

# David Latham

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

539  
papers

42,377  
citations

104  
h-index

191  
g-index

567  
ext. papers

48,600  
ext. citations

7.2  
avg, IF

6.64  
L-index

#	Paper	IF	Citations
539	TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. <i>Astronomical Journal</i> , <b>2022</b> , 163, 53	4.9	2
538	K2-79b and K2-222b: Mass Measurements of Two Small Exoplanets with Periods beyond 10 days that Overlap with Periodic Magnetic Activity Signals. <i>Astronomical Journal</i> , <b>2022</b> , 163, 41	4.9	1
537	TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 106. <i>Astrophysical Journal, Supplement Series</i> , <b>2022</b> , 258, 16	8	5
536	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of $\mu$ Men c. <i>Astronomical Journal</i> , <b>2022</b> , 163, 79	4.9	3
535	Photodynamical Modeling of the Fascinating Eclipses in the Triple-star System KOI-126. <i>Astrophysical Journal</i> , <b>2022</b> , 924, 66	4.7	1
534	The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. <i>Astronomical Journal</i> , <b>2022</b> , 163, 61	4.9	2
533	TESS-Keck Survey. IX. Masses of Three Sub-Neptunes Orbiting HD 191939 and the Discovery of a Warm Jovian plus a Distant Substellar Companion. <i>Astronomical Journal</i> , <b>2022</b> , 163, 101	4.9	2
532	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. <i>Astronomical Journal</i> , <b>2022</b> , 163, 82	4.9	1
531	TESS Giants Transiting Giants. II. The Hottest Jupiters Orbiting Evolved Stars. <i>Astronomical Journal</i> , <b>2022</b> , 163, 120	4.9	1
530	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. <i>Astronomical Journal</i> , <b>2022</b> , 163, 133	4.9	0
529	NEID Rossiter-McLaughlin Measurement of TOI-1268b: A Young Warm Saturn Aligned with Its Cool Host Star. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 926, L7	7.9	1
528	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> , <b>2022</b> , 163, 151	4.9	0
527	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. <i>Astronomical Journal</i> , <b>2022</b> , 163, 147	4.9	1
526	TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux. <i>Astronomical Journal</i> , <b>2022</b> , 163, 156	4.9	4
525	Complex Modulation of Rapidly Rotating Young M Dwarfs: Adding Pieces to the Puzzle. <i>Astronomical Journal</i> , <b>2022</b> , 163, 144	4.9	1
524	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. <i>Astronomical Journal</i> , <b>2022</b> , 163, 9	4.9	1
523	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 511, 83-99	4.3	1

522	TOI-1670 b and c: An Inner Sub-Neptune with an Outer Warm Jupiter Unlikely to Have Originated from High-eccentricity Migration. <i>Astronomical Journal</i> , <b>2022</b> , 163, 225	4.9	
521	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , <b>2022</b> , 163, 207	4.9	2
520	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2018. <i>Astronomical Journal</i> , <b>2022</b> , 163, 254	4.9	1
519	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. <i>Astronomical Journal</i> , <b>2022</b> , 163, 269	4.9	1
518	The TESS-Keck Survey: * Science Goals and Target Selection. <i>Astronomical Journal</i> , <b>2022</b> , 163, 297	4.9	0
517	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. <i>Astronomical Journal</i> , <b>2022</b> , 163, 289	4.9	1
516	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI 1246. <i>Astronomical Journal</i> , <b>2022</b> , 163, 293	4.9	0
515	New Perspectives on the Exoplanet Radius Gap from a Mathematica Tool and Visualized Water Equation of State. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 247	4.7	1
514	Long-term Spectroscopic Survey of the Pleiades Cluster: The Binary Population. <i>Astrophysical Journal</i> , <b>2021</b> , 921, 117	4.7	1
513	The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. <i>Astronomical Journal</i> , <b>2021</b> , 162, 265	4.9	1
512	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , <b>2021</b> , 162, 234	4.9	6
511	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. <i>Astronomical Journal</i> , <b>2021</b> , 162, 256	4.9	3
510	Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-poor K Dwarf. <i>Astronomical Journal</i> , <b>2021</b> , 162, 238	4.9	0
509	Mixed Modes and Asteroseismic Surface Effects. II. Subgiant Systematics. <i>Astrophysical Journal</i> , <b>2021</b> , 922, 18	4.7	1
508	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. <i>Science</i> , <b>2021</b> , 374, 1271-1275	33.3	4
507	Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS. <i>Astronomical Journal</i> , <b>2021</b> , 161, 2	4.9	18
506	TOI 540 b: A Planet Smaller than Earth Orbiting a Nearby Rapidly Rotating Low-mass Star. <i>Astronomical Journal</i> , <b>2021</b> , 161, 23	4.9	5
505	TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS. <i>Astronomical Journal</i> , <b>2021</b> , 161, 13	4.9	6

504	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , <b>2021</b> , 161, 36	4.9	33
503	Estimating Magnetic Filling Factors from Simultaneous Spectroscopy and Photometry: Disentangling Spots, Plage, and Network. <i>Astrophysical Journal</i> , <b>2021</b> , 920, 21	4.7	1
502	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , <b>2021</b> , 162, 215	4.9	2
501	TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere. <i>Astronomical Journal</i> , <b>2021</b> , 162, 218	4.9	4
500	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 920, L16	7.9	3
499	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> , <b>2021</b> , 645, A16	5.1	3
498	Science Extraction from TESS Observations of Known Exoplanet Hosts. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2021</b> , 133, 014402	5	6
497	An unusually low density ultra-short period super-Earth and three mini-Neptunes around the old star TOI-561. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 501, 4148-4166	4.3	10
496	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3704-3722	4.3	17
495	Precise Transit and Radial-velocity Characterization of a Resonant Pair: The Warm Jupiter TOI-216c and Eccentric Warm Neptune TOI-216b. <i>Astronomical Journal</i> , <b>2021</b> , 161, 161	4.9	6
494	A Decade of Radial-velocity Monitoring of Vega and New Limits on the Presence of Planets. <i>Astronomical Journal</i> , <b>2021</b> , 161, 157	4.9	3
493	Stellar Radial Velocities in the Old Open Cluster M67 (NGC 2682). II. The Spectroscopic Binary Population. <i>Astronomical Journal</i> , <b>2021</b> , 161, 190	4.9	10
492	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , <b>2021</b> , 161, 194	4.9	5
491	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , <b>2021</b> , 371, 1038-1041	33.3	12
490	TESS Hunt for Young and Maturing Exoplanets (THYME). V. A Sub-Neptune Transiting a Young Star in a Newly Discovered 250 Myr Association. <i>Astronomical Journal</i> , <b>2021</b> , 161, 171	4.9	10
489	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , <b>2021</b> , 161, 162	4.9	17
488	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , <b>2021</b> , 161, 235	4.9	5
487	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> , <b>2021</b> , 648, A75	5.1	7

486	Three years of HARPS-N high-resolution spectroscopy and precise radial velocity data for the Sun. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 648, A103	5.1	11
485	Discovery of a young low-mass brown dwarf transiting a fast-rotating F-type star by the Galactic Plane eXoplanet (GPX) survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 4956-4967	4.3	0
484	Hot planets around cool stars [Two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 4684-4701	4.3	3
483	Mass and density of the transiting hot and rocky super-Earth LHS 1478 b (TOI-1640 b). <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A144	5.1	3
482	TOI-220 b: a warm sub-Neptune discovered by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 3361-3379	4.3	2
481	Dissecting the Quadruple Binary Hyad vA 351 Masses for Three M Dwarfs and a White Dwarf*. <i>Astronomical Journal</i> , <b>2021</b> , 161, 285	4.9	1
480	Separating planetary reflex Doppler shifts from stellar variability in the wavelength domain. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 1699-1717	4.3	12
479	Detection Limits of Low-mass, Long-period Exoplanets Using Gaussian Processes Applied to HARPS-N Solar Radial Velocities. <i>Astronomical Journal</i> , <b>2021</b> , 161, 287	4.9	4
478	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 255, 6	8	4
477	TOI-269 b: an eccentric sub-Neptune transiting a M2 dwarf revisited with ExTrA. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 650, A145	5.1	3
476	HAT-P-58b [HAT-P-64b: Seven Planets Transiting Bright Stars*. <i>Astronomical Journal</i> , <b>2021</b> , 162, 7	4.9	2
475	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 254, 39	8	50
474	TOI-1259Ab [a gas giant planet with 2.7 per cent deep transits and a bound white dwarf companion. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 4132-4148	4.3	1
473	The K2 M67 Study: Precise Mass for a Turnoff Star in the Old Open Cluster M67. <i>Astronomical Journal</i> , <b>2021</b> , 161, 59	4.9	2
472	TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. <i>Astronomical Journal</i> , <b>2021</b> , 161, 97	4.9	13
471	HAT-P-68b: A Transiting Hot Jupiter around a K5 Dwarf Star. <i>Astronomical Journal</i> , <b>2021</b> , 161, 64	4.9	0
470	Early-time Light Curves of Type Ia Supernovae Observed with TESS. <i>Astrophysical Journal</i> , <b>2021</b> , 908, 51	4.7	11
469	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. <i>Astronomical Journal</i> , <b>2021</b> , 162, 54	4.9	4

468	TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. <i>Astronomical Journal</i> , <b>2021</b> , 162, 62	4.9	3
467	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. <i>Astronomical Journal</i> , <b>2021</b> , 162, 79	4.9	5
466	A HARPS-N mass for the elusive Kepler-37d: a case study in disentangling stellar activity and planetary signals. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 1847-1868	4.3	1
465	TOI-942b: A Prograde Neptune in a ~ 60 Myr Old Multi-transiting System*. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 917, L34	7.9	5
464	TIC 454140642: A Compact, Coplanar, Quadruple-lined Quadruple Star System Consisting of Two Eclipsing Binaries. <i>Astrophysical Journal</i> , <b>2021</b> , 917, 93	4.7	9
463	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> , <b>2021</b> , 507, 2782-2803	4.3	3
462	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , <b>2021</b> , 162, 87	4.9	4
461	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 2220-2240	4.3	1
460	Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 652, A127	5.1	2
459	The TESS Mission Target Selection Procedure. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2021</b> , 133, 095002	5	1
458	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 653, A60	5.1	4
457	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. <i>Astronomical Journal</i> , <b>2021</b> , 162, 167	4.9	1
456	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , <b>2021</b> , 162, 161	4.9	4
455	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 653, A97	5.1	5
454	TOI-1278 B: SPIRou Unveils a Rare Brown Dwarf Companion in Close-in Orbit around an M Dwarf. <i>Astronomical Journal</i> , <b>2021</b> , 162, 144	4.9	3
453	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* □ <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 256, 33	8	9
452	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , <b>2021</b> , 161, 82	4.9	3
451	A planetary system with two transiting mini-Neptunes near the radius valley transition around the bright M dwarf TOI-776. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 645, A41	5.1	7

450	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces-Eridanus Stream. <i>Astronomical Journal</i> , <b>2021</b> , 161, 65	4.9	11
449	A hot mini-Neptune in the radius valley orbiting solar analogue HD 110113. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 4842-4857	4.3	3
448	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , <b>2021</b> , 162, 295	4.9	4
447	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. <i>Astronomical Journal</i> , <b>2021</b> , 162, 292	4.9	3
446	TOI-1338: TESS First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , <b>2020</b> , 159, 253	4.9	28
445	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission. <i>Astronomical Journal</i> , <b>2020</b> , 159, 151	4.9	19
444	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , <b>2020</b> , 159, 243	4.9	8
443	A Well-aligned Orbit for the 45 Myr-old Transiting Neptune DS Tuc Ab. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 892, L21	7.9	26
442	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , <b>2020</b> , 582, 497-500	50.4	58
441	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , <b>2020</b> , 160, 22	4.9	19
440	TOI-677b: A Warm Jupiter (P= 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , <b>2020</b> , 159, 145	4.9	18
439	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 892, L7	7.9	18
438	HATS-71b: A Giant Planet Transiting an M3 Dwarf Star in TESS Sector 1. <i>Astronomical Journal</i> , <b>2020</b> , 159, 267	4.9	10
437	KELT-9 b: Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spin-Orbit Misalignment. <i>Astronomical Journal</i> , <b>2020</b> , 160, 4	4.9	26
436	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , <b>2020</b> , 583, 39-42	50.4	37
435	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. <i>Astronomical Journal</i> , <b>2020</b> , 160, 3	4.9	35
434	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star $\kappa$ Indi. <i>Nature Astronomy</i> , <b>2020</b> , 4, 382-389	12.1	29
433	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 5399-5412	4.3	16

432	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , <b>2020</b> , 159, 60	4.9	88
431	A Habitable-zone Earth-sized Planet Rescued from False Positive Status. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 893, L27	7.9	8
430	TOI-132 b: A short-period planet in the Neptune desert transiting a V <sub>113</sub> -type star?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 973-985	4.3	14
429	HATS-47b, HATS-48Ab, HATS-49b, and HATS-72b: Four Warm Giant Planets Transiting K Dwarfs. <i>Astronomical Journal</i> , <b>2020</b> , 159, 173	4.9	4
428	Securing the Legacy of TESS through the Care and Maintenance of TESS Planet Ephemerides. <i>Astronomical Journal</i> , <b>2020</b> , 159, 219	4.9	10
427	The TESS Beek Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras. <i>Astronomical Journal</i> , <b>2020</b> , 159, 241	4.9	16
426	TIC 278956474: Two Close Binaries in One Young Quadruple System Identified by TESS. <i>Astronomical Journal</i> , <b>2020</b> , 160, 76	4.9	8
425	PTFO 8-8695: Two Stars, Two Signals, No Planet. <i>Astronomical Journal</i> , <b>2020</b> , 160, 86	4.9	4
424	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. <i>Astronomical Journal</i> , <b>2020</b> , 160, 111	4.9	12
423	TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet. <i>Astronomical Journal</i> , <b>2020</b> , 160, 96	4.9	12
422	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , <b>2020</b> , 160, 113	4.9	5
421	The Multiplanet System TOI-421. <i>Astronomical Journal</i> , <b>2020</b> , 160, 114	4.9	10
420	Exploring the Atmospheric Dynamics of the Extreme Ultrahot Jupiter KELT-9b Using TESS Photometry. <i>Astronomical Journal</i> , <b>2020</b> , 160, 88	4.9	31
419	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , <b>2020</b> , 160, 229	4.9	5
418	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , <b>2020</b> , 160, 116	4.9	30
417	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , <b>2020</b> , 160, 117	4.9	15
416	TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars. <i>Astronomical Journal</i> , <b>2020</b> , 160, 133	4.9	8
415	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , <b>2020</b> , 160, 129	4.9	8



4 <sup>14</sup>	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. <i>Astronomical Journal</i> , <b>2020</b> , 160, 209	4.9	9
4 <sup>13</sup>	Systematic Phase Curve Study of Known Transiting Systems from Year One of the TESS Mission. <i>Astronomical Journal</i> , <b>2020</b> , 160, 155	4.9	24
4 <sup>12</sup>	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , <b>2020</b> , 160, 153	4.9	12
4 <sup>11</sup>	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. <i>Astronomical Journal</i> , <b>2020</b> , 160, 179	4.9	32
4 <sup>10</sup>	The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c. <i>Astronomical Journal</i> , <b>2020</b> , 160, 193	4.9	11
4 <sup>09</sup>	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , <b>2020</b> , 160, 235	4.9	9
4 <sup>08</sup>	Orbits of Five Triple Stars. <i>Astronomical Journal</i> , <b>2020</b> , 160, 251	4.9	3
4 <sup>07</sup>	A Highly Eccentric Warm Jupiter Orbiting TIC 237913194. <i>Astronomical Journal</i> , <b>2020</b> , 160, 275	4.9	9
4 <sup>06</sup>	When Do Stalled Stars Resume Spinning Down? Advancing Gyrochronology with Ruprecht 147. <i>Astrophysical Journal</i> , <b>2020</b> , 904, 140	4.7	25
4 <sup>05</sup>	GJ 1252 b: A 1.2 R <sub>J</sub> Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 890, L7	7.9	18
4 <sup>04</sup>	An ultra-short period rocky super-Earth orbiting the G2-star HD 80653. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 633, A133	5.1	14
4 <sup>03</sup>	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 644, A127	5.1	10
4 <sup>02</sup>	An extreme-mass ratio, short-period eclipsing binary consisting of a B dwarf primary and a pre-main-sequence M star companion discovered by KELT. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 3775-3791	4.3	2
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396	Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 639, A76	5.1	10
395	Spectroscopic Orbits of 11 Nearby, Mid-to-late M-dwarf Binaries. <i>Astronomical Journal</i> , <b>2020</b> , 159, 290	4.9	6
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389	A giant planet candidate transiting a white dwarf. <i>Nature</i> , <b>2020</b> , 585, 363-367	50.4	55
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386	Radial velocity confirmation of K2-100b: a young, highly irradiated, and low-density transiting hot Neptune. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 698-708	4.3	25
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381	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , <b>2019</b> , 157, 245	4.9	51
380	WASP-4b Arrived Early for the TESS Mission. <i>Astronomical Journal</i> , <b>2019</b> , 157, 217	4.9	39
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376	Qatar Exoplanet Survey: Qatar-7b – Very Hot Jupiter Orbiting a Metal-rich F-Star. <i>Astronomical Journal</i> , <b>2019</b> , 157, 74	4.9	1
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360	Absence of a thick atmosphere on the terrestrial exoplanet LHS844b. <i>Nature</i> , <b>2019</b> , 573, 87-90	50.4	73
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336	Speckle Observations and Orbits of Multiple Stars. <i>Astronomical Journal</i> , <b>2019</b> , 158, 167	4.9	9
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333	A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system. <i>Nature Astronomy</i> , <b>2019</b> , 3, 416-423	12.1	34
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315	The Warm Neptunes around HD 106315 Have Low Stellar Obliquities. <i>Astronomical Journal</i> , <b>2018</b> , 156, 93	4.9	14
314	The Kepler Follow-up Observation Program. II. Stellar Parameters from Medium- and High-resolution Spectroscopy. <i>Astrophysical Journal</i> , <b>2018</b> , 861, 149	4.7	17
313	The TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , <b>2018</b> , 156, 102	4.9	279
312	An Accurate Mass Determination for Kepler-1655b, a Moderately Irradiated World with a Significant Volatile Envelope. <i>Astronomical Journal</i> , <b>2018</b> , 155, 203	4.9	15
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292	HAT-TR-318-007: A Double-lined M Dwarf Binary with Total Secondary Eclipses Discovered by HATNet and Observed by K2. <i>Astronomical Journal</i> , <b>2018</b> , 155, 114	4.9	10
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289	A temperate rocky super-Earth transiting a nearby cool star. <i>Nature</i> , <b>2017</b> , 544, 333-336	50.4	227

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286	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. <i>Nature</i> , <b>2017</b> , 546, 514-518	50.4	153
285	Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. I. Oscillation Mode Parameters. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 172	4.7	140
284	Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. II. Radii, Masses, and Ages. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 173	4.7	161
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279	Qatar Exoplanet Survey : Qatar-3b, Qatar-4b, and Qatar-5b. <i>Astronomical Journal</i> , <b>2017</b> , 153, 200	4.9	29
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17	The unseen companion of HD114762: a probable brown dwarf. <i>Nature</i> , <b>1989</b> , 339, 38-40	50.4	298
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8	Precise radial velocities of late-type stars in the open clusters M11 and M67. <i>Astronomical Journal</i> , <b>1986</b> , 92, 1100	4.9	75
7	The spatial distribution of spectroscopic binaries and blue stragglers in the open cluster M67. <i>Astronomical Journal</i> , <b>1986</b> , 92, 1364	4.9	72
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3	TOI-2257 b: A highly eccentric long-period sub-Neptune transiting a nearby M dwarf. <i>Astronomy and Astrophysics</i> ,	5.1	3
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1	TOI-1201 b: a mini-Neptune transiting a bright and moderately young M dwarf. <i>Astronomy and Astrophysics</i> ,	5.1	2

