Rob A Wittenmyer

List of Publications by Year in descending order

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125 papers 5,887 citations

38 h-index 102487 66 g-index

126 all docs

 $\begin{array}{c} 126 \\ \\ \text{docs citations} \end{array}$

126 times ranked 3667 citing authors

#	Article	IF	CITATIONS
1	A disintegrating minor planet transiting a white dwarf. Nature, 2015, 526, 546-549.	27.8	367
2	The GALAH+ survey: Third data release. Monthly Notices of the Royal Astronomical Society, 2021, 506, 150-201.	4.4	293
3	Detection Limits from the McDonald Observatory Planet Search Program. Astronomical Journal, 2006, 132, 177-188.	4.7	271
4	The GALAH Survey: second data release. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4513-4552.	4.4	269
5	State of the Field: Extreme Precision Radial Velocities. Publications of the Astronomical Society of the Pacific, 2016, 128, 066001.	3.1	253
6	Exploring the Frequency of Closeâ€in Jovian Planets around M Dwarfs. Astrophysical Journal, 2006, 649, 436-443.	4.5	179
7	TESS Discovery of a Transiting Super-Earth in the pi Mensae System. Astrophysical Journal Letters, 2018, 868, L39.	8.3	148
8	A planet within the debris disk around the pre-main-sequence star AU Microscopii. Nature, 2020, 582, 497-500.	27.8	145
9	A PLANETARY SYSTEM AROUND THE NEARBY M DWARF CJ 667C WITH AT LEAST ONE SUPER-EARTH IN ITS HABITABLE ZONE. Astrophysical Journal Letters, 2012, 751, L16.	8.3	139
10	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucana–Horologium Association. Astrophysical Journal Letters, 2019, 880, L17.	8.3	110
11	THE ANGLO-AUSTRALIAN PLANET SEARCH XXIV: THE FREQUENCY OF JUPITER ANALOGS. Astrophysical Journal, 2016, 819, 28.	4.5	109
12	The TESS–HERMES survey data release 1: high-resolution spectroscopy of the TESS southern continuous viewing zone. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2004-2019.	4.4	109
13	A SEARCH FOR MULTI-PLANET SYSTEMS USING THE HOBBY-EBERLY TELESCOPE. Astrophysical Journal, Supplement Series, 2009, 182, 97-119.	7.7	93
14	KELT-20b: A Giant Planet with a Period of PÂâ^¼Â3.5 days Transiting the VÂâ^¼Â7.6 Early A Star HD 185603. Astronomical Journal, 2017, 154, 194.	4.7	87
15	FOREVER ALONE? TESTING SINGLE ECCENTRIC PLANETARY SYSTEMS FOR MULTIPLE COMPANIONS. Astrophysical Journal, Supplement Series, 2013, 208, 2.	7.7	86
16	THE PAN-PACIFIC PLANET SEARCH. I. A GIANT PLANET ORBITING 7 CMa. Astrophysical Journal, 2011, 743, 184.	4.5	81
17	Revisiting the proposed planetary system orbiting the eclipsing polar HU Aquarii. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3258-3267.	4.4	81
18	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. Astrophysical Journal Letters, 2019, 881, L19.	8.3	80

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19	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXII. TWO NEW MULTI-PLANET SYSTEMS. Astrophysical Journal, 2012, 753, 169.	4.5	79
20	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
21	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. Astronomical Journal, 2017, 154, 226.	4.7	74
22	ON THE FREQUENCY OF JUPITER ANALOGS. Astrophysical Journal, 2011, 727, 102.	4.5	73
23	Miniature Exoplanet Radial Velocity Array I: design, commissioning, and early photometric results. Journal of Astronomical Telescopes, Instruments, and Systems, 2015, 1, 027002.	1.8	72
24	A SECOND GIANT PLANET IN 3:2 MEAN-MOTION RESONANCE IN THE HD 204313 SYSTEM. Astrophysical Journal, 2012, 754, 50.	4.5	65
25	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 115003.	3.1	65
26	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXIII. TWO NEW JUPITER ANALOGS. Astrophysical Journal, 2014, 783, 103.	4.5	64
27	A long-period planet orbiting a nearby Sun-like star. Monthly Notices of the Royal Astronomical Society, 2010, 403, 1703-1713.	4.4	63
28	THE FREQUENCY OF LOW-MASS EXOPLANETS. III. TOWARD Î- _⊕ AT SHORT PERIODS. Astrophysical Journal, 2011, 738, 81.	4.5	63
29	THE FREQUENCY OF LOW-MASS EXOPLANETS. Astrophysical Journal, 2009, 701, 1732-1741.	4.5	61
30	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.	4.5	61
31	KELT-19Ab: A PÂâ^1⁄4Â4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. Astronomical Journal, 2018, 155, 35.	4.7	61
32	The GALAH survey: the data reduction pipeline. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1259-1281.	4.4	60
33	A DOUBLE PLANETARY SYSTEM AROUND THE EVOLVED INTERMEDIATE-MASS STAR HD 4732. Astrophysical Journal, 2013, 762, 9.	4.5	57
34	Four new planets around giant stars and the mass-metallicity correlation of planet-hosting stars. Astronomy and Astrophysics, 2016, 590, A38.	5.1	57
35	RESONANCES REQUIRED: DYNAMICAL ANALYSIS OF THE 24 Sex AND HD 200964 PLANETARY SYSTEMS. Astrophysical Journal, 2012, 761, 165.	4.5	55
36	The K2-HERMES Survey: age and metallicity of the thick disc. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5335-5352.	4.4	54

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37	THE FREQUENCY OF LOW-MASS EXOPLANETS. II. THE "PERIOD VALLEY― Astrophysical Journal, 2010, 722, 1854-1863.	4.5	53
38	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. 5	53
39	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.	4.5	48
40	THE PAN-PACIFIC PLANET SEARCH. VI. GIANT PLANETS ORBITING HD 86950 AND HD 222076. Astronomical Journal, 2017, 153, 51.	4.7	48
41	THE ANGLO-AUSTRALIAN PLANET SEARCH. XX. A SOLITARY ICE-GIANT PLANET ORBITING HD 102365. Astrophysical Journal, 2011, 727, 103.	4.5	47
42	The Pan-Pacific Planet Search. VII. The Most Eccentric Planet Orbiting a Giant Star. Astronomical Journal, 2017, 154, 274.	4.7	47
43	The GALAH survey: effective temperature calibration from the InfraRed Flux Method in the <i>Gaia</i> system. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2684-2696.	4.4	46
44	Orbit and Dynamical Mass of the Late-T Dwarf GL 758 B*. Astronomical Journal, 2018, 155, 159.	4.7	43
45	The Anglo-Australian Planet Search. XXV. A Candidate Massive Saturn Analog Orbiting HD 30177. Astronomical Journal, 2017, 153, 167.	4.7	42
46	A dynamical investigation of the proposed BD \pm 20 2457 system. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1176-1181.	4.4	40
47	The Mt John University Observatory search for Earth-mass planets in the habitable zone of $\hat{l}\pm$ Centauri. International Journal of Astrobiology, 2015, 14, 305-312.	1.6	40
48	Transiting Exoplanet Monitoring Project (TEMP). II. Refined System Parameters and Transit Timing Analysis of HAT-P-33b. Astronomical Journal, 2017, 154, 49.	4.7	40
49	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. Astronomical Journal, 2021, 162, 295.	4.7	39
50	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1–3. Astronomical Journal, 2018, 155, 84.	4.7	38
51	THE PAN-PACIFIC PLANET SEARCH. V. FUNDAMENTAL PARAMETERS FOR 164 EVOLVED STARS. Astronomical Journal, 2016, 152, 19.	4.7	36
52	The Pan-Pacific Planet Search III: five companions orbiting giant stars. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1398-1405.	4.4	36
53	A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. Astronomy and Astrophysics, 2019, 623, A100.	5.1	36
54	THE PAN-PACIFIC PLANET SEARCH. II. CONFIRMATION OF A TWO-PLANET SYSTEM AROUND HD 121056. Astrophysical Journal, 2015, 800, 74.	4.5	35

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55	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
56	Observing Strategies for the Detection of Jupiter Analogs. Publications of the Astronomical Society of the Pacific, 2013, 125, 351-356.	3.1	34
57	Near-resonance in a System of Sub-Neptunes from TESS. Astronomical Journal, 2019, 158, 177.	4.7	34
58	The GALAH survey: multiple stars and our Galaxy. Astronomy and Astrophysics, 2020, 638, A145.	5.1	34
59	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
60	PURSUING THE PLANET–DEBRIS DISK CONNECTION: ANALYSIS OF UPPER LIMITS FROM THE ANGLO-AUSTRALIAN PLANET SEARCH. Astronomical Journal, 2015, 149, 86.	4.7	32
61	Exploring Kepler Giant Planets in the Habitable Zone. Astrophysical Journal, 2018, 860, 67.	4.5	32
62	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
63	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1761-1769.	4.4	30
64	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
65	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. Astronomical Journal, 2022, 163, 147.	4.7	28
66	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. Science, 2020, 368, 1477-1481.	12.6	27
67	Dynamical and Observational Constraints on Additional Planets in Highly Eccentric Planetary Systems. Astronomical Journal, 2007, 134, 1276-1284.	4.7	26
68	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.	4.7	26
69	An eccentric companion at the edge of the brown dwarf desert orbiting the 2.4 <i>M</i> _⊙ giant star HIP 67537. Astronomy and Astrophysics, 2017, 602, A58.	5.1	25
70	The GALAH survey: accurate radial velocities and library of observed stellar template spectra. Monthly Notices of the Royal Astronomical Society, 2018, 481, 645-654.	4.4	24
71	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. Astronomical Journal, 2020, 160, 235.	4.7	23
72	Revised Exoplanet Radii and Habitability Using <i>Gaia</i> Data Release 2. Astrophysical Journal, Supplement Series, 2018, 239, 14.	7.7	22

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73	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.	4.4	22
74	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. Astronomical Journal, 2021, 161, 194.	4.7	22
75	The GALAH survey: A census of lithium-rich giant stars. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	22
76	Transits of Known Planets Orbiting a Naked-eye Star. Astronomical Journal, 2020, 160, 129.	4.7	22
77	Transiting Exoplanet Monitoring Project (TEMP). V. Transit Follow Up for HAT-P-9b, HAT-P-32b, and HAT-P-36b. Astronomical Journal, 2019, 157, 82.	4.7	20
78	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.	3.3	20
79	A Transiting Warm Giant Planet around the Young Active Star TOI-201. Astronomical Journal, 2021, 161, 235.	4.7	20
80	Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au. Astronomical Journal, 2019, 158, 181.	4.7	20
81	Truly eccentric – I. Revisiting eight single-eccentric planetary systems. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5859-5867.	4.4	19
82	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. Astronomical Journal, 2021, 162, 137.	4.7	19
83	The GALAH Survey: dependence of elemental abundances on age and metallicity for stars in the Galactic disc. Monthly Notices of the Royal Astronomical Society, 2021, 510, 734-752.	4.4	17
84	The GALAH survey and symbiotic stars $\hat{a} \in \mathbb{C}$ I. Discovery and follow-up of 33 candidate accreting-only systems. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6121-6154.	4.4	16
85	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. Astrophysical Journal Letters, 2021, 920, L16.	8.3	16
86	Transiting Exoplanet Monitoring Project (TEMP). I. Refined System Parameters and Transit Timing Variations of HAT-P-29b. Astronomical Journal, 2018, 156, 181.	4.7	15
87	KELT-24b: A 5M _J Planet on a 5.6 day Well-aligned Orbit around the Young VÂ=Â8.3 F-star HD 93148. Astronomical Journal, 2019, 158, 197.	4.7	15
88	Truly eccentric – II. When can two circular planets mimic a single eccentric orbit?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4230-4238.	4.4	14
89	TESS Asteroseismology of α Mensae: Benchmark Ages for a G7 Dwarf and Its M Dwarf Companion. Astrophysical Journal, 2021, 922, 229.	4.5	14
90	New spectroscopic binary companions of giant stars and updated metallicity distribution for binary systems. Astronomy and Astrophysics, 2016, 593, A133.	5.1	13

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91	Exoplanets in the Antarctic Sky. II. 116 Transiting Exoplanet Candidates Found by AST3-II (CHESPA) within the Southern CVZ of TESS. Astrophysical Journal, Supplement Series, 2019, 240, 17.	7.7	13
92	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
93	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
94	Searching for Earth-mass planets around \hat{l}_{\pm} Centauri: precise radial velocities from contaminated spectra. International Journal of Astrobiology, 2015, 14, 173-176.	1.6	10
95	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. Astronomical Journal, 2019, 158, 100.	4.7	10
96	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
97	KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. Astrophysical Journal, Supplement Series, 2019, 240, 13.	7.7	9
98	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
99	Combined APOGEE-GALAH stellar catalogues using the Cannon. Monthly Notices of the Royal Astronomical Society, 2022, 513, 232-255.	4.4	9
100	The Weihai Observatory Search for Close-in Planets Orbiting Giant Stars. Publications of the Astronomical Society of the Pacific, 2015, 127, 1021-1026.	3.1	8
101	KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones. Astronomical Journal, 2019, 158, 78.	4.7	8
102	Exoplanets in the Antarctic Sky. I. The First Data Release of AST3-II (CHESPA) and New Found Variables within the Southern CVZ of <i>TESS</i> . Astrophysical Journal, Supplement Series, 2019, 240, 16.	7.7	8
103	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
104	News from the \hat{I}^3 Cephei Planetary System. AIP Conference Proceedings, 2011, , .	0.4	7
105	Discovery of a Compact Companion to a Nearby Star. Astrophysical Journal, 2019, 875, 74.	4.5	7
106	Re-analyzing the Dynamical Stability of the HD 47366 Planetary System. Astronomical Journal, 2019, 157, 1.	4.7	7
107	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
108	HD 76920 b pinned down: A detailed analysis of the most eccentric planetary system around an evolved star. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	7

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109	The GALAH+ Survey: A new library of observed stellar spectra improves radial velocities and hints at motions within M67. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	7
110	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. Astronomical Journal, 2022, 163, 82.	4.7	6
111	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). II. A PUZZLING WHITE DWARF AROUND THE SUN-LIKE STAR HD 11112. Astrophysical Journal, 2016, 831, 177.	4.5	5
112	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
113	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
114	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. Astronomical Journal, 2022, 163, 273.	4.7	4
115	Stability analysis of three exoplanet systems. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2280-2288.	4.4	3
116	Following up TESS Single Transits with Archival Photometry and Radial Velocities. Astronomical Journal, 2021, 161, 124.	4.7	3
117	Exoplanets in the Antarctic Sky. III. Stellar Flares Found by AST3-II (CHESPA) within the Southern CVZ of TESS. Astronomical Journal, 2020, 159, 201.	4.7	3
118	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
119	Detection of Stellar Pulsations in the Planet Host Star \hat{I}^3 Cephei A by High Precision Radial Velocity Measurements. , 2009, , .		1
120	The <scp>HD</scp> 217107 planetary system: Twenty years of radial velocity measurements. Astronomische Nachrichten, 2020, 341, 870-878.	1,2	1
121	Exoplanets in the Antarctic Sky. IV. Dual-band Photometry of Variables Found by the CSTAR-II Commissioning Survey at the North Sky. Astronomical Journal, 2020, 159, 172.	4.7	1
122	The Pan-Pacific Planet Search: A Southern Hemisphere Search for Planets Orbiting Evolved Massive Stars., 2011,,.		0
123	A Campaign for the Detection of Earth-Mass Planets in the Habitable Zone of Alpha Centauri. Proceedings of the International Astronomical Union, 2012, 8, 58-64.	0.0	0
124	Direct Imaging Of Long Period Radial Velocity Targets With NICI. Proceedings of the International Astronomical Union, 2013, 8, 66-67.	0.0	0
125	Dynamical Constraints on Exoplanets. Proceedings of the International Astronomical Union, 2013, 8, 293-294.	0.0	0