Joshua E Schlieder

List of Publications by Year
in descending order

131	5,292	76294	123376
papers	citations	40 h-index	61 g-index

132	132	132	3017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The TESS Objects of Interest Catalog from the TESS Prime Mission. Astrophysical Journal, Supplement Series, 2021, 254, 39.	3.0	190
2	197 CANDIDATES AND 104 VALIDATED PLANETS IN K2's FIRST FIVE FIELDS. Astrophysical Journal, Supplement Series, 2016, 226, 7.	3.0	177
3	A Neptune-sized transiting planet closely orbiting a 5â€“10-million-year-old star. Nature, 2016, 534, 658-661.	13.7	157
4	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. Astrophysical Journal, 2015, 804, 10.	1.6	149
5	A planet within the debris disk around the pre-main-sequence star AU Microscopii. Nature, 2020, 582, 497-500.	13.7	145
6	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0â€“10. Astronomical Journal, 2018, 155, 136.	1.9	141
7	A STATISTICAL ANALYSIS OF SEEDS AND OTHER HIGH-CONTRAST EXOPLANET SURVEYS: MASSIVE PLANETS OR LOW-MASS BROWN DWARFS?. Astrophysical Journal, 2014, 794, 159.	1.6	124
8	ELEVEN MULTIPLANET SYSTEMS FROM K2 CAMPAIGNS 1 AND 2 AND THE MASSES OF TWO HOT SUPER-EARTHS. Astrophysical Journal, 2016, 827, 78.	1.6	106
9	THE MOVING GROUP TARGETS OF THE SEEDS HIGH-CONTRAST IMAGING SURVEY OF EXOPLANETS AND DISKS: RESULTS AND OBSERVATIONS FROM THE FIRST THREE YEARS. Astrophysical Journal, 2014, 786, 1.	1.6	102
10	SPITZER OBSERVATIONS CONFIRM AND RESCUE THE HABITABLE-ZONE SUPER-EARTH K2-18b FOR FUTURE CHARACTERIZATION. Astrophysical Journal, 2017, 834, 187.	1.6	102
11	Fast-moving features in the debris disk around AU Microscopii. Nature, 2015, 526, 230-232.	13.7	95
12	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1â€“7. Astronomical Journal, 2017, 154, 207.	1.9	95
13	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. Astronomical Journal, 2019, 158, 32.	1.9	93
14	WEATHER ON THE NEAREST BROWN DWARFS: RESOLVED SIMULTANEOUS MULTI-WAVELENGTH VARIABILITY MONITORING OF WISE J104915.57â€“531906.1AB. Astrophysical Journal Letters, 2013, 778, L10.	3.0	92
15	Threeâ€™s Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets. Astronomical Journal, 2017, 154, 122.	1.9	90
16	Four Sub-Saturns with Dissimilar Densities: Windows into Planetary Cores and Envelopes. Astronomical Journal, 2017, 153, 142.	1.9	87
17	COOL YOUNG STARS IN THE NORTHERN HEMISPHERE: Î² PICTORIS AND AB DORADUS MOVING GROUP CANDIDATES. Astronomical Journal, 2012, 143, 80.	1.9	85
18	K2 DISCOVERS A BUSY BEE: AN UNUSUAL TRANSITING NEPTUNE FOUND IN THE BEEHIVE CLUSTER. Astronomical Journal, 2016, 152, 223.	1.9	84

#	Article	IF	Citations
19	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. Nature Astronomy, 2019, 3, 1099-1108.	4.2	84
20	K2-136: A Binary System in the Hyades Cluster Hosting a Neptune-sized Planet. Astronomical Journal, 2018, 155, 10.	1.9	80
21	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. Astronomical Journal, 2018, 155, 57.	1.9	76
22	TWO TRANSITING EARTH-SIZE PLANETS NEAR RESONANCE ORBITING A NEARBY COOL STAR. Astrophysical Journal, 2015, 811, 102.	1.6	75
23	A remnant planetary core in the hot-Neptune desert. Nature, 2020, 583, 39-42.	13.7	73
24	Scaling K2. I. Revised Parameters for 222,088 K2 Stars and a K2 Planet Radius Valley at 1.9 R _{âŠ•}. Astrophysical Journal, Supplement Series, 2020, 247, 28.	3.0	72
25	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY*. Astrophysical Journal, 2016, 817, 166.	1.6	68
26	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. Astronomical Journal, 2020, 160, 116.	1.9	67
27	Flare Statistics for Young Stars from a Convolutional Neural Network Analysis of TESS Data. Astronomical Journal, 2020, 160, 219.	1.9	66
28	Planet Candidates from K2 Campaigns 5â€“8 and Follow-up Optical Spectroscopy. Astronomical Journal, 2018, 155, 21.	1.9	62
29	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. Astronomical Journal, 2020, 160, 3.	1.9	62
30	VARIABILITY IN A YOUNG, L/T TRANSITION PLANETARY-MASS OBJECT. Astrophysical Journal Letters, 2015, 813, L23.	3.0	60
31	K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities. Astronomical Journal, 2017, 153, 271.	1.9	60
32	THE Na 8200 Ã... DOUBLET AS AN AGE INDICATOR IN LOW-MASS STARS. Astronomical Journal, 2012, 143, 114.	1.9	58
33	Sixty Validated Planets from K2 Campaigns 5â€“8. Astronomical Journal, 2018, 156, 277.	1.9	53
34	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. Astronomical Journal, 2017, 153, 255.	1.9	51
35	TWO TRANSITING LOW DENSITY SUB-SATURNS FROM K2. Astrophysical Journal, 2016, 818, 36.	1.6	50
36	TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 1â€“26. Astrophysical Journal, Supplement Series, 2022, 258, 16.	3.0	50

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37	Simultaneous Multiwavelength Variability Characterization of the Free-floating Planetary-mass Object PSO J318.5â˜22. Astronomical Journal, 2018, 155, 95.	1.9	49
38	SPITZER OBSERVATIONS OF EXOPLANETS DISCOVERED WITH THE KEPLER K2 MISSION. Astrophysical Journal, 2016, 822, 39.	1.6	48
39	TWO SMALL TEMPERATE PLANETS TRANSITING NEARBY M DWARFS IN K2 CAMPAIGNS 0 AND 1* â€ â€¡. Astrophysical Journal, 2016, 818, 87.	1.6	47
40	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. Astronomical Journal, 2019, 157, 191.	1.9	46
41	MASS CONSTRAINTS OF THE WASP-47 PLANETARY SYSTEM FROM RADIAL VELOCITIES. Astronomical Journal, 2017, 153, 70.	1.9	45
42	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. Astronomical Journal, 2018, 156, 286.	1.9	44
43	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. I. Classifying Low-mass Host Stars Observed during Campaigns 1â€“7. Astrophysical Journal, 2017, 836, 167.	1.6	43
44	A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. Astrophysical Journal Letters, 2019, 883, L16.	3.0	42
45	Discovery and Vetting of Exoplanets. I. Benchmarking K2 Vetting Tools. Astronomical Journal, 2019, 157, 124.	1.9	42
46	THE LEECH EXOPLANET IMAGING SURVEY: ORBIT AND COMPONENT MASSES OF THE INTERMEDIATE-AGE, LATE-TYPE BINARY NO UMa* â€. Astrophysical Journal, 2016, 818, 1.	1.6	41
47	A Search for Variability in Exoplanet Analogues and Low-Gravity Brown Dwarfs. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	39
48	SCExAO/CHARIS Near-infrared Direct Imaging, Spectroscopy, and Forward-Modeling of Î² And b: A Likely Young, Low-gravity Superjovian Companion. Astronomical Journal, 2018, 156, 291.	1.9	39
49	WASP-107bâ€™s Density Is Even Lower: A Case Study for the Physics of Planetary Gas Envelope Accretion and Orbital Migration. Astronomical Journal, 2021, 161, 70.	1.9	38
50	Spitzer Variability Properties of Low-gravity L Dwarfs. Astronomical Journal, 2020, 160, 38.	1.9	37
51	Bright Opportunities for Atmospheric Characterization of Small Planets: Masses and Radii of K2-3 b, c, and d and GJ3470 b from Radial Velocity Measurements and Spitzer Transits. Astronomical Journal, 2019, 157, 97.	1.9	36
52	A Compact Multi-planet System with a Significantly Misaligned Ultra Short Period Planet. Astronomical Journal, 2018, 156, 245.	1.9	35
53	Near-resonance in a System of Sub-Neptunes from TESS. Astronomical Journal, 2019, 158, 177.	1.9	34
54	TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux. Astronomical Journal, 2022, 163, 156.	1.9	34

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55	HD 2685 b: a hot Jupiter orbiting an early F-type star detected by TESS. Astronomy and Astrophysics, 2019, 625, A16.	2.1	33
56	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. Astronomical Journal, 2020, 160, 22.	1.9	33
57	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.	1.6	33
58	ORBITAL MONITORING OF THE ASTRALUX LARGE M-DWARF MULTIPLICITY SAMPLE. Astrophysical Journal, Supplement Series, 2014, 214, 17.	3.0	32
59	The TESSâ€“Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. Astronomical Journal, 2020, 159, 241.	1.9	32
60	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.	1.6	30
61	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. Astronomical Journal, 2021, 161, 56.	1.9	30
62	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. Astronomical Journal, 2021, 162, 234.	1.9	30
63	Binaries among low-mass stars in nearby young moving groups. Astronomy and Astrophysics, 2017, 599, A70.	2.1	29
64	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. Astronomical Journal, 2020, 159, 151.	1.9	29
65	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. Astronomical Journal, 2020, 160, 117.	1.9	29
66	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. Astronomical Journal, 2021, 161, 162.	1.9	28
67	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. Astronomical Journal, 2022, 163, 147.	1.9	28
68	PLANETS AROUND LOW-MASS STARS (PALMS). V. AGE-DATING LOW-MASS COMPANIONS TO MEMBERS AND INTERLOPERS OF YOUNG MOVING GROUPS. Astrophysical Journal, 2015, 806, 62.	1.6	27
69	Subaru/SCExAO First-light Direct Imaging of a Young Debris Disk around HD 36546. Astrophysical Journal Letters, 2017, 836, L15.	3.0	25
70	Transmission Spectroscopy for the Warm Sub-Neptune HD 3167c: Evidence for Molecular Absorption and a Possible High-metallicity Atmosphere. Astronomical Journal, 2021, 161, 18.	1.9	25
71	Planetary Candidates from K2 Campaign 16. Astronomical Journal, 2018, 156, 22.	1.9	24
72	Discovery of a Transiting Adolescent Sub-Neptune Exoplanet with K2. Astronomical Journal, 2018, 156, 302.	1.9	23

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73	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. IV. Updated Properties for 86 Cool Dwarfs Observed during Campaigns 1â€“17. Astronomical Journal, 2019, 158, 87.	1.9	23
74	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. Astronomical Journal, 2020, 160, 235.	1.9	23
75	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 83-99.	1.6	23
76	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. Astronomical Journal, 2021, 161, 194.	1.9	22
77	Stellar Surface Inhomogeneities as a Potential Source of the Atmospheric Signal Detected in the K2-18b Transmission Spectrum. Astronomical Journal, 2021, 162, 300.	1.9	22
78	Three Small Planets Transiting the Bright Young Field Star K2-233. Astronomical Journal, 2018, 155, 222.	1.9	21
79	Estimating the Ultraviolet Emission of M Dwarfs with Exoplanets from Ca ii and HÎ±. Astronomical Journal, 2020, 160, 269.	1.9	21
80	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. Astronomical Journal, 2021, 162, 256.	1.9	21
81	A TESS Dress Rehearsal: Planetary Candidates and Variables from K2 Campaign 17. Astrophysical Journal, Supplement Series, 2018, 239, 5.	3.0	20
82	The First Habitable-zone Earth-sized Planet from TESS. III. Climate States and Characterization Prospects for TOI-700 d. Astronomical Journal, 2020, 160, 118.	1.9	20
83	Stellar and Planetary Parameters for K2's Late-type Dwarf Systems from C1 to C5. Astrophysical Journal, 2017, 837, 72.	1.6	19
84	Revisiting the HIP 41378 System with K2 and Spitzer. Astronomical Journal, 2019, 157, 185.	1.9	18
85	Scaling K2. II. Assembly of a Fully Automated C5 Planet Candidate Catalog Using EDI-Vetter. Astronomical Journal, 2020, 159, 154.	1.9	18
86	The TESS Phase Curve of KELT-1b Suggests a High Dayside Albedo. Astronomical Journal, 2020, 160, 211.	1.9	18
87	TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere. Astronomical Journal, 2021, 162, 218.	1.9	18
88	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. Astronomical Journal, 2020, 160, 114.	1.9	17
89	TOI-150b and TOI-163b: two transiting hot Jupiters, one eccentric and one inflated, revealed by TESS near and at the edge of the JWST CVZ. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1094-1110.	1.6	16
90	Spitzer Transit Follow-up of Planet Candidates from the K2 Mission. Astronomical Journal, 2019, 157, 102.	1.9	16

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91	K2-288Bb: A Small Temperate Planet in a Low-mass Binary System Discovered by Citizen Scientists. Astronomical Journal, 2019, 157, 40.	1.9	16
92	Catalog of New K2 Exoplanet Candidates from Citizen Scientists. Research Notes of the AAS, 2019, 3, 43.	0.3	16
93	Simultaneous Multiwavelength Flare Observations of EV Lacertae. Astrophysical Journal, 2021, 922, 31.	1.6	16
94	Intrinsic LyÎ± Profiles of High-velocity G, K, and M Dwarfs. Astrophysical Journal, 2022, 926, 129.	1.6	16
95	TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. Astronomical Journal, 2021, 162, 62.	1.9	15
96	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. Astronomical Journal, 2020, 160, 113.	1.9	15
97	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. Astronomical Journal, 2020, 160, 209.	1.9	15
98	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. Astronomical Journal, 2022, 163, 207.	1.9	15
99	L 98-59: A Benchmark System of Small Planets for Future Atmospheric Characterization. Astronomical Journal, 2021, 162, 169.	1.9	14
100	Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14. Astronomical Journal, 2018, 156, 127.	1.9	13
101	K2-291b: A Rocky Super-Earth in a 2.2 day Orbit[*] â€. Astronomical Journal, 2019, 157, 116.	1.9	13
102	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. Astronomical Journal, 2021, 162, 87.	1.9	13
103	Scaling K2. III. Comparable Planet Occurrence in the FGK Samples of Campaign 5 and Kepler. Astronomical Journal, 2020, 160, 94.	1.9	13
104	DEEPz-BAND OBSERVATIONS OF THE COOLEST Y DWARF. Astrophysical Journal, 2014, 797, 3.	1.6	12
105	The discrepancy between dynamical and theoretical mass in the triplet-system 2MASS J10364483+1521394. Astronomy and Astrophysics, 2017, 604, A82.	2.1	12
106	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. Astronomical Journal, 2021, 162, 215.	1.9	12
107	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. Proceedings of SPIE, 2014, , .	0.8	11
108	Scaling K2. IV. A Uniform Planet Sample for Campaigns 1â€“8 and 10â€“18. Astronomical Journal, 2021, 162, 259.	1.9	11

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109	Planetary candidates transiting cool dwarf stars from campaigns 12 to 15 of K2. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5416-5441.	1.6	10
110	Follow-Up and Validation of K2 and TESS Planetary Systems With Keck NIRC2 Adaptive Optics Imaging. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	10
111	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. Astronomical Journal, 2022, 163, 133.	1.9	10
112	Transit Timing Variations for AU Microscopii b and c. Astronomical Journal, 2022, 164, 27.	1.9	10
113	Ultra-short-period Planets in K2. III. Neighbors are Common with 13 New Multiplanet Systems and 10 Newly Validated Planets in Campaigns 0â€“8 and 10. Planetary Science Journal, 2021, 2, 152.	1.5	9
114	The Feasibility of Directly Imaging Nearby Cold Jovian Planets with MIRI/JWST. Astronomical Journal, 2020, 159, 18.	1.9	9
115	TIC 278956474: Two Close Binaries in One Young Quadruple System Identified by TESS. Astronomical Journal, 2020, 160, 76.	1.9	9
116	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. III. A High Mass and Low Envelope Fraction for the Warm Neptune K2-55b*. Astronomical Journal, 2018, 156, 70.	1.9	8
117	Validation of 13 Hot and Potentially Terrestrial TESS Planets. Astronomical Journal, 2022, 163, 99.	1.9	8
118	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2â€“18. Astronomical Journal, 2022, 163, 244.	1.9	8
119	The NASA GSFC TESS Full Frame Image Light Curve Data Set. Research Notes of the AAS, 2022, 6, 111.	0.3	8
120	A Radial velocity survey of spatially resolved young, low-mass binaries. Astronomy and Astrophysics, 2018, 618, A5.	2.1	7
121	The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc. Astronomical Journal, 2022, 163, 151.	1.9	6
122	Mysterious Dust-emitting Object Orbiting TIC 400799224. Astronomical Journal, 2021, 162, 299.	1.9	6
123	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. Astronomical Journal, 2022, 163, 9.	1.9	5
124	Disks in Nearby Young Stellar Associations Found Via Virtual Reality. Astrophysical Journal, 2022, 933, 13.	1.6	5
125	A 2 R_{âŠ•} Planet Orbiting the Bright Nearby K Dwarf Wolf 503. Astronomical Journal, 2018, 156, 188.	1.9	4
126	An Asymmetric Eclipse Seen toward the Pre-main-sequence Binary System V928 Tau. Astronomical Journal, 2020, 160, 285.	1.9	4

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127	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. Astronomical Journal, 2022, 163, 269.	1.9	4
128	An Improved Transit Measurement for a 2.4 R_{âŠ•} Planet Orbiting A Bright Mid-M Dwarf K2â€“28. Astronomical Journal, 2018, 155, 223.	1.9	3
129	HD 219134 Revisited: Planet d Transit Upper Limit and Planet f Transit Nondetection with ASTERIA and TESS. Astronomical Journal, 2021, 161, 117.	1.9	2
130	Large Binocular Telescope Search for Companions and Substructures in the (Pre)transitional Disk of AB Aurigae. Astrophysical Journal, 2022, 926, 71.	1.6	2
131	High-contrast Imaging Study on the Candidate Companions Around the Star AH Lep. Research Notes of the AAS, 2019, 3, 100.	0.3	0