

Stephen R Kane

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

9,551
citations

61857

43
h-index

53109

85
g-index

214
all docs

214
docs citations

214
times ranked

4735
citing authors

#	ARTICLE	IF	CITATIONS
1	The Revised TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , 2019, 158, 138.	1.9	577
2	STELLAR DIAMETERS AND TEMPERATURES. II. MAIN-SEQUENCE K- AND M-STARS. <i>Astrophysical Journal</i> , 2012, 757, 112.	1.6	457
3	The TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , 2018, 156, 102.	1.9	433
4	A Framework for Prioritizing the <i>TESS</i> Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114401.	1.0	314
5	KEPLER ECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. <i>Astronomical Journal</i> , 2016, 151, 68.	1.9	302
6	An Earth-Sized Planet in the Habitable Zone of a Cool Star. <i>Science</i> , 2014, 344, 277-280.	6.0	252
7	A map of the large dayâ€“night temperature gradient of a super-Earth exoplanet. <i>Nature</i> , 2016, 532, 207-209.	13.7	225
8	A HIGH-PRECISION NEAR-INFRARED SURVEY FOR RADIAL VELOCITY VARIABLE LOW-MASS STARS USING CSHELL AND A METHANE GAS CELL. <i>Astrophysical Journal</i> , 2016, 822, 40.	1.6	225
9	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	3.0	190
10	TESS Discovery of a Transiting Super-Earth in the pi Mensae System. <i>Astrophysical Journal Letters</i> , 2018, 868, L39.	3.0	148
11	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	13.7	145
12	CHARACTERIZING THE VARIABILITY OF STARS WITH EARLY-RELEASE<i>KEPLER</i>DATA. <i>Astronomical Journal</i> , 2011, 141, 108.	1.9	134
13	A CATALOG OF KEPLER HABITABLE ZONE EXOPLANET CANDIDATES. <i>Astrophysical Journal</i> , 2016, 830, 1.	1.6	133
14	KEPLER 453 bâ€“THE 10th<i>KEPLER</i>TRANSITING CIRCUMBINARY PLANET. <i>Astrophysical Journal</i> , 2015, 809, 26.	1.6	130
15	Exoplanet Biosignatures: Observational Prospects. <i>Astrobiology</i> , 2018, 18, 739-778.	1.5	130
16	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.	3.0	128
17	55 CANCRI: STELLAR ASTROPHYSICAL PARAMETERS, A PLANET IN THE HABITABLE ZONE, AND IMPLICATIONS FOR THE RADIUS OF A TRANSITING SUPER-EARTH. <i>Astrophysical Journal</i> , 2011, 740, 49.	1.6	116
18	A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020, 585, 363-367.	13.7	111

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19	Stellar diameters and temperatures – VI. High angular resolution measurements of the transiting exoplanet host stars HD 189733 and HD 209458 and implications for models of cool dwarfs. Monthly Notices of the Royal Astronomical Society, 2015, 447, 846-857.	1.6	108
20	Stellar diameters and temperatures – V. 11 newly characterized exoplanet host stars. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2413-2425.	1.6	106
21	THE GJ 436 SYSTEM: DIRECTLY DETERMINED ASTROPHYSICAL PARAMETERS OF AN M DWARF AND IMPLICATIONS FOR THE TRANSITING HOT NEPTUNE. Astrophysical Journal, 2012, 753, 171.	1.6	102
22	California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line. Astrophysical Journal, Supplement Series, 2021, 255, 14.	3.0	102
23	KEPLER-1647B: THE LARGEST AND LONGEST-PERIOD KEPLER TRANSITING CIRCUMBINARY PLANET. Astrophysical Journal, 2016, 827, 86.	1.6	101
24	The exoplanet eccentricity distribution from Kepler planet candidates. Monthly Notices of the Royal Astronomical Society, 2012, 425, 757-762.	1.6	95
25	ASTROPHYSICAL PARAMETERS AND HABITABLE ZONE OF THE EXOPLANET HOSTING STAR GJ 581. Astrophysical Journal Letters, 2011, 729, L26.	3.0	93
26	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. Astronomical Journal, 2019, 158, 32.	1.9	93
27	Toward Precise Stellar Ages: Combining Isochrone Fitting with Empirical Gyrochronology. Astronomical Journal, 2019, 158, 173.	1.9	88
28	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
29	The Habitable Zone Gallery. Publications of the Astronomical Society of the Pacific, 2012, 124, 323-328.	1.0	83
30	Radial velocity planet detection biases at the stellar rotational period. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3565-3573.	1.6	81
31	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. Astrophysical Journal Letters, 2019, 881, L19.	3.0	80
32	THE DISCOVERY OF HD 37605c AND A DISPOSITIVE NULL DETECTION OF TRANSITS OF HD 37605b. Astrophysical Journal, 2012, 761, 46.	1.6	73
33	TESS Full Orbital Phase Curve of the WASP-18b System. Astronomical Journal, 2019, 157, 178.	1.9	70
34	ON THE FREQUENCY OF POTENTIAL VENUS ANALOGS FROM KEPLER DATA. Astrophysical Journal Letters, 2014, 794, L5.	3.0	69
35	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. Astronomical Journal, 2020, 160, 179.	1.9	68
36	Constraining Orbital Parameters through Planetary Transit Monitoring. Astrophysical Journal, 2008, 689, 492-498.	1.6	67

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37	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020, 160, 116.	1.9	67
38	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
39	The Stellar Activity of TRAPPIST-1 and Consequences for the Planetary Atmospheres. <i>Astrophysical Journal</i> , 2017, 851, 77.	1.6	63
40	HABITABILITY OF EXOMOONS AT THE HILL OR TIDAL LOCKING RADIUS. <i>Astrophysical Journal</i> , 2013, 774, 27.	1.6	62
41	Revealing the Mysteries of Venus: The DAVINCI Mission. <i>Planetary Science Journal</i> , 2022, 3, 117.	1.5	62
42	Refining Exoplanet Ephemerides and Transit Observing Strategies. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1386-1394.	1.0	61
43	ON THE HABITABLE ZONES OF CIRCUMBINARY PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2013, 762, 7.	1.6	60
44	Venus as a Laboratory for Exoplanetary Science. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 2015-2028.	1.5	59
45	TOI-1338: TESS's First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020, 159, 253.	1.9	58
46	TERMS PHOTOMETRY OF KNOWN TRANSITING EXOPLANETS. <i>Astronomical Journal</i> , 2011, 142, 115.	1.9	56
47	THE CATALOG OF EARTH-LIKE EXOPLANET SURVEY TARGETS (CELESTA): A DATABASE OF HABITABLE ZONES AROUND NEARBY STARS. <i>Astronomical Journal</i> , 2016, 151, 59.	1.9	49
48	The Pan-Pacific Planet Search. VII. The Most Eccentric Planet Orbiting a Giant Star. <i>Astronomical Journal</i> , 2017, 154, 274.	1.9	47
49	Systematic Phase Curve Study of Known Transiting Systems from Year One of the TESS Mission. <i>Astronomical Journal</i> , 2020, 160, 155.	1.9	45
50	THREE TEMPERATE NEPTUNES ORBITING NEARBY STARS*. <i>Astrophysical Journal</i> , 2016, 830, 46.	1.6	44
51	Validation of Small Kepler Transiting Planet Candidates in or near the Habitable Zone. <i>Astronomical Journal</i> , 2017, 154, 264.	1.9	44
52	Kepler-1649b: An Exo-Venus in the Solar Neighborhood. <i>Astronomical Journal</i> , 2017, 153, 162.	1.9	42
53	A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. <i>Astrophysical Journal Letters</i> , 2019, 883, L16.	3.0	42
54	A SEARCH FOR THE TRANSIT OF HD 168443b: IMPROVED ORBITAL PARAMETERS AND PHOTOMETRY. <i>Astrophysical Journal</i> , 2011, 743, 162.	1.6	41

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55	THE HD 192263 SYSTEM: PLANETARY ORBITAL PERIOD AND STELLAR VARIABILITY DISENTANGLED. <i>Astrophysical Journal</i> , 2012, 754, 37.	1.6	40
56	The Habitable Zone and Extreme Planetary Orbits. <i>Astrobiology</i> , 2012, 12, 940-945.	1.5	40
57	Atmospheric Seasonality as an Exoplanet Biosignature. <i>Astrophysical Journal Letters</i> , 2018, 858, L14.	3.0	40
58	Visible-light Phase Curves from the Second Year of the TESS Primary Mission. <i>Astronomical Journal</i> , 2021, 162, 127.	1.9	40
59	HOST STAR PROPERTIES AND TRANSIT EXCLUSION FOR THE HD 38529 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2013, 768, 155.	1.6	39
60	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , 2021, 162, 295.	1.9	39
61	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1â€“3. <i>Astronomical Journal</i> , 2018, 155, 84.	1.9	38
62	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020, 892, L7.	3.0	37
63	HABITABLE ZONE DEPENDENCE ON STELLAR PARAMETER UNCERTAINTIES. <i>Astrophysical Journal</i> , 2014, 782, 111.	1.6	36
64	The language of exoplanet ranking metrics needs to change. <i>Nature Astronomy</i> , 2017, 1, .	4.2	34
65	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177.	1.9	34
66	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Piscesâ€“Eridanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65.	1.9	34
67	PHOTOMETRIC PHASE VARIATIONS OF LONG-PERIOD ECCENTRIC PLANETS. <i>Astrophysical Journal</i> , 2010, 724, 818-826.	1.6	33
68	Obliquity and Eccentricity Constraints for Terrestrial Exoplanets. <i>Astronomical Journal</i> , 2017, 154, 204.	1.9	33
69	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 22.	1.9	33
70	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
71	STELLAR COMPANIONS TO THE EXOPLANET HOST STARS HD 2638 AND HD 164509. <i>Astronomical Journal</i> , 2016, 152, 149.	1.9	32
72	Exploring Kepler Giant Planets in the Habitable Zone. <i>Astrophysical Journal</i> , 2018, 860, 67.	1.6	32

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73	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
74	TESS Phase Curve of the Hot Jupiter WASP-19b. <i>Astronomical Journal</i> , 2020, 159, 104.	1.9	32
75	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.	1.9	32
76	A POTENTIAL SUPER-VENUS IN THE KEPLER-69 SYSTEM. <i>Astrophysical Journal Letters</i> , 2013, 770, L20.	3.0	31
77	ORBITAL DYNAMICS OF MULTI-PLANET SYSTEMS WITH ECCENTRICITY DIVERSITY. <i>Astrophysical Journal</i> , 2014, 784, 104.	1.6	31
78	Precise Radial Velocities of Cool Low-mass Stars with iSHELL. <i>Astronomical Journal</i> , 2019, 158, 170.	1.9	31
79	Utilizing Small Telescopes Operated by Citizen Scientists for Transiting Exoplanet Follow-up. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 054401.	1.0	31
80	Implications of the spectroscopic abundances in $\hat{\pm}$ Centauri A and B. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 432, L36-L40.	1.2	30
81	REFINED PROPERTIES OF THE HD 130322 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015, 803, 8.	1.6	30
82	Exclusion of Stellar Companions to Exoplanet Host Stars. <i>Astronomical Journal</i> , 2017, 154, 184.	1.9	30
83	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.	1.9	30
84	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234.	1.9	30
85	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.	1.9	29
86	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
87	PHASE CURVES OF THE KEPLER-11 MULTI-PLANET SYSTEM. <i>Astrophysical Journal</i> , 2014, 787, 105.	1.6	28
88	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31.	1.6	28
89	Simulations for multi-object spectrograph planet surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1610-1622.	1.6	27
90	The Impact of Stellar Distances on Habitable Zone Planets. <i>Astrophysical Journal Letters</i> , 2018, 861, L21.	3.0	27

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91	LIMITS ON STELLAR COMPANIONS TO EXOPLANET HOST STARS WITH ECCENTRIC PLANETS. <i>Astrophysical Journal</i> , 2014, 785, 93.	1.6	26
92	STELLAR ACTIVITY AND EXCLUSION OF THE OUTER PLANET IN THE HD 99492 SYSTEM. <i>Astrophysical Journal Letters</i> , 2016, 820, L5.	3.0	26
93	Climate Modeling of a Potential ExoVenus. <i>Astrophysical Journal</i> , 2018, 869, 46.	1.6	26
94	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
95	OBSERVATIONAL WINDOW FUNCTIONS IN PLANET TRANSIT SURVEYS. <i>Astrophysical Journal</i> , 2009, 702, 779-790.	1.6	25
96	ON THE INCLINATION DEPENDENCE OF EXOPLANET PHASE SIGNATURES. <i>Astrophysical Journal</i> , 2011, 729, 74.	1.6	25
97	The TESSâ€œKeck Survey. IV. A Retrograde, Polar Orbit for the Ultra-low-density, Hot Super-Neptune WASP-107b. <i>Astronomical Journal</i> , 2021, 161, 119.	1.9	25
98	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
99	A NEW ANALYSIS OF THE EXOPLANET HOSTING SYSTEM HD 6434. <i>Astronomical Journal</i> , 2015, 150, 169.	1.9	24
100	USING KEPLER CANDIDATES TO EXAMINE THE PROPERTIES OF HABITABLE ZONE EXOPLANETS. <i>Astronomical Journal</i> , 2016, 152, 4.	1.9	24
101	A CONSISTENT ORBITAL STABILITY ANALYSIS FOR THE GJ 581 SYSTEM. <i>Astrophysical Journal</i> , 2014, 788, 160.	1.6	23
102	EVIDENCE FOR REFLECTED LIGHT FROM THE MOST ECCENTRIC EXOPLANET KNOWN. <i>Astrophysical Journal</i> , 2016, 821, 65.	1.6	23
103	TESS Observations of the WASP-121 b Phase Curve. <i>Astronomical Journal</i> , 2021, 161, 131.	1.9	23
104	Predicting the Yield of Potential Venus Analogs from TESS and Their Potential for Atmospheric Characterization. <i>Astronomical Journal</i> , 2019, 158, 195.	1.9	23
105	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.	1.9	23
106	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
107	Accurate Coordinates and 2MASS Cross Identifications for (Almost) All Cliese Catalog Star. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 885-897.	1.0	22
108	DETECTABILITY OF EXOPLANET PERIASTRON PASSAGE IN THE INFRARED. <i>Astrophysical Journal</i> , 2011, 741, 52.	1.6	22

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109	STABILITY OF EARTH-MASS PLANETS IN THE KEPLER-68 SYSTEM. <i>Astrophysical Journal Letters</i> , 2015, 814, L9.	3.0	22
110	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
111	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	1.9	22
112	Detectability of Life Using Oxygen on Pelagic Planets and Water Worlds. <i>Astrophysical Journal</i> , 2020, 893, 163.	1.6	22
113	Detectability of exoplanetary transits from radial velocity surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 1488-1496.	1.6	21
114	Predicted Yield of Transits of Known Radial Velocity Exoplanets from the <i>TESS</i> Primary and Extended Missions. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 034401.	1.0	20
115	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.	1.9	20
116	The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c. <i>Astronomical Journal</i> , 2020, 160, 193.	1.9	20
117	Observations of Binary Stars with the Differential Speckle Survey Instrument. VIII. Measures of Metal-poor and Triple Stars from 2015 to 2018. <i>Astronomical Journal</i> , 2019, 157, 56.	1.9	19
118	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.	1.6	19
119	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. <i>Astronomical Journal</i> , 2021, 162, 137.	1.9	19
120	Science Extraction from TESS Observations of Known Exoplanet Hosts. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 014402.	1.0	19
121	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
122	REVISED ORBIT AND TRANSIT EXCLUSION FOR HD 114762b. <i>Astrophysical Journal Letters</i> , 2011, 735, L41.	3.0	18
123	COMPLETENESS OF IMAGING SURVEYS FOR ECCENTRIC EXOPLANETS. <i>Astrophysical Journal</i> , 2013, 766, 10.	1.6	18
124	Revisiting the HIP 41378 System with K2 and Spitzer. <i>Astronomical Journal</i> , 2019, 157, 185.	1.9	18
125	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 6.	3.0	18
126	A Volatile-poor Formation of LHS 3844b Based on Its Lack of Significant Atmosphere. <i>Planetary Science Journal</i> , 2020, 1, 36.	1.5	18

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127	Detecting the signatures of Uranus and Neptune. <i>Icarus</i> , 2011, 214, 327-333.	1.1	17
128	Worlds without Moons: Exomoon Constraints for Compact Planetary Systems. <i>Astrophysical Journal Letters</i> , 2017, 839, L19.	3.0	17
129	Orbital Stability and Precession Effects in the Kepler-89 System. <i>Astronomical Journal</i> , 2019, 158, 72.	1.9	17
130	Joint Radial Velocity and Direct Imaging Planet Yield Calculations. I. Self-consistent Planet Populations. <i>Astrophysical Journal</i> , 2020, 893, 122.	1.6	17
131	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.	1.9	17
132	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.	1.9	17
133	Distinguishing between stellar and planetary companions with phase monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 779-788.	1.6	16
134	ON THE ORBITAL INCLINATION OF PROXIMA CENTAURI b. <i>Astronomical Journal</i> , 2017, 153, 52.	1.9	16
135	Maximum Angular Separation Epochs for Exoplanet Imaging Observations. <i>Astronomical Journal</i> , 2018, 156, 267.	1.9	16
136	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.	3.0	16
137	The TESS-Keck Survey: [*] Science Goals and Target Selection. <i>Astronomical Journal</i> , 2022, 163, 297.	1.9	16
138	SOLAR SYSTEM MOONS AS ANALOGS FOR COMPACT EXOPLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2013, 146, 122.	1.9	15
139	DECOUPLING PHASE VARIATIONS IN MULTI-PLANET SYSTEMS. <i>Astrophysical Journal</i> , 2013, 762, 129.	1.6	15
140	A Recommendation Algorithm to Predict Giant Exoplanet Host Stars Using Stellar Elemental Abundances. <i>Astrophysical Journal</i> , 2019, 880, 49.	1.6	15
141	The Fundamental Connections between the Solar System and Exoplanetary Science. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006643.	1.5	15
142	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.	1.9	15
143	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , 2020, 160, 113.	1.9	15
144	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

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145	Eccentricity Driven Climate Effects in the Kepler-1649 System. <i>Astronomical Journal</i> , 2021, 161, 31.	1.9	15
146	Truly eccentric â€“ II. When can two circular planets mimic a single eccentric orbit?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4230-4238.	1.6	14
147	The Magellan/PFS Exoplanet Search: a 55-d period dense Neptune transiting the bright ($\langle V \rangle = 8.6$) star HD 95338. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4330-4341.	1.6	14
148	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020, 159, 243.	1.9	14
149	TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. <i>Astrophysical Journal</i> , 2020, 896, 65.	1.6	14
150	L 98-59: A Benchmark System of Small Planets for Future Atmospheric Characterization. <i>Astronomical Journal</i> , 2021, 162, 169.	1.9	14
151	Giant Outer Transiting Exoplanet Mass (GOT â€“EM) Survey. II. Discovery of a Failed Hot Jupiter on a 2.7 Yr, Highly Eccentric Orbit*. <i>Astronomical Journal</i> , 2021, 162, 154.	1.9	14
152	Spitzer Reveals Evidence of Molecular Absorption in the Atmosphere of the Hot Neptune LTT 9779b. <i>Astrophysical Journal Letters</i> , 2020, 903, L6.	3.0	14
153	IMPROVED ORBITAL PARAMETERS AND TRANSIT MONITORING FOR HD 156846b. <i>Astrophysical Journal</i> , 2011, 733, 28.	1.6	13
154	ON THE INCLINATION AND HABITABILITY OF THE HD 10180 SYSTEM. <i>Astrophysical Journal</i> , 2014, 792, 111.	1.6	13
155	Quantifying the Influence of Jupiter on the Earthâ€™s Orbital Cycles. <i>Astronomical Journal</i> , 2020, 159, 10.	1.9	13
156	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. <i>Astronomical Journal</i> , 2021, 161, 85.	1.9	13
157	Multiple Explanations for the Single Transit of KIC 5951458 Based on Radial Velocity Measurements Extracted with a Novel Matched-template Technique [—] . <i>Astronomical Journal</i> , 2020, 160, 149.	1.9	13
158	Exoplanetary Transit Constraints Based upon Secondary Eclipse Observations. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1096-1103.	1.0	12
159	ON THE TRANSIT POTENTIAL OF THE PLANET ORBITING IOTA DRACONIS. <i>Astrophysical Journal</i> , 2010, 720, 1644-1649.	1.6	12
160	ON THE STELLAR COMPANION TO THE EXOPLANET HOSTING STAR 30 ARIETIS B. <i>Astrophysical Journal</i> , 2015, 815, 32.	1.6	12
161	Giant Outer Transiting Exoplanet Mass (GOT â€“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
162	Dynamical Packing in the Habitable Zone: The Case of Beta CVn. <i>Astronomical Journal</i> , 2020, 160, 81.	1.9	12

#	ARTICLE	IF	CITATIONS
163	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021, 162, 215.	1.9	12
164	KOI-1003: A NEW SPOTTED, ECLIPSING RS CVN BINARY IN THE KEPLER FIELD. <i>Astrophysical Journal</i> , 2016, 832, 207.	1.6	11
165	Habitable Zone Boundaries for Circumbinary Planets. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 124402.	1.0	11
166	In the Presence of a Wrecking Ball: Orbital Stability in the HR 5183 System. <i>Astronomical Journal</i> , 2019, 158, 209.	1.9	11
167	Constraining the Magnitude of Climate Extremes From Time-Varying Irradiation on a Circumbinary Terrestrial Planet. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 3231-3243.	1.5	11
168	Asteroseismology of the Multiplanet System K2-93. <i>Astronomical Journal</i> , 2019, 158, 248.	1.9	11
169	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
170	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. <i>Astronomical Journal</i> , 2022, 163, 289.	1.9	11
171	PLANETARY PHASE VARIATIONS OF THE 55 CANCRI SYSTEM. <i>Astrophysical Journal</i> , 2011, 740, 61.	1.6	10
172	CYCLIC TRANSIT PROBABILITIES OF LONG-PERIOD ECCENTRIC PLANETS DUE TO PERIASTRON PRECESSION. <i>Astrophysical Journal</i> , 2012, 757, 105.	1.6	10
173	RESOLVING CLOSE ENCOUNTERS: STABILITY IN THE HD 5319 AND HD 7924 PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 830, 105.	1.6	10
174	Characterization of the Wolf 1061 Planetary System. <i>Astrophysical Journal</i> , 2017, 835, 200.	1.6	10
175	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. <i>Astronomical Journal</i> , 2019, 158, 100.	1.9	10
176	Predicting multiple planet stability and habitable zone companions in the TESS era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4703-4725.	1.6	10
177	Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827* \hat{a} . <i>Astronomical Journal</i> , 2021, 161, 47.	1.9	10
178	Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.	1.9	10
179	A COMPREHENSIVE CHARACTERIZATION OF THE 70 VIRGINIS PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015, 806, 60.	1.6	9
180	Habitability in the Omega Centauri Cluster. <i>Astrophysical Journal</i> , 2018, 864, 115.	1.6	9

#	ARTICLE	IF	CITATIONS
181	Could the Migration of Jupiter Have Accelerated the Atmospheric Evolution of Venus?. Planetary Science Journal, 2020, 1, 42.	1.5	9
182	STELLAR VARIABILITY OF THE EXOPLANET HOSTING STAR HD 63454. Astrophysical Journal, 2011, 737, 58.	1.6	8
183	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. Astronomical Journal, 2021, 161, 82.	1.9	8
184	Robust asteroseismic properties of the bright planet host HD 38529. Monthly Notices of the Royal Astronomical Society, 2020, 499, 6084-6093.	1.6	8
185	Validation of 13 Hot and Potentially Terrestrial TESS Planets. Astronomical Journal, 2022, 163, 99.	1.9	8
186	Mantle Degassing Lifetimes through Galactic Time and the Maximum Age Stagnant-lid Rocky Exoplanets Can Support Temperate Climates. Astrophysical Journal Letters, 2022, 930, L6.	3.0	8
187	Studying the Galactic Bulge through Spectroscopy of Microlensed Sources. I. Theoretical Considerations. Astrophysical Journal, 2006, 637, 752-764.	1.6	7
188	Discovery of a Compact Companion to a Nearby Star. Astrophysical Journal, 2019, 875, 74.	1.6	7
189	K2-HERMES II. Planet-candidate properties from K2 Campaigns 1-13. Monthly Notices of the Royal Astronomical Society, 2020, 496, 851-863.	1.6	7
190	The Resilience of Habitable Climates Around Circumbinary Stars. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006576.	1.5	7
191	The Dark Planets of the WASP-47 Planetary System. Astronomical Journal, 2020, 159, 176.	1.9	7
192	Direct Imaging of Exoplanets beyond the Radial Velocity Limit: Application to the HD 134987 System. Astronomical Journal, 2021, 162, 9.	1.9	7
193	Asteroseismology of iota Draconis and Discovery of an Additional Long-period Companion. Astronomical Journal, 2021, 162, 211.	1.9	7
194	The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. Astronomical Journal, 2021, 162, 265.	1.9	7
195	Revisiting BD-06 1339b: A Likely False Positive Caused by Stellar Activity. Astronomical Journal, 2022, 163, 215.	1.9	7
196	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI 1246. Astronomical Journal, 2022, 163, 293.	1.9	7
197	Stellar Properties of KIC 8736245: An Eclipsing Binary with a Solar-type Star Leaving the Main Sequence. Astronomical Journal, 2019, 158, 198.	1.9	6
198	Phase Modeling of the TRAPPIST-1 Planetary Atmospheres. Astronomical Journal, 2021, 161, 53.	1.9	6

#	ARTICLE	IF	CITATIONS
199	Speckle Imaging Characterization of Radial Velocity Exoplanet Systems. <i>Astronomical Journal</i> , 2021, 161, 123.	1.9	6
200	TOI-1842b: A Transiting Warm Saturn Undergoing Re-inflation around an Evolving Subgiant. <i>Astronomical Journal</i> , 2022, 163, 82.	1.9	6
201	The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc. <i>Astronomical Journal</i> , 2022, 163, 151.	1.9	6
202	Transit timings variations in the three-planet system: TOI-270. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5464-5485.	1.6	6
203	Orbital Dynamics and the Evolution of Planetary Habitability in the AU Mic System. <i>Astronomical Journal</i> , 2022, 163, 20.	1.9	6
204	Atmospheric dynamics of a near tidally locked Earth-sized planet. <i>Nature Astronomy</i> , 2022, 6, 420-427.	4.2	6
205	A Geologically Robust Procedure for Observing Rocky Exoplanets to Ensure that Detection of Atmospheric Oxygen Is a Modern Earth-like Biosignature. <i>Astrophysical Journal Letters</i> , 2020, 898, L17.	3.0	5
206	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. <i>Astronomical Journal</i> , 2022, 163, 273.	1.9	4
207	HD 183579b: a warm sub-Neptune transiting a solar twin detected by <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2220-2240.	1.6	3
208	Application of the Trend Filtering Algorithm for Photometric Time Series Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 084504.	1.0	2
209	Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems. <i>Astronomical Journal</i> , 2020, 159, 197.	1.9	2
210	Disentangling Blended K2 Photometry: Determining the Planetary Host Star. <i>Astronomical Journal</i> , 2018, 156, 209.	1.9	1
211	The <sc>HD</sc> 217107 planetary system: Twenty years of radial velocity measurements. <i>Astronomische Nachrichten</i> , 2020, 341, 870-878.	0.6	1
212	Cadence optimisation and exoplanetary parameter sensitivity. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 115-118.	0.0	0