

Paul Robertson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7252516/publications.pdf>

Version: 2024-02-01

87
papers

4,506
citations

186265

28
h-index

118850

62
g-index

87
all docs

87
docs citations

87
times ranked

3094
citing authors

#	ARTICLE	IF	CITATIONS
1	An abundance of small exoplanets around stars with a wide range of metallicities. <i>Nature</i> , 2012, 486, 375-377.	27.8	546
2	MASSSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20.	7.7	418
3	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. <i>Nature</i> , 2012, 481, 475-479.	27.8	385
4	State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 066001.	3.1	253
5	Stellar activity masquerading as planets in the habitable zone of the M dwarf Gliese 581. <i>Science</i> , 2014, 345, 440-444.	12.6	219
6	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	4.5	218
7	Transit timing observations from Kepler “ VII. Confirmation of 27 planets in 13 multiplanet systems via transit timing variations and orbital stability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1077-1087.	4.4	174
8	Toward Space-like Photometric Precision from the Ground with Beam-shaping Diffusers. <i>Astrophysical Journal</i> , 2017, 848, 9.	4.5	91
9	STELLAR ACTIVITY MIMICS A HABITABLE-ZONE PLANET AROUND KAPTEYN’S STAR. <i>Astrophysical Journal Letters</i> , 2015, 805, L22.	8.3	88
10	Stellar spectroscopy in the near-infrared with a laser frequency comb. <i>Optica</i> , 2019, 6, 233.	9.3	86
11	H \pm ACTIVITY OF OLD M DWARFS: STELLAR CYCLES AND MEAN ACTIVITY LEVELS FOR 93 LOW-MASS STARS IN THE SOLAR NEIGHBORHOOD. <i>Astrophysical Journal</i> , 2013, 764, 3.	4.5	85
12	The Habitable-zone Planet Finder: A status update on the development of a stabilized fiber-fed near-infrared spectrograph for the for the Hobby-Eberly telescope. <i>Proceedings of SPIE</i> , 2014, , .	0.8	83
13	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
14	A VERSATILE TECHNIQUE TO ENABLE SUB-MILLI-KELVIN INSTRUMENT STABILITY FOR PRECISE RADIAL VELOCITY MEASUREMENTS: TESTS WITH THE HABITABLE-ZONE PLANET FINDER*. <i>Astrophysical Journal</i> , 2016, 833, 175.	4.5	80
15	REVISITING π ¹ CANCRI e: A NEW MASS DETERMINATION OF THE TRANSITING SUPER-EARTH. <i>Astrophysical Journal</i> , 2012, 759, 19.	4.5	78
16	DISENTANGLING PLANETS AND STELLAR ACTIVITY FOR GLIESE 667C. <i>Astrophysical Journal Letters</i> , 2014, 793, L24.	8.3	78
17	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
18	TOWARD UNDERSTANDING STELLAR RADIAL VELOCITY JITTER AS A FUNCTION OF WAVELENGTH: THE SUN AS A PROXY. <i>Astrophysical Journal</i> , 2015, 798, 63.	4.5	61

#	ARTICLE	IF	CITATIONS
19	Evidence for He i 10830 Å... Absorption during the Transit of a Warm Neptune around the M-dwarf GJ 3470 with the Habitable-zone Planet Finder. <i>Astrophysical Journal</i> , 2020, 894, 97.	4.5	59
20	PROXIMA CENTAURI AS A BENCHMARK FOR STELLAR ACTIVITY INDICATORS IN THE NEAR-INFRARED. <i>Astrophysical Journal</i> , 2016, 832, 112.	4.5	56
21	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
22	KEPLER-424 b: A "LONELY" HOT JUPITER THAT FOUND A COMPANION. <i>Astrophysical Journal</i> , 2014, 795, 151.4.5	4.5	49
23	STELLAR ACTIVITY AND ITS IMPLICATIONS FOR EXOPLANET DETECTION ON GJ 176. <i>Astrophysical Journal</i> , 2015, 801, 79.	4.5	48
24	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
25	A Sub-Neptune-sized Planet Transiting the M2.5 Dwarf G 9-40: Validation with the Habitable-zone Planet Finder. <i>Astronomical Journal</i> , 2020, 159, 100.	4.7	45
26	SECRETLY ECCENTRIC: THE GIANT PLANET AND ACTIVITY CYCLE OF GJ 328. <i>Astrophysical Journal</i> , 2013, 774, 147.	4.5	40
27	A 12-YEAR ACTIVITY CYCLE FOR THE NEARBY PLANET HOST STAR HD 219134. <i>Astrophysical Journal</i> , 2016, 821, 74.	4.5	38
28	The Habitable-Zone Planet Finder: improved flux image generation algorithms for H2RG up-the-ramp data. , 2018, , .		37
29	The Habitable Zone Planet Finder Reveals a High Mass and Low Obliquity for the Young Neptune K2-25b. <i>Astronomical Journal</i> , 2020, 160, 192.	4.7	35
30	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 22.	4.7	33
31	The Kepler Follow-up Observation Program. II. Stellar Parameters from Medium- and High-resolution Spectroscopy. <i>Astrophysical Journal</i> , 2018, 861, 149.	4.5	32
32	The TESS-Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. <i>Astronomical Journal</i> , 2020, 159, 241.	4.7	32
33	Persistent Starspot Signals on M Dwarfs: Multiwavelength Doppler Observations with the Habitable-zone Planet Finder and Keck/HIRES. <i>Astrophysical Journal</i> , 2020, 897, 125.	4.5	32
34	M DWARF LUMINOSITY, RADIUS, AND α -ENRICHMENT FROM I -BAND SPECTRAL FEATURES. <i>Astrophysical Journal Letters</i> , 2015, 802, L10.	8.3	30
35	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. <i>Astronomical Journal</i> , 2021, 161, 56.	4.7	30
36	Overview of the spectrometer optical fiber feed for the habitable-zone planet finder. , 2018, , .		27

#	ARTICLE	IF	CITATIONS
37	The Warm Neptune GJ 3470b Has a Polar Orbit. <i>Astrophysical Journal Letters</i> , 2022, 931, L15.	8.3	27
38	Response to Comment on “Stellar activity masquerading as planets in the habitable zone of the M dwarf Gliese 581” <i>Science</i> , 2015, 347, 1080-1080.	12.6	25
39	The TESS-Keck Survey. IV. A Retrograde, Polar Orbit for the Ultra-low-density, Hot Super-Neptune WASP-107b. <i>Astronomical Journal</i> , 2021, 161, 119.	4.7	25
40	Stellar Activity Manifesting at a One-year Alias Explains Barnard b as a False Positive. <i>Astronomical Journal</i> , 2021, 162, 61.	4.7	25
41	The Third Workshop on Extremely Precise Radial Velocities: The New Instruments. <i>Research Notes of the AAS</i> , 2017, 1, 51.	0.7	23
42	The Aligned Orbit of WASP-148b, the Only Known Hot Jupiter with a nearby Warm Jupiter Companion, from NEID and HIRES. <i>Astrophysical Journal Letters</i> , 2022, 926, L8.	8.3	23
43	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022, 163, 168.	4.7	23
44	A Warm Jupiter Transiting an M Dwarf: A TESS Single-transit Event Confirmed with the Habitable-zone Planet Finder. <i>Astronomical Journal</i> , 2020, 160, 147.	4.7	22
45	TOI-3714 b and TOI-3629 b: Two Gas Giants Transiting M Dwarfs Confirmed with the Habitable-zone Planet Finder and NEID. <i>Astronomical Journal</i> , 2022, 164, 50.	4.7	21
46	Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au. <i>Astronomical Journal</i> , 2019, 158, 181.	4.7	20
47	The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c. <i>Astronomical Journal</i> , 2020, 160, 193.	4.7	20
48	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
49	TOI-1728b: The Habitable-zone Planet Finder Confirms a Warm Super-Neptune Orbiting an M-dwarf Host. <i>Astrophysical Journal</i> , 2020, 899, 29.	4.5	19
50	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021, 162, 222.	4.7	19
51	The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. <i>Astronomical Journal</i> , 2022, 163, 61.	4.7	19
52	Nondetection of Helium in the Upper Atmospheres of TRAPPIST-1b, e, and f*. <i>Astronomical Journal</i> , 2021, 162, 82.	4.7	18
53	VARIABILITY AT THE EDGE: OPTICAL NEAR/IR RAPID-CADENCE MONITORING OF NEWLY OUTBURSTING FU ORIONIS OBJECT HBC 722. <i>Astrophysical Journal</i> , 2013, 764, 22.	4.5	17
54	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. <i>Astronomical Journal</i> , 2020, 160, 114.	4.7	17

#	ARTICLE	IF	CITATIONS
55	TESS-Keck Survey. IX. Masses of Three Sub-Neptunes Orbiting HD 191939 and the Discovery of a Warm Jovian plus a Distant Substellar Companion. <i>Astronomical Journal</i> , 2022, 163, 101.	4.7	17
56	Observing the Sun as a Star: Design and Early Results from the NEID Solar Feed. <i>Astronomical Journal</i> , 2022, 163, 184.	4.7	17
57	A Mini-Neptune and a Radius Valley Planet Orbiting the Nearby M2 Dwarf TOI-1266 in Its Venus Zone: Validation with the Habitable-zone Planet Finder. <i>Astronomical Journal</i> , 2020, 160, 259.	4.7	16
58	The TESS-Keck Survey: Science Goals and Target Selection. <i>Astronomical Journal</i> , 2022, 163, 297.	4.7	16
59	TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. <i>Astronomical Journal</i> , 2021, 162, 62.	4.7	15
60	THE OPTICAL ORBITAL LIGHT CURVE OF THE LOW-MASS X-RAY BINARY V1408 AQUILAE (= 4U 1957+115). <i>Astrophysical Journal</i> , 2011, 730, 43.	4.5	14
61	It Takes Two Planets in Resonance to Tango around K2-146. <i>Astronomical Journal</i> , 2020, 159, 120.	4.7	14
62	TOI-532b: The Habitable-zone Planet Finder confirms a Large Super Neptune in the Neptune Desert orbiting a metal-rich M-dwarf host. <i>Astronomical Journal</i> , 2021, 162, 135.	4.7	14
63	STAR FORMATION IN PARTIALLY GAS-DEPLETED SPIRAL GALAXIES. <i>Astronomical Journal</i> , 2010, 139, 765-782.	4.7	13
64	Solar Contamination in Extreme-precision Radial-velocity Measurements: Deleterious Effects and Prospects for Mitigation. <i>Astronomical Journal</i> , 2020, 159, 161.	4.7	12
65	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021, 162, 215.	4.7	12
66	ENHANCED ABUNDANCES IN SPIRAL GALAXIES OF THE PEGASUS I CLUSTER. <i>Astrophysical Journal</i> , 2012, 748, 48.	4.5	11
67	Extreme precision photometry from the ground with beam-shaping diffusers for K2, TESS, and beyond. , 2018, , .		11
68	NEID Rossiter-McLaughlin Measurement of TOI-1268b: A Young Warm Saturn Aligned with Its Cool Host Star. <i>Astrophysical Journal Letters</i> , 2022, 926, L7.	8.3	11
69	Target Prioritization and Observing Strategies for the NEID Earth Twin Survey. <i>Astronomical Journal</i> , 2021, 161, 130.	4.7	10
70	Gaia 20eae: A Newly Discovered Episodically Accreting Young Star. <i>Astrophysical Journal</i> , 2022, 926, 68.	4.5	9
71	The Habitable-zone Planet Finder Detects a Terrestrial-mass Planet Candidate Closely Orbiting Gliese 1151: The Likely Source of Coherent Low-frequency Radio Emission from an Inactive Star. <i>Astrophysical Journal Letters</i> , 2021, 919, L9.	8.3	8
72	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	4.7	8

#	ARTICLE	IF	CITATIONS
73	An Eccentric Brown Dwarf Eclipsing an M dwarf. <i>Astronomical Journal</i> , 2022, 163, 89.	4.7	8
74	High-resolution Near-infrared Spectroscopy of a Flare around the Ultracool Dwarf vB 10. <i>Astrophysical Journal</i> , 2022, 925, 155.	4.5	8
75	DEPENDENCE OF NEBULAR HEAVY-ELEMENT ABUNDANCE ON H I CONTENT FOR SPIRAL GALAXIES. <i>Astrophysical Journal</i> , 2013, 773, 4.	4.5	7
76	Aliasing in the Radial Velocities of YZ Ceti: An Ultra-short Period for YZ Ceti c?. <i>Astrophysical Journal Letters</i> , 2018, 864, L28.	8.3	7
77	A Candidate Transit Event around Proxima Centauri. <i>Research Notes of the AAS</i> , 2017, 1, 49.	0.7	7
78	The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. <i>Astronomical Journal</i> , 2021, 162, 265.	4.7	7
79	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI-1246. <i>Astronomical Journal</i> , 2022, 163, 293.	4.7	7
80	Rotational Modulation of Spectroscopic Zeeman Signatures in Low-mass Stars. <i>Astrophysical Journal Letters</i> , 2022, 927, L11.	8.3	6
81	Environmental control system for Habitable-zone Planet Finder (HPF). <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
82	Dynamical Constraints on Nontransiting Planets Orbiting TRAPPIST-1. <i>Astronomical Journal</i> , 2018, 155, 239.	4.7	4
83	A Harsh Test of Far-field Scrambling with the Habitable-zone Planet Finder and the Hobby-Eberly Telescope. <i>Astrophysical Journal</i> , 2021, 912, 15.	4.5	4
84	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. <i>Astronomical Journal</i> , 2022, 163, 269.	4.7	4
85	A Hot Mars-sized Exoplanet Transiting an M Dwarf. <i>Astronomical Journal</i> , 2022, 163, 3.	4.7	3
86	TOI-1696 and TOI-2136: Constraining the Masses of Two Mini-Neptunes with the Habitable-Zone Planet Finder. <i>Astronomical Journal</i> , 2022, 163, 286.	4.7	3
87	Modeling Stellar Surface Features on a Subgiant Star with an M-dwarf Companion. <i>Astronomical Journal</i> , 2022, 164, 14.	4.7	3