Jon M Jenkins

List of Publications by Year
in descending order

358	41,263	2543	2949
papers	citations	96 h-index	189 g-index

366	366	366	7855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kepler Planet-Detection Mission: Introduction and First Results. Science, 2010, 327, 977-980.	6.0	2,848
2	Transiting Exoplanet Survey Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2014, 1, 014003.	1.0	2,300
3	KEPLER MISSION DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. Astrophysical Journal Letters, 2010, 713, L79-L86.	3.0	941
4	The PLATO 2.0 mission. Experimental Astronomy, 2014, 38, 249-330.	1.6	912
5	THE FALSE POSITIVE RATE OFKEPLERAND THE OCCURRENCE OF PLANETS. Astrophysical Journal, 2013, 766, 81.	1.6	895
6	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM KEPLER. Astrophysical Journal, Supplement Series, 2012, 201, 15.	3.0	871
7	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BYKEPLER. II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. Astrophysical Journal, 2011, 736, 19.	1.6	859
8	PLANETARY CANDIDATES OBSERVED BY KEPLER . III. ANALYSIS OF THE FIRST 16 MONTHS OF DATA. Astrophysical Journal, Supplement Series, 2013, 204, 24.	3.0	823
9	KeplerPresearch Data Conditioning II - A Bayesian Approach to Systematic Error Correction. Publications of the Astronomical Society of the Pacific, 2012, 124, 1000-1014.	1.0	684
10	Kepler-16: A Transiting Circumbinary Planet. Science, 2011, 333, 1602-1606.	6.0	608
11	ARCHITECTURE AND DYNAMICS OF KEPLER 'S CANDIDATE MULTIPLE TRANSITING PLANET SYSTEMS. Astrophysical Journal, Supplement Series, 2011, 197, 8.	3.0	593
12	Kepler Presearch Data Conditioning Iâ€"Architecture and Algorithms for Error Correction in Kepler Light Curves. Publications of the Astronomical Society of the Pacific, 2012, 124, 985-999.	1.0	582
13	Transiting Exoplanet Survey Satellite (TESS). Proceedings of SPIE, 2014, , .	0.8	566
14	ARCHITECTURE OFKEPLER'S MULTI-TRANSITING SYSTEMS. II. NEW INVESTIGATIONS WITH TWICE AS MANY CANDIDATES. Astrophysical Journal, 2014, 790, 146.	1.6	536
15	OVERVIEW OF THE KEPLER SCIENCE PROCESSING PIPELINE. Astrophysical Journal Letters, 2010, 713, L87-L91.	3.0	527
16	The TESS science processing operations center. Proceedings of SPIE, 2016, , .	0.8	505
17	KEPLER'S FIRST ROCKY PLANET: KEPLER-10b. Astrophysical Journal, 2011, 729, 27.	1.6	473
18	Gravity modes as a way to distinguish between hydrogen- and helium-burning red giant stars. Nature, 2011, 471, 608-611.	13.7	465

#	Article	IF	Citations
19	VALIDATION OFKEPLER'S MULTIPLE PLANET CANDIDATES. III. LIGHT CURVE ANALYSIS AND ANNOUNCEMENT OF HUNDREDS OF NEW MULTI-PLANET SYSTEMS. Astrophysical Journal, 2014, 784, 45.	1.6	418
20	MASSES, RADII, AND ORBITS OF SMALL KEPLER PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. Astrophysical Journal, Supplement Series, 2014, 210, 20.	3.0	418
21	KEPLERECLIPSING BINARY STARS. I. CATALOG AND PRINCIPAL CHARACTERIZATION OF 1879 ECLIPSING BINARIES IN THE FIRST DATA RELEASE. Astronomical Journal, 2011, 141, 83.	1.9	417
22	Multiscale Systematic Error Correction via Wavelet-Based Bandsplitting inKeplerData. Publications of the Astronomical Society of the Pacific, 2014, 126, 100-114.	1.0	398
23	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. Nature, 2012, 481, 475-479.	13.7	385
24	Kepler Asteroseismology Program: Introduction and First Results. Publications of the Astronomical Society of the Pacific, 2010, 122, 131-143.	1.0	370
25	KEPLERECLIPSING BINARY STARS. II. 2165 ECLIPSING BINARIES IN THE SECOND DATA RELEASE. Astronomical Journal, 2011, 142, 160.	1.9	358
26	Kepler-9: A System of Multiple Planets Transiting a Sun-Like Star, Confirmed by Timing Variations. Science, 2010, 330, 51-54.	6.0	339
27	Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities. Science, 2012, 337, 556-559.	6.0	335
28	Planetary Candidates Observed by Kepler . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. Astrophysical Journal, Supplement Series, 2018, 235, 38.	3.0	316
29	INITIAL CHARACTERISTICS OF KEPLER LONG CADENCE DATA FOR DETECTING TRANSITING PLANETS. Astrophysical Journal Letters, 2010, 713, L120-L125.	3.0	313
30	CHARACTERISTICS OFKEPLERPLANETARY CANDIDATES BASED ON THE FIRST DATA SET. Astrophysical Journal, 2011, 728, 117.	1.6	313
31	Kepler-47: A Transiting Circumbinary Multiplanet System. Science, 2012, 337, 1511-1514.	6.0	312
32	TERRESTRIAL PLANET OCCURRENCE RATES FOR THEKEPLERGK DWARF SAMPLE. Astrophysical Journal, 2015, 809, 8.	1.6	302
33	INITIAL CHARACTERISTICS OF KEPLER SHORT CADENCE DATA. Astrophysical Journal Letters, 2010, 713, L160-L163.	3.0	294
34	Ensemble Asteroseismology of Solar-Type Stars with the NASA Kepler Mission. Science, 2011, 332, 213-216.	6.0	267
35	ALMOST ALL OFKEPLER'S MULTIPLE-PLANET CANDIDATES ARE PLANETS. Astrophysical Journal, 2012, 750, 112.	1.6	266
36	The Impact of Solarâ€like Variability on the Detectability of Transiting Terrestrial Planets. Astrophysical Journal, 2002, 575, 493-505.	1.6	251

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37	PLANETARY CANDIDATES OBSERVED BY KEPLER . VI. PLANET SAMPLE FROM Q1â€“Q16 (47 MONTHS). Astrophysical Journal, Supplement Series, 2015, 217, 31.	3.0	234
38	Preparation of Kepler light curves for asteroseismic analyses. Monthly Notices of the Royal Astronomical Society: Letters, 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). Astrophysical Journal, Supplement Series, 2016, 224, 12.	3.0	223
40	PLANETARY CANDIDATES OBSERVED BY KEPLER IV: PLANET SAMPLE FROM Q1-Q8 (22 MONTHS). Astrophysical Journal, Supplement Series, 2014, 210, 19.	3.0	222
41	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. Astrophysical Journal, 2012, 745, 120.	1.6	218
42	MODELINGKEPLERTRANSIT 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. Astrophysical Journal, 2011, 727, 24.	1.6	215
43	THE NEPTUNE-SIZED CIRCUMBINARY PLANET KEPLER-38b. Astrophysical Journal, 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. Science, 2013, 340, 587-590.	6.0	213
45	The Derivation, Properties, and Value of Keplerâ€™s Combined Differential Photometric Precision. Publications of the Astronomical Society of the Pacific, 2012, 124, 1279-1287.	1.0	208
46	KeplerData Validation Iâ€”Architecture, Diagnostic Tests, and Data Products for Vetting Transiting Planet Candidates. Publications of the Astronomical Society of the Pacific, 2018, 130, 064502.	1.0	206
47	SOLAR-LIKE OSCILLATIONS IN LOW-LUMINOSITY RED GIANTS: FIRST RESULTS FROM KEPLER. Astrophysical Journal Letters, 2010, 713, L176-L181.	3.0	203
48	KOI-126: A Triply Eclipsing Hierarchical Triple with Two Low-Mass Stars. Science, 2011, 331, 562-565.	6.0	203
49	THE KEPLER CLUSTER STUDY: STELLAR ROTATION IN NGC 6811. Astrophysical Journal Letters, 2011, 733, L9.	3.0	200
50	TRANSIT TIMING OBSERVATIONS FROMKEPLER. IV. CONFIRMATION OF FOUR MULTIPLE-PLANET SYSTEMS BY SIMPLE PHYSICAL MODELS. Astrophysical Journal, 2012, 750, 114.	1.6	199
51	A sub-Mercury-sized exoplanet. Nature, 2013, 494, 452-454.	13.7	193
52	KOI-54: THE KEPLER DISCOVERY OF TIDALLY EXCITED PULSATIONS AND BRIGHTENINGS IN A HIGHLY ECCENTRIC BINARY. Astrophysical Journal, Supplement Series, 2011, 197, 4.	3.0	192
53	The TESS Objects of Interest Catalog from the TESS Prime Mission. Astrophysical Journal, Supplement Series, 2021, 254, 39.	3.0	190
54	Kepler Detected Gravity-Mode Period Spacings in a Red Giant Star. Science, 2011, 332, 205-205.	6.0	187

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55	PHOTOMETRIC VARIABILITY INKEPLERTARGET STARS. II. AN OVERVIEW OF AMPLITUDE, PERIODICITY, AND ROTATION IN FIRST QUARTER DATA. Astronomical Journal, 2011, 141, 20.	1.9	187
56	Alignment of the stellar spin with the orbits of a three-planet system. Nature, 2012, 487, 449-453.	13.7	184
57	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. Astronomical Journal, 2020, 159, 60.	1.9	184
58	HYBRID Î³ DORADUS-Î´ SCUTI PULSATORS: NEW INSIGHTS INTO THE PHYSICS OF THE OSCILLATIONS FROM KEPLER OBSERVATIONS. Astrophysical Journal Letters, 2010, 713, L192-L197.	3.0	179
59	KEPLER MISSION STELLAR AND INSTRUMENT NOISE PROPERTIES. Astrophysical Journal, Supplement Series, 2011, 197, 6.	3.0	175
60	Transit timing observations from Kepler â€“ VII. Confirmation of 27 planets in 13 multiplanet systems via transit timing variations and orbital stability. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1077-1087.	1.6	174
61	Two Earth-sized planets orbiting Kepler-20. Nature, 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, WARM-SPITZER PHOTOMETRY, AND RADIAL VELOCITY MEASUREMENTS. Astrophysical Journal, Supplement Series, 2011, 197, 7.	3.0	171
63	Kepler Data Validation IIâ€“Transit Model Fitting and Multiple-planet Search. Publications of the Astronomical Society of the Pacific, 2019, 131, 024506.	1.0	169
64	ASTEROSEISMOLOGY OF RED GIANTS FROM THE FIRST FOUR MONTHS OFKEPLERDATA: GLOBAL OSCILLATION PARAMETERS FOR 800 STARS. Astrophysical Journal, 2010, 723, 1607-1617.	1.6	168
65	A FIRST COMPARISON OF KEPLER PLANET CANDIDATES IN SINGLE AND MULTIPLE SYSTEMS. Astrophysical Journal Letters, 2011, 732, L24.	3.0	167
66	PLANETARY CANDIDATES OBSERVED BY KEPLER . V. PLANET SAMPLE FROM Q1â€“Q12 (36 MONTHS). Astrophysical Journal, Supplement Series, 2015, 217, 16.	3.0	166
67	THE HOT-JUPITER KEPLER-17b: DISCOVERY, OBLIQUITY FROM STROBOSCOPIC STARSPOTS, AND ATMOSPHERIC CHARACTERIZATION. Astrophysical Journal, Supplement Series, 2011, 197, 14.	3.0	162
68	Some Tests to Establish Confidence in Planets Discovered by Transit Photometry. Astrophysical Journal, 2002, 564, 495-507.	1.6	158
69	WHITE-LIGHT FLARES ON COOL STARS IN THEKEPLERQUARTER 1 DATA. Astronomical Journal, 2011, 141, 50.	1.9	157
70	DISCOVERY AND VALIDATION OF Kepler-452b: A 1.6R_{â¨}SUPER EARTH EXOPLANET IN THE HABITABLE ZONE OF A G2 STAR. Astronomical Journal, 2015, 150, 56.	1.9	156
71	THE KEPLER PIXEL RESPONSE FUNCTION. Astrophysical Journal Letters, 2010, 713, L97-L102.	3.0	151
72	Transit timing observations from Keplerâ€ƒ- III. Confirmation of four multiple planet systems by a Fourier-domain study of anticorrelated transit timing variations. Monthly Notices of the Royal Astronomical Society, 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 KEPLER TARGET STARS: THE SUN AMONG STARSâ€”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 fromKeplerData. Publications of the Astronomical Society of the Pacific, 2013, 125, 889-923.	1.0	143
79	INSTRUMENT PERFORMANCE IN KEPLER 's FIRST MONTHS. Astrophysical Journal Letters, 2010, 713, L92-L96.	3.0	139
80	KEPLER SCIENCE OPERATIONS. Astrophysical Journal Letters, 2010, 713, L115-L119.	3.0	136
81	ASTEROSEISMIC INVESTIGATION OF KNOWN PLANET HOSTS IN THE KEPLER 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 2.2R_{âŠ•}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 KEPLER 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 KEPLER PLANET CANDIDATES AND IMPLICATIONS FOR THEIR ORBITAL ECCENTRICITIES. Astrophysical Journal, Supplement Series, 2011, 197, 1.	3.0	124
87	KEPLER-21b: A 1.6R_{Earth}PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. Astrophysical Journal, 2012, 746, 123.	1.6	124
88	THE ASTEROSEISMIC POTENTIAL OF KEPLER : FIRST RESULTS FOR SOLAR-TYPE STARS. Astrophysical Journal Letters, 2010, 713, L169-L175.	3.0	122
89	VALIDATION OF 12 SMALLKEPLERTRANSITING PLANETS IN THE HABITABLE ZONE. Astrophysical Journal, 2015, 800, 99.	1.6	122
90	PREDICTING THE DETECTABILITY OF OSCILLATIONS IN SOLAR-TYPE STARS OBSERVED BYKEPLER. 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 THEKEPLERPIPELINE. 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 THEKEPLERFIELD. 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 KEPLER . 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 KEPLER RESULTS ON RR LYRAE STARS. Astrophysical Journal Letters, 2010, 713, L198-L203.	3.0	96
110	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. Astronomical Journal, 2021, 161, 36.	1.9	96
111	TRANSIT TIMING OBSERVATIONS FROMKEPLER. II. CONFIRMATION OF TWO MULTIPLANET SYSTEMS VIA A NON-PARAMETRIC CORRELATION ANALYSIS. Astrophysical Journal, 2012, 750, 113.	1.6	94
112	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. Astronomical Journal, 2019, 158, 32.	1.9	93
113	Radio Occultation Studies of the Venus Atmosphere with the Magellan Spacecraft. Icarus, 1994, 110, 79-94.	1.1	92
114	FIVE KEPLER TARGET STARS THAT SHOW MULTIPLE TRANSITING EXOPLANET CANDIDATES. Astrophysical Journal, 2010, 725, 1226-1241.	1.6	91
115	Flavours of variability: 29 RRâ€ƒLyrae stars observed with Kepler. Monthly Notices of the Royal Astronomical Society, 2010, 409, 1585-1593.	1.6	91
116	PHOTOMETRICALLY DERIVED MASSES AND RADII OF THE PLANET AND STAR IN THE TrES-2 SYSTEM. Astrophysical Journal, 2012, 761, 53.	1.6	89
117	AN ASTEROSEISMIC MEMBERSHIP STUDY OF THE RED GIANTS IN THREE OPEN CLUSTERS OBSERVED BYKEPLER: NGC 6791, NGC 6819, AND NGC 6811. Astrophysical Journal, 2011, 739, 13.	1.6	88
118	Photometric analysis in the Kepler Science Operations Center pipeline. Proceedings of SPIE, 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. Icarus, 1996, 119, 244-260.	1.1	85
120	Observational Limits on Terrestrialâ€sized Inner Planets around the CM Draconis System Using the Photometric Transit Method with a Matchedâ€Filter Algorithm. Astrophysical Journal, 2000, 535, 338-349.	1.6	84
121	DISCOVERY OF THE TRANSITING PLANET KEPLER-5b. Astrophysical Journal Letters, 2010, 713, L131-L135.	3.0	84
122	AUTOMATIC CLASSIFICATION OFKEPLERPLANETARY TRANSIT CANDIDATES. Astrophysical Journal, 2015, 806, 6.	1.6	84
123	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. Nature Astronomy, 2019, 3, 1099-1108.	4.2	84
124	Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS^{âˆ—}. Astronomical Journal, 2019, 158, 141.	1.9	83
125	KEPLER-6b: A TRANSITING HOT JUPITER ORBITING A METAL-RICH STAR. Astrophysical Journal Letters, 2010, 713, L136-L139.	3.0	82
126	DISCOVERY AND ATMOSPHERIC CHARACTERIZATION OF GIANT PLANET KEPLER-12b: AN INFLATED RADIUS OUTLIER. Astrophysical Journal, Supplement Series, 2011, 197, 9.	3.0	82

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127	DETECTION OF POTENTIAL TRANSIT SIGNALS IN THE FIRST THREE QUARTERS OF Kepler MISSION DATA. Astrophysical Journal, Supplement Series, 2012, 199, 24.	3.0	81
128	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. Astrophysical Journal Letters, 2019, 881, L19.	3.0	80
129	KEPLER OBSERVATIONS OF TRANSITING HOT COMPACT OBJECTS. Astrophysical Journal Letters, 2010, 713, L150-L154.	3.0	75
130	SPIN-ORBIT ALIGNMENT FOR THE CIRCUMBINARY PLANET HOST KEPLER-16 A. Astrophysical Journal Letters, 2011, 741, L1.	3.0	75
131	MEASURING TRANSIT SIGNAL RECOVERY IN THE KEPLER PIPELINE. I. INDIVIDUAL EVENTS. Astrophysical Journal, Supplement Series, 2013, 207, 35.	3.0	75
132	KEPLER-14b: A MASSIVE HOT JUPITER TRANSITING AN F STAR IN A CLOSE VISUAL BINARY. Astrophysical Journal, Supplement Series, 2011, 197, 3.	3.0	74
133	A remnant planetary core in the hot-Neptune desert. Nature, 2020, 583, 39-42.	13.7	73
134	DETECTION OF POTENTIAL TRANSIT SIGNALS IN THE FIRST 12 QUARTERS OF KEPLER MISSION DATA. Astrophysical Journal, Supplement Series, 2013, 206, 5.	3.0	72
135	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. Astronomical Journal, 2019, 157, 245.	1.9	72
136	Presearch data conditioning in the Kepler Science Operations Center pipeline. Proceedings of SPIE, 2010, , .	0.8	71
137	A SUPER-EARTH-SIZED PLANET ORBITING IN OR NEAR THE HABITABLE ZONE AROUND A SUN-LIKE STAR. Astrophysical Journal, 2013, 768, 101.	1.6	70
138	TESS Full Orbital Phase Curve of the WASP-18b System. Astronomical Journal, 2019, 157, 178.	1.9	70
139	TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune*. Astrophysical Journal Letters, 2019, 875, L7.	3.0	69
140	Very regular high-frequency pulsation modes in young intermediate-mass stars. Nature, 2020, 581, 147-151.	13.7	69
141	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. Astronomical Journal, 2020, 160, 179.	1.9	68
142	MEASURING TRANSIT SIGNAL RECOVERY IN THE KEPLER PIPELINE. III. COMPLETENESS OF THE Q1â€“Q17 DR24 PLANET CANDIDATE CATALOG WITH IMPORTANT CAVEATS FOR OCCURRENCE RATE CALCULATIONS. Astrophysical Journal, 2016, 828, 99.	1.6	67
143	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. Astronomical Journal, 2020, 160, 116.	1.9	67
144	MULTIWAVELENGTH OBSERVATIONS OF THE CANDIDATE DISINTEGRATING SUB-MERCURY KIC 12557548B, ,. Astrophysical Journal, 2014, 786, 100.	1.6	66

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145	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.	1.9	66
146	DETECTION OF SOLAR-LIKE OSCILLATIONS FROM KEPLER PHOTOMETRY OF THE OPEN CLUSTER NGC 6819. Astrophysical Journal Letters, 2010, 713, L182-L186.	3.0	65
147	DISCOVERY OF A RED GIANT WITH SOLAR-LIKE OSCILLATIONS IN AN ECLIPSING BINARY SYSTEM FROM KEPLER SPACE-BASED PHOTOMETRY. Astrophysical Journal Letters, 2010, 713, L187-L191.	3.0	64
148	Vetting of 384 TESS Objects of Interest with TRICERATOPS and Statistical Validation of 12 Planet Candidates. Astronomical Journal, 2021, 161, 24.	1.9	64
149	Kepler photometry of the prototypical Blazhko star RR Lyr: an old friend seen in a new light. Monthly Notices of the Royal Astronomical Society, 2011, 411, 878-890.	1.6	63
150	TRANSIT TIMING OBSERVATIONS FROMKEPLER. VI. POTENTIALLY INTERESTING CANDIDATE SYSTEMS FROM FOURIER-BASED STATISTICAL TESTS. Astrophysical Journal, 2012, 756, 186.	1.6	62
151	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. Astronomical Journal, 2020, 160, 3.	1.9	62
152	Detecting Reflected Light from Closeâ€in Extrasolar Giant Planets with theKeplerPhotometer. Astrophysical Journal, 2003, 595, 429-445.	1.6	60
153	KEPLERMISSION STELLAR AND INSTRUMENT NOISE PROPERTIES REVISITED. Astronomical Journal, 2015, 150, 133.	1.9	60
154	Three Red Suns in the Sky: A Transiting, Terrestrial Planet in a Triple M-dwarf System at 6.9 pc. Astronomical Journal, 2019, 158, 152.	1.9	59
155	WASP-4b Arrived Early for the TESS Mission. Astronomical Journal, 2019, 157, 217.	1.9	59
156	TOI-1338: TESSâ€™ First Transiting Circumbinary Planet. Astronomical Journal, 2020, 159, 253.	1.9	58
157	Scientific Domain Knowledge Improves Exoplanet Transit Classification with Deep Learning. Astrophysical Journal Letters, 2018, 869, L7.	3.0	56
158	TESS Science Processing Operations Center FFI Target List Products. Research Notes of the AAS, 2020, 4, 201.	0.3	54
159	Pixel-level calibration in the Kepler Science Operations Center pipeline. Proceedings of SPIE, 2010, , .	0.8	51
160	DETECTION OF POTENTIAL TRANSIT SIGNALS IN 16 QUARTERS OF KEPLER MISSION DATA. Astrophysical Journal, Supplement Series, 2014, 211, 6.	3.0	51
161	TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 1â€“26. Astrophysical Journal, Supplement Series, 2022, 258, 16.	3.0	50
162	Characterization of the L 98-59 multi-planetary system with HARPS. Astronomy and Astrophysics, 2019, 629, A111.	2.1	49

#	Article	IF	Citations
163	A super-Earth and a sub-Neptune orbiting the bright, quiet M3 dwarf TOI-1266. Astronomy and Astrophysics, 2020, 642, A49.	2.1	49
164	Data validation in the Kepler Science Operations Center pipeline. Proceedings of SPIE, 2010, , .	0.8	47
165	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 642, A173.	2.1	47
166	CONFIRMATION OF HOT JUPITER KEPLER-41b VIA PHASE CURVE ANALYSIS. Astrophysical Journal, 2013, 767, 137.	1.6	46
167	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. Astronomical Journal, 2019, 157, 191.	1.9	46
168	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star Î½ Indi. Nature Astronomy, 2020, 4, 382-389.	4.2	46
169	KEPLER-15b: A HOT JUPITER ENRICHED IN HEAVY ELEMENTS AND THE FIRST KEPLER MISSION PLANET CONFIRMED WITH THE HOBBY-EBERLY TELESCOPE. Astrophysical Journal, Supplement Series, 2011, 197, 13.	3.0	45
170	Systematic Phase Curve Study of Known Transiting Systems from Year One of the TESS Mission. Astronomical Journal, 2020, 160, 155.	1.9	45
171	A genomic clone encoding a cryptophyte phycoerythrin Î±-subunit. FEBS Letters, 1990, 273, 191-194.	1.3	44
172	Validation of Small Kepler Transiting Planet Candidates in or near the Habitable Zone. Astronomical Journal, 2017, 154, 264.	1.9	44
173	Exploring the Atmospheric Dynamics of the Extreme Ultrahot Jupiter KELT-9b Using TESS Photometry. Astronomical Journal, 2020, 160, 88.	1.9	44
174	An ultrahot Neptune in the Neptune desert. Nature Astronomy, 2020, 4, 1148-1157.	4.2	43
175	DETECTION OF POTENTIAL TRANSIT SIGNALS IN 17 QUARTERS OF KEPLER MISSION DATA. Astrophysical Journal, Supplement Series, 2015, 217, 18.	3.0	42
176	A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. Astrophysical Journal Letters, 2019, 883, L16.	3.0	42
177	Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS. Astronomical Journal, 2021, 161, 2.	1.9	42
178	Planet Hunters TESS I: TOIâ€‰813, a subgiant hosting a transiting Saturn-sized planet on an 84-day orbit. Monthly Notices of the Royal Astronomical Society, 2020, 494, 750-763.	1.6	41
179	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. Science, 2021, 371, 1038-1041.	6.0	41
180	Masses and compositions of three small planets orbiting the nearby M dwarf L231-32 (TOI-270) and the M dwarf radius valley. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	41

#	Article	IF	Citations
181	Ï‡ ² DISCRIMINATORS FOR TRANSITING PLANET DETECTION IN KEPLER DATA. Astrophysical Journal, Supplement Series, 2013, 206, 25.	3.0	40
182	Visible-light Phase Curves from the Second Year of the TESS Primary Mission. Astronomical Journal, 2021, 162, 127.	1.9	40
183	KEPLER: Search for Earth-Size Planets in the Habitable Zone. Proceedings of the International Astronomical Union, 2008, 4, 289-299.	0.0	39
184	CHARACTERIZATION OF KEPLER-91B AND THE INVESTIGATION OF A POTENTIAL TROJAN COMPANION USING EXONEST. Astrophysical Journal, 2015, 814, 147.	1.6	39
185	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. Astronomical Journal, 2021, 162, 295.	1.9	39
186	HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright (VÂ= 7.9) star unveiled by TESS. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2982-2999.	1.6	38
187	Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. Astronomical Journal, 2020, 160, 239.	1.9	38
188	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. Astrophysical Journal Letters, 2020, 892, L7.	3.0	37
189	KELT-9 bâ€™s Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spinâ€“Orbit Misalignment. Astronomical Journal, 2020, 160, 4.	1.9	37
190	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. Astrophysical Journal Letters, 2020, 889, L34.	3.0	37
191	Complex Rotational Modulation of Rapidly Rotating M Stars Observed with TESS. Astrophysical Journal, 2019, 876, 127.	1.6	36
192	A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. Astronomy and Astrophysics, 2019, 623, A100.	2.1	36
193	AUTOMATED CLASSIFICATION OF VARIABLE STARS IN THE ASTEROSEISMOLOGY PROGRAM OF THE KEPLER SPACE MISSION. Astrophysical Journal Letters, 2010, 713, L204-L207.	3.0	35
194	A Search for Lost Planets in the Kepler Multi-planet Systems and the Discovery of the Long-period, Neptune-sized Exoplanet Kepler-150 f. Astronomical Journal, 2017, 153, 180.	1.9	35
195	TESS Hunt for Young and Maturing Exoplanets (THYME). V. A Sub-Neptune Transiting a Young Star in a Newly Discovered 250 Myr Association. Astronomical Journal, 2021, 161, 171.	1.9	35
196	A hot terrestrial planet orbiting the bright M dwarf L 168-9 unveiled by TESS. Astronomy and Astrophysics, 2020, 636, A58.	2.1	35
197	Selecting pixels for Kepler downlink. Proceedings of SPIE, 2010, , .	0.8	35
198	Near-resonance in a System of Sub-Neptunes from TESS. Astronomical Journal, 2019, 158, 177.	1.9	34

#	Article	IF	Citations
199	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Piscesâ€“Eridanus Stream*. Astronomical Journal, 2021, 161, 65.	1.9	34
200	TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux. Astronomical Journal, 2022, 163, 156.	1.9	34
201	Ground-based detectability of terrestrial and Jovian extrasolar planets: Observations of CM Draconis at Lick Observatory. Journal of Geophysical Research, 1996, 101, 14823-14829.	3.3	33
202	HD 2685 b: a hot Jupiter orbiting an early F-type star detected by TESS. Astronomy and Astrophysics, 2019, 625, A16.	2.1	33
203	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. Astronomy and Astrophysics, 2020, 639, A132.	2.1	33
204	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. Astronomical Journal, 2020, 160, 22.	1.9	33
205	A planetary system with two transiting mini-Neptunes near the radius valley transition around the bright M dwarf TOI-776. Astronomy and Astrophysics, 2021, 645, A41.	2.1	33
206	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3704-3722.	1.6	33
207	TOI-677b: A Warm Jupiter (P = 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. Astronomical Journal, 2020, 159, 145.	1.9	32
208	Early-time Light Curves of Type Ia Supernovae Observed with TESS. Astrophysical Journal, 2021, 908, 51.	1.6	32
209	Fresip: A mission to determine the character and frequency of extra-solar planets around solar-like stars. Astrophysics and Space Science, 1996, 241, 111-134.	0.5	32
210	An unusually low density ultra-short period super-Earth and three mini-Neptunes around the old star TOI-561. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4148-4166.	1.6	32
211	The TESSâ€“Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. Astronomical Journal, 2020, 159, 241.	1.9	32
212	Finding Optimal Apertures inKeplerData. Publications of the Astronomical Society of the Pacific, 2016, 128, 124501.	1.0	31
213	Rapid classification of TESS planet candidates with convolutional neural networks. Astronomy and Astrophysics, 2020, 633, A53.	2.1	31
214	GJ 1252 b: A 1.2 R_{âŠ•} Planet Transiting an M3 Dwarf at 20.4 pc. Astrophysical Journal Letters, 2020, 890, L7.	3.0	31
215	Hot, rocky and warm, puffy super-Earths orbiting TOI-402 (HD 15337). Astronomy and Astrophysics, 2019, 627, A43.	2.1	30
216	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1761-1769.	1.6	30

#	Article	IF	Citations
217	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. Astronomical Journal, 2021, 161, 56.	1.9	30
218	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. Astronomical Journal, 2021, 162, 234.	1.9	30
219	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. Science, 2021, 374, 1271-1275.	6.0	30
220	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1043-1071.	1.6	30
221	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. Astronomical Journal, 2020, 160, 117.	1.9	29
222	MuSCAT2 multicolour validation of TESS candidates: an ultra-short-period substellar object around an M dwarf. Astronomy and Astrophysics, 2020, 633, A28.	2.1	28
223	Mass determinations of the three mini-Neptunes transiting TOI-125. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5399-5412.	1.6	28
224	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. Astronomical Journal, 2021, 161, 162.	1.9	28
225	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. Astronomical Journal, 2022, 163, 147.	1.9	28
226	Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). Astronomy and Astrophysics, 2020, 642, A236.	2.1	27
227	TESS Observations of Cepheid Stars: First Light Results. Astrophysical Journal, Supplement Series, 2021, 253, 11.	3.0	27
228	An ultra-short-period transiting super-Earth orbiting the M3 dwarf TOI-1685. Astronomy and Astrophysics, 2021, 650, A78.	2.1	27
229	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 644, A127.	2.1	27
230	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. Astronomical Journal, 2020, 160, 153.	1.9	27
231	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. Astronomical Journal, 2020, 160, 111.	1.9	26
232	Measuring Transit Signal Recovery in the Kepler Pipeline. IV. Completeness of the DR25 Planet Candidate Catalog. Astronomical Journal, 2020, 160, 159.	1.9	26
233	TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. Astronomical Journal, 2021, 161, 97.	1.9	25
234	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. Astronomical Journal, 2021, 162, 54.	1.9	25

#	Article	IF	Citations
235	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. Astronomical Journal, 2021, 162, 79.	1.9	25
236	TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet*. Astronomical Journal, 2020, 160, 96.	1.9	25
237	Results for 13-cm absorptivity and H2SO4 abundance profiles from the season 10 (1986) Pioneer Venus Orbiter radio occultation experiment. Icarus, 1991, 90, 129-138.	1.1	24
238	Gravity-darkening Analysis of the Misaligned Hot Jupiter MASCARA-4 b. Astrophysical Journal, 2020, 888, 63.	1.6	24
239	ExoMiner: A Highly Accurate and Explainable Deep Learning Classifier That Validates 301 New Exoplanets. Astrophysical Journal, 2022, 926, 120.	1.6	24
240	LHS 1815b: The First Thick-disk Planet Detected by TESS. Astronomical Journal, 2020, 159, 160.	1.9	23
241	TESS Observations of the WASP-121 b Phase Curve. Astronomical Journal, 2021, 161, 131.	1.9	23
242	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. Astronomy and Astrophysics, 2021, 653, A60.	2.1	23
243	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. Astronomical Journal, 2020, 160, 235.	1.9	23
244	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. Astronomical Journal, 2022, 163, 168.	1.9	23
245	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 83-99.	1.6	23
246	Serendipitous Kepler observations of a background dwarf nova of SU UMa type. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1219-1230.	1.6	22
247	TOI-216b and TOI-216 c: Two Warm, Large Exoplanets in or Slightly Wide of the 2:1 Orbital Resonance. Astronomical Journal, 2019, 158, 65.	1.9	22
248	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. Astronomical Journal, 2021, 161, 194.	1.9	22
249	A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130). Astronomy and Astrophysics, 2021, 648, A75.	2.1	22
250	TOI-1201 b: A mini-Neptune transiting a bright and moderately young M dwarf. Astronomy and Astrophysics, 2021, 656, A124.	2.1	22
251	Transits of Known Planets Orbiting a Naked-eye Star. Astronomical Journal, 2020, 160, 129.	1.9	22
252	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of ï€ Men c. Astronomical Journal, 2022, 163, 79.	1.9	22

#	Article	IF	Citations
253	Observations of the microwave emission of Venus from 1.3 to 3.6 cm. Icarus, 1990, 84, 83-92.	1.1	21
254	Precise Transit and Radial-velocity Characterization of a Resonant Pair: The Warm Jupiter TOI-216c and Eccentric Warm Neptune TOI-216b. Astronomical Journal, 2021, 161, 161.	1.9	21
255	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. Astronomical Journal, 2021, 162, 256.	1.9	21
256	Laboratory measurements of the microwave opacity of gaseous Ammonia (NH3) under simulated conditions for the Jovian atmosphere. Icarus, 1987, 72, 35-47.	1.1	20
257	Radio Occultation Studies of the Venus Atmosphere with the Magellan Spacecraft. Icarus, 1994, 110, 71-78.	1.1	20
258	A Transiting Warm Giant Planet around the Young Active Star TOI-201. Astronomical Journal, 2021, 161, 235.	1.9	20
259	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. Astronomical Journal, 2021, 162, 161.	1.9	20
260	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. Astronomy and Astrophysics, 2021, 653, A97.	2.1	20
261	The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c. Astronomical Journal, 2020, 160, 193.	1.9	20
262	TESS Giants Transiting Giants. II. The Hottest Jupiters Orbiting Evolved Stars. Astronomical Journal, 2022, 163, 120.	1.9	20
263	Finding Earth-size planets in the habitable zone: theKepler Mission. Proceedings of the International Astronomical Union, 2007, 3, 17-24.	0.0	19
264	TOI-132â€‰b: A short-period planet in the Neptune desert transiting a VÂ= 11.3ÂG-type starâ˜…. Monthly Notices of the Royal Astronomical Society, 2020, 493, 973-985.	1.6	19
265	Mass and density of the transiting hot and rocky super-Earth LHS 1478 b (TOI-1640 b). Astronomy and Astrophysics, 2021, 649, A144.	2.1	19
266	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2782-2803.	1.6	19
267	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* â€. Astrophysical Journal, Supplement Series, 2021, 256, 33.	3.0	19
268	Science Extraction from TESS Observations of Known Exoplanet Hosts. Publications of the Astronomical Society of the Pacific, 2021, 133, 014402.	1.0	19
269	A Highly Eccentric Warm Jupiter Orbiting TIC 237913194. Astronomical Journal, 2020, 160, 275.	1.9	19
270	Phase Curves of Hot Neptune LTT 9779bÂSuggest a High-metallicity Atmosphere. Astrophysical Journal Letters, 2020, 903, L7.	3.0	19

#	Article	IF	Citations
271	The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. Astronomical Journal, 2022, 163, 61.	1.9	19
272	PLANET HUNTERS: NEWKEPLERPLANET CANDIDATES FROM ANALYSIS OF QUARTER 2. Astronomical Journal, 2013, 145, 151.	1.9	18
273	The Random Transiter â€“ EPIC 249706694/HD 139139. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2455-2465.	1.6	18
274	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. Astrophysical Journal, Supplement Series, 2021, 255, 6.	3.0	18
275	Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit. Astronomy and Astrophysics, 2021, 652, A127.	2.1	18
276	TOI-519 b: A short-period substellar object around an M dwarf validated using multicolour photometry and phase curve analysis. Astronomy and Astrophysics, 2021, 645, A16.	2.1	18
277	The TESS Phase Curve of KELT-1b Suggests a High Dayside Albedo. Astronomical Journal, 2020, 160, 211.	1.9	18
278	TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere. Astronomical Journal, 2021, 162, 218.	1.9	18
279	Three short-period Jupiters from TESS. Astronomy and Astrophysics, 2020, 639, A76.	2.1	17
280	TOI-269 b: an eccentric sub-Neptune transiting a M2 dwarf revisited with ExTrA. Astronomy and Astrophysics, 2021, 650, A145.	2.1	17
281	Securing the Legacy of TESS through the Care and Maintenance of TESS Planet Ephemerides. Astronomical Journal, 2020, 159, 219.	1.9	17
282	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
283	TOI-150b and TOI-163b: two transiting hot Jupiters, one eccentric and one inflated, revealed by TESS near and at the edge of the JWST CVZ. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1094-1110.	1.6	16
284	TOIâ€“1278 B: SPIRou Unveils a Rare Brown Dwarf Companion in Close-in Orbit around an M Dwarf. Astronomical Journal, 2021, 162, 144.	1.9	16
285	TOI 540 b: A Planet Smaller than Earth Orbiting a Nearby Rapidly Rotating Low-mass Star. Astronomical Journal, 2021, 161, 23.	1.9	16
286	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. Astrophysical Journal Letters, 2021, 920, L16.	3.0	16
287	The TESS-Keck Survey: [*] Science Goals and Target Selection. Astronomical Journal, 2022, 163, 297.	1.9	16
288	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

#	Article	IF	Citations
289	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
290	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. Astronomical Journal, 2020, 160, 113.	1.9	15
291	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. Astronomical Journal, 2020, 160, 209.	1.9	15
292	A Uniform Search for Nearby Planetary Companions to Hot Jupiters in TESS Data Reveals Hot Jupiters Are Still Lonely. Astronomical Journal, 2021, 162, 263.	1.9	15
293	TOI-1759 b: A transiting sub-Neptune around a low mass star characterized with SPIRou and TESS. Astronomy and Astrophysics, 2022, 660, A86.	2.1	15
294	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. Astronomical Journal, 2022, 163, 207.	1.9	15
295	The TOI-763 system: sub-Neptunes orbiting a Sun-like star. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4503-4517.	1.6	14
296	TESS Reveals HD 118203 b to be a Transiting Planet. Astronomical Journal, 2020, 159, 243.	1.9	14
297	TESS Data for Asteroseismology: Photometry. Astronomical Journal, 2021, 162, 170.	1.9	14
298	Spitzer Reveals Evidence of Molecular Absorption in the Atmosphere of the Hot Neptune LTT 9779b. Astrophysical Journal Letters, 2020, 903, L6.	3.0	14
299	An algorithm for the fitting of planet models to Kepler light curves. Proceedings of SPIE, 2010, , .	0.8	13
300	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. Astronomical Journal, 2021, 162, 87.	1.9	13
301	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. Astronomical Journal, 2021, 161, 85.	1.9	13
302	A Pair of Warm Giant Planets near the 2:1 Mean Motion Resonance around the K-dwarf Star TOI-2202*. Astronomical Journal, 2021, 162, 283.	1.9	13
303	TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars. Astronomical Journal, 2020, 160, 133.	1.9	12
304	TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS. Astronomical Journal, 2021, 161, 13.	1.9	12
305	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. Astronomical Journal, 2021, 162, 215.	1.9	12
306	TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. Astronomical Journal, 2022, 163, 53.	1.9	12

#	Article	IF	Citations
307	Complex Modulation of Rapidly Rotating Young M Dwarfs: Adding Pieces to the Puzzle. Astronomical Journal, 2022, 163, 144.	1.9	12
308	The Kepler end-to-end model: creating high-fidelity simulations to test Kepler ground processing. Proceedings of SPIE, 2010, , .	0.8	11
309	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. Astronomical Journal, 2020, 160, 229.	1.9	11
310	NEID Rossiterâ€“McLaughlin Measurement of TOI-1268b: A Young Warm Saturn Aligned with Its Cool Host Star. Astrophysical Journal Letters, 2022, 926, L7.	3.0	11
311	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. Astronomical Journal, 2021, 162, 292.	1.9	11
312	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. Astronomical Journal, 2022, 163, 289.	1.9	11
313	A hot mini-Neptune in the radius valley orbiting solar analogue HDâ€‰110113. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4842-4857.	1.6	10
314	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. Astronomical Journal, 2022, 163, 133.	1.9	10
315	The Discovery of a Planetary Companion Interior to Hot Jupiter WASP-132 b. Astronomical Journal, 2022, 164, 13.	1.9	10
316	Transit Timing Variations for AU Microscopii b and c. Astronomical Journal, 2022, 164, 27.	1.9	10
317	Hot planets around cool stars â€“ two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4684-4701.	1.6	9
318	TOI-1259Ab â€“ a gas giant planet with 2.7â€‰perâ€‰cent deep transits and a bound white dwarf companion. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4132-4148.	1.6	9
319	TIC 278956474: Two Close Binaries in One Young Quadruple System Identified by TESS. Astronomical Journal, 2020, 160, 76.	1.9	9
320	Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b. Astronomy and Astrophysics, 2022, 659, A17.	2.1	9
321	A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system. Nature Astronomy, 2022, 6, 736-750.	4.2	9
322	HATS-47b, HATS-48Ab, HATS-49b, and HATS-72b: Four Warm Giant Planets Transiting K Dwarfs*. Astronomical Journal, 2020, 159, 173.	1.9	8
323	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. Astronomical Journal, 2021, 161, 82.	1.9	8
324	Validation of 13 Hot and Potentially Terrestrial TESS Planets. Astronomical Journal, 2022, 163, 99.	1.9	8

#	Article	IF	Citations
325	TOI-1670 b and c: An Inner Sub-Neptune with an Outer Warm Jupiter Unlikely to Have Originated from High-eccentricity Migration. Astronomical Journal, 2022, 163, 225.	1.9	8
326	An efficient end-to-end model for the Kepler photometer. , 2004, 5497, 202.		7
327	PTFO 8-8695: Two Stars, Two Signals, No Planet. Astronomical Journal, 2020, 160, 86.	1.9	7
328	The TESSâ€“Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. Astronomical Journal, 2021, 162, 265.	1.9	7
329	A multi-planetary system orbiting the early-M dwarf TOI-1238. Astronomy and Astrophysics, 2022, 658, A138.	2.1	7
330	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOIâ€“1246. Astronomical Journal, 2022, 163, 293.	1.9	7
331	STOCHASTIC BRIGHTNESS VARIATIONS IN THE CENTRAL STAR OF PLANETARY NEBULA NGC 6826. Astrophysical Journal, 2012, 756, 9.	1.6	6
332	TOI-220â€‰b: a warm sub-Neptune discovered byTESS. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3361-3379.	1.6	6
333	TOI-1296b and TOI-1298b observed with TESS and SOPHIE: two hot Saturn-mass exoplanets with different densities around metal-rich stars. Astronomy and Astrophysics, 2021, 653, A147.	2.1	6
334	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. Astronomical Journal, 2021, 162, 167.	1.9	6
335	A Simulated Data Set for the Transiting Exoplanet Survey Satellite. Research Notes of the AAS, 2018, 2, 47.	0.3	6
336	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. Astronomical Journal, 2022, 163, 82.	1.9	6
337	The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc. Astronomical Journal, 2022, 163, 151.	1.9	6
338	TOI-1696: A Nearby M4 Dwarf with a 3 R _{âŠ•} Planet in the Neptunian Desert. Astronomical Journal, 2022, 163, 298.	1.9	6
339	Constraints on the microwave opacity of gaseous methane and water vapor in the Jovian atmosphere. Icarus, 1988, 76, 378-382.	1.1	5
340	Planet Hunters TESS III: two transiting planets around the bright GÂdwarf HD 152843. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1827-1840.	1.6	5
341	Discovery of a young low-mass brown dwarf transiting a fast-rotating F-type star by the Galactic Plane eXoplanet (GPX) survey. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4956-4967.	1.6	5
342	The TESS Mission Target Selection Procedure. Publications of the Astronomical Society of the Pacific, 2021, 133, 095002.	1.0	5

#	Article	IF	Citations
343	TOI-2285b: A 1.7 Earth-radius planet near the habitable zone around a nearby M dwarf. Publication of the Astronomical Society of Japan, 2022, 74, L1-L8.	1.0	5
344	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. Astronomical Journal, 2022, 163, 9.	1.9	5
345	The TEP network â€" a search for transits of extrasolar planets: Observations of CM draconis in 1994. Astronomical and Astrophysical Transactions, 1997, 13, 233-243.	0.2	4
346	Auto-Vetting Transiting Planet Candidates Identified by the Kepler Pipeline. Proceedings of the International Astronomical Union, 2012, 8, 94-99.	0.0	4
347	TOI-1268b: The youngest hot Saturn-mass transiting exoplanet. Astronomy and Astrophysics, 2022, 662, A107.	2.1	4
348	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. Astronomical Journal, 2022, 163, 269.	1.9	4
349	Ground-based photometric detection of extrasolar planets. Acta Astronautica, 2000, 46, 693-699.	1.7	3
350	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2220-2240.	1.6	3
351	TESS and HARPS reveal two sub-Neptunes around TOI 1062. Astronomy and Astrophysics, 2021, 653, A105.	2.1	3
352	The TESS science data archive. , 2018, , .		3
353	HD 219134 Revisited: Planet d Transit Upper Limit and Planet f Transit Nondetection with ASTERIA and TESS. Astronomical Journal, 2021, 161, 117.	1.9	2
354	A Four-sector Simulated Data Set for the Transiting Exoplanet Survey Satellite. Research Notes of the AAS, 2019, 3, 111.	0.3	1
355	The Kepler Completeness Study: A Pipeline Throughput Experiment. Proceedings of the International Astronomical Union, 2012, 8, 88-93.	0.0	0
356	Stellar Variability Observed with Kepler. Proceedings of the International Astronomical Union, 2012, 10, 115-116.	0.0	0
357	Advances in the Kepler Transit Search Engine. Proceedings of the International Astronomical Union, 2015, 11, 210-212.	0.0	0
358	Processing and managing the Kepler mission's treasure trove of stellar and exoplanet data. , 2016, , .		0