

Keivan G Stassun

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.

470
papers

23,787
citations

66
h-index

139
g-index

501
ext. papers

28,423
ext. citations

5.9
avg, IF

6.74
L-index

#	Paper	IF	Citations
470	TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 106. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 16	8	5
469	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	4.9	3
468	Resolving the Multiplicity of Exoplanet Host Stars in Gemini/NIRI Data. <i>Research Notes of the AAS</i> , 2022 , 6, 8	0.8	0
467	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. <i>Astronomical Journal</i> , 2022 , 163, 82	4.9	1
466	The Impact of Observing Strategy on the Reliable Classification of Standard Candle Stars: Detection of Amplitude, Period, and Phase Modulation (Blazhko Effect) of RR Lyrae Stars with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 4	8	0
465	Thermal Phase Curves of XO-3b: An Eccentric Hot Jupiter at the Deuterium Burning Limit. <i>Astronomical Journal</i> , 2022 , 163, 32	4.9	2
464	The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets. <i>Astronomical Journal</i> , 2022 , 163, 128	4.9	0
463	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	4.9	0
462	APOGEE Net: An Expanded Spectral Model of Both Low-mass and High-mass Stars. <i>Astronomical Journal</i> , 2022 , 163, 152	4.9	1
461	Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey. <i>Astrophysical Journal</i> , 2022 , 927, 123	4.7	0
460	Stellar multiplicity and stellar rotation: insights from APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2051-2061	4.3	1
459	Complex Modulation of Rapidly Rotating Young M Dwarfs: Adding Pieces to the Puzzle. <i>Astronomical Journal</i> , 2022 , 163, 144	4.9	1
458	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 83-99	4.3	1
457	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022 , 163, 207	4.9	2
456	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. <i>Astronomical Journal</i> , 2022 , 163, 269	4.9	1
455	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI 1246. <i>Astronomical Journal</i> , 2022 , 163, 293	4.9	0
454	TESS Asteroseismology of ϵ Mensae: Benchmark Ages for a G7 Dwarf and Its M Dwarf Companion. <i>Astrophysical Journal</i> , 2021 , 922, 229	4.7	2

453	The Near-stellar Environment of Class 0 Protostars: A First Look with Near-infrared Spectroscopy. <i>Astrophysical Journal</i> , 2021 , 921, 110	4.7	1
452	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021 , 162, 234	4.9	6
451	Magnetic and Rotational Evolution of ϵ CrB from Asteroseismology with TESS. <i>Astrophysical Journal</i> , 2021 , 921, 122	4.7	2
450	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. <i>Astronomical Journal</i> , 2021 , 162, 256	4.9	3
449	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021 , 162, 215	4.9	2
448	TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere. <i>Astronomical Journal</i> , 2021 , 162, 218	4.9	4
447	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. <i>Astronomical Journal</i> , 2021 , 162, 184	4.9	10
446	Asteroseismology of ι Draconis and Discovery of an Additional Long-period Companion. <i>Astronomical Journal</i> , 2021 , 162, 211	4.9	0
445	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	3
444	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 3704-3722	4.3	17
443	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021 , 161, 194	4.9	5
442	Multiwavelength Observations of the RV Tauri Variable System U Monocerotis: Long-term Variability Phenomena That Can Be Explained by Binary Interactions with a Circumbinary Disk. <i>Astrophysical Journal</i> , 2021 , 909, 138	4.7	2
441	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> , 2021 , 161, 171	4.9	10
440	TESS unveils the optical phase curve of KELT-1b. <i>Astronomy and Astrophysics</i> , 2021 , 648, A71	5.1	3
439	Discovery and Characterization of a Rare Magnetic Hybrid ϵ Cephei Slowly Pulsating B-type Star in an Eclipsing Binary in the Young Open Cluster NGC 6193. <i>Astrophysical Journal</i> , 2021 , 910, 133	4.7	1
438	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	7
437	Around Which Stars Can TESS Detect Earth-like Planets? The Revised TESS Habitable Zone Catalog. <i>Astronomical Journal</i> , 2021 , 161, 233	4.9	0
436	NEMESIS: Exoplanet Transit Survey of Nearby M-dwarfs in TESS FFIs. I.. <i>Astronomical Journal</i> , 2021 , 161, 247	4.9	2

435	Planet Hunters TESS III: two transiting planets around the bright G dwarf HD 152843. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 1827-1840	4.3	1
434	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> , 2021 , 505, 4956-4967	4.3	0
433	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> , 2021 , 505, 4684-4701	4.3	3
432	Weighing stars from birth to death: mass determination methods across the HRD. <i>Astronomy and Astrophysics Review</i> , 2021 , 29, 1	28.8	12
431	Testing the Limits of Precise Subgiant Characterization with APOGEE and Gaia: Opening a Window to Unprecedented Astrophysical Studies. <i>Astrophysical Journal</i> , 2021 , 915, 19	4.7	5
430	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 254, 39	8	50
429	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> , 2021 , 507, 4132-4148	4.3	1
428	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. <i>Astronomical Journal</i> , 2021 , 161, 56	4.9	11
427	Parallax Systematics and Photocenter Motions of Benchmark Eclipsing Binaries in Gaia EDR3. <i>Astrophysical Journal Letters</i> , 2021 , 907, L33	7.9	55
426	Bow shocks, nova shells, disc winds and tilted discs: the nova-like V341[Ara has it all. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 1951-1969	4.3	2
425	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> , 2021 , 161, 97	4.9	13
424	Gaia EDR3 Confirms that Westerlund 1 is Closer and Older than Previously Thought. <i>Research Notes of the AAS</i> , 2021 , 5, 14	0.8	2
423	Two Planets Straddling the Habitable Zone of the Nearby K Dwarf Gl 414A. <i>Astronomical Journal</i> , 2021 , 161, 86	4.9	2
422	Following up TESS Single Transits with Archival Photometry and Radial Velocities. <i>Astronomical Journal</i> , 2021 , 161, 124	4.9	3
421	Analysis of Previously Classified White Dwarf/Main-sequence Binaries Using Data from the APOGEE Survey. <i>Astronomical Journal</i> , 2021 , 161, 143	4.9	1
420	Hot-pressed 6LiInSe2 for use as a ceramic radiation detector. <i>Optical Materials</i> , 2021 , 112, 110798	3.3	1
419	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> , 2021 , 162, 54	4.9	4
418	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. <i>Astronomical Journal</i> , 2021 , 162, 79	4.9	5

4 ¹⁷	The Hubble PanCET Program: Transit and Eclipse Spectroscopy of the Strongly Irradiated Giant Exoplanet WASP-76b. <i>Astronomical Journal</i> , 2021 , 162, 108	4.9	13
4 ¹⁶	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	4.3	3
4 ¹⁵	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , 2021 , 162, 87	4.9	4
4 ¹⁴	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 2220-2240	4.3	1
4 ¹³	Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit. <i>Astronomy and Astrophysics</i> , 2021 , 652, A127	5.1	2
4 ¹²	Symbiotic Stars in the Apache Point Observatory Galactic Evolution Experiment Survey: The Case of LIN 358 and SMC N73 (LIN 445a). <i>Astrophysical Journal</i> , 2021 , 918, 19	4.7	0
4 ¹¹	TOI-1296b and TOI-1298b observed with TESS and SOPHIE: two hot Saturn-mass exoplanets with different densities around metal-rich stars. <i>Astronomy and Astrophysics</i> , 2021 , 653, A147	5.1	1
4 ¹⁰	The TESS Mission Target Selection Procedure. <i>Publications of the Astronomical Society of the Pacific</i> , 2021 , 133, 095002	5	1
4 ⁰⁹	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. <i>Astronomy and Astrophysics</i> , 2021 , 653, A60	5.1	4
4 ⁰⁸	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. <i>Astronomical Journal</i> , 2021 , 162, 167	4.9	1
4 ⁰⁷	2M17091769+3127589: A Mass-transfer Binary with an Extreme Mass Ratio. <i>Astronomical Journal</i> , 2021 , 162, 131	4.9	1
4 ⁰⁶	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021 , 162, 161	4.9	4
4 ⁰⁵	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. <i>Astronomy and Astrophysics</i> , 2021 , 653, A97	5.1	5
4 ⁰⁴	Detailed Abundances of Planet-hosting Open Clusters. The Praesepe (Beehive) Cluster*. <i>Astrophysical Journal</i> , 2021 , 919, 100	4.7	0
4 ⁰³	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021 , 161, 82	4.9	3
4 ⁰²	A hot mini-Neptune in the radius valley orbiting solar analogue HD 110113. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 4842-4857	4.3	3
4 ⁰¹	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. <i>Astronomical Journal</i> , 2021 , 161, 85	4.9	4
4 ⁰⁰	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. <i>Astronomical Journal</i> , 2021 , 162, 302	4.9	3

399	Stellar Rotation of T Tauri Stars in the Orion Star-forming Complex. <i>Astrophysical Journal</i> , 2021 , 923, 177	4.7	2
398	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. <i>Astronomical Journal</i> , 2021 , 162, 292	4.9	3
397	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Color-Magnitude Diagram. <i>Astrophysical Journal</i> , 2020 , 895, 2	4.7	44
396	Spectral Classification of B Stars: The Empirical Sequence Using SDSS-IV/APOGEE Near-IR Data. <i>Astrophysical Journal</i> , 2020 , 894, 5	4.7	3
395	APOGEE Net: Improving the Derived Spectral Parameters for Young Stars through Deep Learning. <i>Astronomical Journal</i> , 2020 , 159, 182	4.9	15
394	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission. <i>Astronomical Journal</i> , 2020 , 159, 151	4.9	19
393	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020 , 159, 243	4.9	8
392	Long-period High-amplitude Red Variables in the KELT Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 44	8	3
391	TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. <i>Astrophysical Journal</i> , 2020 , 896, 65	4.7	8
390	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020 , 582, 497-500	50.4	58
389	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , 2020 , 160, 22	4.9	19
388	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020 , 892, L7	7.9	18
387	Inferring the parallax of Westerlund 1 from Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 2497-2509	4.3	8
386	Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities. <i>Astrophysical Journal</i> , 2020 , 890, 133	4.7	18
385	KELT-9 b Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spin-Orbit Misalignment. <i>Astronomical Journal</i> , 2020 , 160, 4	4.9	26
384	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020 , 583, 39-42	50.4	37
383	New Beta Cephei Stars from the KELT Project. <i>Astronomical Journal</i> , 2020 , 160, 32	4.9	6
382	Planet Hunters TESS I: TOI 813, a subgiant hosting a transiting Saturn-sized planet on an 84-day orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 750-763	4.3	27

381	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star Π ndi. <i>Nature Astronomy</i> , 2020 , 4, 382-389	12.1	29
380	Stellar Flares from the FirstTESSData Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , 2020 , 159, 60	4.9	88
379	Fundamental Parameters of ~30,000 M dwarfs in LAMOST DR1 Using Data-driven Spectral Modeling. <i>Astronomical Journal</i> , 2020 , 159, 193	4.9	4
378	TOI-132 b: A short-period planet in the Neptune desert transiting a $V_{\text{eff}} = 11.3$ G-type star?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 973-985	4.3	14
377	TESS asteroseismology of the known planet host star η Fornacis. <i>Astronomy and Astrophysics</i> , 2020 , 641, A25	5.1	6
376	A KELTTESS Eclipsing Binary in a Young Triple System Associated with the Local β tellar String Π Theia 301. <i>Astronomical Journal</i> , 2020 , 160, 187	4.9	1
375	Robust asteroseismic properties of the bright planet host HD β 8529. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 6084-6093	4.3	3
374	The TESS β eck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras. <i>Astronomical Journal</i> , 2020 , 159, 241	4.9	16
373	Rotationally Driven Ultraviolet Emission of Red Giant Stars. <i>Astronomical Journal</i> , 2020 , 160, 12	4.9	9
372	TIC 278956474: Two Close Binaries in One Young Quadruple System Identified by TESS. <i>Astronomical Journal</i> , 2020 , 160, 76	4.9	8
371	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> , 2020 , 160, 111	4.9	12
370	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , 2020 , 160, 113	4.9	5
369	The Multiplanet System TOI-421. <i>Astronomical Journal</i> , 2020 , 160, 114	4.9	10
368	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , 2020 , 160, 229	4.9	5
367	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020 , 160, 116	4.9	30
366	TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars. <i>Astronomical Journal</i> , 2020 , 160, 133	4.9	8
365	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , 2020 , 160, 153	4.9	12
364	The TESS Phase Curve of KELT-1b Suggests a High Dayside Albedo. <i>Astronomical Journal</i> , 2020 , 160, 211	4.9	10

363	Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. <i>Astronomical Journal</i> , 2020 , 160, 239	4.9	15
362	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , 2020 , 160, 235	4.9	9
361	Untangling the Galaxy. II. Structure within 3 kpc. <i>Astronomical Journal</i> , 2020 , 160, 279	4.9	24
360	An Unusual Transmission Spectrum for the Sub-Saturn KELT-11b Suggestive of a Subsolar Water Abundance. <i>Astronomical Journal</i> , 2020 , 160, 280	4.9	11
359	Stellar Parameters for the First Release of the MaStar Library: An Empirical Approach. <i>Astrophysical Journal</i> , 2020 , 899, 62	4.7	4
358	The Evolution of Rotation and Magnetic Activity in 94 Aqr Aa from Asteroseismology with TESS. <i>Astrophysical Journal</i> , 2020 , 900, 154	4.7	8
357	Assessing Spectroscopic Binary Multiplicity Properties Using Robo-AO Imaging. <i>Astrophysical Journal</i> , 2020 , 902, 107	4.7	5
356	GJ 1252 b: A 1.2 R _J Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020 , 890, L7	7.9	18
355	Geometry of the Draco C1 Symbiotic Binary. <i>Astrophysical Journal Letters</i> , 2020 , 900, L43	7.9	4
354	White Dwarfs in Close Binaries: A Systematic Search for Mass-transfer Systems and Supernova Ia Progenitors in the APOGEE Survey. <i>Research Notes of the AAS</i> , 2020 , 4, 127	0.8	4
353	Impact of Rubin Observatory LSST Template Acquisition Strategies on Early Science from the Transients and Variable Stars Science Collaboration: Non-time-critical Science Cases. <i>Research Notes of the AAS</i> , 2020 , 4, 40	0.8	3
352	Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems. <i>Astronomical Journal</i> , 2020 , 159, 197	4.9	1
351	A hot terrestrial planet orbiting the bright M dwarf L 168-9 unveiled by TESS. <i>Astronomy and Astrophysics</i> , 2020 , 636, A58	5.1	20
350	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020 , 644, A127	5.1	10
349	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> , 2020 , 499, 3775-3791	4.3	2
348	Evidence for H ₂ Dissociation and Recombination Heat Transport in the Atmosphere of KELT-9b. <i>Astrophysical Journal Letters</i> , 2020 , 888, L15	7.9	39
347	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 1761-1769	4.3	16
346	A super-Earth and a sub-Neptune orbiting the bright, quiet M3 dwarf TOI-1266. <i>Astronomy and Astrophysics</i> , 2020 , 642, A49	5.1	20

345	CzeV1731: The unique doubly eclipsing quadruple system. <i>Astronomy and Astrophysics</i> , 2020 , 642, A63	5.1	2
344	Two Intermediate-mass Transiting Brown Dwarfs from the TESS Mission. <i>Astronomical Journal</i> , 2020 , 160, 53	4.9	26
343	Stellar population models based on the SDSS-IV MaStar library of stellar spectra II. Intermediate-age/old models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 2962-2997	4.3	17
342	The Close Binary Fraction as a Function of Stellar Parameters in APOGEE: A Strong Anti-Correlation With α Abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4.3	13
341	TESS unveils the phase curve of WASP-33b. <i>Astronomy and Astrophysics</i> , 2020 , 639, A34	5.1	20
340	A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020 , 585, 363-367	5.0.4	55
339	The TOI-763 system: sub-Neptunes orbiting a Sun-like star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 4503-4517	4.3	5
338	LHS 1815b: The First Thick-disk Planet Detected by TESS. <i>Astronomical Journal</i> , 2020 , 159, 160	4.9	12
337	The Time-domain Spectroscopic Survey: Radial Velocity Variability in Dwarf Carbon Stars. <i>Astrophysical Journal</i> , 2019 , 877, 44	4.7	7
336	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019 , 871, L24	7.9	83
335	Complex Rotational Modulation of Rapidly Rotating M Stars Observed with TESS. <i>Astrophysical Journal</i> , 2019 , 876, 127	4.7	25
334	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019 , 157, 245	4.9	51
333	TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ. <i>Astrophysical Journal Letters</i> , 2019 , 877, L29	7.9	10
332	WASP-4b Arrived Early for the TESS Mission. <i>Astronomical Journal</i> , 2019 , 157, 217	4.9	39
331	A Multi-year Search for Transits of Proxima Centauri. II. No Evidence for Transit Events with Periods between 1 and 30 days. <i>Astronomical Journal</i> , 2019 , 157, 226	4.9	4
330	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. <i>Astrophysical Journal Letters</i> , 2019 , 876, L24	7.9	21
329	Close Companions around Young Stars. <i>Astronomical Journal</i> , 2019 , 157, 196	4.9	41
328	Precovery of Transiting Exoplanet Survey Satellite Single Transits with Kilodegree Extremely Little Telescope. <i>Astronomical Journal</i> , 2019 , 157, 37	4.9	7

327	TESS Full Orbital Phase Curve of the WASP-18b System. <i>Astronomical Journal</i> , 2019 , 157, 178	4.9	51
326	Kepler-730: A Hot Jupiter System with a Close-in, Transiting, Earth-sized Planet. <i>Astrophysical Journal Letters</i> , 2019 , 870, L17	7.9	19
325	Discovery of Resolved Magnetically Split Lines in SDSS/APOGEE Spectra of 157 Ap/Bp Stars. <i>Astrophysical Journal Letters</i> , 2019 , 873, L5	7.9	11
324	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	4.9	37
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