Jonathan A Horner

List of Publications by Citations

179 papers	5,210 citations	46 h-index	62 g-index
183 ext. papers	6,120 ext. citations	4.5 avg, IF	5.56 L-index

#	Paper	IF	Citations
179	The GALAH Survey: second data release. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 4513-4552	4.3	193
178	The Origin of Mercury. *Space Science Reviews*, **2007**, 132, 189-202	7.5	146
177	Simulations of the population of Centaurs - I. The bulk statistics. *Monthly Notices of the Royal Astronomical Society*, **2004**, 354, 798-810	4.3	144
176	The GALAH survey: observational overview andGaiaDR1 companion. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 3203-3219	4.3	123
175	Herschel imaging of 61 Vir: implications for the prevalence of debris in low-mass planetary systems. *Monthly Notices of the Royal Astronomical Society*, **2012**, 424, 1206-1223	4.3	94
174	An unbiased study of debris discs around A-type stars with Herschel. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 2558-2573	4.3	93
173	Signals embedded in the radial velocity noise. *Astronomy and Astrophysics*, **2013**, 551, A79	5.1	92
172	THE ANGLO-AUSTRALIAN PLANET SEARCH XXIV: THE FREQUENCY OF JUPITER ANALOGS. *Astrophysical Journal*, **2016**, 819, 28	4.7	89
171	A dynamical analysis of the proposed HU Aquarii planetary system. *Monthly Notices of the Royal Astronomical Society: Letters*, **2011**, 416, L11-L15	4.3	80
170	Resolving debris discs in the far-infrared: Early highlights from the DEBRIS survey. *Astronomy and Astrophysics*, **2010**, 518, L135	5.1	76
169	Revisiting the proposed planetary system orbiting the eclipsing polar HU Aquarii. *Monthly Notices of the Royal Astronomical Society*, **2012**, 419, 3258-3267	4.3	75
168	THE McDONALD OBSERVATORY PLANET SEARCH: NEW LONG-PERIOD GIANT PLANETS AND TWO INTERACTING JUPITERS IN THE HD 155358 SYSTEM. *Astrophysical Journal*, **2012**, 749, 39	4.7	73
167	FOREVER ALONE? TESTING SINGLE ECCENTRIC PLANETARY SYSTEMS FOR MULTIPLE COMPANIONS. *Astrophysical Journal, Supplement Series*, **2013**, 208, 2	8	72
166	The populations of comet-like bodies in the Solar system. *Monthly Notices of the Royal Astronomical Society*, **2003**, 343, 1057-1066	4.3	72
165	DOES THE PRESENCE OF PLANETS AFFECT THE FREQUENCY AND PROPERTIES OF EXTRASOLAR KUIPER BELTS? RESULTS FROM THEHERSCHELDEBRIS AND DUNES SURVEYS. *Astrophysical Journal*, **2015**, 801, 143	4.7	71
164	The GALAH+ survey: Third data release. *Monthly Notices of the Royal Astronomical Society*, **2021**, 506, 150-201	4.3	70
163	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXII. TWO NEW MULTI-PLANET SYSTEMS. *Astrophysical Journal*, **2012**, 753, 169	4.7	68

162	Jupiter Friend or foe? I: The asteroids. *International Journal of Astrobiology*, **2008**, 7, 251-261	1.4	68
161	Simulations of the population of Centaurs - II. Individual objects. *Monthly Notices of the Royal Astronomical Society*, **2004**, 355, 321-329	4.3	66
160	A dynamical analysis of the proposed circumbinary HW Virginis planetary system. *Monthly Notices of the Royal Astronomical Society*, **2012**, 427, 2812-2823	4.3	65
159	On the dynamical stability of the proposed planetary system orbiting NSVS 14256825. *Monthly Notices of the Royal Astronomical Society*, **2013**, 431, 2150-2154	4.3	65
158	A detailed investigation of the proposed NN Serpentis planetary system. *Monthly Notices of the Royal Astronomical Society*, **2012**, 425, 749-756	4.3	62
157	A detailed dynamical investigation of the proposed QS Virginis planetary system. *Monthly Notices of the Royal Astronomical Society*, **2013**, 435, 2033-2039	4.3	62
156	Alignment in star-debris disc systems seen by Herschel. *Monthly Notices of the Royal Astronomical Society: Letters*, **2014**, 438, L31-L35	4.3	60
155	A DEBRIS disk around the planet hosting M-star GJ 581 spatially resolved withHerschel. *Astronomy and Astrophysics*, **2012**, 548, A86	5.1	60
154	The capture of Centaurs as Trojans. *Monthly Notices of the Royal Astronomical Society: Letters*, **2006**, 367, L20-L23	4.3	59
153	A planet within the debris disk around the pre-main-sequence star AU Microscopii. *Nature*, **2020**, 582, 497-500	50.4	58
152	TNOs are Cool A survey of the trans-Neptunian region. *Astronomy and Astrophysics*, **2010**, 518, L148	5.1	58
151	Determining habitability: which exoEarths should we search for life?. *International Journal of Astrobiology*, **2010**, 9, 273-291	1.4	58
150	GJ 832c: A SUPER-EARTH IN THE HABITABLE ZONE. *Astrophysical Journal*, **2014**, 791, 114	4.7	57
149	The Neptune Trojans - a new source for the Centaurs?. *Monthly Notices of the Royal Astronomical Society*, **2010**, 402, 13-20	4.3	57
148	A SECOND GIANT PLANET IN 3:2 MEAN-MOTION RESONANCE IN THE HD 204313 SYSTEM. *Astrophysical Journal*, **2012**, 754, 50	4.7	56
147	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXIII. TWO NEW JUPITER ANALOGS. *Astrophysical Journal*, **2014**, 783, 103	4.7	55
146	Jupiter Friend or foe? II: the Centaurs. *International Journal of Astrobiology*, **2009**, 8, 75-80	1.4	55
145	THE FREQUENCY OF LOW-MASS EXOPLANETS. III. TOWARD AT SHORT PERIODS. *Astrophysical Journal*, **2011**, 738, 81	4.7	54

144	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXI. A GAS-GIANT PLANET IN A ONE YEAR ORBIT AND THE HABITABILITY OF GAS-GIANT SATELLITES. *Astrophysical Journal*, **2011**, 732, 31	4.7	52
143	RESONANCES REQUIRED: DYNAMICAL ANALYSIS OF THE 24 Sex AND HD 200964 PLANETARY SYSTEMS. *Astrophysical Journal*, **2012**, 761, 165	4.7	51
142	Main-sequence progenitor configurations of the NN Ser candidate circumbinary planetary system are dynamically unstable. *Monthly Notices of the Royal Astronomical Society*, **2013**, 436, 2515-2521	4.3	50
141	TNOs are Cool: A Survey of the Transneptunian Region. *Earth, Moon and Planets*, **2009**, 105, 209-219	0.6	50
140	Origin and dynamical evolution of Neptune Trojans - I. Formation and planetary migration. *Monthly Notices of the Royal Astronomical Society*, **2009**, 398, 1715-1729	4.3	50
139	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. *Astrophysical Journal Letters*, **2019**, 881, L19	7.9	49
138	TNOs are Cool A survey of the trans-Neptunian region. *Astronomy and Astrophysics*, **2010**, 518, L146	5.1	48
137	TNOs are Cool A survey of the trans-Neptunian region. *Astronomy and Astrophysics*, **2010**, 518, L147	5.1	48
136	The photophoretic sweeping of dust in transient protoplanetary disks. *Astronomy and Astrophysics*, **2007**, 462, 977-987	5.1	47
135	Dynamical simulations of the HR8799 planetary system. *International Journal of Astrobiology*, **2010**, 9, 259-264	1.4	46
134	Jupiter Friend or foe? III: the Oort cloud comets. *International Journal of Astrobiology*, **2010**, 9, 1-10	1.4	46
133	Correlations between the stellar, planetary, and debris components of exoplanet systems observed byHerschel. *Astronomy and Astrophysics*, **2014**, 565, A15	5.1	45
132	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. *Astrophysical Journal*, **2016**, 818, 34	4.7	42
131	A DETAILED ANALYSIS OF THE HD 73526 2:1 RESONANT PLANETARY SYSTEM. *Astrophysical Journal*, **2014**, 780, 140	4.7	42
130	Origin and dynamical evolution of Neptune Trojans - II. Long-term evolution. *Monthly Notices of the Royal Astronomical Society*, **2011**, 412, 537-550	4.3	42
129	The K2-HERMES Survey: age and metallicity of the thick disc. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 5335-5352	4.3	40
128	The Pan-Pacific Planet Search. VII. The Most Eccentric Planet Orbiting a Giant Star. *Astronomical Journal*, **2017**, 154, 274	4.9	39
127	THE PAN-PACIFIC PLANET SEARCH. IV. TWO SUPER-JUPITERS IN A 3:5 RESONANCE ORBITING THE GIANT STAR HD 33844. *Astrophysical Journal*, **2016**, 818, 35	4.7	39

126	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	4.3	37
125	Photophoresis as a source of hot minerals in comets. *Astronomy and Astrophysics*, **2007**, 466, L9-L12	5.1	37
124	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 115003	5	36
123	Revisiting the proposed circumbinary multiplanet system NSVS 14256825. *Monthly Notices of the Royal Astronomical Society*, **2014**, 438, 307-317	4.3	36
122	Jupiter □friend or foe? IV: the influence of orbital eccentricity and inclination. *International Journal of Astrobiology*, **2012**, 11, 147-156	1.4	36
121	Constraints on the Formation Regions of Comets from their D:H Ratios. *Earth, Moon and Planets*, **2007**, 100, 43-56	0.6	36
120	A dynamical investigation of the proposed BD +20 2457 system. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 1176-1181	4.3	35
119	The Anglo-Australian Planet Search. XXV. A Candidate Massive Saturn Analog Orbiting HD 30177. *Astronomical Journal*, **2017**, 153, 167	4.9	34
118	The Galah Survey: Classification and Diagnostics with t-SNE Reduction of Spectral Information. *Astrophysical Journal, Supplement Series*, **2017**, 228, 24	8	34
117	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1□. *Astronomical Journal*, **2018**, 155, 84	4.9	33
116	The Dynamical History of Chariklo and Its Rings. *Astronomical Journal*, **2017**, 153, 245	4.9	32
115	The GALAH survey: verifying abundance trends in the open cluster M67 using non-LTE modelling. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 2666-2684	4.3	32
114	A BCool survey of the magnetic fields of planet-hosting solar-type stars. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 2734-2747	4.3	31
113	(1173) Anchises - thermophysical and dynamical studies of a dynamically unstable Jovian Trojan. *Monthly Notices of the Royal Astronomical Society*, **2012**, 423, 2587-2596	4.3	31
112	Planetary Trojans □the main source of short period comets?. *International Journal of Astrobiology*, **2010**, 9, 227-234	1.4	30
111	Differences between the impact regimes of the terrestrial planets: Implications for primordial D:H ratios. *Planetary and Space Science*, **2009**, 57, 1338-1345	2	30
110	Modelling the inner debris disc of HR 8799. *Monthly Notices of the Royal Astronomical Society*, **2016**, 463, 191-204	4.3	30
109	The GALAH survey: properties of the Galactic disc(s) in the solar neighbourhood. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 5216-5232	4.3	29

108	SPATIALLY RESOLVED IMAGING OF THE TWO-COMPONENT Crv DEBRIS DISK WITHHERSCHEL. *Astrophysical Journal*, **2014**, 784, 148	4.7	29
107	A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. *Astronomy and Astrophysics*, **2019**, 623, A100	5.1	28
106	The GALAH survey: chemodynamics of the solar neighbourhood. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 2952-2964	4.3	28
105	Observing Strategies for the Detection of Jupiter Analogs. *Publications of the Astronomical Society of the Pacific*, **2013**, 125, 351-356	5	28
104	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	4.3	28
103	THE PAN-PACIFIC PLANET SEARCH. II. CONFIRMATION OF A TWO-PLANET SYSTEM AROUND HD 121056. *Astrophysical Journal*, **2015**, 800, 74	4.7	27
102	Stable habitable zones of single Jovian planet systems. *Monthly Notices of the Royal Astronomical Society*, **2017**, 471, 4494-4507	4.3	27
101	Near-resonance in a System of Sub-Neptunes from TESS. *Astronomical Journal*, **2019**, 158, 177	4.9	27
100	2008 LC18: a potentially unstable Neptune Trojan. *Monthly Notices of the Royal Astronomical Society*, **2012**, 422, 2145-2151	4.3	25
99	The GALAH Survey: non-LTE departure coefficients for large spectroscopic surveys. *Astronomy and Astrophysics*, **2020**, 642, A62	5.1	25
98	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	4.3	24
97	The Dynamical History of 2060 Chiron and Its Proposed Ring System. *Astronomical Journal*, **2018**, 155, 2	4.9	24
96	The dynamical evolution of dwarf planet (136108) Haumea's collisional family: general properties and implications for the trans-Neptunian belt. *Monthly Notices of the Royal Astronomical Society*, **2012**, 421, 1331-1350	4.3	22
95	Biases in cometary catalogues and Planet X. *Monthly Notices of the Royal Astronomical Society*, **2002** , 335, 641-654	4.3	22
94	The GALAH survey and Gaia DR2: (non-)existence of five sparse high-latitude open clusters. *Monthly Notices of the Royal Astronomical Society*, **2018**, 480, 5242-5259	4.3	21
93	The capture of Trojan asteroids by the giant planets during planetary migration. *Monthly Notices of the Royal Astronomical Society*, **2010**,	4.3	21
92	Revised Exoplanet Radii and Habitability Using Gaia Data Release 2. *Astrophysical Journal, Supplement Series*, **2018**, 239, 14	8	21
91	The GALAH survey: accurate radial velocities and library of observed stellar template spectra. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 645-654	4.3	21

90	Detection of Planetary and Stellar Companions to Neighboring Stars via a Combination of Radial Velocity and Direct Imaging Techniques. *Astronomical Journal*, **2019**, 157, 252	4.9	20
89	Origin of volatiles in the main belt. *Monthly Notices of the Royal Astronomical Society*, **2007**, 383, 1269-1280	4.9	20
88	It's Complicated: A Big Data Approach to Exploring Planetesimal Evolution in the Presence of Jovian Planets. *Astronomical Journal*, **2018**, 156, 232	4.9	19
87	The Mysterious Dimmings of the T Tauri Star V1334 Tau. *Astrophysical Journal*, **2017**, 836, 209	4.7	18
86	TOI-677b: A Warm Jupiter (P= 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. *Astronomical Journal*, **2020**, 159, 145	4.9	18
85	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	4.3	17
84	2004 KV18: a visitor from the scattered disc to the Neptune Trojan population. *Monthly Notices of the Royal Astronomical Society*, **2012**, 426, 159-166	4.3	15
83	The GALAH survey: temporal chemical enrichment of the galactic disc. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 2043-2056	4.3	15
82	TNOs are Cool: A survey of the trans-Neptunian region. *Astronomy and Astrophysics*, **2018**, 618, A136	5.1	15
81	Truly eccentric I. Revisiting eight single-eccentric planetary systems. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 5859-5867	4.3	13
80	The GALAH survey: a new constraint on cosmological lithium and Galactic lithium evolution from warm dwarf stars. *Monthly Notices of the Royal Astronomical Society: Letters*, **2020**, 497, L30-L34	4.3	13
79	The Pan-Pacific Planet Search VIII. Complete results and the occurrence rate of planets around low-luminosity giants. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 5248-5257	4.3	13
78	The GALAH Survey: Chemically tagging the Fimbulthul stream to the globular cluster Centauri. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 3374-3384	4.3	13
77	Mass extinction and the structure of the milky way. *Serbian Astronomical Journal*, **2013**, 43-52	0.9	13
76	A portrait of the extreme solar system object 2012 DR30. *Astronomy and Astrophysics*, **2013**, 555, A3	5.1	13
75	2001 QR322: a dynamically unstable Neptune Trojan?. *Monthly Notices of the Royal Astronomical Society*, **2010**,	4.3	13
74	Constraints from deuterium on the formation of icy bodies in the Jovian system and beyond. *Planetary and Space Science*, **2008**, 56, 1585-1595	2	12
73	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. *Astronomical Journal*, **2020**, 160, 111	4.9	12

72	Fundamental relations for the velocity dispersion of stars in the Milky Way. *Monthly Notices of the Royal Astronomical Society*, **2021**, 506, 1761-1776	4.3	12
71	The GALAH survey: co-orbiting stars and chemical tagging. *Monthly Notices of the Royal Astronomical Society*, **2019**, 482, 5302-5315	4.3	12
70	Properties of the single Jovian planet population and the pursuit of Solar system analogues. *Monthly Notices of the Royal Astronomical Society*, **2018**, 477, 3646-3658	4.3	12
69	Physical properties of the extreme Centaur and super-comet candidate 2013 AZ60. *Astronomy and Astrophysics*, **2015**, 583, A93	5.1	11
68	Prospecting for exo-Earths in multiple planet systems with a gas giant. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 4680-4697	4.3	11
67	The GALAH Survey: lithium-strong KM dwarfs. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 4591-4600	4.3	10
66	Jupiter: friend or foe? An answer. *Astronomy and Geophysics*, **2010**, 51, 6.16-6.22	0.2	10
65	Solar System Physics for Exoplanet Research. *Publications of the Astronomical Society of the Pacific*, **2020**, 132, 102001	5	10
64	Stability of Jovian Trojans and their collisional families. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 4085-4097	4.3	10
63	The GALAH survey: effective temperature calibration from the InfraRed Flux Method in the Gaia system. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 2684-2696	4.3	10
62	Truly eccentric II. When can two circular planets mimic a single eccentric orbit?. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 4230-4238	4.3	9
61	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. *Astronomical Journal*, **2019** , 158, 100	4.9	9
60	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. *Astronomical Journal*, **2020**, 160, 235	4.9	9
59	An Orbital Stability Study of the Proposed Companions of SW Lyncis. *Journal of Astronomy and Space Sciences*, **2014**, 31, 187-197		9
58	Cladistical Analysis of the Jovian and Saturnian Satellite Systems. *Astrophysical Journal*, **2018**, 859, 97	4.7	8
57	Transits of Known Planets Orbiting a Naked-eye Star. *Astronomical Journal*, **2020**, 160, 129	4.9	8
56	Predicting multiple planet stability and habitable zone companions in the TESS era. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 4703-4725	4.3	7
55	Resolved Imaging of the AR Puppis Circumbinary Disk. *Astronomical Journal*, **2019**, 157, 110	4.9	7

54	Quantifying the Influence of Jupiter on the Earth Orbital Cycles. *Astronomical Journal*, **2020**, 159, 10	4.9	7
53	CYCLIC TRANSIT PROBABILITIES OF LONG-PERIOD ECCENTRIC PLANETS DUE TO PERIASTRON PRECESSION. *Astrophysical Journal*, **2012**, 757, 105	4.7	7
52	IMPACT REGIMES AND POST-FORMATION SEQUESTRATION PROCESSES: IMPLICATIONS FOR THE ORIGIN OF HEAVY NOBLE GASES IN TERRESTRIAL PLANETS. *Astrophysical Journal*, **2010**, 714, 1418-1423	4.7	7
51	Jupiter: friend or foe?. *Astronomy and Geophysics*, **2008**, 49, 1.22-1.27	0.2	7
50	Initial Characterization of Active Transitioning Centaur, P/2019 LD2 (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. *Astronomical Journal*, **2021**, 161, 116	4.9	7
49	The Origin of Mercury. *Space Sciences Series of ISSI*, **2008**, 7-20	0.1	7
48	First Radial Velocity Results From the MINiature Exoplanet Radial Velocity Array (MINERVA). *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 115001	5	6
47	Discovery of a Compact Companion to a Nearby Star. *Astrophysical Journal*, **2019**, 875, 74	4.7	6
46	Re-analyzing the Dynamical Stability of the HD 47366 Planetary System. *Astronomical Journal*, **2019** , 157, 1	4.9	6
45	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. *Astronomical Journal*, **2021**, 162, 137	4.9	6
44	The Dynamical Structure of HR 8799's Inner Debris Disk. *Origins of Life and Evolution of Biospheres*, **2015**, 45, 41-9	1.5	5
43	On the RZ Draconis substellar circumbinary companions. *Astronomy and Astrophysics*, **2014**, 565, A104	5.1	5
42	Formation and dynamical evolution of the Neptune Trojans the influence of the initial Solar system architecture. *Monthly Notices of the Royal Astronomical Society*, **2010**,	4.3	5
41	Could the Migration of Jupiter Have Accelerated the Atmospheric Evolution of Venus?. *Planetary Science Journal*, **2020**, 1, 42	2.9	5
40	K2-HERMES II. Planet-candidate properties from K2 Campaigns 1-13. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 851-863	4.3	5
39	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. *Astronomical Journal*, **2021**, 161, 194	4.9	5
38	A Transiting Warm Giant Planet around the Young Active Star TOI-201. *Astronomical Journal*, **2021**, 161, 235	4.9	5
37	The GALAH Survey: using galactic archaeology to refine our knowledge of TESS target stars. *Monthly Notices of the Royal Astronomical Society*, **2021**, 504, 4968-4989	4.3	5

36	The GALAH survey: a catalogue of carbon-enhanced stars and CEMP candidates. *Monthly Notices of the Royal Astronomical Society*, **2019**, 483, 3196-3212	4.3	5
35	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	4.3	5
34	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	5	4
33	Which exoEarths should we search for life?. *Astronomy and Geophysics*, **2011**, 52, 1.16-1.20	0.2	4
32	The GALAH survey: accreted stars also inhabit the Spite plateau. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 43-54	4.3	4
31	The GALAH Survey: chemical tagging and chrono-chemodynamics of accreted halo stars with GALAH+ DR3 and Gaia eDR3. *Monthly Notices of the Royal Astronomical Society*, **2022**, 510, 2407-2436	4.3	4
30	The GALAH survey: unresolved triple Sun-like stars discovered by the Gaia mission. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 2474-2490	4.3	3
29	The Relationship between Centaurs and Jupiter Family Comets with Implications for K-Pg-type Impacts. *Monthly Notices of the Royal Astronomical Society*, **2019**,	4.3	3
28	A Herschel resolved debris disc around HD 105211. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 4725-4734	4.3	3
27	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. *Astrophysical Journal Letters*, **2021**, 920, L16	7.9	3
26	The GALAH survey: characterization of emission-line stars with spectral modelling using autoencoders. *Monthly Notices of the Royal Astronomical Society*, **2020**, 500, 4849-4865	4.3	3
25	Astrocladistics of the Jovian Trojan Swarms. *Monthly Notices of the Royal Astronomical Society*, **2021** , 504, 1571-1608	4.3	3
24	The GALAH survey: a census of lithium-rich giant stars. *Monthly Notices of the Royal Astronomical Society*,	4.3	3
23	The GALAH survey: Chemical homogeneity of the Orion complex. *Monthly Notices of the Royal Astronomical Society*, **2021**, 506, 4232-4250	4.3	3
22	The GALAH survey: velocity fluctuations in the Milky Way using Red Clump giants. *Monthly Notices of the Royal Astronomical Society*, **2019**, 482, 4215-4232	4.3	3
21	The Fundamental Connections between the Solar System and Exoplanetary Science. *Journal of Geophysical Research E: Planets*, **2021**, 126, e2020JE006643	4.1	3
20	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 2782-2803	4.3	3
19	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. *Astronomical Journal*, **2021**, 161, 82	4.9	3

18	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	4.9	3
17	Stability analysis of three exoplanet systems. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 2280-2288	4.3	2
16	The GALAH Survey: No Chemical Evidence of an Extragalactic Origin for the Nyx Stream. *Astrophysical Journal Letters*, **2021**, 912, L30	7.9	2
15	Measuring the severity of close encounters between ringed small bodies and planets. *Monthly Notices of the Royal Astronomical Society*, **2018**,	4.3	2
14	Multi-wavelength, spatially resolved modelling of HD 48682 debris disc. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 1098-1109	4.3	1
13	Testing proposed planetary systems - to destruction. *Astronomy and Geophysics*, **2014**, 55, 4.30-4.35	0.2	1
12	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. *Astronomical Journal*, **2022**, 163, 82	4.9	1
11	A pair of Jovian Trojans at the L4 Lagrange point. *Monthly Notices of the Royal Astronomical Society*, **2020**, 499, 3630-3649	4.3	1
10	Planet Hunters TESS III: two transiting planets around the bright G dwarf HD 152843. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 1827-1840	4.3	1
9	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 2220-2240	4.3	1
8	The Arae Planetary System: Radial Velocities and Astrometry. *Astronomical Journal*, **2022**, 163, 295	4.9	1
7	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. *Astronomical Journal*, **2022**, 163, 289	4.9	1
6	The HD 217107 planetary system: Twenty years of radial velocity measurements. *Astronomische Nachrichten*, **2020**, 341, 870-878	0.7	0
5	A thermophysical and dynamical study of the Hildas, (1162) Larissa, and (1911) Schubart. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 4981-4992	4.3	0
4	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. *Astronomical Journal*, **2022**, 163, 273	4.9	0
3	Dynamical Constraints on Exoplanets. *Proceedings of the International Astronomical Union*, **2013**, 8, 293-294		
2	The Neptune Trojans: a window on the birth of the solar system. *Astronomy and Geophysics*, **2011**, 52, 4.24-4.30	0.2	
1	Message from the Executive Council of the Astrobiology Society: The First Year. *Astrobiology*, **2011**, 11, 75-75	3.7	