

Paul A Dalba

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,218
citations

394421

19
h-index

454955

30
g-index

54
all docs

54
docs citations

54
times ranked

1467
citing authors

#	ARTICLE	IF	CITATIONS
1	The California Legacy Survey. I. A Catalog of 178 Planets from Precision Radial Velocity Monitoring of 719 Nearby Stars over Three Decades. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 8.	7.7	128
2	California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 14.	7.7	102
3	THE TRANSIT TRANSMISSION SPECTRUM OF A COLD GAS GIANT PLANET. <i>Astrophysical Journal</i> , 2015, 814, 154.	4.5	55
4	Multiwavelength Transit Observations of the Candidate Disintegrating Planetesimals Orbiting WD 1145+017. <i>Astrophysical Journal</i> , 2017, 836, 82.	4.5	53
5	The Gold Standard: Accurate Stellar and Planetary Parameters for Eight Kepler M Dwarf Systems Enabled by Parallaxes. <i>Astronomical Journal</i> , 2017, 153, 267.	4.7	45
6	Updated Parameters and a New Transmission Spectrum of HD 97658b. <i>Astronomical Journal</i> , 2020, 159, 239.	4.7	45
7	A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. <i>Astrophysical Journal Letters</i> , 2019, 883, L16.	8.3	42
8	NO TIMING VARIATIONS OBSERVED IN THIRD TRANSIT OF SNOW-LINE EXOPLANET KEPLER-421b. <i>Astrophysical Journal Letters</i> , 2016, 826, L7.	8.3	40
9	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
10	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
11	KEPLER TRANSIT DEPTHS CONTAMINATED BY A PHANTOM STAR. <i>Astronomical Journal</i> , 2017, 153, 59.	4.7	31
12	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
13	Out-of-transit Refracted Light in the Atmospheres of Transiting and Non-transiting Exoplanets. <i>Astrophysical Journal</i> , 2017, 848, 91.	4.5	29
14	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
15	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
16	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
17	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	4.7	22
18	PHOTOMETRY OF PLUTO 2008-2014: EVIDENCE OF ONGOING SEASONAL VOLATILE TRANSPORT AND ACTIVITY. <i>Astrophysical Journal Letters</i> , 2015, 804, L6.	8.3	21

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19	Predicted Yield of Transits of Known Radial Velocity Exoplanets from the <i>TESS</i> Primary and Extended Missions. Publications of the Astronomical Society of the Pacific, 2019, 131, 034401.	3.1	20
20	Spitzer Detection of the Transiting Jupiter-analog Exoplanet Kepler-167e. Astrophysical Journal Letters, 2019, 873, L17.	8.3	20
21	The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c. Astronomical Journal, 2020, 160, 193.	4.7	20
22	TESS Giants Transiting Giants. II. The Hottest Jupiters Orbiting Evolved Stars. Astronomical Journal, 2022, 163, 120.	4.7	20
23	Science Extraction from TESS Observations of Known Exoplanet Hosts. Publications of the Astronomical Society of the Pacific, 2021, 133, 014402.	3.1	19
24	The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. Astronomical Journal, 2022, 163, 61.	4.7	19
25	Zodiacal Exoplanets in Time (ZEIT). IX. A Flat Transmission Spectrum and a Highly Eccentric Orbit for the Young Neptune K2-25b as Revealed by Spitzer. Astronomical Journal, 2020, 159, 32.	4.7	18
26	Constraining the Orbit and Mass of epsilon Eridani b with Radial Velocities, Hipparcos IAD-Gaia DR2 Astrometry, and Multiepoch Vortex Coronagraphy Upper Limits. Astronomical Journal, 2021, 162, 181.	4.7	17
27	TESS-Keck Survey. IX. Masses of Three Sub-Neptunes Orbiting HD 191939 and the Discovery of a Warm Jovian plus a Distant Substellar Companion. Astronomical Journal, 2022, 163, 101.	4.7	17
28	A dearth of small particles in the transiting material around the white dwarf WD 1145+017. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4795-4809.	4.4	16
29	The TESS-Keck Survey: [*] Science Goals and Target Selection. Astronomical Journal, 2022, 163, 297.	4.7	16
30	The Fundamental Connections between the Solar System and Exoplanetary Science. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006643.	3.6	15
31	TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. Astronomical Journal, 2021, 162, 62.	4.7	15
32	Shallow Ultraviolet Transits of WD 1145+017. Astronomical Journal, 2019, 157, 255.	4.7	14
33	TESS Reveals HD 118203 b to be a Transiting Planet. Astronomical Journal, 2020, 159, 243.	4.7	14
34	Giant Outer Transiting Exoplanet Mass (GOT â€”EM) Survey. II. Discovery of a Failed Hot Jupiter on a 2.7 Yr, Highly Eccentric Orbit*. Astronomical Journal, 2021, 162, 154.	4.7	14
35	Multiple Explanations for the Single Transit of KIC 5951458 Based on Radial Velocity Measurements Extracted with a Novel Matched-template Technique^{â€”}. Astronomical Journal, 2020, 160, 149.	4.7	13
36	Kepler-167e as a Probe of the Formation Histories of Cold Giants with Inner Super-Earths. Astrophysical Journal, 2022, 926, 62.	4.5	13

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37	Cassini Radio Occultation Observations of Titan's Ionosphere: The Complete Set of Electron Density Profiles. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 643-660.	2.4	12
38	Giant Outer Transiting Exoplanet Mass (GOT ~EM) Survey. I. Confirmation of an Eccentric, Cool Jupiter with an Interior Earth-sized Planet Orbiting Kepler-1514*. <i>Astronomical Journal</i> , 2021, 161, 103.	4.7	12
39	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021, 162, 215.	4.7	12
40	An Aligned Orbit for the Young Planet V1298 Tau b. <i>Astronomical Journal</i> , 2022, 163, 247.	4.7	12
41	<i>CASSINI</i> VIMS OBSERVATIONS SHOW ETHANE IS PRESENT IN TITAN'S RAINFALL. <i>Astrophysical Journal Letters</i> , 2012, 761, L24.	8.3	10
42	Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827* ~. <i>Astronomical Journal</i> , 2021, 161, 47.	4.7	10
43	Atomic oxygen ions as ionospheric biomarkers on exoplanets. <i>Nature Astronomy</i> , 2018, 2, 287-291.	10.1	9
44	Discovery of a Compact Companion to a Nearby Star. <i>Astrophysical Journal</i> , 2019, 875, 74.	4.5	7
45	Asteroseismology of iota Draconis and Discovery of an Additional Long-period Companion. <i>Astronomical Journal</i> , 2021, 162, 211.	4.7	7
46	The TESS~Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. <i>Astronomical Journal</i> , 2021, 162, 265.	4.7	7
47	The Lick Observatory Supernova Search follow-up program: photometry data release of 70 SESNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3195-3214.	4.4	7
48	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
49	Externally fed accretion on to protostars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1591-1596.	4.4	6
50	Speckle Imaging Characterization of Radial Velocity Exoplanet Systems. <i>Astronomical Journal</i> , 2021, 161, 123.	4.7	6
51	TESS Observations of Kepler Systems with Transit Timing Variations. <i>Astronomical Journal</i> , 2022, 164, 42.	4.7	4
52	Following up TESS Single Transits with Archival Photometry and Radial Velocities. <i>Astronomical Journal</i> , 2021, 161, 124.	4.7	3
53	Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems. <i>Astronomical Journal</i> , 2020, 159, 197.	4.7	2
54	The Refined Transit Ephemeris of TOI-2180 b. <i>Research Notes of the AAS</i> , 2022, 6, 76.	0.7	2