

Rob A Wittenmyer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2374373/publications.pdf>

Version: 2024-02-01

125
papers

5,887
citations

87888

38
h-index

102487

66
g-index

126
all docs

126
docs citations

126
times ranked

3667
citing authors

#	ARTICLE	IF	CITATIONS
1	TOI-1842b: A Transiting Warm Saturn Undergoing Re-inflation around an Evolving Subgiant. <i>Astronomical Journal</i> , 2022, 163, 82.	4.7	6
2	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. <i>Astronomical Journal</i> , 2022, 163, 147.	4.7	28
3	Combined APOGEE-GALAH stellar catalogues using the Cannon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 232-255.	4.4	9
4	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. <i>Astronomical Journal</i> , 2022, 163, 273.	4.7	4
5	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. <i>Astronomical Journal</i> , 2022, 163, 289.	4.7	11
6	HD 76920 b pinned down: A detailed analysis of the most eccentric planetary system around an evolved star. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	7
7	Following up TESS Single Transits with Archival Photometry and Radial Velocities. <i>Astronomical Journal</i> , 2021, 161, 124.	4.7	3
8	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
9	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.	4.7	20
10	The GALAH Survey: using galactic archaeology to refine our knowledge of <i>TESS</i> target stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4968-4989.	4.4	9
11	The GALAH+ survey: Third data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 150-201.	4.4	293
12	The GALAH survey and symbiotic stars – I. Discovery and follow-up of 33 candidate accreting-only systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 6121-6154.	4.4	16
13	Fundamental relations for the velocity dispersion of stars in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1761-1776.	4.4	35
14	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
15	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. <i>Astronomical Journal</i> , 2021, 162, 137.	4.7	19
16	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021, 161, 82.	4.7	8
17	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3704-3722.	4.4	33
18	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.	8.3	16

#	ARTICLE	IF	CITATIONS
19	The GALAH Survey: improving our understanding of confirmed and candidate planetary systems with large stellar surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 2041-2060.	4.4	3
20	The GALAH Survey: dependence of elemental abundances on age and metallicity for stars in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 734-752.	4.4	17
21	TESS Asteroseismology of $\hat{\iota}$ Mensae: Benchmark Ages for a G7 Dwarf and Its M Dwarf Companion. <i>Astrophysical Journal</i> , 2021, 922, 229.	4.5	14
22	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , 2021, 162, 295.	4.7	39
23	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. <i>Astronomical Journal</i> , 2021, 162, 292.	4.7	11
24	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1761-1769.	4.4	30
25	K2-HERMES II. Planet-candidate properties from K2 Campaigns 1-13. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 851-863.	4.4	7
26	The $\langle \text{sc} \rangle \text{HD} \langle / \text{sc} \rangle$ 217107 planetary system: Twenty years of radial velocity measurements. <i>Astronomische Nachrichten</i> , 2020, 341, 870-878.	1.2	1
27	The GALAH survey: multiple stars and our Galaxy. <i>Astronomy and Astrophysics</i> , 2020, 638, A145.	5.1	34
28	Stability analysis of three exoplanet systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2280-2288.	4.4	3
29	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
30	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
31	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
32	TOI-677b: A Warm Jupiter ($P = 11.2$ days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , 2020, 159, 145.	4.7	32
33	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020, 368, 1477-1481.	12.6	27
34	Cool Jupiters greatly outnumber their toasty siblings: occurrence rates from the Anglo-Australian Planet Search. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 377-383.	4.4	78
35	Exoplanets in the Antarctic Sky. IV. Dual-band Photometry of Variables Found by the CSTAR-II Commissioning Survey at the North Sky. <i>Astronomical Journal</i> , 2020, 159, 172.	4.7	1
36	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

#	ARTICLE	IF	CITATIONS
37	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	4.7	22
38	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
39	Exoplanets in the Antarctic Sky. III. Stellar Flares Found by AST3-II (CHESPA) within the Southern CVZ of TESS. <i>Astronomical Journal</i> , 2020, 159, 201.	4.7	3
40	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. <i>Astronomical Journal</i> , 2019, 158, 100.	4.7	10
41	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
42	KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones. <i>Astronomical Journal</i> , 2019, 158, 78.	4.7	8
43	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanaâ€“Horologium Association. <i>Astrophysical Journal Letters</i> , 2019, 880, L17.	8.3	110
44	Detection of Planetary and Stellar Companions to Neighboring Stars via a Combination of Radial Velocity and Direct Imaging Techniques. <i>Astronomical Journal</i> , 2019, 157, 252.	4.7	29
45	A Full Implementation of Spectro-perfectionism for Precise Radial Velocity Exoplanet Detection: A Test Case With the MINERVA Reduction Pipeline. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 124503.	3.1	5
46	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 115003.	3.1	65
47	First Radial Velocity Results From the MINIature Exoplanet Radial Velocity Array (MINERVA). <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 115001.	3.1	10
48	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
49	Transiting Exoplanet Monitoring Project (TEMP). V. Transit Follow Up for HAT-P-9b, HAT-P-32b, and HAT-P-36b. <i>Astronomical Journal</i> , 2019, 157, 82.	4.7	20
50	The GALAH survey: unresolved triple Sun-like stars discovered by the Gaia mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2474-2490.	4.4	4
51	Discovery of a Compact Companion to a Nearby Star. <i>Astrophysical Journal</i> , 2019, 875, 74.	4.5	7
52	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>. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 16.	7.7	8
53	Exoplanets in the Antarctic Sky. II. 116 Transiting Exoplanet Candidates Found by AST3-II (CHESPA) within the Southern CVZ of TESS. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 17.	7.7	13
54	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

#	ARTICLE	IF	CITATIONS
55	Truly eccentric â€“ 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
56	KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. Astrophysical Journal, Supplement Series, 2019, 240, 13.	7.7	9
57	Near-resonance in a System of Sub-Neptunes from TESS. Astronomical Journal, 2019, 158, 177.	4.7	34
58	KELT-24b: A 5M _J Planet on a 5.6 day Well-aligned Orbit around the Young V=8.3 F-star HD 93148. Astronomical Journal, 2019, 158, 197.	4.7	15
59	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
60	Re-analyzing the Dynamical Stability of the HD 47366 Planetary System. Astronomical Journal, 2019, 157, 1.	4.7	7
61	Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au. Astronomical Journal, 2019, 158, 181.	4.7	20
62	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1â€“3. Astronomical Journal, 2018, 155, 84.	4.7	38
63	Orbit and Dynamical Mass of the Late-T Dwarf GL 758 B*. Astronomical Journal, 2018, 155, 159.	4.7	43
64	Revised Exoplanet Radii and Habitability Using <i>Gaia</i> Data Release 2. Astrophysical Journal, Supplement Series, 2018, 239, 14.	7.7	22
65	TESS Discovery of a Transiting Super-Earth in the pi Mensae System. Astrophysical Journal Letters, 2018, 868, L39.	8.3	148
66	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
67	The GALAH Survey: second data release. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4513-4552.	4.4	269
68	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
69	The TESSâ€“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
70	KELT-19Ab: A 1/4 4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. Astronomical Journal, 2018, 155, 35.	4.7	61
71	Exploring Kepler Giant Planets in the Habitable Zone. Astrophysical Journal, 2018, 860, 67.	4.5	32
72	The Anglo-Australian Planet Search. XXV. A Candidate Massive Saturn Analog Orbiting HD 30177. Astronomical Journal, 2017, 153, 167.	4.7	42

#	ARTICLE	IF	CITATIONS
73	Transiting Exoplanet Monitoring Project (TEMP). II. Refined System Parameters and Transit Timing Analysis of HAT-P-33b. <i>Astronomical Journal</i> , 2017, 154, 49.	4.7	40
74	The GALAH survey: the data reduction pipeline. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1259-1281.	4.4	60
75	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. <i>Astronomical Journal</i> , 2017, 154, 226.	4.7	74
76	The Pan-Pacific Planet Search. VII. The Most Eccentric Planet Orbiting a Giant Star. <i>Astronomical Journal</i> , 2017, 154, 274.	4.7	47
77	KELT-20b: A Giant Planet with a Period of ~ 3.5 days Transiting the ~ 7.6 Early A Star HD 185603. <i>Astronomical Journal</i> , 2017, 154, 194.	4.7	87
78	An eccentric companion at the edge of the brown dwarf desert orbiting the $2.4 M_{\odot}$ giant star HIP 67537. <i>Astronomy and Astrophysics</i> , 2017, 602, A58.	5.1	25
79	THE PAN-PACIFIC PLANET SEARCH. VI. GIANT PLANETS ORBITING HD 86950 AND HD 222076. <i>Astronomical Journal</i> , 2017, 153, 51.	4.7	48
80	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
81	THE ANGLO-AUSTRALIAN PLANET SEARCH XXIV: THE FREQUENCY OF JUPITER ANALOGS. <i>Astrophysical Journal</i> , 2016, 819, 28.	4.5	109
82	THE PAN-PACIFIC PLANET SEARCH. V. FUNDAMENTAL PARAMETERS FOR 164 EVOLVED STARS. <i>Astronomical Journal</i> , 2016, 152, 19.	4.7	36
83	New spectroscopic binary companions of giant stars and updated metallicity distribution for binary systems. <i>Astronomy and Astrophysics</i> , 2016, 593, A133.	5.1	13
84	Four new planets around giant stars and the mass-metallicity correlation of planet-hosting stars. <i>Astronomy and Astrophysics</i> , 2016, 590, A38.	5.1	57
85	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). II. A PUZZLING WHITE DWARF AROUND THE SUN-LIKE STAR HD 11112. <i>Astrophysical Journal</i> , 2016, 831, 177.	4.5	5
86	State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 066001.	3.1	253
87	The Pan-Pacific Planet Search III: five companions orbiting giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1398-1405.	4.4	36
88	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
89	PURSUING THE PLANET-DEBRIS DISK CONNECTION: ANALYSIS OF UPPER LIMITS FROM THE ANGLO-AUSTRALIAN PLANET SEARCH. <i>Astronomical Journal</i> , 2015, 149, 86.	4.7	32
90	Miniature Exoplanet Radial Velocity Array I: design, commissioning, and early photometric results. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2015, 1, 027002.	1.8	72

#	ARTICLE	IF	CITATIONS
91	THE PAN-PACIFIC PLANET SEARCH. II. CONFIRMATION OF A TWO-PLANET SYSTEM AROUND HD 121056. <i>Astrophysical Journal</i> , 2015, 800, 74.	4.5	35
92	The Mt John University Observatory search for Earth-mass planets in the habitable zone of $\hat{1}\pm$ Centauri. <i>International Journal of Astrobiology</i> , 2015, 14, 305-312.	1.6	40
93	Searching for Earth-mass planets around $\hat{1}\pm$ Centauri: precise radial velocities from contaminated spectra. <i>International Journal of Astrobiology</i> , 2015, 14, 173-176.	1.6	10
94	A disintegrating minor planet transiting a white dwarf. <i>Nature</i> , 2015, 526, 546-549.	27.8	367
95	The Weihai Observatory Search for Close-in Planets Orbiting Giant Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 1021-1026.	3.1	8
96	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
97	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXIII. TWO NEW JUPITER ANALOGS. <i>Astrophysical Journal</i> , 2014, 783, 103.	4.5	64
98	Observing Strategies for the Detection of Jupiter Analogs. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 351-356.	3.1	34
99	FOREVER ALONE? TESTING SINGLE ECCENTRIC PLANETARY SYSTEMS FOR MULTIPLE COMPANIONS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 2.	7.7	86
100	A DOUBLE PLANETARY SYSTEM AROUND THE EVOLVED INTERMEDIATE-MASS STAR HD 4732. <i>Astrophysical Journal</i> , 2013, 762, 9.	4.5	57
101	Direct Imaging Of Long Period Radial Velocity Targets With NICI. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 66-67.	0.0	0
102	Dynamical Constraints on Exoplanets. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 293-294.	0.0	0
103	A Campaign for the Detection of Earth-Mass Planets in the Habitable Zone of Alpha Centauri. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 58-64.	0.0	0
104	THE ANGLO-AUSTRALIAN PLANET SEARCH. XXII. TWO NEW MULTI-PLANET SYSTEMS. <i>Astrophysical Journal</i> , 2012, 753, 169.	4.5	79
105	A SECOND GIANT PLANET IN 3:2 MEAN-MOTION RESONANCE IN THE HD 204313 SYSTEM. <i>Astrophysical Journal</i> , 2012, 754, 50.	4.5	65
106	A PLANETARY SYSTEM AROUND THE NEARBY M DWARF GJ 667C WITH AT LEAST ONE SUPER-EARTH IN ITS HABITABLE ZONE. <i>Astrophysical Journal Letters</i> , 2012, 751, L16.	8.3	139
107	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
108	RESONANCES REQUIRED: DYNAMICAL ANALYSIS OF THE 24 Sex AND HD 200964 PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2012, 761, 165.	4.5	55

#	ARTICLE	IF	CITATIONS
109	THE ANGLO-AUSTRALIAN PLANET SEARCH. XX. A SOLITARY ICE-GIANT PLANET ORBITING HD 102365. <i>Astrophysical Journal</i> , 2011, 727, 103.	4.5	47
110	THE PAN-PACIFIC PLANET SEARCH. I. A GIANT PLANET ORBITING 7 CMa. <i>Astrophysical Journal</i> , 2011, 743, 184.	4.5	81
111	THE FREQUENCY OF LOW-MASS EXOPLANETS. III. TOWARD $\hat{\rho}$ AT SHORT PERIODS. <i>Astrophysical Journal</i> , 2011, 738, 81.	4.5	63
112	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
113	News from the $\hat{\rho}$ Cephei Planetary System. <i>AIP Conference Proceedings</i> , 2011, , .	0.4	7
114	The Pan-Pacific Planet Search: A Southern Hemisphere Search for Planets Orbiting Evolved Massive Stars. , 2011, , .		0
115	ON THE FREQUENCY OF JUPITER ANALOGS. <i>Astrophysical Journal</i> , 2011, 727, 102.	4.5	73
116	THE FREQUENCY OF LOW-MASS EXOPLANETS. II. THE $\hat{\rho}$ PERIOD VALLEY. <i>Astrophysical Journal</i> , 2010, 722, 1854-1863.	4.5	53
117	A long-period planet orbiting a nearby Sun-like star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 1703-1713.	4.4	63
118	THE FREQUENCY OF LOW-MASS EXOPLANETS. <i>Astrophysical Journal</i> , 2009, 701, 1732-1741.	4.5	61
119	Detection of Stellar Pulsations in the Planet Host Star $\hat{\rho}$ Cephei A by High Precision Radial Velocity Measurements. , 2009, , .		1
120	A SEARCH FOR MULTI-PLANET SYSTEMS USING THE HOBBY-EBERLY TELESCOPE. <i>Astrophysical Journal</i> , Supplement Series, 2009, 182, 97-119.	7.7	93
121	Dynamical and Observational Constraints on Additional Planets in Highly Eccentric Planetary Systems. <i>Astronomical Journal</i> , 2007, 134, 1276-1284.	4.7	26
122	Detection Limits from the McDonald Observatory Planet Search Program. <i>Astronomical Journal</i> , 2006, 132, 177-188.	4.7	271
123	Exploring the Frequency of Close-in Jovian Planets around M Dwarfs. <i>Astrophysical Journal</i> , 2006, 649, 436-443.	4.5	179
124	The GALAH survey: A census of lithium-rich giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	22
125	The GALAH+ Survey: A new library of observed stellar spectra improves radial velocities and hints at motions within M67. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	7