

Andrew William Howard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1743178/publications.pdf>

Version: 2024-02-01

365
papers

34,101
citations

4942

84
h-index

5965

160
g-index

370
all docs

370
docs citations

370
times ranked

8343
citing authors

#	ARTICLE	IF	CITATIONS
1	Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014, 1, 014003.	1.0	2,300
2	The California-Kepler Survey. III. A Gap in the Radius Distribution of Small Planets*. <i>Astronomical Journal</i> , 2017, 154, 109.	1.9	889
3	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM <i>KEPLER</i>. <i>Astrophysical Journal, Supplement Series</i> , 2012, 201, 15.	3.0	871
4	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BY<i>KEPLER</i>. II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. <i>Astrophysical Journal</i> , 2011, 736, 19.	1.6	859
5	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i>. III. ANALYSIS OF THE FIRST 16 MONTHS OF DATA. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 24.	3.0	823
6	Prevalence of Earth-size planets orbiting Sun-like stars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19273-19278.	3.3	639
7	Giant Planet Occurrence in the Stellar Mass-Metallicity Plane. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 905-915.	1.0	597
8	Transiting Exoplanet Survey Satellite (TESS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	566
9	The Occurrence and Mass Distribution of Close-in Super-Earths, Neptunes, and Jupiters. <i>Science</i> , 2010, 330, 653-655.	6.0	526
10	OBLIQUITIES OF HOT JUPITER HOST STARS: EVIDENCE FOR TIDAL INTERACTIONS AND PRIMORDIAL MISALIGNMENTS. <i>Astrophysical Journal</i> , 2012, 757, 18.	1.6	494
11	The Exoplanet Orbit Database. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 412-422.	1.0	424
12	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20.	3.0	418
13	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. <i>Nature</i> , 2012, 481, 475-479.	13.7	385
14	Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities. <i>Science</i> , 2012, 337, 556-559.	6.0	335
15	THE CALIFORNIA PLANET SURVEY. I. FOUR NEW GIANT EXOPLANETS. <i>Astrophysical Journal</i> , 2010, 721, 1467-1481.	1.6	328
16	HAT-P-11b: A SUPER-NEPTUNE PLANET TRANSITING A BRIGHT K STAR IN THE<i>KEPLER</i> FIELD. <i>Astrophysical Journal</i> , 2010, 710, 1724-1745.	1.6	315
17	CHARACTERISTICS OF<i>KEPLER</i> PLANETARY CANDIDATES BASED ON THE FIRST DATA SET. <i>Astrophysical Journal</i> , 2011, 728, 117.	1.6	313
18	THE FREQUENCY OF HOT JUPITERS ORBITING NEARBY SOLAR-TYPE STARS. <i>Astrophysical Journal</i> , 2012, 753, 160.	1.6	279

#	ARTICLE	IF	CITATIONS
19	THE NASA-UC-UH ETA-EARTH PROGRAM. IV. A LOW-MASS PLANET ORBITING AN M DWARF 3.6 PC FROM EARTH. <i>Astrophysical Journal</i> , 2014, 794, 51.	1.6	277
20	HAT-P-16b: A 4 <i>M_J</i> PLANET TRANSITING A BRIGHT STAR ON AN ECCENTRIC ORBIT,. <i>Astrophysical Journal</i> , 2010, 720, 1118-1125.	1.6	267
21	Revised Stellar Properties of Kepler Targets for the Q1-17 (DR25) Transit Detection Run. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 30.	3.0	263
22	Stellar Spin-Orbit Misalignment in a Multiplanet System. <i>Science</i> , 2013, 342, 331-334.	6.0	262
23	FUNDAMENTAL PROPERTIES OF <i>KEPLER</i> PLANET-CANDIDATE HOST STARS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2013, 767, 127.	1.6	259
24	A PLATEAU IN THE PLANET POPULATION BELOW TWICE THE SIZE OF EARTH. <i>Astrophysical Journal</i> , 2013, 770, 69.	1.6	254
25	THE MASS OF KOI-94d AND A RELATION FOR PLANET RADIUS, MASS, AND INCIDENT FLUX. <i>Astrophysical Journal</i> , 2013, 768, 14.	1.6	253
26	State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 066001.	1.0	253
27	Limits on Planetary Companions from Doppler Surveys of Nearby Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 114401.	1.0	252
28	The California-Kepler Survey. I. High-resolution Spectroscopy of 1305 Stars Hosting Kepler Transiting Planets [*] . <i>Astronomical Journal</i> , 2017, 154, 107.	1.9	249
29	The California-Kepler Survey. IV. Metal-rich Stars Host a Greater Diversity of Planets. <i>Astronomical Journal</i> , 2018, 155, 89.	1.9	249
30	FRIENDS OF HOT JUPITERS. I. A RADIAL VELOCITY SEARCH FOR MASSIVE, LONG-PERIOD COMPANIONS TO CLOSE-IN GAS GIANT PLANETS. <i>Astrophysical Journal</i> , 2014, 785, 126.	1.6	245
31	The California-Kepler Survey. V. Peas in a Pod: Planets in a Kepler Multi-planet System Are Similar in Size and Regularly Spaced [*] . <i>Astronomical Journal</i> , 2018, 155, 48.	1.9	239
32	A CORRELATION BETWEEN STELLAR ACTIVITY AND HOT JUPITER EMISSION SPECTRA. <i>Astrophysical Journal</i> , 2010, 720, 1569-1576.	1.6	235
33	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	1.6	218
34	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. <i>Science</i> , 2013, 340, 587-590.	6.0	213
35	HAT-P-7: A RETROGRADE OR POLAR ORBIT, AND A THIRD BODY. <i>Astrophysical Journal</i> , 2009, 703, L99-L103.	1.6	213
36	CHARACTERIZING THE COOL KOIs. III. KOI 961: A SMALL STAR WITH LARGE PROPER MOTION AND THREE SMALL PLANETS. <i>Astrophysical Journal</i> , 2012, 747, 144.	1.6	209

#	ARTICLE	IF	CITATIONS
37	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. <i>Nature</i> , 2017, 546, 514-518.	13.7	205
38	PLANET HUNTERS: A TRANSITING CIRCUMBINARY PLANET IN A QUADRUPLE STAR SYSTEM. <i>Astrophysical Journal</i> , 2013, 768, 127.	1.6	202
39	EFFICIENT FITTING OF MULTIPLANET KEPLERIAN MODELS TO RADIAL VELOCITY AND ASTROMETRY DATA. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 205-215.	3.0	200
40	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	13.7	193
41	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	3.0	190
42	Alignment of the stellar spin with the orbits of a three-planet system. <i>Nature</i> , 2012, 487, 449-453.	13.7	184
43	Water Vapor and Clouds on the Habitable-zone Sub-Neptune Exoplanet K2-18b. <i>Astrophysical Journal Letters</i> , 2019, 887, L14.	3.0	183
44	197 CANDIDATES AND 104 VALIDATED PLANETS IN K2'S FIRST FIVE FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 7.	3.0	177
45	Two Earth-sized planets orbiting Kepler-20. <i>Nature</i> , 2012, 482, 195-198.	13.7	172
46	A rocky composition for an Earth-sized exoplanet. <i>Nature</i> , 2013, 503, 381-384.	13.7	172
47	KEPLER-18b, c, AND d: A SYSTEM OF THREE PLANETS CONFIRMED BY TRANSIT TIMING VARIATIONS, LIGHT CURVE VALIDATION, <i>WARM-SPITZER</i> PHOTOMETRY, AND RADIAL VELOCITY MEASUREMENTS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 7.	3.0	171
48	<i>HUBBLE SPACE TELESCOPE</i> NEAR-IR TRANSMISSION SPECTROSCOPY OF THE SUPER-EARTH HD 97658B. <i>Astrophysical Journal</i> , 2014, 794, 155.	1.6	164
49	STATISTICS OF LONG PERIOD GAS GIANT PLANETS IN KNOWN PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 821, 89.	1.6	158
50	A Neptune-sized transiting planet closely orbiting a 56-million-year-old star. <i>Nature</i> , 2016, 534, 658-661.	13.7	157
51	CHARACTERIZING THE COOL KOIs. II. THE M DWARF KOI-254 AND ITS HOT JUPITER. <i>Astronomical Journal</i> , 2012, 143, 111.	1.9	154
52	Observed Properties of Extrasolar Planets. <i>Science</i> , 2013, 340, 572-576.	6.0	154
53	ORBITAL PHASE VARIATIONS OF THE ECCENTRIC GIANT PLANET HAT-P-2b. <i>Astrophysical Journal</i> , 2013, 766, 95.	1.6	153
54	A sub-Neptune exoplanet with a low-metallicity methane-depleted atmosphere and Mie-scattering clouds. <i>Nature Astronomy</i> , 2019, 3, 813-821.	4.2	151

#	ARTICLE	IF	CITATIONS
55	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. <i>Astrophysical Journal</i> , 2015, 804, 10.	1.6	149
56	The California-Kepler Survey. II. Precise Physical Properties of 2025 Kepler Planets and Their Host Stars. <i>Astronomical Journal</i> , 2017, 154, 108.	1.9	149
57	HAT-P-32b AND HAT-P-33b: TWO HIGHLY INFLATED HOT JUPITERS TRANSITING HIGH-JITTER STARS. <i>Astrophysical Journal</i> , 2011, 742, 59.	1.6	145
58	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	13.7	145
59	THE K2-ESPRINT PROJECT. I. DISCOVERY OF THE DISINTEGRATING ROCKY PLANET K2-22b WITH A COMETARY HEAD AND LEADING TAIL. <i>Astrophysical Journal</i> , 2015, 812, 112.	1.6	142
60	A wide star-black-hole binary system from radial-velocity measurements. <i>Nature</i> , 2019, 575, 618-621.	13.7	142
61	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns. <i>Astronomical Journal</i> , 2018, 155, 136.	1.9	141
62	THE OBLIQUE ORBIT OF THE SUPER-NEPTUNE HAT-P-11b. <i>Astrophysical Journal Letters</i> , 2010, 723, L223-L227.	3.0	137
63	FRIENDS OF HOT JUPITERS. II. NO CORRESPONDENCE BETWEEN HOT-JUPITER SPIN-ORBIT MISALIGNMENT AND THE INCIDENCE OF DIRECTLY IMAGED STELLAR COMPANIONS. <i>Astrophysical Journal</i> , 2015, 800, 138.	1.6	137
64	RETIRED A STARS AND THEIR COMPANIONS. VII. 18 NEW JOVIAN PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 26.	3.0	133
65	ON THE SPIN-ORBIT MISALIGNMENT OF THE XO-3 EXOPLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2009, 700, 302-308.	1.6	131
66	DETERMINING THE MASS OF KEPLER-78b WITH NONPARAMETRIC GAUSSIAN PROCESS ESTIMATION. <i>Astrophysical Journal</i> , 2015, 808, 127.	1.6	130
67	3.6 AND 4.5 μ m SPITZER PHASE CURVES OF THE HIGHLY IRRADIATED HOT JUPITERS WASP-19b AND HAT-P-7b. <i>Astrophysical Journal</i> , 2016, 823, 122.	1.6	129
68	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
69	LOW STELLAR OBLIQUITIES IN COMPACT MULTIPLANET SYSTEMS. <i>Astrophysical Journal</i> , 2013, 771, 11.	1.6	126
70	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. IV. THE OCCURRENCE RATE OF GIANT PLANETS AROUND M DWARFS. <i>Astrophysical Journal</i> , 2014, 781, 28.	1.6	125
71	FRIENDS OF HOT JUPITERS. IV. STELLAR COMPANIONS BEYOND 50 au MIGHT FACILITATE GIANT PLANET FORMATION, BUT MOST ARE UNLIKELY TO CAUSE KOZAI-LIDOV MIGRATION. <i>Astrophysical Journal</i> , 2016, 827, 8.	1.6	123
72	THE NASA-UC ETA-EARTH PROGRAM. I. A SUPER-EARTH ORBITING HD 7924. <i>Astrophysical Journal</i> , 2009, 696, 75-83.	1.6	122

#	ARTICLE	IF	CITATIONS
73	KEPLER-63b: A GIANT PLANET IN A POLAR ORBIT AROUND A YOUNG SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013, 775, 54.	1.6	122
74	VALIDATION OF 12 SMALL-KEPLER-TRANSITING PLANETS IN THE HABITABLE ZONE. <i>Astrophysical Journal</i> , 2015, 800, 99.	1.6	122
75	HAT-P-13b,c: A TRANSITING HOT JUPITER WITH A MASSIVE OUTER COMPANION ON AN ECCENTRIC ORBIT. <i>Astrophysical Journal</i> , 2009, 707, 446-456.	1.6	121
76	Planet Hunters: the first two planet candidates identified by the public using the Kepler public archive data... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2900-2911.	1.6	118
77	HAT-P-12b: A LOW-DENSITY SUB-SATURN MASS PLANET TRANSITING A METAL-POOR K DWARF. <i>Astrophysical Journal</i> , 2009, 706, 785-796.	1.6	117
78	HAT-P-20b-HAT-P-23b: FOUR MASSIVE TRANSITING EXTRASOLAR PLANETS. <i>Astrophysical Journal</i> , 2011, 742, 116.	1.6	117
79	ATMOSPHERIC CHARACTERIZATION OF THE HOT JUPITER KEPLER-13Ab. <i>Astrophysical Journal</i> , 2014, 788, 92.	1.6	110
80	HAT-P-26b: A LOW-DENSITY NEPTUNE-MASS PLANET TRANSITING A K STAR. <i>Astrophysical Journal</i> , 2011, 728, 138.	1.6	109
81	KEPLER-68: THREE PLANETS, ONE WITH A DENSITY BETWEEN THAT OF EARTH AND ICE GIANTS. <i>Astrophysical Journal</i> , 2013, 766, 40.	1.6	106
82	ELEVEN MULTIPLANET SYSTEMS FROM K2 CAMPAIGNS 1 AND 2 AND THE MASSES OF TWO HOT SUPER-EARTHS. <i>Astrophysical Journal</i> , 2016, 827, 78.	1.6	106
83	HAT-P-39b-HAT-P-41b: THREE HIGHLY INFLATED TRANSITING HOT JUPITERS. <i>Astronomical Journal</i> , 2012, 144, 139.	1.9	103
84	A Third Exoplanetary System with Misaligned Orbital and Stellar Spin Axes1. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1104-1111.	1.0	102
85	THE HAT-P-13 EXOPLANETARY SYSTEM: EVIDENCE FOR SPIN-ORBIT ALIGNMENT AND A THIRD COMPANION. <i>Astrophysical Journal</i> , 2010, 718, 575-582.	1.6	102
86	SPITZER OBSERVATIONS CONFIRM AND RESCUE THE HABITABLE-ZONE SUPER-EARTH K2-18b FOR FUTURE CHARACTERIZATION. <i>Astrophysical Journal</i> , 2017, 834, 187.	1.6	102
87	California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 14.	3.0	102
88	DISCOVERY AND ROSSITER-McLAUGHLIN EFFECT OF EXOPLANET KEPLER-8b. <i>Astrophysical Journal</i> , 2010, 724, 1108-1119.	1.6	100
89	Retired A Stars and Their Companions. IV. Seven Jovian Exoplanets from Keck Observatory1. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 701-711.	1.0	99
90	A 1.1-1.9 GHz SETI SURVEY OF THE KEPLER FIELD. I. A SEARCH FOR NARROW-BAND EMISSION FROM SELECT TARGETS. <i>Astrophysical Journal</i> , 2013, 767, 94.	1.6	99

#	ARTICLE	IF	CITATIONS
91	Search for Nanosecond Optical Pulses from Nearby Solar-type Stars. <i>Astrophysical Journal</i> , 2004, 613, 1270-1284.	1.6	98
92	THE PTF ORION PROJECT: A POSSIBLE PLANET TRANSITING A T-TAURI STAR. <i>Astrophysical Journal</i> , 2012, 755, 42.	1.6	97
93	3.6 AND 4.5 μ m PHASE CURVES OF THE HIGHLY IRRADIATED ECCENTRIC HOT JUPITER WASP-14b. <i>Astrophysical Journal</i> , 2015, 811, 122.	1.6	97
94	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	1.9	96
95	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1-7. <i>Astronomical Journal</i> , 2017, 154, 207.	1.9	95
96	HAT-P-18b AND HAT-P-19b: TWO LOW-DENSITY SATURN-MASS PLANETS TRANSITING METAL-RICH K STARS. <i>Astrophysical Journal</i> , 2011, 726, 52.	1.6	93
97	THE TRANSIT INGRESS AND THE TILTED ORBIT OF THE EXTRAORDINARILY ECCENTRIC EXOPLANET HD 80606b. <i>Astrophysical Journal</i> , 2009, 703, 2091-2100.	1.6	90
98	Three-planet System: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets. <i>Astronomical Journal</i> , 2017, 154, 122.	1.9	90
99	LARGE ECCENTRICITY, LOW MUTUAL INCLINATION: THE THREE-DIMENSIONAL ARCHITECTURE OF A HIERARCHICAL SYSTEM OF GIANT PLANETS. <i>Astrophysical Journal</i> , 2014, 791, 89.	1.6	89
100	RETIRED A STARS AND THEIR COMPANIONS. VI. A PAIR OF INTERACTING EXOPLANET PAIRS AROUND THE SUBGIANTS 24 SEXTANIS AND HD 200964. <i>Astronomical Journal</i> , 2011, 141, 16.	1.9	88
101	Refined stellar, orbital and planetary parameters of the eccentric HAT-P-2 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2665-2674.	1.6	87
102	ORBITAL ARCHITECTURES OF PLANET-HOSTING BINARIES. I. FORMING FIVE SMALL PLANETS IN THE TRUNCATED DISK OF KEPLER-444A*. <i>Astrophysical Journal</i> , 2016, 817, 80.	1.6	87
103	Four Sub-Saturns with Dissimilar Densities: Windows into Planetary Cores and Envelopes. <i>Astronomical Journal</i> , 2017, 153, 142.	1.9	87
104	THE NASA-UC ETA-EARTH PROGRAM. III. A SUPER-EARTH ORBITING HD 97658 AND A NEPTUNE-MASS PLANET ORBITING GI 785. <i>Astrophysical Journal</i> , 2011, 730, 10.	1.6	86
105	THE CALIFORNIA PLANET SURVEY. III. A POSSIBLE 2:1 RESONANCE IN THE EXOPLANETARY TRIPLE SYSTEM HD 37124. <i>Astrophysical Journal</i> , 2011, 730, 93.	1.6	85
106	A HOT JUPITER ORBITING THE 1.7 M_{\odot} SUBGIANT HD 102956. <i>Astrophysical Journal Letters</i> , 2010, 721, L153-L157.	3.0	84
107	LHS 6343 C: A TRANSITING FIELD BROWN DWARF DISCOVERED BY THE KEPLER MISSION. <i>Astrophysical Journal</i> , 2011, 730, 79.	1.6	84
108	ORBITAL ORIENTATIONS OF EXOPLANETS: HAT-P-4b IS PROGRADE AND HAT-P-14b IS RETROGRADE. <i>Astronomical Journal</i> , 2011, 141, 63.	1.9	84

#	ARTICLE	IF	CITATIONS
109	K2 DISCOVERS A BUSY BEE: AN UNUSUAL TRANSITING NEPTUNE FOUND IN THE BEEHIVE CLUSTER. <i>Astronomical Journal</i> , 2016, 152, 223.	1.9	84
110	The Jupiter Twin HD 154345b. <i>Astrophysical Journal</i> , 2008, 683, L63-L66.	1.6	83
111	<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
112	DISCOVERY AND ATMOSPHERIC CHARACTERIZATION OF GIANT PLANET KEPLER-12b: AN INFLATED RADIUS OUTLIER. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 9.	3.0	82
113	K2-97b: A (RE-?)INFLATED PLANET ORBITING A RED GIANT STAR. <i>Astronomical Journal</i> , 2016, 152, 185.	1.9	82
114	HAT-P-34b-HAT-P-37b: FOUR TRANSITING PLANETS MORE MASSIVE THAN JUPITER ORBITING MODERATELY BRIGHT STARS. <i>Astronomical Journal</i> , 2012, 144, 19.	1.9	81
115	The 55 Cancri planetary system: fully self-consistent N-body constraints and a dynamical analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 442-451.	1.6	81
116	K2-136: A Binary System in the Hyades Cluster Hosting a Neptune-sized Planet. <i>Astronomical Journal</i> , 2018, 155, 10.	1.9	80
117	THE DYNAMICAL MASS AND THREE-DIMENSIONAL ORBIT OF HR7672B: A BENCHMARK BROWN DWARF WITH HIGH ECCENTRICITY. <i>Astrophysical Journal</i> , 2012, 751, 97.	1.6	79
118	Seeing Double with K2: Testing Re-inflation with Two Remarkably Similar Planets around Red Giant Branch Stars. <i>Astronomical Journal</i> , 2017, 154, 254.	1.9	79
119	$N < \frac{M_{\text{isotones}}}{M_{\text{Jup}}} < 30$ Isotones $\text{Ca} < 50$ and $\text{Ca} < 40$	2.9	78
120	HAT-P-30b: A TRANSITING HOT JUPITER ON A HIGHLY OBLIQUE ORBIT. <i>Astrophysical Journal</i> , 2011, 735, 24.	1.6	78
121	DETECTION OF STARS WITHIN ~ 0.8 OF Kepler OBJECTS OF INTEREST. <i>Astronomical Journal</i> , 2015, 149, 18.	1.9	78
122	Occurrence and core-envelope structure of $1 \leq \frac{M_p}{M_{\text{Earth}}} < 4$ Earth-size planets around Sun-like stars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12655-12660.	3.3	77
123	Sedimentology and climatic environment of alluvial fans in the martian Saheki crater and a comparison with terrestrial fans in the Atacama Desert. <i>Icarus</i> , 2014, 229, 131-156.	1.1	77
124	THE RED SUPERGIANT PROGENITOR OF SUPERNOVA 2012aw (PTF12bvh) IN MESSIER 95. <i>Astrophysical Journal</i> , 2012, 756, 131.	1.6	76
125	$S < 124 < 132 < S < 40 < 48 < \text{Ca} < 40$	1.1	76
126	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2018, 155, 57.	1.9	76

#	ARTICLE	IF	CITATIONS
127	SPIN-ORBIT ALIGNMENT FOR THE CIRCUMBINARY PLANET HOST KEPLER-16 A. <i>Astrophysical Journal Letters</i> , 2011, 741, L1.	3.0	75
128	Warm ice giant GJ 3470b - II. Revised planetary and stellar parameters from optical to near-infrared transit photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1810-1820.	1.6	75
129	TWO TRANSITING EARTH-SIZE PLANETS NEAR RESONANCE ORBITING A NEARBY COOL STAR. <i>Astrophysical Journal</i> , 2015, 811, 102.	1.6	75
130	THE NASA-UC ETA-EARTH PROGRAM. II. A PLANET ORBITING HD 156668 WITH A MINIMUM MASS OF FOUR EARTH MASSES. <i>Astrophysical Journal</i> , 2011, 726, 73.	1.6	74
131	WASP-12b AND HAT-P-8b ARE MEMBERS OF TRIPLE STAR SYSTEMS. <i>Astrophysical Journal</i> , 2014, 788, 2.	1.6	74
132	REVISED MASSES AND DENSITIES OF THE PLANETS AROUND KEPLER-10*. <i>Astrophysical Journal</i> , 2016, 819, 83.	1.6	74
133	THE DISCOVERY OF HD 37605 <i>c</i> AND A DISPOSITIVE NULL DETECTION OF TRANSITS OF HD 37605 <i>b</i> . <i>Astrophysical Journal</i> , 2012, 761, 46.	1.6	73
134	HAT-P-65b AND HAT-P-66b: TWO TRANSITING INFLATED HOT JUPITERS AND OBSERVATIONAL EVIDENCE FOR THE REINFLATION OF CLOSE-IN GIANT PLANETS*. <i>Astronomical Journal</i> , 2016, 152, 182.	1.9	73
135	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	1.9	72
136	Assessing the Effect of Stellar Companions from High-resolution Imaging of Kepler Objects of Interest. <i>Astronomical Journal</i> , 2017, 153, 117.	1.9	71
137	Absence of a Metallicity Effect for Ultra-short-period Planets [*] . <i>Astronomical Journal</i> , 2017, 154, 60.	1.9	71
138	RADIAL VELOCITY MONITORING OF KEPLER HEARTBEAT STARS*. <i>Astrophysical Journal</i> , 2016, 829, 34.	1.6	70
139	A unicorn in monoceros: the 3 \hat{a} €%M \hat{a} Š™ dark companion to the bright, nearby red giant V723 Mon is a non-interacting, mass-gap black hole candidate. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2577-2602.	1.6	70
140	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	13.7	69
141	HAT-P-14b: A 2.2 <i>M_J</i> EXOPLANET TRANSITING A BRIGHT F STAR. <i>Astrophysical Journal</i> , 2010, 715, 458-467.	1.6	67
142	HAT-P-17b,c: A TRANSITING, ECCENTRIC, HOT SATURN AND A LONG-PERIOD, COLD JUPITER. <i>Astrophysical Journal</i> , 2012, 749, 134.	1.6	67
143	MULTIWAVELENGTH OBSERVATIONS OF THE CANDIDATE DISINTEGRATING SUB-MERCURY KIC 12557548B, ,. <i>Astrophysical Journal</i> , 2014, 786, 100.	1.6	66
144	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

#	ARTICLE	IF	CITATIONS
145	TWO EXOPLANETS DISCOVERED AT KECK OBSERVATORY. <i>Astrophysical Journal</i> , 2009, 702, 989-997.	1.6	65
146	HAT-P-10b: A LIGHT AND MODERATELY HOT JUPITER TRANSITING A K DWARF. <i>Astrophysical Journal</i> , 2009, 696, 1950-1955.	1.6	64
147	M2K: I. A Jupiter-Mass Planet Orbiting the M3V Star HIP 794311. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 156-161.	1.0	64
148	HAT-P-57b: A SHORT-PERIOD GIANT PLANET TRANSITING A BRIGHT RAPIDLY ROTATING A8V STAR CONFIRMED VIA DOPPLER TOMOGRAPHY. <i>Astronomical Journal</i> , 2015, 150, 197.	1.9	64
149	CHARACTERIZING THE COOL KOIs. V. KOI-256: A MUTUALLY ECLIPSING POST-COMMON ENVELOPE BINARY. <i>Astrophysical Journal</i> , 2013, 767, 111.	1.6	63
150	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. I. THREE BENCHMARK M DWARFS ORBITING SOLAR-TYPE STARS. <i>Astrophysical Journal</i> , 2012, 761, 39.	1.6	62
151	THE PHOTOECCENTRIC EFFECT AND PROTO-HOT JUPITERS. II. KOI-1474.01, A CANDIDATE ECCENTRIC PLANET PERTURBED BY AN UNSEEN COMPANION. <i>Astrophysical Journal</i> , 2012, 761, 163.	1.6	62
152	THREE SUPER-EARTHS ORBITING HD 7924. <i>Astrophysical Journal</i> , 2015, 805, 175.	1.6	62
153	Planet Candidates from K2 Campaigns 5â€“8 and Follow-up Optical Spectroscopy. <i>Astronomical Journal</i> , 2018, 155, 21.	1.9	62
154	CHARACTERIZING THE ORBITAL AND DYNAMICAL STATE OF THE HD 82943 PLANETARY SYSTEM WITH KECK RADIAL VELOCITY DATA. <i>Astrophysical Journal</i> , 2013, 777, 101.	1.6	61
155	RADIAL VELOCITY VARIATIONS OF PHOTOMETRICALLY QUIET, CHROMOSPHERICALLY INACTIVE <i>KEPLER</i> STARS: A LINK BETWEEN RV JITTER AND PHOTOMETRIC FLICKER. <i>Astronomical Journal</i> , 2014, 147, 29.	1.9	61
156	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
157	Constraints on the Obliquities of Kepler Planet-hosting Stars. <i>Astronomical Journal</i> , 2017, 154, 270.	1.9	61
158	A Warm Jupiter-sized Planet Transiting the Pre-main-sequence Star V1298 Tau. <i>Astronomical Journal</i> , 2019, 158, 79.	1.9	61
159	K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities. <i>Astronomical Journal</i> , 2017, 153, 271.	1.9	60
160	FIVE PLANETS AND AN INDEPENDENT CONFIRMATION OF HD 196885Ab FROM LICK OBSERVATORY. <i>Astrophysical Journal</i> , 2009, 703, 1545-1556.	1.6	59
161	A LOW STELLAR OBLIQUITY FOR WASP-47, A COMPACT MULTIPLANET SYSTEM WITH A HOT JUPITER AND AN ULTRA-SHORT PERIOD PLANET. <i>Astrophysical Journal Letters</i> , 2015, 812, L11.	3.0	59
162	HAT-P-11: Discovery of a Second Planet and a Clue to Understanding Exoplanet Obliquities. <i>Astronomical Journal</i> , 2018, 155, 255.	1.9	59

#	ARTICLE	IF	CITATIONS
163	EVIDENCE FOR THE DIRECT DETECTION OF THE THERMAL SPECTRUM OF THE NON-TRANSITING HOT GAS GIANT HD 88133 b. <i>Astrophysical Journal</i> , 2016, 832, 131.	1.6	59
164	Warm ice giant GJ 3470b. <i>Astronomy and Astrophysics</i> , 2013, 559, A33.	2.1	58
165	NEW PLEIADES ECLIPSING BINARIES AND A HYADES TRANSITING SYSTEM IDENTIFIED BY K2. <i>Astronomical Journal</i> , 2016, 151, 112.	1.9	58
166	THE ORBIT AND MASS OF THE THIRD PLANET IN THE KEPLER-56 SYSTEM. <i>Astronomical Journal</i> , 2016, 152, 165.	1.9	58
167	HAT-P-15b: A 10.9 DAY EXTRASOLAR PLANET TRANSITING A SOLAR-TYPE STAR. <i>Astrophysical Journal</i> , 2010, 724, 866-877.	1.6	57
168	HAT-P-27b: A HOT JUPITER TRANSITING A G STAR ON A 3 DAY ORBIT. <i>Astrophysical Journal</i> , 2011, 734, 109.	1.6	57
169	K2-137 b: an Earth-sized planet in a 4.3-h orbit around an M-dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5523-5533.	1.6	56
170	WARM SPITZER AND PALOMAR NEAR-IR SECONDARY ECLIPSE PHOTOMETRY OF TWO HOT JUPITERS: WASP-48b AND HAT-P-23b. <i>Astrophysical Journal</i> , 2014, 781, 109.	1.6	55
171	THE KEPLER-454 SYSTEM: A SMALL, NOT-ROCKY INNER PLANET, A JOVIAN WORLD, AND A DISTANT COMPANION. <i>Astrophysical Journal</i> , 2016, 816, 95.	1.6	55
172	New Insights on Planet Formation in WASP-47 from a Simultaneous Analysis of Radial Velocities and Transit Timing Variations. <i>Astronomical Journal</i> , 2017, 153, 265.	1.9	55
173	KELT-6b: A 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
174	Initial results from Harvard all-sky optical SETI. <i>Acta Astronautica</i> , 2007, 61, 78-87.	1.7	53
175	A PROGRADE, LOW-INCLINATION ORBIT FOR THE VERY HOT JUPITER WASP-3b. <i>Astrophysical Journal</i> , 2010, 715, 421-428.	1.6	53
176	HAT-P-25b: A HOT-JUPITER TRANSITING A MODERATELY FAINT G STAR. <i>Astrophysical Journal</i> , 2012, 745, 80.	1.6	53
177	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
178	Sixty Validated Planets from K2 Campaigns 5-8. <i>Astronomical Journal</i> , 2018, 156, 277.	1.9	53
179	Deep Exploration of Υ Eridani with Keck Ms-band Vortex Coronagraphy and Radial Velocities: Mass and Orbital Parameters of the Giant Exoplanet*. <i>Astronomical Journal</i> , 2019, 157, 33.	1.9	53
180	TESTS OF THE PLANETARY HYPOTHESIS FOR PTFO 8-8695b. <i>Astrophysical Journal</i> , 2015, 812, 48.	1.6	52

#	ARTICLE	IF	CITATIONS
181	<i>SPITZER</i> SECONDARY ECLIPSE OBSERVATIONS OF FIVE COOL GAS GIANT PLANETS AND EMPIRICAL TRENDS IN COOL PLANET EMISSION SPECTRA. <i>Astrophysical Journal</i> , 2015, 810, 118.	1.6	52
182	THE CALIFORNIA PLANET SURVEY IV: A PLANET ORBITING THE GIANT STAR HD 145934 AND UPDATES TO SEVEN SYSTEMS WITH LONG-PERIOD PLANETS. <i>Astrophysical Journal</i> , 2015, 800, 22.	1.6	52
183	Stellar Spin-Orbit Alignment for Kepler-9, a Multi-transiting Planetary System with Two Outer Planets Near 2:1 Resonance. <i>Astronomical Journal</i> , 2018, 155, 70.	1.9	52
184	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. <i>Astronomical Journal</i> , 2017, 153, 255.	1.9	51
185	The Type II-plateau Supernova 2017eaw in NGC 6946 and Its Red Supergiant Progenitor. <i>Astrophysical Journal</i> , 2019, 875, 136.	1.6	51
186	The California-Kepler Survey. X. The Radius Gap as a Function of Stellar Mass, Metallicity, and Age. <i>Astronomical Journal</i> , 2022, 163, 179.	1.9	51
187	HAT-P-28b AND HAT-P-29b: TWO SUB-JUPITER MASS TRANSITING PLANETS. <i>Astrophysical Journal</i> , 2011, 733, 116.	1.6	50
188	TWO TRANSITING LOW DENSITY SUB-SATURNS FROM K2. <i>Astrophysical Journal</i> , 2016, 818, 36.	1.6	50
189	The California-Kepler Survey. VIII. Eccentricities of Kepler Planets and Tentative Evidence of a High-metallicity Preference for Small Eccentric Planets. <i>Astronomical Journal</i> , 2019, 157, 198.	1.9	50
190	Effects of Hydrogen Bonding on Vibrational Normal Modes of Pyrimidine. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6803-6810.	1.1	49
191	K2-231 b: A Sub-Neptune Exoplanet Transiting a Solar Twin in Ruprecht 147. <i>Astronomical Journal</i> , 2018, 155, 173.	1.9	49
192	HAT-P-38b: A Saturn-Mass Planet Transiting a Late G Star. <i>Publication of the Astronomical Society of Japan</i> , 2012, 64, .	1.0	48
193	A HIGH-ECCENTRICITY COMPONENT IN THE DOUBLE-PLANET SYSTEM AROUND HD 163607 AND A PLANET AROUND HD 164509. <i>Astrophysical Journal</i> , 2012, 744, 4.	1.6	48
194	HAT-P-44b, HAT-P-45b, AND HAT-P-46b: THREE TRANSITING HOT JUPITERS IN POSSIBLE MULTI-PLANET SYSTEMS. <i>Astronomical Journal</i> , 2014, 147, 128.	1.9	48
195	HATS-7b: A HOT SUPER NEPTUNE TRANSITING A QUIET K DWARF STAR. <i>Astrophysical Journal</i> , 2015, 813, 111.	1.6	48
196	NEWLY DISCOVERED PLANETS ORBITING HD 5319, HD 11506, HD 75784 AND HD 10442 FROM THE N2K CONSORTIUM. <i>Astrophysical Journal</i> , 2015, 799, 89.	1.6	48
197	SPITZER OBSERVATIONS OF EXOPLANETS DISCOVERED WITH THE KEPLER K2 MISSION. <i>Astrophysical Journal</i> , 2016, 822, 39.	1.6	48
198	HATS-8b: A LOW-DENSITY TRANSITING SUPER-NEPTUNE. <i>Astronomical Journal</i> , 2015, 150, 49.	1.9	47

#	ARTICLE	IF	CITATIONS
199	KELT-4Ab: AN INFLATED HOT JUPITER TRANSITING THE BRIGHT ($V < i>V < /i> \hat{=} 10$) COMPONENT OF A HIERARCHICAL TRIPLE. <i>Astronomical Journal</i> , 2016, 151, 45.	1.9	46
200	Chromospheric Activity of HAT-P-11: An Unusually Active Planet-hosting K Star. <i>Astrophysical Journal</i> , 2017, 848, 58.	1.6	46
201	Three Statistically Validated K2 Transiting Warm Jupiter Exoplanets Confirmed as Low-mass Stars. <i>Astrophysical Journal Letters</i> , 2017, 847, L18.	3.0	46
202	M2K. II. A TRIPLE-PLANET SYSTEM ORBITING HIP 57274. <i>Astrophysical Journal</i> , 2012, 745, 21.	1.6	45
203	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. V. DISCOVERY OF AN OLD AND COLD BENCHMARK T-DWARF ORBITING THE NEARBY G-STAR HD 19467. <i>Astrophysical Journal</i> , 2014, 781, 29.	1.6	45
204	MASS CONSTRAINTS OF THE WASP-47 PLANETARY SYSTEM FROM RADIAL VELOCITIES. <i>Astronomical Journal</i> , 2017, 153, 70.	1.9	45
205	Updated Parameters and a New Transmission Spectrum of HD 97658b. <i>Astronomical Journal</i> , 2020, 159, 239.	1.9	45
206	Multiwavelength observations of the energetic GRB 080810: detailed mapping of the broad-band spectral evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 134-146.	1.6	44
207	THE STELLAR OBLIQUITY AND THE LONG-PERIOD PLANET IN THE HAT-P-17 EXOPLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2013, 772, 80.	1.6	44
208	HAT-P-50b, HAT-P-51b, HAT-P-52b, AND HAT-P-53b: THREE TRANSITING HOT JUPITERS AND A TRANSITING HOT SATURN FROM THE HATNET SURVEY. <i>Astronomical Journal</i> , 2015, 150, 168.	1.9	44
209	THREE TEMPERATE NEPTUNES ORBITING NEARBY STARS*. <i>Astrophysical Journal</i> , 2016, 830, 46.	1.6	44
210	Validation of Small Kepler Transiting Planet Candidates in or near the Habitable Zone. <i>Astronomical Journal</i> , 2017, 154, 264.	1.9	44
211	PRECISE DOPPLER MONITORING OF BARNARD'S STAR. <i>Astrophysical Journal</i> , 2013, 764, 131.	1.6	43
212	Orbit and Dynamical Mass of the Late-T Dwarf GL 758 B*. <i>Astronomical Journal</i> , 2018, 155, 159.	1.9	43
213	Old, Rich, and Eccentric: Two Jovian Planets Orbiting Evolved Metal-Rich Stars ¹ . <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 613-620.	1.0	42
214	A THIRD GIANT PLANET ORBITING HIP 14810. <i>Astrophysical Journal</i> , 2009, 699, L97-L101.	1.6	42
215	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. III. A FAINT WHITE DWARF COMPANION ORBITING HD 114174. <i>Astrophysical Journal</i> , 2013, 774, 1.	1.6	42
216	A Transient Transit Signature Associated with the Young Star RIK-210. <i>Astrophysical Journal</i> , 2017, 835, 168.	1.6	42

#	ARTICLE	IF	CITATIONS
217	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
218	A SEARCH FOR THE TRANSIT OF HD 168443b: IMPROVED ORBITAL PARAMETERS AND PHOTOMETRY. <i>Astrophysical Journal</i> , 2011, 743, 162.	1.6	41
219	HAT-P-54b: A HOT JUPITER TRANSITING A 0.64 M_{\odot} STAR IN FIELD OF THE K2 MISSION. <i>Astronomical Journal</i> , 2015, 149, 149.	1.9	41
220	No Difference in Orbital Parameters of RV-detected Giant Planets between 0.1 and 5 au in Single versus Multi-stellar Systems. <i>Astronomical Journal</i> , 2017, 153, 242.	1.9	41
221	THE HD 192263 SYSTEM: PLANETARY ORBITAL PERIOD AND STELLAR VARIABILITY DISENTANGLED. <i>Astrophysical Journal</i> , 2012, 754, 37.	1.6	40
222	A HIGH OBLIQUITY ORBIT FOR THE HOT-JUPITER HATS-14b TRANSITING A 5400 K STAR. <i>Astrophysical Journal Letters</i> , 2015, 814, L16.	3.0	40
223	The California-Kepler Survey. VI. Kepler Multis and Singles Have Similar Planet and Stellar Properties Indicating a Common Origin. <i>Astronomical Journal</i> , 2018, 156, 254.	1.9	40
224	HOST STAR PROPERTIES AND TRANSIT EXCLUSION FOR THE HD 38529 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2013, 768, 155.	1.6	39
225	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
226	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. VI. DISCOVERY OF A MASS, AGE, AND METALLICITY BENCHMARK BROWN DWARF. <i>Astrophysical Journal</i> , 2016, 831, 136.	1.6	38
227	WASP-107b's Density Is Even Lower: A Case Study for the Physics of Planetary Gas Envelope Accretion and Orbital Migration. <i>Astronomical Journal</i> , 2021, 161, 70.	1.9	38
228	HAT-P-24b: AN INFLATED HOT JUPITER ON A 3.36 DAY PERIOD TRANSITING A HOT, METAL-POOR STAR. <i>Astrophysical Journal</i> , 2010, 725, 2017-2028.	1.6	37
229	AN UNDERSTANDING OF THE SHOULDER OF GIANTS: JOVIAN PLANETS AROUND LATE K DWARF STARS AND THE TREND WITH STELLAR MASS. <i>Astrophysical Journal</i> , 2013, 771, 18.	1.6	36
230	K2-114b and K2-115b: Two Transiting Warm Jupiters. <i>Astronomical Journal</i> , 2017, 154, 188.	1.9	36
231	KIC 8164262: a heartbeat star showing tidally induced pulsations with resonant locking. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5165-5176.	1.6	36
232	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. <i>Astronomical Journal</i> , 2019, 157, 97.	1.9	36
233	KELT-12b: A $\sim 1/4$ day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star. <i>Astronomical Journal</i> , 2017, 153, 178.	1.9	35
234	Photodynamical analysis of the triply eclipsing hierarchical triple system EPIC 249432662. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1934-1951.	1.6	34

#	ARTICLE	IF	CITATIONS
235	NONDETECTION OF THE NEPTUNE-MASS PLANET REPORTED AROUND GJ 176. <i>Astrophysical Journal</i> , 2009, 691, 1738-1743.	1.6	33
236	An HST/STIS Optical Transmission Spectrum of Warm Neptune GJ 436b. <i>Astronomical Journal</i> , 2018, 155, 66.	1.9	33
237	Long-period Giant Companions to Three Compact, Multiplanet Systems. <i>Astronomical Journal</i> , 2019, 157, 145.	1.9	33
238	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
239	The Factory and the Beehive. III. PTFEB132.707+19.810, A Low-mass Eclipsing Binary in Praesepe Observed by PTF and K2. <i>Astrophysical Journal</i> , 2017, 845, 72.	1.6	32
240	The Kepler Follow-up Observation Program. II. Stellar Parameters from Medium- and High-resolution Spectroscopy. <i>Astrophysical Journal</i> , 2018, 861, 149.	1.6	32
241	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
242	KPF: Keck Planet Finder. <i>Proceedings of SPIE</i> , 2016, , .	0.8	31
243	Astrophysical Insights into Radial Velocity Jitter from an Analysis of 600 Planet-search Stars. <i>Astronomical Journal</i> , 2020, 159, 235.	1.9	31
244	DETECTION OF A LOW-ECCENTRICITY AND SUPER-MASSIVE PLANET TO THE SUBGIANT HD 38801. <i>Astrophysical Journal</i> , 2010, 715, 550-553.	1.6	30
245	REFINED PROPERTIES OF THE HD 130322 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015, 803, 8.	1.6	30
246	KELT-18b: Puffy Planet, Hot Host, Probably Perturbed. <i>Astronomical Journal</i> , 2017, 153, 263.	1.9	30
247	HATS-50b through HATS-53b: Four Transiting Hot Jupiters Orbiting G-type Stars Discovered by the HATSouth Survey*. <i>Astronomical Journal</i> , 2018, 155, 79.	1.9	30
248	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
249	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. <i>Astronomical Journal</i> , 2020, 159, 151.	1.9	29
250	WASP-4 Is Accelerating toward the Earth. <i>Astrophysical Journal Letters</i> , 2020, 893, L29.	3.0	29
251	Understanding the Impacts of Stellar Companions on Planet Formation and Evolution: A Survey of Stellar and Planetary Companions within 25 pc. <i>Astronomical Journal</i> , 2021, 161, 134.	1.9	29
252	Investigation of a transiting planet candidate in Trumpler 37: An astroâ€œphysical false positive eclipsing spectroscopic binary star *. <i>Astronomische Nachrichten</i> , 2014, 335, 345-356.	0.6	27

#	ARTICLE	IF	CITATIONS
253	Do Close-in Giant Planets Orbiting Evolved Stars Prefer Eccentric Orbits?. <i>Astrophysical Journal Letters</i> , 2018, 861, L5.	3.0	27
254	The California Planet Survey. II. A Saturn-Mass Planet Orbiting the M Dwarf Gl 6491. <i>Publications of the Astronomical Society of the Pacific</i> , 0, , 100126084225007-000.	1.0	26
255	HAT-P-31b,c: A TRANSITING, ECCENTRIC, HOT JUPITER AND A LONG-PERIOD, MASSIVE THIRD BODY. <i>Astronomical Journal</i> , 2011, 142, 95.	1.9	26
256	NON-DETECTION OF PREVIOUSLY REPORTED TRANSITS OF HD 97658b WITH MOST PHOTOMETRY. <i>Astrophysical Journal Letters</i> , 2012, 759, L41.	3.0	26
257	LIMITS ON STELLAR COMPANIONS TO EXOPLANET HOST STARS WITH ECCENTRIC PLANETS. <i>Astrophysical Journal</i> , 2014, 785, 93.	1.6	26
258	HATS-15b and HATS-16b: Two Massive Planets Transiting Old G Dwarf Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 074401.	1.0	26
259	STELLAR ACTIVITY AND EXCLUSION OF THE OUTER PLANET IN THE HD 99492 SYSTEM. <i>Astrophysical Journal Letters</i> , 2016, 820, L5.	3.0	26
260	Radial Velocities from the N2K Project: Six New Cold Gas Giant Planets Orbiting HD 55696, HD 98736, HD 148164, HD 203473, and HD 211810. <i>Astronomical Journal</i> , 2018, 156, 213.	1.9	26
261	Identifying Young Kepler Planet Host Stars from Keck's HIRES Spectra of Lithium [*] . <i>Astrophysical Journal</i> , 2018, 855, 115.	1.6	26
262	Hot Stars with Kepler Planets Have High Obliquities*. <i>Astronomical Journal</i> , 2021, 161, 68.	1.9	25
263	The TESS's Keck 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
264	Transmission Spectroscopy for the Warm Sub-Neptune HD 3167c: Evidence for Molecular Absorption and a Possible High-metallicity Atmosphere. <i>Astronomical Journal</i> , 2021, 161, 18.	1.9	25
265	Planetary Candidates from K2 Campaign 16. <i>Astronomical Journal</i> , 2018, 156, 22.	1.9	24
266	Methods to mitigate injury to toddlers in near-side impact crashes. <i>Accident Analysis and Prevention</i> , 2008, 40, 1880-1892.	3.0	23
267	Discovery of a Transiting Adolescent Sub-Neptune Exoplanet with K2. <i>Astronomical Journal</i> , 2018, 156, 302.	1.9	23
268	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.	3.0	23
269	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
270	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 83-99.	1.6	23

#	ARTICLE	IF	CITATIONS
271	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	1.9	22
272	CHARACTERIZING THE COOL KOIs. VII. REFINED PHYSICAL PROPERTIES OF THE TRANSITING BROWN DWARF LHS 6343 C. <i>Astrophysical Journal</i> , 2015, 800, 134.	1.6	21
273	Three Small Planets Transiting the Bright Young Field Star K2-233. <i>Astronomical Journal</i> , 2018, 155, 222.	1.9	21
274	A <i>TESS</i> Dress Rehearsal: Planetary Candidates and Variables from <i>K2</i> Campaign 17. <i>Astrophysical Journal</i> , Supplement Series, 2018, 239, 5.	3.0	20
275	The Curious Case of KOI 4: Confirming Kepler's First Exoplanet Detection. <i>Astronomical Journal</i> , 2019, 157, 192.	1.9	20
276	Retired A Stars and Their Companions. VIII. 15 New Planetary Signals around Subgiants and Transit Parameters for California Planet Search Planets with Subgiant Hosts. <i>Astronomical Journal</i> , 2019, 157, 149.	1.9	20
277	Loose Ends for the Exomoon Candidate Host Kepler-1625b. <i>Astronomical Journal</i> , 2020, 159, 142.	1.9	20
278	Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au. <i>Astronomical Journal</i> , 2019, 158, 181.	1.9	20
279	The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c. <i>Astronomical Journal</i> , 2020, 160, 193.	1.9	20
280	TESS Giants Transiting Giants. II. The Hottest Jupiters Orbiting Evolved Stars. <i>Astronomical Journal</i> , 2022, 163, 120.	1.9	20
281	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. II. DIRECT DETECTION OF THE HD 8375 TERTIARY. <i>Astrophysical Journal</i> , 2013, 771, 46.	1.6	19
282	Stellar and Planetary Parameters for <i>K2</i> 's Late-type Dwarf Systems from C1 to C5. <i>Astrophysical Journal</i> , 2017, 837, 72.	1.6	19
283	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
284	SOLES I: The Spin-Orbit Alignment of <i>K2</i> -140 b. <i>Astronomical Journal</i> , 2021, 162, 182.	1.9	19
285	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
286	REVISED ORBIT AND TRANSIT EXCLUSION FOR HD 114762b. <i>Astrophysical Journal Letters</i> , 2011, 735, L41.	3.0	18
287	Six new rapidly oscillating Ap stars in the Kepler long-cadence data using super-Nyquist asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 18-36.	1.6	18
288	A SUBSTELLAR COMPANION IN A 1.3 yr NEARLY CIRCULAR ORBIT OF HD 16760. <i>Astrophysical Journal</i> , 2009, 703, 671-674.	1.6	17

#	ARTICLE	IF	CITATIONS
289	The spectrometer/telescope for imaging X-rays on board the ESA Solar Orbiter spacecraft. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 295-298.	0.7	17
290	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
291	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.	1.9	17
292	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.	1.9	17
293	Spitzer Transit Follow-up of Planet Candidates from the K2 Mission. Astronomical Journal, 2019, 157, 102.	1.9	16
294	K2-288Bb: A Small Temperate Planet in a Low-mass Binary System Discovered by Citizen Scientists. Astronomical Journal, 2019, 157, 40.	1.9	16
295	The TESS-Keck Survey: [*] Science Goals and Target Selection. Astronomical Journal, 2022, 163, 297.	1.9	16
296	Constraining Exoplanet Metallicities and Aerosols with the Contribution to ARIEL Spectroscopy of Exoplanets (CASE). Publications of the Astronomical Society of the Pacific, 2019, 131, 094401.	1.0	15
297	Planetesimals around stars with TESS (PAST) â€“ I. Transient dimming of a binary solar analogue at the end of the planet accretion era. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4465-4476.	1.6	15
298	California-Kepler Survey. IX. Revisiting the Minimum-mass Extrasolar Nebula with Precise Stellar Parameters. Astronomical Journal, 2020, 159, 247.	1.9	15
299	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
300	TWO STARS TWO WAYS: CONFIRMING A MICROLENSING BINARY LENS SOLUTION WITH A SPECTROSCOPIC MEASUREMENT OF THE ORBIT. Astrophysical Journal, 2016, 821, 121.	1.6	15
301	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.	1.9	14
302	IMPROVED ORBITAL PARAMETERS AND TRANSIT MONITORING FOR HD 156846b. Astrophysical Journal, 2011, 733, 28.	1.6	13
303	The TRENDS High-contrast Imaging Survey. VII. Discovery of a Nearby Sirius-like White Dwarf System (HD 169889). Astrophysical Journal, 2018, 864, 42.	1.6	13
304	Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14. Astronomical Journal, 2018, 156, 127.	1.9	13
305	Kepler-1656b: A Dense Sub-Saturn with an Extreme Eccentricity. Astronomical Journal, 2018, 156, 147.	1.9	13
306	K2-291b: A Rocky Super-Earth in a 2.2 day Orbit[*] â€“. Astronomical Journal, 2019, 157, 116.	1.9	13

#	ARTICLE	IF	CITATIONS
307	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
308	Kepler-167e as a Probe of the Formation Histories of Cold Giants with Inner Super-Earths. <i>Astrophysical Journal</i> , 2022, 926, 62.	1.6	13
309	A numerical investigation into the effect of CRS misuse on the injury potential of children in frontal and side impact crashes. <i>Accident Analysis and Prevention</i> , 2011, 43, 1438-1450.	3.0	12
310	Discovery of a White Dwarf Companion to HD 159062. <i>Astrophysical Journal</i> , 2019, 878, 50.	1.6	12
311	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.	1.9	12
312	Long-period Jovian Tilts the Orbits of Two sub-Neptunes Relative to Stellar Spin Axis in Kepler-129. <i>Astronomical Journal</i> , 2021, 162, 89.	1.9	12
313	K2-19b and c are in a 3:2 Commensurability but out of Resonance: A Challenge to Planet Assembly by Convergent Migration. <i>Astronomical Journal</i> , 2020, 159, 2.	1.9	12
314	Dynamical Packing in the Habitable Zone: The Case of Beta CVn. <i>Astronomical Journal</i> , 2020, 160, 81.	1.9	12
315	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021, 162, 215.	1.9	12
316	Optical SETI with NASA's Terrestrial Planet Finder. <i>Icarus</i> , 2001, 150, 163-167.	1.1	11
317	Stellar Companions to TESS Objects of Interest: A Test of Planet-Companion Alignment. <i>Astronomical Journal</i> , 2022, 163, 160.	1.9	11
318	HD 4915: A Maunder Minimum Candidate. <i>Astrophysical Journal Letters</i> , 2018, 863, L26.	3.0	10
319	Follow-Up and Validation of K2 and TESS Planetary Systems With Keck NIRC2 Adaptive Optics Imaging. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	10
320	Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827*. <i>Astronomical Journal</i> , 2021, 161, 47.	1.9	10
321	A COMPREHENSIVE CHARACTERIZATION OF THE 70 VIRGINIS PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015, 806, 60.	1.6	9
322	The Discovery of the Long-Period, Eccentric Planet Kepler-88 d and System Characterization with Radial Velocities and Photodynamical Analysis. <i>Astronomical Journal</i> , 2020, 159, 242.	1.9	9
323	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. III. A High Mass and Low Envelope Fraction for the Warm Neptune K2-55b*. <i>Astronomical Journal</i> , 2018, 156, 70.	1.9	8
324	The Full Kepler Phase Curve of the Eclipsing Hot White Dwarf Binary System KOI-964. <i>Astronomical Journal</i> , 2020, 159, 29.	1.9	8

#	ARTICLE	IF	CITATIONS
325	The TRENDS High-contrast Imaging Survey. VIII. Compendium of Benchmark Objects. <i>Astrophysical Journal</i> , 2020, 893, 27.	1.6	8
326	Ë Earth: A 3.14 day Earth-sized Planet from K2's Kitchen Served Warm by the SPECULOOS Team. <i>Astronomical Journal</i> , 2020, 160, 172.	1.9	8
327	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	1.9	8
328	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2018. <i>Astronomical Journal</i> , 2022, 163, 244.	1.9	8
329	Data-driven Spectroscopy of Cool Stars at High Spectral Resolution. <i>Astrophysical Journal</i> , 2019, 876, 68.	1.6	7
330	Two Planets Straddling the Habitable Zone of the Nearby K Dwarf Gl 414A. <i>Astronomical Journal</i> , 2021, 161, 86.	1.9	7
331	The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. <i>Astronomical Journal</i> , 2021, 162, 265.	1.9	7
332	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI-1246. <i>Astronomical Journal</i> , 2022, 163, 293.	1.9	7
333	Use of Rigid and Deformable Child Restraint Seats in Finite Element Simulations of Frontal Crashes. , O, , .		6
334	Analyzing glenohumeral torque-rotation response in vivo. <i>Clinical Biomechanics</i> , 2010, 25, 759-764.	0.5	6
335	<i>SPITZER</i> SEARCH FOR TRANSITS OF RADIAL VELOCITY DETECTED SUPER-EARTHS. <i>Astrophysical Journal</i> , 2014, 781, 103.	1.6	6
336	Validation and Initial Characterization of the Long-period Planet Kepler-1654 b. <i>Astronomical Journal</i> , 2018, 155, 158.	1.9	6
337	Speckle Imaging Characterization of Radial Velocity Exoplanet Systems. <i>Astronomical Journal</i> , 2021, 161, 123.	1.9	6
338	New high-precision orbital and physical parameters of the double-lined low-mass spectroscopic binary BY Draconis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 1285-1293.	1.6	5
339	The Effects of Telluric Contamination in Iodine-calibrated Precise Radial Velocities. <i>Astronomical Journal</i> , 2019, 158, 216.	1.9	5
340	HAT-P-58-64b: Seven Planets Transiting Bright Stars*. <i>Astronomical Journal</i> , 2021, 162, 7.	1.9	5
341	HD 207897 b: A dense sub-Neptune transiting a nearby and bright K-type star. <i>Astronomy and Astrophysics</i> , 2022, 658, A176.	2.1	5
342	Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-poor K Dwarf. <i>Astronomical Journal</i> , 2021, 162, 238.	1.9	5

#	ARTICLE	IF	CITATIONS
343	K2-99 revisited: a non-inflated warm Jupiter, and a temperate giant planet on a 522-d orbit around a subgiant. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5035-5049.	1.6	5
344	Kepler-1656b's Extreme Eccentricity: Signature of a Gentle Giant. Astronomical Journal, 2022, 163, 227.	1.9	5
345	Into the Depths: A New Activity Metric for High-precision Radial Velocity Measurements Based on Line Depth Variations. Astronomical Journal, 2022, 163, 260.	1.9	5
346	A 2 R _Å Planet Orbiting the Bright Nearby K Dwarf Wolf 503. Astronomical Journal, 2018, 156, 188.	1.9	4
347	An Asymmetric Eclipse Seen toward the Pre-main-sequence Binary System V928 Tau. Astronomical Journal, 2020, 160, 285.	1.9	4
348	Dynamical orbital evolution scenarios of the wide-orbit eccentric planet HR5183b. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3616-3625.	1.6	4
349	TOI-1268b: The youngest hot Saturn-mass transiting exoplanet. Astronomy and Astrophysics, 2022, 662, A107.	2.1	4
350	A Substellar Companion to a Hot Star in K2's Campaign 0 Field. Publications of the Astronomical Society of the Pacific, 2019, 131, 114402.	1.0	3
351	Some Bright Stars with Smooth Continua for Calibrating the Response of High-resolution Spectrographs. Research Notes of the AAS, 2018, 2, 44.	0.3	3
352	The Mass of the White Dwarf Companion in the Self-lensing Binary KOI-3278: Einstein versus Newton. Astrophysical Journal, 2019, 880, 33.	1.6	2
353	HAT-P-68b: A Transiting Hot Jupiter around a K5 Dwarf Star*. Astronomical Journal, 2021, 161, 64.	1.9	2
354	Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems. Astronomical Journal, 2020, 159, 197.	1.9	2
355	Following the TraCS of exoplanets with Pan-Planets: Wendelstein-1b and Wendelstein-2b. Astronomy and Astrophysics, 2020, 639, A130.	2.1	2
356	V488 Per Revisited: No Strong Mid-infrared Emission Features and No Evidence for Stellar/substellar Companions. Astrophysical Journal, 2021, 922, 75.	1.6	2
357	Confirmation of the Long-period Planet Orbiting Gliese 411 and the Detection of a New Planet Candidate. Astronomical Journal, 2022, 163, 218.	1.9	2
358	Challenges in the First All-sky Optical SETI. , 2006, , .		1
359	Robots and therapeutic play: Evaluation of a wireless interface device for interaction with a robot playmate. , 2012, 2012, 6475-8.		1
360	Pulsenet - A Parallel Flash Sampler and Digital Processor IC for Optical SETI. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
361	Initial Results from Harvard All-sky Optical SETI. , 2006, , .		0
362	The occurrence and the distribution of masses and radii of exoplanets. Proceedings of the International Astronomical Union, 2010, 6, 3-12.	0.0	0
363	Patterns of planet occurrence from Doppler and Kepler. , 2013, , .		0
364	Commentary: Letâ€™s send the DOE to Alpha Centauri. Physics Today, 2013, 66, 8-9.	0.3	0
365	Measuring the mass of Kepler-78b using nonparametric Gaussian process estimation. Proceedings of the International Astronomical Union, 2015, 11, 208-208.	0.0	0