

Jon M Jenkins

List of Publications by Year in descending order

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358
papers

41,263
citations

2538

96
h-index

2940

189
g-index

366
all docs

366
docs citations

366
times ranked

7855
citing authors

#	ARTICLE	IF	CITATIONS
1	Kepler Planet-Detection Mission: Introduction and First Results. <i>Science</i> , 2010, 327, 977-980.	6.0	2,848
2	Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014, 1, 014003.	1.0	2,300
3	<i>KEPLER MISSION</i> DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. <i>Astrophysical Journal Letters</i> , 2010, 713, L79-L86.	3.0	941
4	The PLATO 2.0 mission. <i>Experimental Astronomy</i> , 2014, 38, 249-330.	1.6	912
5	THE FALSE POSITIVE RATE OF <i>KEPLER</i> AND THE OCCURRENCE OF PLANETS. <i>Astrophysical Journal</i> , 2013, 766, 81.	1.6	895
6	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
7	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
8	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
9	<i>Kepler</i> Presearch Data Conditioning II - A Bayesian Approach to Systematic Error Correction. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 1000-1014.	1.0	684
10	Kepler-16: A Transiting Circumbinary Planet. <i>Science</i> , 2011, 333, 1602-1606.	6.0	608
11	ARCHITECTURE AND DYNAMICS OF <i>KEPLER</i>'S CANDIDATE MULTIPLE TRANSITING PLANET SYSTEMS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 8.	3.0	593
12	Kepler Presearch Data Conditioning – Architecture and Algorithms for Error Correction in Kepler Light Curves. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 985-999.	1.0	582
13	Transiting Exoplanet Survey Satellite (TESS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	566
14	ARCHITECTURE OF <i>KEPLER</i>'S MULTI-TRANSITING SYSTEMS. II. NEW INVESTIGATIONS WITH TWICE AS MANY CANDIDATES. <i>Astrophysical Journal</i> , 2014, 790, 146.	1.6	536
15	OVERVIEW OF THE <i>KEPLER</i> SCIENCE PROCESSING PIPELINE. <i>Astrophysical Journal Letters</i> , 2010, 713, L87-L91.	3.0	527
16	The TESS science processing operations center. <i>Proceedings of SPIE</i> , 2016, , .	0.8	505
17	<i>KEPLER</i>'S FIRST ROCKY PLANET: KEPLER-10b. <i>Astrophysical Journal</i> , 2011, 729, 27.	1.6	473
18	Gravity modes as a way to distinguish between hydrogen- and helium-burning red giant stars. <i>Nature</i> , 2011, 471, 608-611.	13.7	465

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19	VALIDATION OF <i>KEPLER</i> 'S MULTIPLE PLANET CANDIDATES. III. LIGHT CURVE ANALYSIS AND ANNOUNCEMENT OF HUNDREDS OF NEW MULTI-PLANET SYSTEMS. <i>Astrophysical Journal</i> , 2014, 784, 45.	1.6	418
20	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
21	<i>KEPLER</i> ECLIPSING BINARY STARS. I. CATALOG AND PRINCIPAL CHARACTERIZATION OF 1879 ECLIPSING BINARIES IN THE FIRST DATA RELEASE. <i>Astronomical Journal</i> , 2011, 141, 83.	1.9	417
22	Multiscale Systematic Error Correction via Wavelet-Based Bandsplitting in <i>Kepler</i> Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 100-114.	1.0	398
23	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. <i>Nature</i> , 2012, 481, 475-479.	13.7	385
24	Kepler Asteroseismology Program: Introduction and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 131-143.	1.0	370
25	<i>KEPLER</i> ECLIPSING BINARY STARS. II. 2165 ECLIPSING BINARIES IN THE SECOND DATA RELEASE. <i>Astronomical Journal</i> , 2011, 142, 160.	1.9	358
26	Kepler-9: A System of Multiple Planets Transiting a Sun-Like Star, Confirmed by Timing Variations. <i>Science</i> , 2010, 330, 51-54.	6.0	339
27	Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities. <i>Science</i> , 2012, 337, 556-559.	6.0	335
28	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.	3.0	316
29	INITIAL CHARACTERISTICS OF <i>KEPLER</i> LONG CADENCE DATA FOR DETECTING TRANSITING PLANETS. <i>Astrophysical Journal Letters</i> , 2010, 713, L120-L125.	3.0	313
30	CHARACTERISTICS OF <i>KEPLER</i> PLANETARY CANDIDATES BASED ON THE FIRST DATA SET. <i>Astrophysical Journal</i> , 2011, 728, 117.	1.6	313
31	Kepler-47: A Transiting Circumbinary Multiplanet System. <i>Science</i> , 2012, 337, 1511-1514.	6.0	312
32	TERRESTRIAL PLANET OCCURRENCE RATES FOR THE <i>KEPLER</i> GK DWARF SAMPLE. <i>Astrophysical Journal</i> , 2015, 809, 8.	1.6	302
33	INITIAL CHARACTERISTICS OF <i>KEPLER</i> SHORT CADENCE DATA. <i>Astrophysical Journal Letters</i> , 2010, 713, L160-L163.	3.0	294
34	Ensemble Asteroseismology of Solar-Type Stars with the NASA Kepler Mission. <i>Science</i> , 2011, 332, 213-216.	6.0	267
35	ALMOST ALL OF <i>KEPLER</i> 'S MULTIPLE-PLANET CANDIDATES ARE PLANETS. <i>Astrophysical Journal</i> , 2012, 750, 112.	1.6	266
36	The Impact of Solar-like Variability on the Detectability of Transiting Terrestrial Planets. <i>Astrophysical Journal</i> , 2002, 575, 493-505.	1.6	251

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37	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . VI. PLANET SAMPLE FROM Q1â€™Q16 (47 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2015, 217, 31.	3.0	234
38	Preparation of <i>Kepler</i> light curves for asteroseismic analyses. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 414, L6-L10.	1.2	230
39	PLANETARY CANDIDATES OBSERVED BY KEPLER. VII. THE FIRST FULLY UNIFORM CATALOG BASED ON THE ENTIRE 48-MONTH DATA SET (Q1â€™Q17 DR24). <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 12.	3.0	223
40	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> IV: PLANET SAMPLE FROM Q1-Q8 (22 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 19.	3.0	222
41	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
42	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.	1.6	215
43	THE NEPTUNE-SIZED CIRCUMBINARY PLANET KEPLER-38b. <i>Astrophysical Journal</i> , 2012, 758, 87.	1.6	213
44	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
45	The Derivation, Properties, and Value of Keplerâ€™s Combined Differential Photometric Precision. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 1279-1287.	1.0	208
46	<i>Kepler</i>Data Validation lâ€™Architecture, Diagnostic Tests, and Data Products for Vetting Transiting Planet Candidates. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 064502.	1.0	206
47	SOLAR-LIKE OSCILLATIONS IN LOW-LUMINOSITY RED GIANTS: FIRST RESULTS FROM <i>KEPLER</i>. <i>Astrophysical Journal Letters</i> , 2010, 713, L176-L181.	3.0	203
48	KOI-126: A Triply Eclipsing Hierarchical Triple with Two Low-Mass Stars. <i>Science</i> , 2011, 331, 562-565.	6.0	203
49	THE KEPLER CLUSTER STUDY: STELLAR ROTATION IN NGC 6811. <i>Astrophysical Journal Letters</i> , 2011, 733, L9.	3.0	200
50	TRANSIT TIMING OBSERVATIONS FROM<i>KEPLER</i>. IV. CONFIRMATION OF FOUR MULTIPLE-PLANET SYSTEMS BY SIMPLE PHYSICAL MODELS. <i>Astrophysical Journal</i> , 2012, 750, 114.	1.6	199
51	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	13.7	193
52	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.	3.0	192
53	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	3.0	190
54	Kepler Detected Gravity-Mode Period Spacings in a Red Giant Star. <i>Science</i> , 2011, 332, 205-205.	6.0	187

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55	PHOTOMETRIC VARIABILITY IN <i>KEPLER</i> TARGET STARS. II. AN OVERVIEW OF AMPLITUDE, PERIODICITY, AND ROTATION IN FIRST QUARTER DATA. <i>Astronomical Journal</i> , 2011, 141, 20.	1.9	187
56	Alignment of the stellar spin with the orbits of a three-planet system. <i>Nature</i> , 2012, 487, 449-453.	13.7	184
57	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , 2020, 159, 60.	1.9	184
58	HYBRID β DORADUS- γ SCUTI PULSATORS: NEW INSIGHTS INTO THE PHYSICS OF THE OSCILLATIONS FROM <i>KEPLER</i> OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2010, 713, L192-L197.	3.0	179
59	<i>KEPLER</i> MISSION STELLAR AND INSTRUMENT NOISE PROPERTIES. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 6.	3.0	175
60	Transit timing observations from Kepler VII. Confirmation of 27 planets in 13 multiplanet systems via transit timing variations and orbital stability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1077-1087.	1.6	174
61	Two Earth-sized planets orbiting Kepler-20. <i>Nature</i> , 2012, 482, 195-198.	13.7	172
62	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
63	<i>Kepler</i> Data Validation II—Transit Model Fitting and Multiple-planet Search. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 024506.	1.0	169
64	ASTEROSEISMOLOGY OF RED GIANTS FROM THE FIRST FOUR MONTHS OF <i>KEPLER</i> DATA: GLOBAL OSCILLATION PARAMETERS FOR 800 STARS. <i>Astrophysical Journal</i> , 2010, 723, 1607-1617.	1.6	168
65	A FIRST COMPARISON OF KEPLER PLANET CANDIDATES IN SINGLE AND MULTIPLE SYSTEMS. <i>Astrophysical Journal Letters</i> , 2011, 732, L24.	3.0	167
66	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . V. PLANET SAMPLE FROM Q1—Q12 (36 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2015, 217, 16.	3.0	166
67	THE HOT-JUPITER KEPLER-17b: DISCOVERY, OBLIQUITY FROM STROBOSCOPIC STARSPOTS, AND ATMOSPHERIC CHARACTERIZATION. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 14.	3.0	162
68	Some Tests to Establish Confidence in Planets Discovered by Transit Photometry. <i>Astrophysical Journal</i> , 2002, 564, 495-507.	1.6	158
69	WHITE-LIGHT FLARES ON COOL STARS IN THE <i>KEPLER</i> QUARTER 1 DATA. <i>Astronomical Journal</i> , 2011, 141, 50.	1.9	157
70	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.	1.9	156
71	THE <i>KEPLER</i> PIXEL RESPONSE FUNCTION. <i>Astrophysical Journal Letters</i> , 2010, 713, L97-L102.	3.0	151
72	Transit timing observations from Kepler f- 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.	1.6	151

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73	Transiting planet search in the Kepler pipeline. Proceedings of SPIE, 2010, , .	0.8	149
74	TESS Discovery of a Transiting Super-Earth in the pi Mensae System. Astrophysical Journal Letters, 2018, 868, L39.	3.0	148
75	PHOTOMETRIC VARIABILITY IN <i>KEPLER</i> TARGET STARS: THE SUN AMONG STARS—A FIRST LOOK. Astrophysical Journal Letters, 2010, 713, L155-L159.	3.0	147
76	ALL SIX PLANETS KNOWN TO ORBIT KEPLER-11 HAVE LOW DENSITIES. Astrophysical Journal, 2013, 770, 131.	1.6	145
77	A planet within the debris disk around the pre-main-sequence star AU Microscopii. Nature, 2020, 582, 497-500.	13.7	145
78	Identification of Background False Positives from <i>Kepler</i> Data. Publications of the Astronomical Society of the Pacific, 2013, 125, 889-923.	1.0	143
79	INSTRUMENT PERFORMANCE IN <i>KEPLER</i> 'S FIRST MONTHS. Astrophysical Journal Letters, 2010, 713, L92-L96.	3.0	139
80	<i>KEPLER</i> SCIENCE OPERATIONS. Astrophysical Journal Letters, 2010, 713, L115-L119.	3.0	136
81	ASTEROSEISMIC INVESTIGATION OF KNOWN PLANET HOSTS IN THE <i>KEPLER</i> FIELD. Astrophysical Journal Letters, 2010, 713, L164-L168.	3.0	132
82	A PRECISE ASTEROSEISMIC AGE AND RADIUS FOR THE EVOLVED SUN-LIKE STAR KIC 11026764. Astrophysical Journal, 2010, 723, 1583-1598.	1.6	130
83	THE KEPLER-19 SYSTEM: A TRANSITING 2.2 _R PLANET AND A SECOND PLANET DETECTED VIA TRANSIT TIMING VARIATIONS. Astrophysical Journal, 2011, 743, 200.	1.6	130
84	THE DISCOVERY OF ELLIPSOIDAL VARIATIONS IN THE <i>KEPLER</i> LIGHT CURVE OF HAT-P-7. Astrophysical Journal Letters, 2010, 713, L145-L149.	3.0	125
85	KEPLER-20: A SUN-LIKE STAR WITH THREE SUB-NEPTUNE EXOPLANETS AND TWO EARTH-SIZE CANDIDATES. Astrophysical Journal, 2012, 749, 15.	1.6	125
86	THE DISTRIBUTION OF TRANSIT DURATIONS FOR <i>KEPLER</i> PLANET CANDIDATES AND IMPLICATIONS FOR THEIR ORBITAL ECCENTRICITIES. Astrophysical Journal, Supplement Series, 2011, 197, 1.	3.0	124
87	KEPLER-21b: A 1.6 _R Earth PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. Astrophysical Journal, 2012, 746, 123.	1.6	124
88	THE ASTEROSEISMIC POTENTIAL OF <i>KEPLER</i> : FIRST RESULTS FOR SOLAR-TYPE STARS. Astrophysical Journal Letters, 2010, 713, L169-L175.	3.0	122
89	VALIDATION OF 12 SMALL <i>KEPLER</i> TRANSITING PLANETS IN THE HABITABLE ZONE. Astrophysical Journal, 2015, 800, 99.	1.6	122
90	PREDICTING THE DETECTABILITY OF OSCILLATIONS IN SOLAR-TYPE STARS OBSERVED BY <i>KEPLER</i> . Astrophysical Journal, 2011, 732, 54.	1.6	118

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91	Planet Hunters: the first two planet candidates identified by the public using the Kepler public archive dataâ€¦. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2900-2911.	1.6	118
92	KEPLER-4b: A HOT NEPTUNE-LIKE PLANET OF A G0 STAR NEAR MAIN-SEQUENCE TURNOFF. Astrophysical Journal Letters, 2010, 713, L126-L130.	3.0	117
93	DETECTION OF KOI-13.01 USING THE PHOTOMETRIC ORBIT. Astronomical Journal, 2011, 142, 195.	1.9	113
94	A giant planet candidate transiting a white dwarf. Nature, 2020, 585, 363-367.	13.7	111
95	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanaâ€“Horologium Association. Astrophysical Journal Letters, 2019, 880, L17.	3.0	110
96	The same frequency of planets inside and outside open clusters of stars. Nature, 2013, 499, 55-58.	13.7	108
97	MEASURING TRANSIT SIGNAL RECOVERY IN THE<i>KEPLER</i> PIPELINE. II. DETECTION EFFICIENCY AS CALCULATED IN ONE YEAR OF DATA. Astrophysical Journal, 2015, 810, 95.	1.6	108
98	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. Astrophysical Journal Letters, 2019, 871, L24.	3.0	108
99	KEPLER-68: THREE PLANETS, ONE WITH A DENSITY BETWEEN THAT OF EARTH AND ICE GIANTS. Astrophysical Journal, 2013, 766, 40.	1.6	106
100	KEPLER-10 c: A 2.2 EARTH RADIUS TRANSITING PLANET IN A MULTIPLE SYSTEM. Astrophysical Journal, Supplement Series, 2011, 197, 5.	3.0	103
101	KEPLER-7b: A TRANSITING PLANET WITH UNUSUALLY LOW DENSITY. Astrophysical Journal Letters, 2010, 713, L140-L144.	3.0	102
102	CONTAMINATION IN THE<i>KEPLER</i> FIELD. IDENTIFICATION OF 685 KOIs AS FALSE POSITIVES VIA EPHEMERIS MATCHING BASED ON Q1-Q12 DATA. Astronomical Journal, 2014, 147, 119.	1.9	101
103	KEPLER-1647B: THE LARGEST AND LONGEST-PERIOD KEPLER TRANSITING CIRCUMBINARY PLANET. Astrophysical Journal, 2016, 827, 86.	1.6	101
104	DISCOVERY AND ROSSITER-McLAUGHLIN EFFECT OF EXOPLANET KEPLER-8b. Astrophysical Journal, 2010, 724, 1108-1119.	1.6	100
105	DETECTION OF POTENTIAL TRANSIT SIGNALS IN 17 QUARTERS OF KEPLER DATA: RESULTS OF THE FINAL KEPLER MISSION TRANSITING PLANET SEARCH (DR25). Astronomical Journal, 2016, 152, 158.	1.9	100
106	TRANSIT TIMING OBSERVATIONS FROM <i>KEPLER</i> . I. STATISTICAL ANALYSIS OF THE FIRST FOUR MONTHS. Astrophysical Journal, Supplement Series, 2011, 197, 2.	3.0	98
107	Magellan Radio Occultation Measurements of Atmospheric Waves on Venus. Icarus, 1995, 114, 310-327.	1.1	97
108	Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. Astronomy and Astrophysics, 2019, 628, A39.	2.1	97

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109	FIRST <i>KEPLER</i> RESULTS ON RR LYRAE STARS. <i>Astrophysical Journal Letters</i> , 2010, 713, L198-L203.	3.0	96
110	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	1.9	96
111	TRANSIT TIMING OBSERVATIONS FROM <i>KEPLER</i> . II. CONFIRMATION OF TWO MULTIPLANET SYSTEMS VIA A NON-PARAMETRIC CORRELATION ANALYSIS. <i>Astrophysical Journal</i> , 2012, 750, 113.	1.6	94
112	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32.	1.9	93
113	Radio Occultation Studies of the Venus Atmosphere with the Magellan Spacecraft. <i>Icarus</i> , 1994, 110, 79-94.	1.1	92
114	FIVE KEPLER TARGET STARS THAT SHOW MULTIPLE TRANSITING EXOPLANET CANDIDATES. <i>Astrophysical Journal</i> , 2010, 725, 1226-1241.	1.6	91
115	Flavours of variability: 29 RR Lyrae stars observed with Kepler. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 1585-1593.	1.6	91
116	PHOTOMETRICALLY DERIVED MASSES AND RADII OF THE PLANET AND STAR IN THE TrES-2 SYSTEM. <i>Astrophysical Journal</i> , 2012, 761, 53.	1.6	89
117	AN ASTEROSEISMIC MEMBERSHIP STUDY OF THE RED GIANTS IN THREE OPEN CLUSTERS OBSERVED BY <i>KEPLER</i> : NGC 6791, NGC 6819, AND NGC 6811. <i>Astrophysical Journal</i> , 2011, 739, 13.	1.6	88
118	Photometric analysis in the Kepler Science Operations Center pipeline. <i>Proceedings of SPIE</i> , 2010, , .	0.8	86
119	A Matched Filter Method for Ground-Based Sub-Noise Detection of Terrestrial Extrasolar Planets in Eclipsing Binaries: Application to CM Draconis. <i>Icarus</i> , 1996, 119, 244-260.	1.1	85
120	Observational Limits on Terrestrial-sized Inner Planets around the CM Draconis System Using the Photometric Transit Method with a Matched Filter Algorithm. <i>Astrophysical Journal</i> , 2000, 535, 338-349.	1.6	84
121	DISCOVERY OF THE TRANSITING PLANET KEPLER-5b. <i>Astrophysical Journal Letters</i> , 2010, 713, L131-L135.	3.0	84
122	AUTOMATIC CLASSIFICATION OF <i>KEPLER</i> PLANETARY TRANSIT CANDIDATES. <i>Astrophysical Journal</i> , 2015, 806, 6.	1.6	84
123	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , 2019, 3, 1099-1108.	4.2	84
124	Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS. <i>Astronomical Journal</i> , 2019, 158, 141.	1.9	83
125	KEPLER-6b: A TRANSITING HOT JUPITER ORBITING A METAL-RICH STAR. <i>Astrophysical Journal Letters</i> , 2010, 713, L136-L139.	3.0	82
126	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

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127	DETECTION OF POTENTIAL TRANSIT SIGNALS IN THE FIRST THREE QUARTERS OF <i>Kepler</i> MISSION DATA. <i>Astrophysical Journal</i> , Supplement Series, 2012, 199, 24.	3.0	81
128	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019, 881, L19.	3.0	80
129	<i>KEPLER</i> OBSERVATIONS OF TRANSITING HOT COMPACT OBJECTS. <i>Astrophysical Journal Letters</i> , 2010, 713, L150-L154.	3.0	75
130	SPIN-ORBIT ALIGNMENT FOR THE CIRCUMBINARY PLANET HOST KEPLER-16 A. <i>Astrophysical Journal Letters</i> , 2011, 741, L1.	3.0	75
131	MEASURING TRANSIT SIGNAL RECOVERY IN THE <i>KEPLER</i> PIPELINE. I. INDIVIDUAL EVENTS. <i>Astrophysical Journal</i> , Supplement Series, 2013, 207, 35.	3.0	75
132	KEPLER-14b: A MASSIVE HOT JUPITER TRANSITING AN F STAR IN A CLOSE VISUAL BINARY. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 3.	3.0	74
133	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42.	13.7	73
134	DETECTION OF POTENTIAL TRANSIT SIGNALS IN THE FIRST 12 QUARTERS OF <i>KEPLER</i> MISSION DATA. <i>Astrophysical Journal</i> , Supplement Series, 2013, 206, 5.	3.0	72
135	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	1.9	72
136	Presearch data conditioning in the Kepler Science Operations Center pipeline. <i>Proceedings of SPIE</i> , 2010, , .	0.8	71
137	A SUPER-EARTH-SIZED PLANET ORBITING IN OR NEAR THE HABITABLE ZONE AROUND A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013, 768, 101.	1.6	70
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