

Howard Isaacson

List of Publications by Year in descending order

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Version: 2024-02-01

292
papers

28,306
citations

7568

77
h-index

7348

152
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295
all docs

295
docs citations

295
times ranked

7387
citing authors

#	ARTICLE	IF	CITATIONS
1	Kepler Planet-Detection Mission: Introduction and First Results. <i>Science</i> , 2010, 327, 977-980.	12.6	2,848
2	The California-Kepler Survey. III. A Gap in the Radius Distribution of Small Planets*. <i>Astronomical Journal</i> , 2017, 154, 109.	4.7	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.	7.7	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.	4.5	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.	7.7	823
6	An abundance of small exoplanets around stars with a wide range of metallicities. <i>Nature</i> , 2012, 486, 375-377.	27.8	546
7	The Occurrence and Mass Distribution of Close-in Super-Earths, Neptunes, and Jupiters. <i>Science</i> , 2010, 330, 653-655.	12.6	526
8	<i>KEPLER</i>'S FIRST ROCKY PLANET: KEPLER-10b. <i>Astrophysical Journal</i> , 2011, 729, 27.	4.5	473
9	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.	7.7	418
10	CHROMOSPHERIC ACTIVITY AND JITTER MEASUREMENTS FOR 2630 STARS ON THE CALIFORNIA PLANET SEARCH. <i>Astrophysical Journal</i> , 2010, 725, 875-885.	4.5	395
11	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. <i>Nature</i> , 2012, 481, 475-479.	27.8	385
12	Kepler-9: A System of Multiple Planets Transiting a Sun-Like Star, Confirmed by Timing Variations. <i>Science</i> , 2010, 330, 51-54.	12.6	339
13	THE CALIFORNIA PLANET SURVEY. I. FOUR NEW GIANT EXOPLANETS. <i>Astrophysical Journal</i> , 2010, 721, 1467-1481.	4.5	328
14	Planetary Candidates Observed by <i>Kepler</i>. VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 38.	7.7	316
15	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.	4.5	315
16	CHARACTERISTICS OF<i>KEPLER</i>PLANETARY CANDIDATES BASED ON THE FIRST DATA SET. <i>Astrophysical Journal</i> , 2011, 728, 117.	4.5	313
17	Kepler-47: A Transiting Circumbinary Multiplanet System. <i>Science</i> , 2012, 337, 1511-1514.	12.6	312
18	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.	4.5	277

#	ARTICLE	IF	CITATIONS
19	Revised Stellar Properties of Kepler Targets for the Q1-17 (DR25) Transit Detection Run. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 30.	7.7	263
20	Stellar Spin-Orbit Misalignment in a Multiplanet System. <i>Science</i> , 2013, 342, 331-334.	12.6	262
21	FUNDAMENTAL PROPERTIES OF <i>KEPLER</i> PLANET-CANDIDATE HOST STARS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2013, 767, 127.	4.5	259
22	THE MASS OF KOI-94d AND A RELATION FOR PLANET RADIUS, MASS, AND INCIDENT FLUX. <i>Astrophysical Journal</i> , 2013, 768, 14.	4.5	253
23	An Earth-Sized Planet in the Habitable Zone of a Cool Star. <i>Science</i> , 2014, 344, 277-280.	12.6	252
24	Three regimes of extrasolar planet radius inferred from host star metallicities. <i>Nature</i> , 2014, 509, 593-595.	27.8	249
25	The California-Kepler Survey. I. High-resolution Spectroscopy of 1305 Stars Hosting Kepler Transiting Planets [*] . <i>Astronomical Journal</i> , 2017, 154, 107.	4.7	249
26	The California-Kepler Survey. IV. Metal-rich Stars Host a Greater Diversity of Planets. <i>Astronomical Journal</i> , 2018, 155, 89.	4.7	249
27	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.	4.7	239
28	Highest Frequency Detection of FRB 121102 at 4 \times 8 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018, 863, 2.	4.5	226
29	Five Planets Orbiting 55 Cancri. <i>Astrophysical Journal</i> , 2008, 675, 790-801.	4.5	224
30	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	4.5	218
31	MODELING <i>KEPLER</i> TRANSIT LIGHT CURVES AS FALSE POSITIVES: REJECTION OF BLEND SCENARIOS FOR KEPLER-9, AND VALIDATION OF KEPLER-9 d, A SUPER-EARTH-SIZE PLANET IN A MULTIPLE SYSTEM. <i>Astrophysical Journal</i> , 2011, 727, 24.	4.5	215
32	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.	12.6	213
33	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.	4.5	209
34	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	27.8	193
35	KOI-54: THE <i>KEPLER</i> DISCOVERY OF TIDALLY EXCITED PULSATIONS AND BRIGHTENINGS IN A HIGHLY ECCENTRIC BINARY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 4.	7.7	192
36	197 CANDIDATES AND 104 VALIDATED PLANETS IN K2's FIRST FIVE FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 7.	7.7	177

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37	A rocky composition for an Earth-sized exoplanet. <i>Nature</i> , 2013, 503, 381-384.	27.8	172
38	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</i> , Supplement Series, 2011, 197, 7.	7.7	171
39	A FIRST COMPARISON OF KEPLER PLANET CANDIDATES IN SINGLE AND MULTIPLE SYSTEMS. <i>Astrophysical Journal Letters</i> , 2011, 732, L24.	8.3	167
40	AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170.	4.5	164
41	THE HOT-JUPITER KEPLER-17b: DISCOVERY, OBLIQUITY FROM STROBOSCOPIC STARSPOTS, AND ATMOSPHERIC CHARACTERIZATION. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 14.	7.7	162
42	A resonant chain of four transiting, sub-Neptune planets. <i>Nature</i> , 2016, 533, 509-512.	27.8	159
43	ASTEROSEISMIC DETERMINATION OF OBLIQUITIES OF THE EXOPLANET SYSTEMS KEPLER-50 AND KEPLER-65. <i>Astrophysical Journal</i> , 2013, 766, 101.	4.5	158
44	STATISTICS OF LONG PERIOD GAS GIANT PLANETS IN KNOWN PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 821, 89.	4.5	158
45	A Neptune-sized transiting planet closely orbiting a 5 \times 10-million-year-old star. <i>Nature</i> , 2016, 534, 658-661.	27.8	157
46	DISCOVERY AND VALIDATION OF Kepler-452b: A 1.6 R_{\oplus} SUPER EARTH EXOPLANET IN THE HABITABLE ZONE OF A G2 STAR. <i>Astronomical Journal</i> , 2015, 150, 56.	4.7	156
47	Transit timing observations from Kepler- III. Confirmation of four multiple planet systems by a Fourier-domain study of anticorrelated transit timing variations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2342-2354.	4.4	151
48	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. <i>Astrophysical Journal</i> , 2015, 804, 10.	4.5	149
49	The California-Kepler Survey. II. Precise Physical Properties of 2025 Kepler Planets and Their Host Stars [*] . <i>Astronomical Journal</i> , 2017, 154, 108.	4.7	149
50	ALL SIX PLANETS KNOWN TO ORBIT KEPLER-11 HAVE LOW DENSITIES. <i>Astrophysical Journal</i> , 2013, 770, 131.	4.5	145
51	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.	4.5	142
52	A wide star -- black-hole binary system from radial-velocity measurements. <i>Nature</i> , 2019, 575, 618-621.	27.8	142
53	THE OBLIQUE ORBIT OF THE SUPER-NEPTUNE HAT-P-11b. <i>Astrophysical Journal Letters</i> , 2010, 723, L223-L227.	8.3	137
54	RETIRED A STARS AND THEIR COMPANIONS. VII. 18 NEW JOVIAN PLANETS. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 26.	7.7	133

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55	THE KEPLER-19 SYSTEM: A TRANSITING 2.2 <i>R_J</i> PLANET AND A SECOND PLANET DETECTED VIA TRANSIT TIMING VARIATIONS. <i>Astrophysical Journal</i> , 2011, 743, 200.	4.5	130
56	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.	7.7	128
57	LOW STELLAR OBLIQUITIES IN COMPACT MULTIPLANET SYSTEMS. <i>Astrophysical Journal</i> , 2013, 771, 11.	4.5	126
58	KEPLER-20: A SUN-LIKE STAR WITH THREE SUB-NEPTUNE EXOPLANETS AND TWO EARTH-SIZE CANDIDATES. <i>Astrophysical Journal</i> , 2012, 749, 15.	4.5	125
59	KEPLER-21b: A 1.6 <i>R_{Earth}</i> PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. <i>Astrophysical Journal</i> , 2012, 746, 123.	4.5	124
60	THE NASA-UC ETA-EARTH PROGRAM. I. A SUPER-EARTH ORBITING HD 7924. <i>Astrophysical Journal</i> , 2009, 696, 75-83.	4.5	122
61	KEPLER-63b: A GIANT PLANET IN A POLAR ORBIT AROUND A YOUNG SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013, 775, 54.	4.5	122
62	VALIDATION OF 12 SMALL KEPLER TRANSITING PLANETS IN THE HABITABLE ZONE. <i>Astrophysical Journal</i> , 2015, 800, 99.	4.5	122
63	A DYNAMICAL ANALYSIS OF THE KEPLER-80 SYSTEM OF FIVE TRANSITING PLANETS. <i>Astronomical Journal</i> , 2016, 152, 105.	4.7	115
64	An Eccentric Hot Jupiter Orbiting the Subgiant HD 185269. <i>Astrophysical Journal</i> , 2006, 652, 1724-1728.	4.5	111
65	ATMOSPHERIC CHARACTERIZATION OF THE HOT JUPITER KEPLER-13Ab. <i>Astrophysical Journal</i> , 2014, 788, 92.	4.5	110
66	HAT-P-26b: A LOW-DENSITY NEPTUNE-MASS PLANET TRANSITING A K STAR. <i>Astrophysical Journal</i> , 2011, 728, 138.	4.5	109
67	The same frequency of planets inside and outside open clusters of stars. <i>Nature</i> , 2013, 499, 55-58.	27.8	108
68	The Breakthrough Listen Search for Intelligent Life: 1.1–1.9 GHz Observations of 692 Nearby Stars. <i>Astrophysical Journal</i> , 2017, 849, 104.	4.5	108
69	KEPLER-68: THREE PLANETS, ONE WITH A DENSITY BETWEEN THAT OF EARTH AND ICE GIANTS. <i>Astrophysical Journal</i> , 2013, 766, 40.	4.5	106
70	ELEVEN MULTIPLANET SYSTEMS FROM K2 CAMPAIGNS 1 AND 2 AND THE MASSES OF TWO HOT SUPER-EARTHS. <i>Astrophysical Journal</i> , 2016, 827, 78.	4.5	106
71	California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 14.	7.7	102
72	KEPLER-1647B: THE LARGEST AND LONGEST-PERIOD KEPLER TRANSITING CIRCUMBINARY PLANET. <i>Astrophysical Journal</i> , 2016, 827, 86.	4.5	101

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73	DISCOVERY AND ROSSITER-McLAUGHLIN EFFECT OF EXOPLANET KEPLER-8b. <i>Astrophysical Journal</i> , 2010, 724, 1108-1119.	4.5	100
74	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.	3.1	99
75	WHAT ASTEROSEISMOLOGY CAN DO FOR EXOPLANETS: KEPLER-410A b IS A SMALL NEPTUNE AROUND A BRIGHT STAR, IN AN ECCENTRIC ORBIT CONSISTENT WITH LOW OBLIQUITY. <i>Astrophysical Journal</i> , 2014, 782, 14.	4.5	98
76	The Breakthrough Listen Search for Intelligent Life: Target Selection of Nearby Stars and Galaxies. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 054501.	3.1	95
77	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1–7. <i>Astronomical Journal</i> , 2017, 154, 207.	4.7	95
78	TRANSIT TIMING OBSERVATIONS FROM KEPLER. II. CONFIRMATION OF TWO MULTIPLANET SYSTEMS VIA A NON-PARAMETRIC CORRELATION ANALYSIS. <i>Astrophysical Journal</i> , 2012, 750, 113.	4.5	94
79	Three’s Company: 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.	4.7	90
80	Four Sub-Saturns with Dissimilar Densities: Windows into Planetary Cores and Envelopes. <i>Astronomical Journal</i> , 2017, 153, 142.	4.7	87
81	THE NASA-LIC 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.	4.5	86
82	THE CALIFORNIA PLANET SURVEY. III. A POSSIBLE 2:1 RESONANCE IN THE EXOPLANETARY TRIPLE SYSTEM HD 37124. <i>Astrophysical Journal</i> , 2011, 730, 93.	4.5	85
83	A HOT JUPITER ORBITING THE 1.7 M_{\odot} SUBGIANT HD 102956. <i>Astrophysical Journal Letters</i> , 2010, 721, L153-L157.	8.3	84
84	K2 DISCOVERS A BUSY BEE: AN UNUSUAL TRANSITING NEPTUNE FOUND IN THE BEEHIVE CLUSTER. <i>Astronomical Journal</i> , 2016, 152, 223.	4.7	84
85	The Jupiter Twin HD 154345b. <i>Astrophysical Journal</i> , 2008, 683, L63-L66.	4.5	83
86	DISCOVERY AND ATMOSPHERIC CHARACTERIZATION OF GIANT PLANET KEPLER-12b: AN INFLATED RADIUS OUTLIER. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 9.	7.7	82
87	K2-97b: A (RE?)INFLATED PLANET ORBITING A RED GIANT STAR. <i>Astronomical Journal</i> , 2016, 152, 185.	4.7	82
88	K2-136: A Binary System in the Hyades Cluster Hosting a Neptune-sized Planet. <i>Astronomical Journal</i> , 2018, 155, 10.	4.7	80
89	THE DYNAMICAL MASS AND THREE-DIMENSIONAL ORBIT OF HR7672B: A BENCHMARK BROWN DWARF WITH HIGH ECCENTRICITY. <i>Astrophysical Journal</i> , 2012, 751, 97.	4.5	79
90	Seeing Double with K2: Testing Re-inflation with Two Remarkably Similar Planets around Red Giant Branch Stars. <i>Astronomical Journal</i> , 2017, 154, 254.	4.7	79

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91	DETECTION OF STARS WITHIN $\hat{\sim}1/40.8$ IN OF Kepler OBJECTS OF INTEREST. <i>Astronomical Journal</i> , 2015, 149, 18.	4.7	78
92	Occurrence and core-envelope structure of $1\hat{\sim}4\hat{\sim}$ 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.	7.1	77
93	Age Determination in Upper Scorpius with Eclipsing Binaries. <i>Astrophysical Journal</i> , 2019, 872, 161.	4.5	77
94	THE RED SUPERGIANT PROGENITOR OF SUPERNOVA 2012aw (PTF12bvh) IN MESSIER 95. <i>Astrophysical Journal</i> , 2012, 756, 131.	4.5	76
95	TWO TRANSITING EARTH-SIZE PLANETS NEAR RESONANCE ORBITING A NEARBY COOL STAR. <i>Astrophysical Journal</i> , 2015, 811, 102.	4.5	75
96	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.	4.5	74
97	REVISED MASSES AND DENSITIES OF THE PLANETS AROUND KEPLER-10*. <i>Astrophysical Journal</i> , 2016, 819, 83.	4.5	74
98	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.	4.5	73
99	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.	4.7	73
100	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
101	Absence of a Metallicity Effect for Ultra-short-period Planets [*] . <i>Astronomical Journal</i> , 2017, 154, 60.	4.7	71
102	A SUPER-EARTH-SIZED PLANET ORBITING IN OR NEAR THE HABITABLE ZONE AROUND A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013, 768, 101.	4.5	70
103	RADIAL VELOCITY MONITORING OF KEPLER HEARTBEAT STARS*. <i>Astrophysical Journal</i> , 2016, 829, 34.	4.5	70
104	An empirically derived three-dimensional Laplace resonance in the Gliese 876 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2484-2499.	4.4	70
105	A unicorn in monoceros: the $3\hat{\sim}\%$ $\hat{\sim}$ ™ 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.	4.4	70
106	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	27.8	69
107	The Breakthrough Listen Search for Intelligent Life: Observations of 1327 Nearby Stars Over 1.10 $\hat{\sim}$ 3.45 GHz. <i>Astronomical Journal</i> , 2020, 159, 86.	4.7	69
108	The Influence of Metallicity on Stellar Differential Rotation and Magnetic Activity. <i>Astrophysical Journal</i> , 2018, 852, 46.	4.5	67

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109	MULTIWAVELENGTH OBSERVATIONS OF THE CANDIDATE DISINTEGRATING SUB-MERCURY KIC 12557548B, „ Astrophysical Journal, 2014, 786, 100.	4.5	66
110	HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS. Astronomical Journal, 2019, 157, 51.	4.7	66
111	TWO EXOPLANETS DISCOVERED AT KECK OBSERVATORY. Astrophysical Journal, 2009, 702, 989-997.	4.5	65
112	M2K: I. A Jupiter-Mass Planet Orbiting the M3V Star HIP 794311. Publications of the Astronomical Society of the Pacific, 2010, 122, 156-161.	3.1	64
113	HAT-P-57b: A SHORT-PERIOD GIANT PLANET TRANSITING A BRIGHT RAPIDLY ROTATING A8V STAR CONFIRMED VIA DOPPLER TOMOGRAPHY. Astronomical Journal, 2015, 150, 197.	4.7	64
114	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. I. THREE BENCHMARK M DWARFS ORBITING SOLAR-TYPE STARS. Astrophysical Journal, 2012, 761, 39.	4.5	62
115	THREE SUPER-EARTHS ORBITING HD 7924. Astrophysical Journal, 2015, 805, 175.	4.5	62
116	Planet Candidates from K2 Campaigns 5â€“8 and Follow-up Optical Spectroscopy. Astronomical Journal, 2018, 155, 21.	4.7	62
117	KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the V = 8 Subgiant HD 93396. Astronomical Journal, 2017, 153, 215.	4.7	61
118	Constraints on the Obliquities of Kepler Planet-hosting Stars. Astronomical Journal, 2017, 154, 270.	4.7	61
119	A Warm Jupiter-sized Planet Transiting the Pre-main-sequence Star V1298 Tau. Astronomical Journal, 2019, 158, 79.	4.7	61
120	K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities. Astronomical Journal, 2017, 153, 271.	4.7	60
121	FIVE PLANETS AND AN INDEPENDENT CONFIRMATION OF HD 196885Ab FROM LICK OBSERVATORY. Astrophysical Journal, 2009, 703, 1545-1556.	4.5	59
122	A LOW STELLAR OBLIQUITY FOR WASP-47, A COMPACT MULTIPLANET SYSTEM WITH A HOT JUPITER AND AN ULTRA-SHORT PERIOD PLANET. Astrophysical Journal Letters, 2015, 812, L11.	8.3	59
123	Breakthrough Listen â€“ A new search for life in the universe. Acta Astronautica, 2017, 139, 98-101.	3.2	59
124	HAT-P-11: Discovery of a Second Planet and a Clue to Understanding Exoplanet Obliquities. Astronomical Journal, 2018, 155, 255.	4.7	59
125	EVIDENCE FOR THE DIRECT DETECTION OF THE THERMAL SPECTRUM OF THE NON-TRANSITING HOT GAS GIANT HD 88133 b. Astrophysical Journal, 2016, 832, 131.	4.5	59
126	NEW PLEIADES ECLIPSING BINARIES AND A HYADES TRANSITING SYSTEM IDENTIFIED BY K2. Astronomical Journal, 2016, 151, 112.	4.7	58

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127	THE ORBIT AND MASS OF THE THIRD PLANET IN THE KEPLER-56 SYSTEM. <i>Astronomical Journal</i> , 2016, 152, 165.	4.7	58
128	The Breakthrough Listen Search for Intelligent Life: A Wideband Data Recorder System for the Robert C. Byrd Green Bank Telescope. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 044502.	3.1	58
129	HAT-P-15b: A 10.9 DAY EXTRASOLAR PLANET TRANSITING A SOLAR-TYPE STAR. <i>Astrophysical Journal</i> , 2010, 724, 866-877.	4.5	57
130	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.	4.4	56
131	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.	4.7	55
132	HAT-P-67b: An Extremely Low Density Saturn Transiting an F-subgiant Confirmed via Doppler Tomography. <i>Astronomical Journal</i> , 2017, 153, 211.	4.7	54
133	Sixty Validated Planets from K2 Campaigns 5-8. <i>Astronomical Journal</i> , 2018, 156, 277.	4.7	53
134	Deep Exploration of μ 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.	4.7	53
135	TESTS OF THE PLANETARY HYPOTHESIS FOR PTFO 8-8695b. <i>Astrophysical Journal</i> , 2015, 812, 48.	4.5	52
136	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.	4.5	52
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