

# Thomas Barclay

## List of Publications by Year in descending order

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Version: 2024-02-01

178  
papers

16,516  
citations

22153

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18130

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180  
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180  
docs citations

180  
times ranked

6185  
citing authors

#	ARTICLE	IF	CITATIONS
1	The K2 Mission: Characterization and Early Results. Publications of the Astronomical Society of the Pacific, 2014, 126, 398-408.	3.1	1,344
2	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . III. ANALYSIS OF THE FIRST 16 MONTHS OF DATA. Astrophysical Journal, Supplement Series, 2013, 204, 24.	7.7	823
3	The Revised TESS Input Catalog and Candidate Target List. Astronomical Journal, 2019, 158, 138.	4.7	577
4	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
5	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
6	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. Astrophysical Journal, Supplement Series, 2014, 210, 20.	7.7	418
7	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. Nature, 2012, 481, 475-479.	27.8	385
8	Planetary Candidates Observed by <i>Kepler</i> . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. Astrophysical Journal, Supplement Series, 2018, 235, 38.	7.7	316
9	A Framework for Prioritizing the <i>TESS</i> Planetary Candidates Most Amenable to Atmospheric Characterization. Publications of the Astronomical Society of the Pacific, 2018, 130, 114401.	3.1	314
10	Kepler-47: A Transiting Circumbinary Multiplanet System. Science, 2012, 337, 1511-1514.	12.6	312
11	TERRESTRIAL PLANET OCCURRENCE RATES FOR THE <i>KEPLER</i> GK DWARF SAMPLE. Astrophysical Journal, 2015, 809, 8.	4.5	302
12	KEPLER ECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. Astronomical Journal, 2016, 151, 68.	4.7	302
13	A seven-planet resonant chain in TRAPPIST-1. Nature Astronomy, 2017, 1, .	10.1	263
14	FUNDAMENTAL PROPERTIES OF <i>KEPLER</i> PLANET-CANDIDATE HOST STARS USING ASTEROSEISMOLOGY. Astrophysical Journal, 2013, 767, 127.	4.5	259
15	An Earth-Sized Planet in the Habitable Zone of a Cool Star. Science, 2014, 344, 277-280.	12.6	252
16	THE K2 ECLIPTIC PLANE INPUT CATALOG (EPIC) AND STELLAR CLASSIFICATIONS OF 138,600 TARGETS IN CAMPAIGNS 1â€“8. Astrophysical Journal, Supplement Series, 2016, 224, 2.	7.7	252
17	INFERENCE OF INHOMOGENEOUS CLOUDS IN AN EXOPLANET ATMOSPHERE. Astrophysical Journal Letters, 2013, 776, L25.	8.3	250
18	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

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19	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
20	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
21	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	4.5	218
22	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
23	THE NEPTUNE-SIZED CIRCUMBINARY PLANET KEPLER-38b. <i>Astrophysical Journal</i> , 2012, 758, 87.	4.5	213
24	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
25	FUNDAMENTAL PROPERTIES OF STARS USING ASTEROSEISMOLOGY FROM <i>KEPLER</i> AND <i>CoRoT</i> AND INTERFEROMETRY FROM THE CHARA ARRAY. <i>Astrophysical Journal</i> , 2012, 760, 32.	4.5	206
26	Probing the core structure and evolution of red giants using gravity-dominated mixed modes observed with <i>Kepler</i> . <i>Astronomy and Astrophysics</i> , 2012, 540, A143.	5.1	197
27	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	27.8	193
28	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	7.7	190
29	Alignment of the stellar spin with the orbits of a three-planet system. <i>Nature</i> , 2012, 487, 449-453.	27.8	184
30	A CLASS OF ECCENTRIC BINARIES WITH DYNAMIC TIDAL DISTORTIONS DISCOVERED WITH <i>KEPLER</i> . <i>Astrophysical Journal</i> , 2012, 753, 86.	4.5	178
31	Two Earth-sized planets orbiting Kepler-20. <i>Nature</i> , 2012, 482, 195-198.	27.8	172
32	Hot super-Earths stripped by their host stars. <i>Nature Communications</i> , 2016, 7, 11201.	12.8	172
33	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . V. PLANET SAMPLE FROM Q1–Q12 (36 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2015, 217, 16.	7.7	166
34	AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170.	4.5	164
35	ASTEROSEISMIC DETERMINATION OF OBLIQUITIES OF THE EXOPLANET SYSTEMS KEPLER-50 AND KEPLER-65. <i>Astrophysical Journal</i> , 2013, 766, 101.	4.5	158
36	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. <i>Astrophysical Journal</i> , 2015, 804, 10.	4.5	149

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37	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
38	<i>KEPLER</i> ECLIPSING BINARY STARS. III. CLASSIFICATION OF <i>KEPLER</i> ECLIPSING BINARY LIGHT CURVES WITH LOCALLY LINEAR EMBEDDING. <i>Astronomical Journal</i> , 2012, 143, 123.	4.7	144
39	A CATALOG OF KEPLER HABITABLE ZONE EXOPLANET CANDIDATES. <i>Astrophysical Journal</i> , 2016, 830, 1.	4.5	133
40	Oscillation mode frequencies of 61 main-sequence and subgiant stars observed by <i>Kepler</i>. <i>Astronomy and Astrophysics</i> , 2012, 543, A54.	5.1	126
41	KEPLER-20: A SUN-LIKE STAR WITH THREE SUB-NEPTUNE EXOPLANETS AND TWO EARTH-SIZE CANDIDATES. <i>Astrophysical Journal</i> , 2012, 749, 15.	4.5	125
42	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
43	VALIDATION OF 12 SMALL <i>KEPLER</i> TRANSITING PLANETS IN THE HABITABLE ZONE. <i>Astrophysical Journal</i> , 2015, 800, 99.	4.5	122
44	THE FREQUENCY OF GIANT IMPACTS ON EARTH-LIKE WORLDS. <i>Astrophysical Journal</i> , 2016, 821, 126.	4.5	117
45	KOI-2700bâ€”A PLANET CANDIDATE WITH DUSTY EFFLUENTS ON A 22 hr ORBIT. <i>Astrophysical Journal</i> , 2014, 784, 40.	4.5	113
46	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanaâ€”Horologium Association. <i>Astrophysical Journal Letters</i> , 2019, 880, L17.	8.3	110
47	K2 ROTATION PERIODS FOR LOW-MASS HYADS AND THE IMPLICATIONS FOR GYROCHRONOLOGY. <i>Astrophysical Journal</i> , 2016, 822, 47.	4.5	109
48	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
49	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
50	PHOTOMETRICALLY DERIVED MASSES AND RADII OF THE PLANET AND STAR IN THE TrES-2 SYSTEM. <i>Astrophysical Journal</i> , 2012, 761, 53.	4.5	89
51	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
52	K2-97b: A (RE-?)INFLATED PLANET ORBITING A RED GIANT STAR. <i>Astronomical Journal</i> , 2016, 152, 185.	4.7	82
53	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
54	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.	7.7	81

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55	CALIBRATING CONVECTIVE PROPERTIES OF SOLAR-LIKE STARS IN THE <i>KEPLER</i> FIELD OF VIEW. <i>Astrophysical Journal Letters</i> , 2012, 755, L12.	8.3	80
56	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
57	Campaign 9 of the <i>K2</i> Mission: Observational Parameters, Scientific Drivers, and Community Involvement for a Simultaneous Space- and Ground-based Microlensing Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124401.	3.1	79
58	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
59	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
60	SPIN-ORBIT ALIGNMENT FOR THE CIRCUMBINARY PLANET HOST KEPLER-16 A. <i>Astrophysical Journal Letters</i> , 2011, 741, L1.	8.3	75
61	TRANSIT TIMING OBSERVATIONS FROM <i>KEPLER</i>. V. TRANSIT TIMING VARIATION CANDIDATES IN THE FIRST SIXTEEN MONTHS FROM POLYNOMIAL MODELS. <i>Astrophysical Journal</i> , 2012, 756, 185.	4.5	75
62	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.	7.7	72
63	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
64	PLANET HUNTERS. V. A CONFIRMED JUPITER-SIZE PLANET IN THE HABITABLE ZONE AND 42 PLANET CANDIDATES FROM THE <i>KEPLER</i> ARCHIVE DATA. <i>Astrophysical Journal</i> , 2013, 776, 10.	4.5	68
65	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
66	HIGH-RESOLUTION MULTI-BAND IMAGING FOR VALIDATION AND CHARACTERIZATION OF SMALL <i>KEPLER</i> PLANETS. <i>Astronomical Journal</i> , 2015, 149, 55.	4.7	67
67	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
68	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
69	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
70	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
71	IMAGING STARSPOT EVOLUTION ON <i>KEPLER</i> TARGET KIC 5110407 USING LIGHT-CURVE INVERSION. <i>Astrophysical Journal</i> , 2013, 767, 60.	4.5	59
72	The Demographics of Rocky Free-floating Planets and their Detectability by WFIRST. <i>Astrophysical Journal</i> , 2017, 841, 86.	4.5	59

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73	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
74	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
75	TOI-1338: TESS's First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020, 159, 253.	4.7	58
76	FORMATION, TIDAL EVOLUTION, AND HABITABILITY OF THE KEPLER-186 SYSTEM. <i>Astrophysical Journal</i> , 2014, 793, 3.	4.5	55
77	Plausible Compositions of the Seven TRAPPIST-1 Planets Using Long-term Dynamical Simulations. <i>Astrophysical Journal Letters</i> , 2017, 842, L5.	8.3	53
78	DETECTION OF POTENTIAL TRANSIT SIGNALS IN 16 QUARTERS OF <i>KEPLER</i> MISSION DATA. <i>Astrophysical Journal</i> , Supplement Series, 2014, 211, 6.	7.7	51
79	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
80	KEPLER-424 b: A "LONELY" HOT JUPITER THAT FOUND A COMPANION. <i>Astrophysical Journal</i> , 2014, 795, 151.4.5	4.5	49
81	CONFIRMATION OF HOT JUPITER KEPLER-41b VIA PHASE CURVE ANALYSIS. <i>Astrophysical Journal</i> , 2013, 767, 137.	4.5	46
82	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
83	Seismic evidence for non-synchronization in two close sdb+dM binaries from Kepler photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1343-1351.	4.4	45
84	THE PHYSICAL PARAMETERS OF THE RETIRED A STAR HD 185351. <i>Astrophysical Journal</i> , 2014, 794, 15.	4.5	44
85	Validation of Small Kepler Transiting Planet Candidates in or near the Habitable Zone. <i>Astronomical Journal</i> , 2017, 154, 264.	4.7	44
86	Kepler-1649b: An Exo-Venus in the Solar Neighborhood. <i>Astronomical Journal</i> , 2017, 153, 162.	4.7	42
87	Discovery and Vetting of Exoplanets. I. Benchmarking K2 Vetting Tools. <i>Astronomical Journal</i> , 2019, 157, 124.	4.7	42
88	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.	12.6	41
89	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
90	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

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91	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
92	RATS-Kepler – a deep high-cadence survey of the Kepler field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 132-146.	4.4	36
93	KIC11911480: the second ZZ Ceti in the Kepler field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 3086-3092.	4.4	35
94	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
95	The long-term optical behaviour of helium-accreting AM CVn binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2836-2843.	4.4	32
96	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
97	A POTENTIAL SUPER-VENUS IN THE KEPLER-69 SYSTEM. <i>Astrophysical Journal Letters</i> , 2013, 770, L20.	8.3	31
98	PRECISION ASTEROSEISMOLOGY OF THE PULSATING WHITE DWARF GD 1212 USING A TWO-WHEEL-CONTROLLED KEPLER SPACECRAFT. <i>Astrophysical Journal</i> , 2014, 789, 85.	4.5	31
99	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234.	4.7	30
100	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. <i>Astronomical Journal</i> , 2020, 159, 151.	4.7	29
101	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
102	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	4.7	28
103	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. <i>Astronomical Journal</i> , 2022, 163, 147.	4.7	28
104	Do Close-in Giant Planets Orbiting Evolved Stars Prefer Eccentric Orbits?. <i>Astrophysical Journal Letters</i> , 2018, 861, L5.	8.3	27
105	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
106	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
107	Asteroseismology of Solar-Type Stars with K2: Detection of Oscillations in C1 Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 1038-1044.	3.1	25
108	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



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109	Kepler observations of V447 Lyr: an eclipsing U Gem Cataclysmic Variable. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1479-1485.	4.4	24
110	M-DWARF RAPID ROTATORS AND THE DETECTION OF RELATIVELY YOUNG MULTIPLE M-STAR SYSTEMS. <i>Astrophysical Journal</i> , 2014, 788, 114.	4.5	24
111	Insights into internal effects of common-envelope evolution using the extended Kepler mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1701-1712.	4.4	24
112	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
113	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
114	Serendipitous Kepler observations of a background dwarf nova of SU UMa type. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1219-1230.	4.4	22
115	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
116	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
117	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of $\epsilon$ Men c. <i>Astronomical Journal</i> , 2022, 163, 79.	4.7	22
118	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
119	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
120	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
121	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021, 162, 161.	4.7	20
122	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
123	Prospects for TTV Detection and Dynamical Constraints with TESS. <i>Astronomical Journal</i> , 2019, 158, 146.	4.7	19
124	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
125	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
126	2XMMiâ€fJ225036.9+573154 - a new eclipsing AMâ€fHer binary discovered using XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 416-421.	4.4	18



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127	PLANET HUNTERS: NEW <i>KEPLER</i> PLANET CANDIDATES FROM ANALYSIS OF QUARTER 2. <i>Astronomical Journal</i> , 2013, 145, 151.	4.7	18
128	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
129	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
130	Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , 2020, 639, A76.	5.1	17
131	Securing the Legacy of TESS through the Care and Maintenance of TESS Planet Ephemerides. <i>Astronomical Journal</i> , 2020, 159, 219.	4.7	17
132	Stellar variability on time-scales of minutes: results from the first 5 years of the Rapid Temporal Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2696-2708.	4.4	16
133	Simultaneous Multiwavelength Flare Observations of EV Lacertae. <i>Astrophysical Journal</i> , 2021, 922, 31.	4.5	16
134	Ninety-seven Eclipsing Quadruple Star Candidates Discovered in TESS Full-frame Images. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 66.	7.7	16
135	KIC 10449976: discovery of an extreme helium subdwarf in the Kepler field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 3207-3213.	4.4	15
136	Photometry of very bright stars with <i>Kepler</i> and K2 smear data. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 455, L36-L40.	3.3	15
137	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , 2020, 160, 113.	4.7	15
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