

# Stephen R Kane

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

211  
papers

6,185  
citations

39  
h-index

70  
g-index

214  
ext. papers

7,955  
ext. citations

5.8  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
211	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , <b>2022</b> , 163, 99	4.9	1
210	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> , <b>2022</b> , 163, 61	4.9	2
209	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> , <b>2022</b> , 163, 101	4.9	2
208	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. <i>Astronomical Journal</i> , <b>2022</b> , 163, 82	4.9	1
207	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> , <b>2022</b> , 163, 151	4.9	0
206	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , <b>2022</b> , 163, 168	4.9	2
205	Transit timings variations in the three-planet system: TOI-270. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 5464-5485	4.3	0
204	Orbital Dynamics and the Evolution of Planetary Habitability in the AU Mic System. <i>Astronomical Journal</i> , <b>2022</b> , 163, 20	4.9	0
203	Revisiting BD-06 1339b: A Likely False Positive Caused by Stellar Activity. <i>Astronomical Journal</i> , <b>2022</b> , 163, 215	4.9	0
202	Mantle Degassing Lifetimes through Galactic Time and the Maximum Age Stagnant-lid Rocky Exoplanets Can Support Temperate Climates. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L6	7.9	1
201	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. <i>Astronomical Journal</i> , <b>2022</b> , 163, 273	4.9	0
200	The TESS-Keck Survey: * Science Goals and Target Selection. <i>Astronomical Journal</i> , <b>2022</b> , 163, 297	4.9	0
199	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. <i>Astronomical Journal</i> , <b>2022</b> , 163, 289	4.9	1
198	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI-1246. <i>Astronomical Journal</i> , <b>2022</b> , 163, 293	4.9	0
197	Revealing the Mysteries of Venus: The DAVINCI Mission. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 117	2.9	4
196	The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. <i>Astronomical Journal</i> , <b>2021</b> , 162, 265	4.9	1
195	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , <b>2021</b> , 162, 234	4.9	6

194	Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827* □ <i>Astronomical Journal</i> , <b>2021</b> , 161, 47	4.9	4
193	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , <b>2021</b> , 162, 215	4.9	2
192	Asteroseismology of iota Draconis and Discovery of an Additional Long-period Companion. <i>Astronomical Journal</i> , <b>2021</b> , 162, 211	4.9	0
191	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 920, L16	7.9	3
190	Eccentricity Driven Climate Effects in the Kepler-1649 System. <i>Astronomical Journal</i> , <b>2021</b> , 161, 31	4.9	4
189	Science Extraction from TESS Observations of Known Exoplanet Hosts. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2021</b> , 133, 014402	5	6
188	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3704-3722	4.3	17
187	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , <b>2021</b> , 161, 194	4.9	5
186	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , <b>2021</b> , 161, 235	4.9	5
185	Direct Imaging of Exoplanets beyond the Radial Velocity Limit: Application to the HD 134987 System. <i>Astronomical Journal</i> , <b>2021</b> , 162, 9	4.9	1
184	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 255, 6	8	4
183	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 254, 39	8	50
182	California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 255, 14	8	20
181	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> , <b>2021</b> , 161, 56	4.9	11
180	Phase Modeling of the TRAPPIST-1 Planetary Atmospheres. <i>Astronomical Journal</i> , <b>2021</b> , 161, 53	4.9	2
179	The TESS-Keck Survey. IV. A Retrograde, Polar Orbit for the Ultra-low-density, Hot Super-Neptune WASP-107b. <i>Astronomical Journal</i> , <b>2021</b> , 161, 119	4.9	14
178	TESS Observations of the WASP-121 b Phase Curve. <i>Astronomical Journal</i> , <b>2021</b> , 161, 131	4.9	13
177	The Fundamental Connections between the Solar System and Exoplanetary Science. <i>Journal of Geophysical Research E: Planets</i> , <b>2021</b> , 126, e2020JE006643	4.1	3

176	Speckle Imaging Characterization of Radial Velocity Exoplanet Systems. <i>Astronomical Journal</i> , <b>2021</b> , 161, 123	4.9	3
175	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> , <b>2021</b> , 161, 103	4.9	6
174	TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. <i>Astronomical Journal</i> , <b>2021</b> , 162, 62	4.9	3
173	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> , <b>2021</b> , 255, 8	8	30
172	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> , <b>2021</b> , 507, 2782-2803	4.3	3
171	Visible-light Phase Curves from the Second Year of the TESS Primary Mission. <i>Astronomical Journal</i> , <b>2021</b> , 162, 127	4.9	13
170	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 2220-2240	4.3	1
169	L 98-59: A Benchmark System of Small Planets for Future Atmospheric Characterization. <i>Astronomical Journal</i> , <b>2021</b> , 162, 169	4.9	3
168	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. <i>Astronomical Journal</i> , <b>2021</b> , 162, 137	4.9	6
167	Giant Outer Transiting Exoplanet Mass (GOT EM) Survey. II. Discovery of a Failed Hot Jupiter on a 2.7 Yr, Highly Eccentric Orbit*. <i>Astronomical Journal</i> , <b>2021</b> , 162, 154	4.9	5
166	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , <b>2021</b> , 161, 82	4.9	3
165	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces Eridanus Stream. <i>Astronomical Journal</i> , <b>2021</b> , 161, 65	4.9	11
164	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. <i>Astronomical Journal</i> , <b>2021</b> , 161, 85	4.9	4
163	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , <b>2021</b> , 162, 295	4.9	4
162	Joint Radial Velocity and Direct Imaging Planet Yield Calculations. I. Self-consistent Planet Populations. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 122	4.7	8
161	TOI-1338: TESS First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , <b>2020</b> , 159, 253	4.9	28
160	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , <b>2020</b> , 159, 243	4.9	8
159	TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. <i>Astrophysical Journal</i> , <b>2020</b> , 896, 65	4.7	8

158	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , <b>2020</b> , 582, 497-500	50.4	58
157	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , <b>2020</b> , 160, 22	4.9	19
156	TOI-677b: A Warm Jupiter (P= 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , <b>2020</b> , 159, 145	4.9	18
155	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 892, L7	7.9	18
154	The Dark Planets of the WASP-47 Planetary System. <i>Astronomical Journal</i> , <b>2020</b> , 159, 176	4.9	5
153	Quantifying the Influence of Jupiter on the Earth's Orbital Cycles. <i>Astronomical Journal</i> , <b>2020</b> , 159, 10	4.9	7
152	Utilizing Small Telescopes Operated by Citizen Scientists for Transiting Exoplanet Follow-up. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2020</b> , 132, 054401	5	14
151	Robust asteroseismic properties of the bright planet host HD 8529. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 6084-6093	4.3	3
150	TESS Phase Curve of the Hot Jupiter WASP-19b. <i>Astronomical Journal</i> , <b>2020</b> , 159, 104	4.9	21
149	The TESS Beek Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras. <i>Astronomical Journal</i> , <b>2020</b> , 159, 241	4.9	16
148	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> , <b>2020</b> , 160, 111	4.9	12
147	TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet. <i>Astronomical Journal</i> , <b>2020</b> , 160, 96	4.9	12
146	Dynamical Packing in the Habitable Zone: The Case of Beta CVn. <i>Astronomical Journal</i> , <b>2020</b> , 160, 81	4.9	4
145	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , <b>2020</b> , 160, 113	4.9	5
144	The Multiplanet System TOI-421. <i>Astronomical Journal</i> , <b>2020</b> , 160, 114	4.9	10
143	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , <b>2020</b> , 160, 229	4.9	5
142	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , <b>2020</b> , 160, 116	4.9	30
141	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , <b>2020</b> , 160, 117	4.9	15

140	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , <b>2020</b> , 160, 129	4.9	8
139	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. <i>Astronomical Journal</i> , <b>2020</b> , 160, 209	4.9	9
138	Systematic Phase Curve Study of Known Transiting Systems from Year One of the TESS Mission. <i>Astronomical Journal</i> , <b>2020</b> , 160, 155	4.9	24
137	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> , <b>2020</b> , 160, 149	4.9	5
136	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. <i>Astronomical Journal</i> , <b>2020</b> , 160, 179	4.9	32
135	The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c. <i>Astronomical Journal</i> , <b>2020</b> , 160, 193	4.9	11
134	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , <b>2020</b> , 160, 235	4.9	9
133	Detectability of Life Using Oxygen on Pelagic Planets and Water Worlds. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 163	4.7	15
132	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> , <b>2020</b> , 898, L17	7.9	3
131	Spitzer Reveals Evidence of Molecular Absorption in the Atmosphere of the Hot Neptune LTT 9779b. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 903, L6	7.9	5
130	A Volatile-poor Formation of LHS 3844b Based on Its Lack of Significant Atmosphere. <i>Planetary Science Journal</i> , <b>2020</b> , 1, 36	2.9	9
129	Could the Migration of Jupiter Have Accelerated the Atmospheric Evolution of Venus?. <i>Planetary Science Journal</i> , <b>2020</b> , 1, 42	2.9	5
128	Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems. <i>Astronomical Journal</i> , <b>2020</b> , 159, 197	4.9	1
127	K2-HERMES II. Planet-candidate properties from K2 Campaigns 1-13. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 851-863	4.3	5
126	The HD 217107 planetary system: Twenty years of radial velocity measurements. <i>Astronomische Nachrichten</i> , <b>2020</b> , 341, 870-878	0.7	0
125	The Magellan/PFS Exoplanet Search: a 55-d period dense Neptune transiting the bright ( $V=8.6$ ) star HD 95338. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 4330-4341	4.3	7
124	The Resilience of Habitable Climates Around Circumbinary Stars. <i>Journal of Geophysical Research E: Planets</i> , <b>2020</b> , 125, e2020JE006576	4.1	6
123	A giant planet candidate transiting a white dwarf. <i>Nature</i> , <b>2020</b> , 585, 363-367	50.4	55

122	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2019</b> , 131, 115003	5	36
121	Venus as a Laboratory for Exoplanetary Science. <i>Journal of Geophysical Research E: Planets</i> , <b>2019</b> , 124, 2015-2028	4.1	35
120	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> , <b>2019</b> , 157, 56	4.9	13
119	Predicting multiple planet stability and habitable zone companions in the TESS era. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 4703-4725	4.3	7
118	Discovery of a Compact Companion to a Nearby Star. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 74	4.7	6
117	Predicted Yield of Transits of Known Radial Velocity Exoplanets from the TESS Primary and Extended Missions. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2019</b> , 131, 034401	5	14
116	TESS Full Orbital Phase Curve of the WASP-18b System. <i>Astronomical Journal</i> , <b>2019</b> , 157, 178	4.9	51
115	Revisiting the HIP 41378 System with K2 and Spitzer. <i>Astronomical Journal</i> , <b>2019</b> , 157, 185	4.9	10
114	Truly eccentric III. When can two circular planets mimic a single eccentric orbit?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 4230-4238	4.3	9
113	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. <i>Astronomical Journal</i> , <b>2019</b> , 158, 100	4.9	9
112	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 881, L19	7.9	49
111	A Recommendation Algorithm to Predict Giant Exoplanet Host Stars Using Stellar Elemental Abundances. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 49	4.7	7
110	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , <b>2019</b> , 3, 1099-1108	12.1	52
109	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , <b>2019</b> , 158, 32	4.9	56
108	Detection of Planetary and Stellar Companions to Neighboring Stars via a Combination of Radial Velocity and Direct Imaging Techniques. <i>Astronomical Journal</i> , <b>2019</b> , 157, 252	4.9	20
107	Habitable Zone Boundaries for Circumbinary Planets. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2019</b> , 131, 124402	5	9
106	In the Presence of a Wrecking Ball: Orbital Stability in the HR 5183 System. <i>Astronomical Journal</i> , <b>2019</b> , 158, 209	4.9	7
105	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , <b>2019</b> , 885, 31	4.7	17



104	Toward Precise Stellar Ages: Combining Isochrone Fitting with Empirical Gyrochronology. <i>Astronomical Journal</i> , <b>2019</b> , 158, 173	4.9	43
103	Orbital Stability and Precession Effects in the Kepler-89 System. <i>Astronomical Journal</i> , <b>2019</b> , 158, 72	4.9	8
102	Stellar Properties of KIC 8736245: An Eclipsing Binary with a Solar-type Star Leaving the Main Sequence. <i>Astronomical Journal</i> , <b>2019</b> , 158, 198	4.9	3
101	A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 883, L16	7.9	24
100	The Revised TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , <b>2019</b> , 158, 138	4.9	272
99	Predicting the Yield of Potential Venus Analogs from TESS and Their Potential for Atmospheric Characterization. <i>Astronomical Journal</i> , <b>2019</b> , 158, 195	4.9	15
98	Asteroseismology of the Multiplanet System K2-93. <i>Astronomical Journal</i> , <b>2019</b> , 158, 248	4.9	7
97	Precise Radial Velocities of Cool Low-mass Stars with iSHELL. <i>Astronomical Journal</i> , <b>2019</b> , 158, 170	4.9	18
96	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , <b>2019</b> , 158, 177	4.9	27
95	Constraining the Magnitude of Climate Extremes From Time-Varying Insolation on a Circumbinary Terrestrial Planet. <i>Journal of Geophysical Research E: Planets</i> , <b>2019</b> , 124, 3231-3243	4.1	7
94	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1B. <i>Astronomical Journal</i> , <b>2018</b> , 155, 84	4.9	33
93	The Impact of Stellar Distances on Habitable Zone Planets. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 861, L21	7.9	19
92	Atmospheric Seasonality as an Exoplanet Biosignature. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 858, L14	7.9	27
91	The TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , <b>2018</b> , 156, 102	4.9	279
90	Exploring Kepler Giant Planets in the Habitable Zone. <i>Astrophysical Journal</i> , <b>2018</b> , 860, 67	4.7	18
89	Disentangling Blended K2 Photometry: Determining the Planetary Host Star. <i>Astronomical Journal</i> , <b>2018</b> , 156, 209	4.9	0
88	CLIMATE MODELING OF A POTENTIAL EXOVENUS. <i>Astrophysical Journal</i> , <b>2018</b> , 869,	4.7	18
87	TESS DISCOVERY OF A TRANSITING SUPER-EARTH IN THE MENSAE SYSTEM. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 868,	7.9	125



86	Maximum Angular Separation Epochs for Exoplanet Imaging Observations. <i>Astronomical Journal</i> , <b>2018</b> , 156, 267	4.9	15
85	A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2018</b> , 130, 114401	5	141
84	Habitability in the Omega Centauri Cluster. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 115	4.7	5
83	Exoplanet Biosignatures: Observational Prospects. <i>Astrobiology</i> , <b>2018</b> , 18, 739-778	3.7	88
82	ON THE ORBITAL INCLINATION OF PROXIMA CENTAURI b. <i>Astronomical Journal</i> , <b>2017</b> , 153, 52	4.9	14
81	Characterization of the Wolf 1061 Planetary System. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 200	4.7	8
80	Worlds without Moons: Exomoon Constraints for Compact Planetary Systems. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 839, L19	7.9	14
79	Kepler-1649b: An Exo-Venus in the Solar Neighborhood. <i>Astronomical Journal</i> , <b>2017</b> , 153, 162	4.9	33
78	Validation of SmallKeplerTransiting Planet Candidates in or near the Habitable Zone. <i>Astronomical Journal</i> , <b>2017</b> , 154, 264	4.9	33
77	Obliquity and Eccentricity Constraints for Terrestrial Exoplanets. <i>Astronomical Journal</i> , <b>2017</b> , 154, 204	4.9	25
76	The Pan-Pacific Planet Search. VII. The Most Eccentric Planet Orbiting a Giant Star. <i>Astronomical Journal</i> , <b>2017</b> , 154, 274	4.9	39
75	The Stellar Activity of TRAPPIST-1 and Consequences for the Planetary Atmospheres. <i>Astrophysical Journal</i> , <b>2017</b> , 851, 77	4.7	50
74	Exclusion of Stellar Companions to Exoplanet Host Stars. <i>Astronomical Journal</i> , <b>2017</b> , 154, 184	4.9	24
73	RESOLVING CLOSE ENCOUNTERS: STABILITY IN THE HD 5319 AND HD 7924 PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 105	4.7	5
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