

# Jason D Eastman

## List of Publications by Year in descending order

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100  
papers

5,418  
citations

126858

33  
h-index

102432

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g-index

100  
all docs

100  
docs citations

100  
times ranked

3736  
citing authors

#	ARTICLE	IF	CITATIONS
1	KELT-9 as an Eclipsing Double-lined Spectroscopic Binary: A Unique and Self-consistent Solution to the System. <i>Astronomical Journal</i> , 2022, 163, 40.	1.9	10
2	K2-79b and K2-222b: Mass Measurements of Two Small Exoplanets with Periods beyond 10 days that Overlap with Periodic Magnetic Activity Signals. <i>Astronomical Journal</i> , 2022, 163, 41.	1.9	3
3	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.	1.9	19
4	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022, 163, 168.	1.9	23
5	Variable and Supersonic Winds in the Atmosphere of an Ultrahot Giant Planet. <i>Astronomical Journal</i> , 2022, 163, 155.	1.9	10
6	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. <i>Astronomical Journal</i> , 2022, 163, 9.	1.9	5
7	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. <i>Astronomical Journal</i> , 2022, 163, 269.	1.9	4
8	Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.	1.9	10
9	TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. <i>Astronomical Journal</i> , 2021, 161, 97.	1.9	25
10	Giant Outer Transiting Exoplanet Mass (GOT $\hat{=}$ 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.	1.9	12
11	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	1.9	22
12	The Hubble PanCET Program: Transit and Eclipse Spectroscopy of the Strongly Irradiated Giant Exoplanet WASP-76b. <i>Astronomical Journal</i> , 2021, 162, 108.	1.9	23
13	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , 2021, 162, 87.	1.9	13
14	Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit. <i>Astronomy and Astrophysics</i> , 2021, 652, A127.	2.1	18
15	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* $\hat{=}$ . <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 33.	3.0	19
16	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.	1.6	33
17	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.	3.0	16
18	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.	1.9	11

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19	The <sc>HD</sc> 217107 planetary system: Twenty years of radial velocity measurements. <i>Astronomische Nachrichten</i> , 2020, 341, 870-878.	0.6	1
20	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020, 159, 243.	1.9	14
21	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.	1.9	32
22	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. <i>Astronomical Journal</i> , 2020, 160, 3.	1.9	62
23	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.	1.9	26
24	TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet*. <i>Astronomical Journal</i> , 2020, 160, 96.	1.9	25
25	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , 2020, 160, 229.	1.9	11
26	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 117.	1.9	29
27	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. <i>Astronomical Journal</i> , 2020, 160, 209.	1.9	15
28	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , 2020, 160, 153.	1.9	27
29	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.	1.9	8
30	Three Red Suns in the Sky: A Transiting, Terrestrial Planet in a Triple M-dwarf System at 6.9 pc. <i>Astronomical Journal</i> , 2019, 158, 152.	1.9	59
31	Photon-weighted barycentric correction and its importance for precise radial velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2395-2402.	1.6	9
32	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.	1.0	5
33	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 115003.	1.0	65
34	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.	1.0	10
35	Qatar Exoplanet Survey: Qatar-8b, 9b, and 10b—A Hot Saturn and Two Hot Jupiters. <i>Astronomical Journal</i> , 2019, 157, 224.	1.9	5
36	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. <i>Astronomical Journal</i> , 2019, 157, 191.	1.9	46

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37	TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune*. <i>Astrophysical Journal Letters</i> , 2019, 875, L7.	3.0	69
38	KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 13.	3.0	9
39	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177.	1.9	34
40	KELT-24b: A 5M <sub>J</sub> Planet on a 5.6 day Well-aligned Orbit around the Young V <sub>8.3</sub> F-star HD 93148. <i>Astronomical Journal</i> , 2019, 158, 197.	1.9	15
41	Hot, rocky and warm, puffy super-Earths orbiting TOI-402 (HD 15337). <i>Astronomy and Astrophysics</i> , 2019, 627, A43.	2.1	30
42	HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 51.	1.9	66
43	KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System. <i>Astronomical Journal</i> , 2018, 155, 100.	1.9	55
44	A System of Three Super Earths Transiting the Late K-Dwarf GJ 9827 at 30 pc. <i>Astronomical Journal</i> , 2018, 155, 72.	1.9	44
45	DEdicated MONitor of EXotransits and Transients (DEMONEXT): System Overview and Year One Results from a Low-cost Robotic Telescope for Followup of Exoplanetary Transits and Transients. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 015001.	1.0	13
46	Techniques for Finding Close-in, Low-mass Planets around Evolved Intermediate-mass Stars. <i>Astrophysical Journal</i> , 2018, 867, 32.	1.6	11
47	Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14. <i>Astronomical Journal</i> , 2018, 156, 127.	1.9	13
48	EPIC 246851721 b: A Tropical Jupiter Transiting a Rapidly Rotating Star in a Well-aligned Orbit. <i>Astronomical Journal</i> , 2018, 156, 250.	1.9	11
49	A Compact Multi-planet System with a Significantly Misaligned Ultra Short Period Planet. <i>Astronomical Journal</i> , 2018, 156, 245.	1.9	35
50	Transiting Exoplanet Monitoring Project (TEMP). I. Refined System Parameters and Transit Timing Variations of HAT-P-29b. <i>Astronomical Journal</i> , 2018, 156, 181.	1.9	15
51	A survey of eight hot Jupiters in secondary eclipse using WIRCam at CFHT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4264-4277.	1.6	11
52	KELT-19Ab: A 4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. <i>Astronomical Journal</i> , 2018, 155, 35.	1.9	61
53	The Mysterious Dimmings of the T Tauri Star V1334 Tau. <i>Astrophysical Journal</i> , 2017, 836, 209.	1.6	21
54	KELT-16b: A Highly Irradiated, Ultra-short Period Hot Jupiter Nearing Tidal Disruption. <i>Astronomical Journal</i> , 2017, 153, 97.	1.9	58

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55	KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the $V = 8$ Subgiant HD 93396. <i>Astronomical Journal</i> , 2017, 153, 215.	1.9	61
56	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. <i>Nature</i> , 2017, 546, 514-518.	13.7	205
57	KELT-12b: A $\sim 5$ day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star. <i>Astronomical Journal</i> , 2017, 153, 178.	1.9	35
58	A Multi-planet System Transiting the $V = 9$ Rapidly Rotating F-Star HD 106315. <i>Astronomical Journal</i> , 2017, 153, 256.	1.9	52
59	Multiwavelength Transit Observations of the Candidate Disintegrating Planetesimals Orbiting WD 1145+017. <i>Astrophysical Journal</i> , 2017, 836, 82.	1.6	53
60	Transiting Exoplanet Monitoring Project (TEMP). II. Refined System Parameters and Transit Timing Analysis of HAT-P-33b. <i>Astronomical Journal</i> , 2017, 154, 49.	1.9	40
61	KELT-20b: A Giant Planet with a Period of $\sim 3.5$ days Transiting the $V = 7.6$ Early A Star HD 185603. <i>Astronomical Journal</i> , 2017, 154, 194.	1.9	87
62	KELT-18b: Puffy Planet, Hot Host, Probably Perturbed. <i>Astronomical Journal</i> , 2017, 153, 263.	1.9	30
63	KELT-14b AND KELT-15b: AN INDEPENDENT DISCOVERY OF WASP-122b AND A NEW HOT JUPITER. <i>Astronomical Journal</i> , 2016, 151, 138.	1.9	42
64	KELT-17B: A HOT-JUPITER TRANSITING AN A-STAR IN A MISALIGNED ORBIT DETECTED WITH DOPPLER TOMOGRAPHY. <i>Astronomical Journal</i> , 2016, 152, 136.	1.9	76
65	THE SPITZER MICROLENSING PROGRAM AS A PROBE FOR GLOBULAR CLUSTER PLANETS: ANALYSIS OF OGLE-2015-BLG-0448. <i>Astrophysical Journal</i> , 2016, 823, 63.	1.6	39
66	THE DEDICATED MONITOR OF EXOTRANSITS (DEMONEX): SEVEN TRANSITS OF XO-4b. <i>Astrophysical Journal</i> , 2016, 820, 87.	1.6	30
67	NRES: the network of robotic Echelle spectrographs. <i>Proceedings of SPIE</i> , 2016, , .	0.8	8
68	State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 066001.	1.0	253
69	KELT-10b: the first transiting exoplanet from the KELT-South survey â€” a hot sub-Jupiter transiting a $V = 10.7$ early G-star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 4281-4298.	1.6	38
70	KELT-4Ab: AN INFLATED HOT JUPITER TRANSITING THE BRIGHT ( $V = 10$ ) COMPONENT OF A HIERARCHICAL TRIPLE. <i>Astronomical Journal</i> , 2016, 151, 45.	1.9	46
71	TWO STARS TWO WAYS: CONFIRMING A MICROLENSING BINARY LENS SOLUTION WITH A SPECTROSCOPIC MEASUREMENT OF THE ORBIT. <i>Astrophysical Journal</i> , 2016, 821, 121.	1.6	15
72	KELT-8b: A HIGHLY INFLATED TRANSITING HOT JUPITER AND A NEW TECHNIQUE FOR EXTRACTING HIGH-PRECISION RADIAL VELOCITIES FROM NOISY SPECTRA. <i>Astrophysical Journal</i> , 2015, 810, 30.	1.6	53

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73	FOLLOW-UP OBSERVATIONS OF PTFO 8-8695: A 3 MYR OLD T TAURI STAR HOSTING A JUPITER-MASS PLANETARY CANDIDATE. <i>Astrophysical Journal</i> , 2015, 809, 42.	1.6	40
74	RAYLEIGH SCATTERING IN THE ATMOSPHERE OF THE WARM EXO-NEPTUNE GJ 3470B. <i>Astrophysical Journal</i> , 2015, 814, 102.	1.6	65
75	Miniature Exoplanet Radial Velocity Array I: design, commissioning, and early photometric results. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2015, 1, 027002.	1.0	72
76	A disintegrating minor planet transiting a white dwarf. <i>Nature</i> , 2015, 526, 546-549.	13.7	367
77	KELT-7b: A HOT JUPITER TRANSITING A BRIGHT $V = 8.54$ RAPIDLY ROTATING F-STAR. <i>Astronomical Journal</i> , 2015, 150, 12.	1.9	78
78	An Integer Linear Programming Solution to the Telescope Network Scheduling Problem. , 2015, , .		2
79	KELT-6b: A $P = 7.9$ DAY HOT SATURN TRANSITING A METAL-POOR STAR WITH A LONG-PERIOD COMPANION. <i>Astronomical Journal</i> , 2014, 147, 39.	1.9	54
80	<i>SPITZER</i> AND $\epsilon$ SECONDARY ECLIPSE OBSERVATIONS OF THE HIGHLY IRRADIATED TRANSITING BROWN DWARF KELT-1b. <i>Astrophysical Journal</i> , 2014, 783, 112.	1.6	60
81	NRES: the network of robotic Echelle spectrographs. <i>Proceedings of SPIE</i> , 2014, , .	0.8	8
82	EXOFAST: A Fast Exoplanetary Fitting Suite in IDL. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 83-112.	1.0	539
83	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. IV. A CANDIDATE BROWN DWARF OR LOW-MASS STELLAR COMPANION TO HIP 67526. <i>Astronomical Journal</i> , 2013, 146, 65.	1.9	30
84	MARVELS-1: A FACE-ON DOUBLE-LINED BINARY STAR MASQUERADING AS A RESONANT PLANETARY SYSTEM AND CONSIDERATION OF RARE FALSE POSITIVES IN RADIAL VELOCITY PLANET SEARCHES. <i>Astrophysical Journal</i> , 2013, 770, 119.	1.6	46
85	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. V. A LOW ECCENTRICITY BROWN DWARF FROM THE DRIEST PART OF THE DESERT, MARVELS-6b. <i>Astronomical Journal</i> , 2013, 145, 155.	1.9	38
86	KELT-3b: A HOT JUPITER TRANSITING A $V = 9.8$ LATE-F STAR. <i>Astrophysical Journal</i> , 2013, 773, 64.	1.6	58
87	VERY-LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. III. A SHORT-PERIOD BROWN DWARF CANDIDATE AROUND AN ACTIVE GOIV SUBGIANT. <i>Astronomical Journal</i> , 2013, 145, 20.	1.9	12
88	A CAUTIONARY TALE: MARVELS BROWN DWARF CANDIDATE REVEALS ITSELF TO BE A VERY LONG PERIOD, HIGHLY ECCENTRIC SPECTROSCOPIC STELLAR BINARY. <i>Astronomical Journal</i> , 2013, 145, 139.	1.9	30
89	<i>MOST</i> DETECTS TRANSITS OF HD 97658b, A WARM, LIKELY VOLATILE-RICH SUPER-EARTH. <i>Astrophysical Journal Letters</i> , 2013, 772, L2.	3.0	83
90	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. I. A LOW-MASS RATIO STELLAR COMPANION TO TYC 4110-01037-1 IN A 79 DAY ORBIT. <i>Astronomical Journal</i> , 2012, 143, 107.	1.9	21

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91	Transit Analysis Package: An IDL Graphical User Interface for Exoplanet Transit Photometry. <i>Advances in Astronomy</i> , 2012, 2012, 1-8.	0.5	98
92	KELT-1b: A STRONGLY IRRADIATED, HIGHLY INFLATED, SHORT PERIOD, 27 JUPITER-MASS COMPANION TRANSITING A MID-F STAR. <i>Astrophysical Journal</i> , 2012, 761, 123.	1.6	230
93	KELT-2Ab: A HOT JUPITER TRANSITING THE BRIGHT ( $\langle V \rangle = 8.77$ ) PRIMARY STAR OF A BINARY SYSTEM. <i>Astrophysical Journal Letters</i> , 2012, 756, L39.	3.0	60
94	OPTICAL MONITORING OF THE BROAD-LINE RADIO GALAXY 3C 390.3. <i>Astrophysical Journal</i> , 2012, 757, 53.	1.6	46
95	MARVELS-1b: A SHORT-PERIOD, BROWN DWARF DESERT CANDIDATE FROM THE SDSS-III MARVELS PLANET SEARCH. <i>Astrophysical Journal</i> , 2011, 728, 32.	1.6	29
96	DEMONEX: the DEDicated MONitor of EXotransits. <i>Proceedings of SPIE</i> , 2010, , .	0.8	4
97	DISCOVERY OF A LOW-MASS COMPANION TO A METAL-RICH F STAR WITH THE MARVELS PILOT PROJECT. <i>Astrophysical Journal</i> , 2010, 718, 1186-1199.	1.6	41
98	Achieving Better Than 1 Minute Accuracy in the Heliocentric and Barycentric Julian Dates. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 935-946.	1.0	645
99	Analytic Approximations for Transit Light Curve Observables, Uncertainties, and Covariances. <i>Astrophysical Journal</i> , 2008, 689, 499-512.	1.6	151
100	FIRST-YEAR SPECTROSCOPY FOR THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY. <i>Astronomical Journal</i> , 2008, 135, 1766-1784.	1.9	52