bulk statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 798-810.	4.4	168
5	The GALAH survey: observational overview and <i>Gaia</i> DR1 companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3203-3219.	4.4	157
6	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
7	Herschel imaging of 61 ϵ Vir: implications for the prevalence of debris in low-mass planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1206-1223.	4.4	110
8	THE ANGLO-AUSTRALIAN PLANET SEARCH XXIV: THE FREQUENCY OF JUPITER ANALOGS. <i>Astrophysical Journal</i> , 2016, 819, 28.	4.5	109
9	An unbiased study of debris discs around A-type stars with Herschel. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2558-2573.	4.4	106
10	Signals embedded in the radial velocity noise. <i>Astronomy and Astrophysics</i> , 2013, 551, A79.	5.1	105
11	A dynamical analysis of the proposed HU Aquarii planetary system. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 416, L11-L15.	3.3	88
12	FOREVER ALONE? TESTING SINGLE ECCENTRIC PLANETARY SYSTEMS FOR MULTIPLE COMPANIONS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 2.	7.7	86
13	Jupiter "friend or foe? I: The asteroids. <i>International Journal of Astrobiology</i> , 2008, 7, 251-261.	1.6	82
14	THE McDONALD OBSERVATORY PLANET SEARCH: NEW LONG-PERIOD GIANT PLANETS AND TWO INTERACTING JUPITERS IN THE HD 155358 SYSTEM. <i>Astrophysical Journal</i> , 2012, 749, 39.	4.5	82
15	Resolving debris discs in the far-infrared: Early highlights from the DEBRIS survey. <i>Astronomy and Astrophysics</i> , 2010, 518, L135.	5.1	81
16	Revisiting the proposed planetary system orbiting the eclipsing polar HU Aquarii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 3258-3267.	4.4	81
17	DOES THE PRESENCE OF PLANETS AFFECT THE FREQUENCY AND PROPERTIES OF EXTRASOLAR KUIPER BELTS? RESULTS FROM THE <i>HERSCHEL</i> DEBRIS AND DUNES SURVEYS. <i>Astrophysical Journal</i> , 2015, 801, 143.	4.5	80
18	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019, 881, L19.	8.3	80

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19	The populations of comet-like bodies in the Solar system. Monthly Notices of the Royal Astronomical Society, 2003, 343, 1057-1066.	4.4	79
20	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXII. TWO NEW MULTI-PLANET SYSTEMS. Astrophysical Journal, 2012, 753, 169.	4.5	79
21	Cool Jupiters greatly outnumber their toasty siblings: occurrence rates from the Anglo-Australian Planet Search. Monthly Notices of the Royal Astronomical Society, 2020, 492, 377-383.	4.4	78
22	Simulations of the population of Centaurs - II. Individual objects. Monthly Notices of the Royal Astronomical Society, 2004, 355, 321-329.	4.4	76
23	A dynamical analysis of the proposed circumbinary HW Virginis planetary system. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2812-2823.	4.4	76
24	On the dynamical stability of the proposed planetary system orbiting NSVS 14256825. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2150-2154.	4.4	75
25	GJ 832c: A SUPER-EARTH IN THE HABITABLE ZONE. Astrophysical Journal, 2014, 791, 114.	4.5	72
26	A detailed investigation of the proposed NN Serpentis planetary system. Monthly Notices of the Royal Astronomical Society, 2012, 425, 749-756.	4.4	71
27	A detailed dynamical investigation of the proposed QS Virginis planetary system. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2033-2039.	4.4	70
28	Alignment in starâ€™s debris disc systems seen by <i>Herschel</i>. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 438, L31-L35.	3.3	69
29	Determining habitability: which exoEarths should we search for life?. International Journal of Astrobiology, 2010, 9, 273-291.	1.6	67
30	Jupiter â€™s friend or foe? II: the Centaurs. International Journal of Astrobiology, 2009, 8, 75-80.	1.6	66
31	A DEBRIS disk around the planet hosting M-star GJâ€™581 spatially resolved with <i>Herschel</i>. Astronomy and Astrophysics, 2012, 548, A86.	5.1	65
32	A SECOND GIANT PLANET IN 3:2 MEAN-MOTION RESONANCE IN THE HD 204313 SYSTEM. Astrophysical Journal, 2012, 754, 50.	4.5	65
33	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 115003.	3.1	65
34	The capture of Centaurs as Trojans. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 367, L20-L23.	3.3	64
35	The Neptune Trojans - a new source for the Centaurs?. Monthly Notices of the Royal Astronomical Society, 2010, 402, 13-20.	4.4	64
36	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXIII. TWO NEW JUPITER ANALOGS. Astrophysical Journal, 2014, 783, 103.	4.5	64

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37	THE FREQUENCY OF LOW-MASS EXOPLANETS. III. TOWARD $\dot{\Sigma}$ AT SHORT PERIODS. <i>Astrophysical Journal</i> , 2011, 738, 81.	4.5	63
38	Main-sequence progenitor configurations of the NN Ser candidate circumbinary planetary system are dynamically unstable. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2515-2521.	4.4	62
39	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXI. A GAS-GIANT PLANET IN A ONE YEAR ORBIT AND THE HABITABILITY OF GAS-GIANT SATELLITES. <i>Astrophysical Journal</i> , 2011, 732, 31.	4.5	61
40	"TNOs are Cool" A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2010, 518, L148.	5.1	60
41	TNOs are Cool: A Survey of the Transneptunian Region. <i>Earth, Moon and Planets</i> , 2009, 105, 209-219.	0.6	55
42	Origin and dynamical evolution of Neptune Trojans - I. Formation and planetary migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1715-1729.	4.4	55
43	The GALAH Survey: non-LTE departure coefficients for large spectroscopic surveys. <i>Astronomy and Astrophysics</i> , 2020, 642, A62.	5.1	55
44	RESONANCES REQUIRED: DYNAMICAL ANALYSIS OF THE 24 Sex AND HD 200964 PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2012, 761, 165.	4.5	55
45	The K2-HERMES Survey: age and metallicity of the thick disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5335-5352.	4.4	54
46	Dynamical simulations of the HR8799 planetary system. <i>International Journal of Astrobiology</i> , 2010, 9, 259-264.	1.6	53
47	Jupiter "friend or foe? III: the Oort cloud comets. <i>International Journal of Astrobiology</i> , 2010, 9, 1-10.	1.6	53
48	TWO NEW LONG-PERIOD GIANT PLANETS FROM THE MCDONALD OBSERVATORY PLANET SEARCH AND TWO STARS WITH LONG-PERIOD RADIAL VELOCITY SIGNALS RELATED TO STELLAR ACTIVITY CYCLES. <i>Astrophysical Journal</i> , 2016, 818, 34.	4.5	53
49	"TNOs are Cool" A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2010, 518, L147.	5.1	51
50	Origin and dynamical evolution of Neptune Trojans - II. Long-term evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 537-550.	4.4	50
51	Correlations between the stellar, planetary, and debris components of exoplanet systems observed by <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2014, 565, A15.	5.1	50
52	The photophoretic sweeping of dust in transient protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2007, 462, 977-987.	5.1	48
53	"TNOs are Cool" A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2010, 518, L146.	5.1	48
54	A DETAILED ANALYSIS OF THE HD 73526 2:1 RESONANT PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2014, 780, 140.	4.5	48

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55	The Galah Survey: Classification and Diagnostics with t-SNE Reduction of Spectral Information. <i>Astrophysical Journal, Supplement Series</i> , 2017, 228, 24.	7.7	48
56	THE PAN-PACIFIC PLANET SEARCH. IV. TWO SUPER-JUPITERS IN A 3:5 RESONANCE ORBITING THE GIANT STAR HD 33844. <i>Astrophysical Journal</i> , 2016, 818, 35.	4.5	48
57	The Pan-Pacific Planet Search. VII. The Most Eccentric Planet Orbiting a Giant Star. <i>Astronomical Journal</i> , 2017, 154, 274.	4.7	47
58	The GALAH survey: chemodynamics of the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2952-2964.	4.4	46
59	The GALAH survey: effective temperature calibration from the InfraRed Flux Method in the <i>Gaia</i> system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2684-2696.	4.4	46
60	The GALAH Survey: chemical tagging and chrono-chemodynamics of accreted halo stars with GALAH+ DR3 and <i>Gaia</i> eDR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2407-2436.	4.4	44
61	Revisiting the proposed circumbinary multiplanet system NSVS 14256825. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 307-317.	4.4	42
62	The Anglo-Australian Planet Search. XXV. A Candidate Massive Saturn Analog Orbiting HD 30177. <i>Astronomical Journal</i> , 2017, 153, 167.	4.7	42
63	The GALAH survey: verifying abundance trends in the open cluster M67 using non-LTE modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2666-2684.	4.4	41
64	Jupiter â€“ friend or foe? IV: the influence of orbital eccentricity and inclination. <i>International Journal of Astrobiology</i> , 2012, 11, 147-156.	1.6	40
65	A dynamical investigation of the proposed BD +20 2457 system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1176-1181.	4.4	40
66	Photophoresis as a source of hot minerals in comets. <i>Astronomy and Astrophysics</i> , 2007, 466, L9-L12.	5.1	39
67	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1â€“3. <i>Astronomical Journal</i> , 2018, 155, 84.	4.7	38
68	The Dynamical History of Chariklo and Its Rings. <i>Astronomical Journal</i> , 2017, 153, 245.	4.7	37
69	Constraints on the Formation Regions of Comets from their D:H Ratios. <i>Earth, Moon and Planets</i> , 2007, 100, 43-56.	0.6	36
70	The GALAH survey: properties of the Galactic disc(s) in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 5216-5232.	4.4	36
71	A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. <i>Astronomy and Astrophysics</i> , 2019, 623, A100.	5.1	36
72	Planetary Trojans â€“ the main source of short period comets?. <i>International Journal of Astrobiology</i> , 2010, 9, 227-234.	1.6	35

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73	(1173) Anchises - thermophysical and dynamical studies of a dynamically unstable Jovian Trojan. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2587-2596.	4.4	35
74	THE PAN-PACIFIC PLANET SEARCH. II. CONFIRMATION OF A TWO-PLANET SYSTEM AROUND HD 121056. Astrophysical Journal, 2015, 800, 74.	4.5	35
75	Modelling the inner debris disc of HR 8799. Monthly Notices of the Royal Astronomical Society, 2016, 463, 191-204.	4.4	35
76	A BCool survey of the magnetic fields of planet-hosting solar-type stars. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2734-2747.	4.4	35
77	The GALAH survey: chemical tagging of star clusters and new members in the Pleiades. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4612-4633.	4.4	35
78	Fundamental relations for the velocity dispersion of stars in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1761-1776.	4.4	35
79	Observing Strategies for the Detection of Jupiter Analogs. Publications of the Astronomical Society of the Pacific, 2013, 125, 351-356.	3.1	34
80	Near-resonance in a System of Sub-Neptunes from TESS. Astronomical Journal, 2019, 158, 177.	4.7	34
81	Differences between the impact regimes of the terrestrial planets: Implications for primordial D:H ratios. Planetary and Space Science, 2009, 57, 1338-1345.	1.7	33
82	Stable habitable zones of single Jovian planet systems. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4494-4507.	4.4	33
83	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3704-3722.	4.4	33
84	SPATIALLY RESOLVED IMAGING OF THE TWO-COMPONENT $\hat{\iota}$ Crv DEBRIS DISK WITH <i>HERSCHEL</i> . Astrophysical Journal, 2014, 784, 148.	4.5	32
85	TOI-677b: A Warm Jupiter (P = 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. Astronomical Journal, 2020, 159, 145.	4.7	32
86	Detection of Planetary and Stellar Companions to Neighboring Stars via a Combination of Radial Velocity and Direct Imaging Techniques. Astronomical Journal, 2019, 157, 252.	4.7	29
87	Solar System Physics for Exoplanet Research. Publications of the Astronomical Society of the Pacific, 2020, 132, 102001.	3.1	29
88	The Dynamical History of 2060 Chiron and Its Proposed Ring System. Astronomical Journal, 2018, 155, 2.	4.7	28
89	The GALAH survey: stellar streams and how stellar velocity distributions vary with Galactic longitude, hemisphere, and metallicity. Monthly Notices of the Royal Astronomical Society, 2018, 478, 228-254.	4.4	28
90	2008 LC18: a potentially unstable Neptune Trojan. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2145-2151.	4.4	27

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91	Biases in cometary catalogues and Planet X. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 641-654.	4.4	26
92	The dynamical evolution of dwarf planet (136108) Haumea's collisional family: general properties and implications for the trans-Neptunian belt. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1331-1350.	4.4	26
93	It's Complicated: A Big Data Approach to Exploring Planetesimal Evolution in the Presence of Jovian Planets. <i>Astronomical Journal</i> , 2018, 156, 232.	4.7	26
94	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. <i>Astronomical Journal</i> , 2020, 160, 111.	4.7	26
95	The GALAH survey and Gaia DR2: (non-)existence of five sparse high-latitude open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 5242-5259.	4.4	25
96	The GALAH survey: accurate radial velocities and library of observed stellar template spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 645-654.	4.4	24
97	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , 2020, 160, 235.	4.7	23
98	The capture of Trojan asteroids by the giant planets during planetary migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	22
99	Revised Exoplanet Radii and Habitability Using <i>Gaia</i> Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 14.	7.7	22
100	The Pan-Pacific Planet Search " VIII. Complete results and the occurrence rate of planets around low-luminosity giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5248-5257.	4.4	22
101	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	4.7	22
102	The GALAH survey: A census of lithium-rich giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	22
103	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	4.7	22
104	Origin of volatiles in the main belt. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 1269-1280.	4.4	21
105	The Mysterious Dimmings of the T Tauri Star V1334 Tau. <i>Astrophysical Journal</i> , 2017, 836, 209.	4.5	21
106	âœTNOs are Coolâœ A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2018, 618, A136.	5.1	21
107	The GALAH survey: temporal chemical enrichment of the galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2043-2056.	4.4	21
108	The GALAH survey: a new constraint on cosmological lithium and Galactic lithium evolution from warm dwarf stars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 497, L30-L34.	3.3	20

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109	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.	4.7	20
110	Truly eccentric â€“ I. Revisiting eight single-eccentric planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5859-5867.	4.4	19
111	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2782-2803.	4.4	19
112	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. <i>Astronomical Journal</i> , 2021, 162, 137.	4.7	19
113	2004 KV ₁₈ : a visitor from the scattered disc to the Neptune Trojan population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 159-166.	4.4	18
114	Stability of Jovian Trojans and their collisional families. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4085-4097.	4.4	17
115	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.	8.3	16
116	2001 QR322: a dynamically unstable Neptune Trojan?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	15
117	Mass extinction and the structure of the milky way. <i>Serbian Astronomical Journal</i> , 2013, , 43-52.	0.6	15
118	The GALAH Survey: Chemically tagging the Fimbulthul stream to the globular cluster Œ Centauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 3374-3384.	4.4	15
119	The Fundamental Connections between the Solar System and Exoplanetary Science. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006643.	3.6	15
120	Constraints from deuterium on the formation of icy bodies in the Jovian system and beyond. <i>Planetary and Space Science</i> , 2008, 56, 1585-1595.	1.7	14
121	Truly eccentric â€“ II. When can two circular planets mimic a single eccentric orbit?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4230-4238.	4.4	14
122	A portrait of the extreme solar system object 2012â€™DR ₃₀ . <i>Astronomy and Astrophysics</i> , 2013, 555, A3.	5.1	13
123	Prospecting for exo-Earths in multiple planet systems with a gas giant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4680-4697.	4.4	13
124	Quantifying the Influence of Jupiter on the Earthâ€™s Orbital Cycles. <i>Astronomical Journal</i> , 2020, 159, 10.	4.7	13
125	Initial Characterization of Active Transitioning Centaur, P/2019 LD ₂ (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. <i>Astronomical Journal</i> , 2021, 161, 116.	4.7	13
126	Properties of the single Jovian planet population and the pursuit of Solar system analogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3646-3658.	4.4	12

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127	The GALAH Survey: lithium-strong KM dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4591-4600.	4.4	12
128	The GALAH survey: co-orbiting stars and chemical tagging. Monthly Notices of the Royal Astronomical Society, 2019, 482, 5302-5315.	4.4	12
129	Jupiter: friend or foe? An answer. Astronomy and Geophysics, 2010, 51, 6.16-6.22.	0.2	11
130	Physical properties of the extreme Centaur and super-comet candidate 2013â€‰AZ₆₀. Astronomy and Astrophysics, 2015, 583, A93.	5.1	11
131	Cladistical Analysis of the Jovian and Saturnian Satellite Systems. Astrophysical Journal, 2018, 859, 97.	4.5	11
132	The GALAH survey: Chemical homogeneity of the Orion complex. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4232-4250.	4.4	11
133	The GALAH survey: accreted stars also inhabit the Spite plateau. Monthly Notices of the Royal Astronomical Society, 2021, 507, 43-54.	4.4	11
134	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. Astronomical Journal, 2021, 162, 292.	4.7	11
135	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. Astronomical Journal, 2022, 163, 289.	4.7	11
136	CYCLIC TRANSIT PROBABILITIES OF LONG-PERIOD ECCENTRIC PLANETS DUE TO PERIASTRON PRECESSION. Astrophysical Journal, 2012, 757, 105.	4.5	10
137	Holistic spectroscopy: complete reconstruction of a wide-field, multiobject spectroscopic image using a photonic comb. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5475-5494.	4.4	10
138	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. Astronomical Journal, 2019, 158, 100.	4.7	10
139	First Radial Velocity Results From the MINIature Exoplanet Radial Velocity Array (MINERVA). Publications of the Astronomical Society of the Pacific, 2019, 131, 115001.	3.1	10
140	Predicting multiple planet stability and habitable zone companions in the TESS era. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4703-4725.	4.4	10
141	Resolved Imaging of the AR Puppis Circumbinary Disk*. Astronomical Journal, 2019, 157, 110.	4.7	10
142	An Orbital Stability Study of the Proposed Companions of SW Lyncis. Journal of Astronomy and Space Sciences, 2014, 31, 187-197.	1.0	10
143	IMPACT REGIMES AND POST-FORMATION SEQUESTRATION PROCESSES: IMPLICATIONS FOR THE ORIGIN OF HEAVY NOBLE GASES IN TERRESTRIAL PLANETS. Astrophysical Journal, 2010, 714, 1418-1423.	4.5	9
144	The GALAH Survey: using galactic archaeology to refine our knowledge of <i>TESS</i> target stars. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4968-4989.	4.4	9

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145	The Origin of Mercury. Space Sciences Series of ISSI, 2008, , 7-20.	0.0	9
146	Could the Migration of Jupiter Have Accelerated the Atmospheric Evolution of Venus?. Planetary Science Journal, 2020, 1, 42.	3.6	9
147	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. Astronomical Journal, 2021, 161, 82.	4.7	8
148	Jupiter: friend or foe?. Astronomy and Geophysics, 2008, 49, 1.22-1.27.	0.2	7
149	Discovery of a Compact Companion to a Nearby Star. Astrophysical Journal, 2019, 875, 74.	4.5	7
150	Re-analyzing the Dynamical Stability of the HD 47366 Planetary System. Astronomical Journal, 2019, 157, 1.	4.7	7
151	K2-HERMES II. Planet-candidate properties from K2 Campaigns 1-13. Monthly Notices of the Royal Astronomical Society, 2020, 496, 851-863.	4.4	7
152	Astrocladistics of the Jovian Trojan Swarms. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1571-1608.	4.4	7
153	The GALAH Survey: No Chemical Evidence of an Extragalactic Origin for the Nyx Stream. Astrophysical Journal Letters, 2021, 912, L30.	8.3	7
154	The GALAH survey: characterization of emission-line stars with spectral modelling using autoencoders. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4849-4865.	4.4	7
155	Formation and dynamical evolution of the Neptune Trojans - the influence of the initial Solar system architecture. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	6
156	On the RZ Draconis substellar circumbinary companions. Astronomy and Astrophysics, 2014, 565, A104.	5.1	6
157	The GALAH survey: a catalogue of carbon-enhanced stars and CEMP candidates. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3196-3212.	4.4	6
158	The GALAH survey: velocity fluctuations in the Milky Way using Red Clump giants. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4215-4232.	4.4	6
159	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. Astronomical Journal, 2022, 163, 82.	4.7	6
160	Which exo-Earths should we search for life?. Astronomy and Geophysics, 2011, 52, 1.16-1.20.	0.2	5
161	The Dynamical Structure of HR 8799's Inner Debris Disk. Origins of Life and Evolution of Biospheres, 2015, 45, 41-49.	1.9	5
162	A Herschel resolved debris disc around HD 105211. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4725-4734.	4.4	5

#	ARTICLE	IF	CITATIONS
163	A Full Implementation of Spectro-perfectionism for Precise Radial Velocity Exoplanet Detection: A Test Case With the MINERVA Reduction Pipeline. Publications of the Astronomical Society of the Pacific, 2019, 131, 124503.	3.1	5
164	Planet Hunters TESS III: two transiting planets around the bright G&Ardwarf HD 152843. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1827-1840.	4.4	5
165	The Relationship between Centaurs and Jupiter Family Comets with Implications for K-Pg-type Impacts. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	4
166	The GALAH survey: unresolved triple Sun-like stars discovered by the Gaia mission. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2474-2490.	4.4	4
167	A pair of Jovian Trojans at the L4 Lagrange point. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3630-3649.	4.4	4
168	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. Astronomical Journal, 2022, 163, 273.	4.7	4
169	The $\frac{1}{4}$ Arae Planetary System: Radial Velocities and Astrometry. Astronomical Journal, 2022, 163, 295.	4.7	4
170	Stability analysis of three exoplanet systems. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2280-2288.	4.4	3
171	HD 183579b: a warm sub-Neptune transiting a solar twin detected by <i>TESS</i>. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2220-2240.	4.4	3
172	The GALAH Survey: improving our understanding of confirmed and candidate planetary systems with large stellar surveys. Monthly Notices of the Royal Astronomical Society, 2021, 510, 2041-2060.	4.4	3
173	Measuring the Severity of Close Encounters Between Ringed Small Bodies and Planets. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	2
174	Multi-wavelength, spatially resolved modelling of HD&A48682Á's debris disc. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1098-1109.	4.4	2
175	Testing proposed planetary systems - to destruction. Astronomy and Geophysics, 2014, 55, 4.30-4.35.	0.2	1
176	The <sc>HD</sc> 217107 planetary system: Twenty years of radial velocity measurements. Astronomische Nachrichten, 2020, 341, 870-878.	1.2	1
177	A thermophysical and dynamical study of the Hildas, (1162) Larissa, and (1911) Schubart. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4981-4992.	4.4	1
178	The Neptune Trojans: a window on the birth of the solar system. Astronomy and Geophysics, 2011, 52, 4.24-4.30.	0.2	0
179	Message from the Executive Council of the Astrobiology Society: The First Year. Astrobiology, 2011, 11, 75-75.	3.0	0
180	Dynamical Constraints on Exoplanets. Proceedings of the International Astronomical Union, 2013, 8, 293-294.	0.0	0