

Thomas Barclay

List of Publications by Year in descending order

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Version: 2024-02-01

178
papers

16,516
citations

22153

59
h-index

18130

120
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180
all docs

180
docs citations

180
times ranked

6185
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	4.7	8
2	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of ϵ Men c. <i>Astronomical Journal</i> , 2022, 163, 79.	4.7	22
3	Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b. <i>Astronomy and Astrophysics</i> , 2022, 659, A17.	5.1	9
4	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. <i>Astronomical Journal</i> , 2022, 163, 133.	4.7	10
5	The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc. <i>Astronomical Journal</i> , 2022, 163, 151.	4.7	6
6	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. <i>Astronomical Journal</i> , 2022, 163, 147.	4.7	28
7	Orbital Dynamics and the Evolution of Planetary Habitability in the AU Mic System. <i>Astronomical Journal</i> , 2022, 163, 20.	4.7	6
8	TOI-530b: a giant planet transiting an M-dwarf detected by <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 83-99.	4.4	23
9	Ninety-seven Eclipsing Quadruple Star Candidates Discovered in TESS Full-frame Images. <i>Astrophysical Journal</i> , Supplement Series, 2022, 259, 66.	7.7	16
10	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2018. <i>Astronomical Journal</i> , 2022, 163, 244.	4.7	8
11	The NASA GSFC TESS Full Frame Image Light Curve Data Set. <i>Research Notes of the AAS</i> , 2022, 6, 111.	0.7	8
12	Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.	4.7	10
13	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	4.7	22
14	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.	12.6	41
15	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	4.7	28
16	K2-138 g: Spitzer Spots a Sixth Planet for the Citizen Science System. <i>Astronomical Journal</i> , 2021, 161, 219.	4.7	8
17	Discovery of an Extremely Short Duration Flare from Proxima Centauri Using Millimeter through Far-ultraviolet Observations. <i>Astrophysical Journal Letters</i> , 2021, 911, L25.	8.3	40
18	A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130). <i>Astronomy and Astrophysics</i> , 2021, 648, A75.	5.1	22

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19	GRB 191016A: A Long Gamma-Ray Burst Detected by TESS. <i>Astrophysical Journal</i> , 2021, 911, 43.	4.5	9
20	Identifying Planetary Transit Candidates in TESS Full-frame Image Light Curves via Convolutional Neural Networks. <i>Astronomical Journal</i> , 2021, 161, 273.	4.7	10
21	Follow-Up and Validation of K2 and TESS Planetary Systems With Keck NIRC2 Adaptive Optics Imaging. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	10
22	exoplanet: Gradient-based probabilistic inference for exoplanet data other astronomical time series. <i>Journal of Open Source Software</i> , 2021, 6, 3285.	4.6	104
23	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	7.7	190
24	TIC 454140642: A Compact, Coplanar, Quadruple-lined Quadruple Star System Consisting of Two Eclipsing Binaries. <i>Astrophysical Journal</i> , 2021, 917, 93.	4.5	19
25	SN2017jgh: a high-cadence complete shock cooling light curve of a SN ^{II} b with the <i>Kepler</i> telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3125-3138.	4.4	7
26	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2782-2803.	4.4	19
27	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , 2021, 162, 87.	4.7	13
28	HD 183579b: a warm sub-Neptune transiting a solar twin detected by <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2220-2240.	4.4	3
29	The TESS Mission Target Selection Procedure. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 095002.	3.1	5
30	L 98-59: A Benchmark System of Small Planets for Future Atmospheric Characterization. <i>Astronomical Journal</i> , 2021, 162, 169.	4.7	14
31	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021, 162, 161.	4.7	20
32	TOI-519 b: A short-period substellar object around an M dwarf validated using multicolour photometry and phase curve analysis. <i>Astronomy and Astrophysics</i> , 2021, 645, A16.	5.1	18
33	Vetting of 384 TESS Objects of Interest with TRICERATOPS and Statistical Validation of 12 Planet Candidates. <i>Astronomical Journal</i> , 2021, 161, 24.	4.7	64
34	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234.	4.7	30
35	Simultaneous Multiwavelength Flare Observations of EV Lacertae. <i>Astrophysical Journal</i> , 2021, 922, 31.	4.5	16
36	No Transits of Proxima Centauri Planets in High-Cadence TESS Data. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	5

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37	A Uniform Search for Nearby Planetary Companions to Hot Jupiters in TESS Data Reveals Hot Jupiters Are Still Lonely. <i>Astronomical Journal</i> , 2021, 162, 263.	4.7	15
38	Stellar Surface Inhomogeneities as a Potential Source of the Atmospheric Signal Detected in the K2-18b Transmission Spectrum. <i>Astronomical Journal</i> , 2021, 162, 300.	4.7	22
39	Mysterious Dust-emitting Object Orbiting TIC 400799224. <i>Astronomical Journal</i> , 2021, 162, 299.	4.7	6
40	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , 2021, 162, 295.	4.7	39
41	SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2). <i>Astrophysical Journal</i> , 2021, 923, 167.	4.5	10
42	Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , 2020, 639, A76.	5.1	17
43	CzeV1731: The unique doubly eclipsing quadruple system. <i>Astronomy and Astrophysics</i> , 2020, 642, A63.	5.1	4
44	TOI-1338: TESS's First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020, 159, 253.	4.7	58
45	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. <i>Astronomical Journal</i> , 2020, 159, 151.	4.7	29
46	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
47	TOI-677b: A Warm Jupiter (P = 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , 2020, 159, 145.	4.7	32
48	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
49	The Feasibility of Directly Imaging Nearby Cold Jovian Planets with MIRI/JWST. <i>Astronomical Journal</i> , 2020, 159, 18.	4.7	9
50	Securing the Legacy of TESS through the Care and Maintenance of TESS Planet Ephemerides. <i>Astronomical Journal</i> , 2020, 159, 219.	4.7	17
51	PTFO 8-8695: Two Stars, Two Signals, No Planet. <i>Astronomical Journal</i> , 2020, 160, 86.	4.7	7
52	TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet*. <i>Astronomical Journal</i> , 2020, 160, 96.	4.7	25
53	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , 2020, 160, 113.	4.7	15
54	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020, 160, 116.	4.7	67

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55	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 117.	4.7	29
56	The First Habitable-zone Earth-sized Planet from TESS. III. Climate States and Characterization Prospects for TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 118.	4.7	20
57	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. <i>Astronomical Journal</i> , 2020, 160, 209.	4.7	15
58	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , 2020, 160, 153.	4.7	27
59	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. <i>Astronomical Journal</i> , 2020, 160, 179.	4.7	68
60	An Unusual Transmission Spectrum for the Sub-Saturn KELT-11b Suggestive of a Subsolar Water Abundance. <i>Astronomical Journal</i> , 2020, 160, 280.	4.7	21
61	K2 Targets Observed in TESS Cycles 1–3. <i>Research Notes of the AAS</i> , 2020, 4, 240.	0.7	1
62	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanae “Horologium Association. <i>Astrophysical Journal Letters</i> , 2019, 880, L17.	8.3	110
63	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32.	4.7	93
64	Three Red Suns in the Sky: A Transiting, Terrestrial Planet in a Triple M-dwarf System at 6.9 pc. <i>Astronomical Journal</i> , 2019, 158, 152.	4.7	59
65	The Revised TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , 2019, 158, 138.	4.7	577
66	Prospects for TTV Detection and Dynamical Constraints with TESS. <i>Astronomical Journal</i> , 2019, 158, 146.	4.7	19
67	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. <i>Astrophysical Journal</i> , 2019, 870, 12.	4.5	60
68	Predicted Yield of Transits of Known Radial Velocity Exoplanets from the <i>TESS</i> Primary and Extended Missions. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 034401.	3.1	20
69	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. <i>Astronomical Journal</i> , 2019, 157, 191.	4.7	46
70	Giant planet effects on terrestrial planet formation and system architecture. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 541-549.	4.4	18
71	Discovery and Vetting of Exoplanets. I. Benchmarking K2 Vetting Tools. <i>Astronomical Journal</i> , 2019, 157, 124.	4.7	42
72	Seeing Double: ASASSN-18bt Exhibits a Two-component Rise in the Early-time K2 Light Curve. <i>Astrophysical Journal</i> , 2019, 870, 13.	4.5	67

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73	K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova. <i>Astrophysical Journal Letters</i> , 2019, 870, L1.	8.3	80
74	Implications of the interstellar object 1I/'Oumuamua for planetary dynamics and planetesimal formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3031-3038.	4.4	82
75	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2018, 155, 57.	4.7	76
76	A Revised Exoplanet Yield from the <i>Transiting Exoplanet Survey Satellite</i> (<i>TESS</i>). <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 2.	7.7	215
77	A Framework for Prioritizing the <i>TESS</i> Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114401.	3.1	314
78	Do Close-in Giant Planets Orbiting Evolved Stars Prefer Eccentric Orbits?. <i>Astrophysical Journal Letters</i> , 2018, 861, L5.	8.3	27
79	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
80	A Catalog of 29 Open Clusters and Associations Observed by the Kepler and K2 Missions. <i>Research Notes of the AAS</i> , 2018, 2, 199.	0.7	5
81	A Catalog of Stars Observed Simultaneously by Kepler and TESS. <i>Research Notes of the AAS</i> , 2018, 2, 192.	0.7	2
82	Plausible Compositions of the Seven TRAPPIST-1 Planets Using Long-term Dynamical Simulations. <i>Astrophysical Journal Letters</i> , 2017, 842, L5.	8.3	53
83	A seven-planet resonant chain in TRAPPIST-1. <i>Nature Astronomy</i> , 2017, 1, .	10.1	263
84	The Demographics of Rocky Free-floating Planets and their Detectability by WFIRST. <i>Astrophysical Journal</i> , 2017, 841, 86.	4.5	59
85	Kepler-1649b: An Exo-Venus in the Solar Neighborhood. <i>Astronomical Journal</i> , 2017, 153, 162.	4.7	42
86	Time-series Analysis of Broadband Photometry of Neptune from K2. <i>Astronomical Journal</i> , 2017, 153, 149.	4.7	9
87	Beyond the Kepler/K2 bright limit: variability in the seven brightest members of the Pleiades. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2882-2901.	4.4	58
88	Validation of Small Kepler Transiting Planet Candidates in or near the Habitable Zone. <i>Astronomical Journal</i> , 2017, 154, 264.	4.7	44
89	High-spatial-resolution K-band Imaging of Select K2 Campaign Fields. <i>Research Notes of the AAS</i> , 2017, 1, 34.	0.7	0
90	K2 ROTATION PERIODS FOR LOW-MASS HYADS AND THE IMPLICATIONS FOR GYROCHRONOLOGY. <i>Astrophysical Journal</i> , 2016, 822, 47.	4.5	109

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91	Campaign 9 of the <i>K2</i> Mission: Observational Parameters, Scientific Drivers, and Community Involvement for a Simultaneous Space- and Ground-based Microlensing Survey. Publications of the Astronomical Society of the Pacific, 2016, 128, 124401.	3.1	79
92	K2-97b: A (RE-)INFLATED PLANET ORBITING A RED GIANT STAR. <i>Astronomical Journal</i> , 2016, 152, 185.	4.7	82
93	THE K2 ECLIPTIC PLANE INPUT CATALOG (EPIC) AND STELLAR CLASSIFICATIONS OF 138,600 TARGETS IN CAMPAIGNS 1-8. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 2.	7.7	252
94	A CATALOG OF KEPLER HABITABLE ZONE EXOPLANET CANDIDATES. <i>Astrophysical Journal</i> , 2016, 830, 1.	4.5	133
95	THE FREQUENCY OF GIANT IMPACTS ON EARTH-LIKE WORLDS. <i>Astrophysical Journal</i> , 2016, 821, 126.	4.5	117
96	Hot super-Earths stripped by their host stars. <i>Nature Communications</i> , 2016, 7, 11201.	12.8	172
97	PLANETARY CANDIDATES OBSERVED BY KEPLER. VII. THE FIRST FULLY UNIFORM CATALOG BASED ON THE ENTIRE 48-MONTH DATA SET (Q1-Q17 DR24). <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 12.	7.7	223
98	Continuous α -stunted α ™ outbursts detected from the cataclysmic variable KIC 9202990 using <i>Kepler</i> data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2772-2777.	4.4	14
99	KEPLER ECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. <i>Astronomical Journal</i> , 2016, 151, 68.	4.7	302
100	ON THE STELLAR COMPANION TO THE EXOPLANET HOSTING STAR 30 ARIETIS B. <i>Astrophysical Journal</i> , 2015, 815, 32.	4.5	12
101	Insights into internal effects of common-envelope evolution using the extended <i>Kepler</i> mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1701-1712.	4.4	24
102	KOI-3158: The oldest known system of terrestrial-size planets. <i>EPJ Web of Conferences</i> , 2015, 101, 02004.	0.3	1
103	Stellar statistics along the ecliptic and the impact on the K2 mission concept. <i>International Journal of Astrobiology</i> , 2015, 14, 165-172.	1.6	23
104	PLANET HUNTERS. VIII. CHARACTERIZATION OF 41 LONG-PERIOD EXOPLANET CANDIDATES FROM <i>KEPLER</i> ARCHIVAL DATA. <i>Astrophysical Journal</i> , 2015, 815, 127.	4.5	77
105	AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170.	4.5	164
106	RADIAL VELOCITY OBSERVATIONS AND LIGHT CURVE NOISE MODELING CONFIRM THAT KEPLER-91b IS A GIANT PLANET ORBITING A GIANT STAR. <i>Astrophysical Journal</i> , 2015, 800, 46.	4.5	83
107	VALIDATION OF 12 SMALL <i>KEPLER</i> TRANSITING PLANETS IN THE HABITABLE ZONE. <i>Astrophysical Journal</i> , 2015, 800, 99.	4.5	122
108	THE FIVE PLANETS IN THE KEPLER-296 BINARY SYSTEM ALL ORBIT THE PRIMARY: A STATISTICAL AND ANALYTICAL ANALYSIS. <i>Astrophysical Journal</i> , 2015, 809, 7.	4.5	51

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109	<i>K2</i> and <i>MAXI</i> observations of Sco X-1 â€“ evidence for disc precession?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L6-L10.	3.3	4
110	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . VI. PLANET SAMPLE FROM Q1â€“Q16 (47 MONTHS). Astrophysical Journal, Supplement Series, 2015, 217, 31.	7.7	234
111	HIGH-RESOLUTION MULTI-BAND IMAGING FOR VALIDATION AND CHARACTERIZATION OF SMALL <i>KEPLER</i> PLANETS. Astronomical Journal, 2015, 149, 55.	4.7	67
112	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. Astrophysical Journal, 2015, 804, 10.	4.5	149
113	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . V. PLANET SAMPLE FROM Q1â€“Q12 (36 MONTHS). Astrophysical Journal, Supplement Series, 2015, 217, 16.	7.7	166
114	TERRESTRIAL PLANET OCCURRENCE RATES FOR THE <i>KEPLER</i> GK DWARF SAMPLE. Astrophysical Journal, 2015, 809, 8.	4.5	302
115	Asteroseismology of Solar-Type Stars with <i>K2</i>: Detection of Oscillations in C1 Data. Publications of the Astronomical Society of the Pacific, 2015, 127, 1038-1044.	3.1	25
116	Photometry of very bright stars with <i>Kepler</i> and K2 smear data. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 455, L36-L40.	3.3	15
117	VALIDATION OF <i>KEPLER</i>'S MULTIPLE PLANET CANDIDATES. III. LIGHT CURVE ANALYSIS AND ANNOUNCEMENT OF HUNDREDS OF NEW MULTI-PLANET SYSTEMS. Astrophysical Journal, 2014, 784, 45.	4.5	418
118	ARCHITECTURE OF <i>KEPLER</i>'S MULTI-TRANSITING SYSTEMS. II. NEW INVESTIGATIONS WITH TWICE AS MANY CANDIDATES. Astrophysical Journal, 2014, 790, 146.	4.5	536
119	PRECISION ASTEROSEISMOLOGY OF THE PULSATING WHITE DWARF GD 1212 USING A TWO-WHEEL-CONTROLLED <i>KEPLER</i> SPACECRAFT. Astrophysical Journal, 2014, 789, 85.	4.5	31
120	RATS-Kepler â€“ a deep high-cadence survey of the Kepler field. Monthly Notices of the Royal Astronomical Society, 2014, 437, 132-146.	4.4	36
121	KICâ€“11911480: the second ZZâ€“Ceti in the Kepler field. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3086-3092.	4.4	35
122	KEPLER-424 b: A â€œLONELYâ€•HOT JUPITER THAT FOUND A COMPANION. Astrophysical Journal, 2014, 795, 151.4.5	4.5	49
123	THE PHYSICAL PARAMETERS OF THE RETIRED A STAR HD 185351. Astrophysical Journal, 2014, 794, 15.	4.5	44
124	M-DWARF RAPID ROTATORS AND THE DETECTION OF RELATIVELY YOUNG MULTIPLE M-STAR SYSTEMS. Astrophysical Journal, 2014, 788, 114.	4.5	24
125	KOI-2700bâ€“A PLANET CANDIDATE WITH DUSTY EFFLUENTS ON A 22 hr ORBIT. Astrophysical Journal, 2014, 784, 40.	4.5	113
126	BOKS 45906: a CV with an orbital period of 56.6â€“min in the Kepler field?. Monthly Notices of the Royal Astronomical Society, 2014, 438, 789-795.	4.4	6

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127	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> IV: PLANET SAMPLE FROM Q1-Q8 (22 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 19.	7.7	222
128	INFLUENCE OF STELLAR MULTIPLICITY ON PLANET FORMATION. I. EVIDENCE OF SUPPRESSED PLANET FORMATION DUE TO STELLAR COMPANIONS WITHIN 20 AU AND VALIDATION OF FOUR PLANETS FROM THE <i>KEPLER</i> MULTIPLE PLANET CANDIDATES. <i>Astrophysical Journal</i> , 2014, 783, 4.	4.5	124
129	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
130	DETECTION OF POTENTIAL TRANSIT SIGNALS IN 16 QUARTERS OF <i>KEPLER</i> MISSION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 6.	7.7	51
131	An Earth-Sized Planet in the Habitable Zone of a Cool Star. <i>Science</i> , 2014, 344, 277-280.	12.6	252
132	Kepler Eclipsing Binary Stars. V. Identification of 31 Candidate Eclipsing Binaries in the K2 Engineering Dataset. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 914-922.	3.1	35
133	FORMATION, TIDAL EVOLUTION, AND HABITABILITY OF THE KEPLER-186 SYSTEM. <i>Astrophysical Journal</i> , 2014, 793, 3.	4.5	55
134	The K2 Mission: Characterization and Early Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 398-408.	3.1	1,344
135	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	27.8	193
136	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
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.	4.5	70
138	A POTENTIAL SUPER-VENUS IN THE KEPLER-69 SYSTEM. <i>Astrophysical Journal Letters</i> , 2013, 770, L20.	8.3	31
139	CONFIRMATION OF HOT JUPITER KEPLER-41b VIA PHASE CURVE ANALYSIS. <i>Astrophysical Journal</i> , 2013, 767, 137.	4.5	46
140	Kepler photometry and optical spectroscopy of the ZZ Lep central star of the planetary nebula NGC 6826: rotational and wind variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2923-2931.	4.4	11
141	Short-duration high-amplitude flares detected on the M dwarf star KIC 5474065. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2451-2457.	4.4	26
142	DETECTION OF POTENTIAL TRANSIT SIGNALS IN THE FIRST 12 QUARTERS OF <i>KEPLER</i> MISSION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 5.	7.7	72
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