Keivan G Stassun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4062689/publications.pdf

Version: 2024-02-01

492 papers	32,549 citations	8749 75 h-index	5986 160 g-index
501 all docs	501 docs citations	501 times ranked	13710 citing authors

#	Article	IF	Citations
1	TOI-2285b: A 1.7 Earth-radius planet near the habitable zone around a nearby M dwarf. Publication of the Astronomical Society of Japan, 2022, 74, L1-L8.	1.0	5
2	HD 207897 b: A dense sub-Neptune transiting a nearby and bright K-type star. Astronomy and Astrophysics, 2022, 658, A176.	2.1	5
3	TOI-2257 b: A highly eccentric long-period sub-Neptune transiting a nearby M dwarf. Astronomy and Astrophysics, 2022, 657, A45.	2.1	15
4	TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 1â€“26. Astrophysical Journal, Supplement Series, 2022, 258, 16.	3.0	50
5	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of ΙΕ Men c. Astronomical Journal, 2022, 163, 79.	1.9	22
6	Resolving the Multiplicity of Exoplanet Host Stars in Gemini/NIRI Data. Research Notes of the AAS, 2022, 6, 8.	0.3	1
7	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. Astronomical Journal, 2022, 163, 82.	1.9	6
8	TOI-1759 b: A transiting sub-Neptune around a low mass star characterized with SPIRou and TESS. Astronomy and Astrophysics, 2022, 660, A86.	2.1	15
9	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. Astrophysical Journal, Supplement Series, 2022, 258, 4.	3.0	4
10	Thermal Phase Curves of XO-3b: An Eccentric Hot Jupiter at the Deuterium Burning Limit. Astronomical Journal, 2022, 163, 32.	1.9	6
11	The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets. Astronomical Journal, 2022, 163, 128.	1.9	6
12	The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc. Astronomical Journal, 2022, 163, 151.	1.9	6
13	APOGEE Net: An Expanded Spectral Model of Both Low-mass and High-mass Stars. Astronomical Journal, 2022, 163, 152.	1.9	16
14	TOI-1268b: The youngest hot Saturn-mass transiting exoplanet. Astronomy and Astrophysics, 2022, 662, A107.	2.1	4
15	Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey. Astrophysical Journal, 2022, 927, 123.	1.6	12
16	Stellar multiplicity and stellar rotation: insights from APOGEE. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2051-2061.	1.6	9
17	Complex Modulation of Rapidly Rotating Young M Dwarfs: Adding Pieces to the Puzzle. Astronomical Journal, 2022, 163, 144.	1.9	12
18	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 83-99.	1.6	23

#	Article	IF	Citations
19	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. Astronomical Journal, 2022, 163, 207.	1.9	15
20	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. Astronomical Journal, 2022, 163, 269.	1.9	4
21	HDÂ28109 hosts a trio of transiting Neptunian planets including a near-resonant pair, confirmed by ASTEP from Antarctica. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1328-1345.	1.6	9
22	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOIâ€“1246. Astronomical Journal, 2022, 163, 293.	1.9	7
23	TOI-1696: A Nearby M4 Dwarf with a 3 R _{âŠ•} Planet in the Neptunian Desert. Astronomical Journal, 2022, 163, 298.	1.9	6
24	The Discovery of a Planetary Companion Interior to Hot Jupiter WASP-132 b. Astronomical Journal, 2022, 164, 13.	1.9	10
25	Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances. Astrophysical Journal, Supplement Series, 2022, 260, 32.	3.0	15
26	TOI-2119: a transiting brown dwarf orbiting an active M-dwarf from NASAâ€™s TESS mission. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4944-4957.	1.6	6
27	Transit Timing Variations for AU Microscopii b and c. Astronomical Journal, 2022, 164, 27.	1.9	10
28	The Origin of Weakened Magnetic Braking in Old Solar Analogs. Astrophysical Journal Letters, 2022, 933, L17.	3.0	21
29	Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way. Astrophysical Journal Letters, 2022, 933, L18.	3.0	1
30	Dynamical Star-forming History of Per OB2. Astronomical Journal, 2022, 164, 57.	1.9	7
31	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. Astronomical Journal, 2021, 161, 56.	1.9	30
32	Parallax Systematics and Photocenter Motions of Benchmark Eclipsing Binaries in Gaia EDR3. Astrophysical Journal Letters, 2021, 907, L33.	3.0	175
33	Bow shocks, nova shells, disc winds and tilted discs: the nova-like V341ÂAra has it all. Monthly Notices of the Royal Astronomical Society, 2021, 501, 1951-1969.	1.6	8
34	TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. Astronomical Journal, 2021, 161, 97.	1.9	25
35	Gaia EDR3 Confirms that Westerlund 1 is Closer and Older than Previously Thought. Research Notes of the AAS, 2021, 5, 14.	0.3	2
36	Two Planets Straddling the Habitable Zone of the Nearby K Dwarf Gl 414A. Astronomical Journal, 2021, 161, 86.	1.9	7

#	Article	IF	Citations
37	Following up TESS Single Transits with Archival Photometry and Radial Velocities. Astronomical Journal, 2021, 161, 124.	1.9	3
38	Analysis of Previously Classified White Dwarfâ€“Main-sequence Binaries Using Data from the APOGEE Survey. Astronomical Journal, 2021, 161, 143.	1.9	2
39	Hot-pressed 6LiInSe2 for use as a ceramic radiation detector. Optical Materials, 2021, 112, 110798.	1.7	2
40	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. Astronomical Journal, 2021, 161, 194.	1.9	22
41	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. Astrophysical Journal, 2021, 909, 138.	1.6	4
42	TESS Hunt for Young and Maturing Exoplanets (THYME). V. A Sub-Neptune Transiting a Young Star in a Newly Discovered 250 Myr Association. Astronomical Journal, 2021, 161, 171.	1.9	35
43	TESS unveils the optical phase curve of KELT-1b. Astronomy and Astrophysics, 2021, 648, A71.	2.1	13
44	Discovery and Characterization of a Rare Magnetic Hybrid Î² Cephei Slowly Pulsating B-type Star in an Eclipsing Binary in the Young Open Cluster NGC 6193. Astrophysical Journal, 2021, 910, 133.	1.6	2
45	A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130). Astronomy and Astrophysics, 2021, 648, A75.	2.1	22
46	Around Which Stars Can TESS Detect Earth-like Planets? The Revised TESS Habitable Zone Catalog. Astronomical Journal, 2021, 161, 233.	1.9	3
47	NEMESIS: Exoplanet Transit Survey of Nearby M-dwarfs in TESS FFIs. I.. Astronomical Journal, 2021, 161, 247.	1.9	9
48	Planet Hunters TESS III: two transiting planets around the bright GÂdwarf HD 152843. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1827-1840.	1.6	5
49	Discovery of a young low-mass brown dwarf transiting a fast-rotating F-type star by the Galactic Plane eXoplanet (GPX) survey. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4956-4967.	1.6	5
50	Hot planets around cool stars â€“ two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4684-4701.	1.6	9
51	Weighing stars from birth to death: mass determination methods across the HRD. Astronomy and Astrophysics Review, 2021, 29, 1.	9.1	38
52	Testing the Limits of Precise Subgiant Characterization with APOGEE and Gaia: Opening a Window to Unprecedented Astrophysical Studies. Astrophysical Journal, 2021, 915, 19.	1.6	12
53	The TESS Objects of Interest Catalog from the TESS Prime Mission. Astrophysical Journal, Supplement Series, 2021, 254, 39.	3.0	190
54	TOI-1259Ab â€“ a gas giant planet with 2.7â€‰perâ€‰cent deep transits and a bound white dwarf companion. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4132-4148.	1.6	9

#	Article	IF	Citations
55	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. Astronomical Journal, 2021, 162, 54.	1.9	25
56	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. Astronomical Journal, 2021, 162, 79.	1.9	25
57	Close substellar-mass companions in stellar wide binaries: discovery and characterization with APOGEE and Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3355-3370.	1.6	1
58	The Hubble PanCET Program: Transit and Eclipse Spectroscopy of the Strongly Irradiated Giant Exoplanet WASP-76b. Astronomical Journal, 2021, 162, 108.	1.9	23
59	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2782-2803.	1.6	19
60	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. Astronomical Journal, 2021, 162, 87.	1.9	13
61	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2220-2240.	1.6	3
62	Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit. Astronomy and Astrophysics, 2021, 652, A127.	2.1	18
63	Symbiotic Stars in the Apache Point Observatory Galactic Evolution Experiment Survey: The Case of LIN 358 and SMC N73 (LIN 445a). Astrophysical Journal, 2021, 918, 19.	1.6	3
64	TOI-1296b and TOI-1298b observed with TESS and SOPHIE: two hot Saturn-mass exoplanets with different densities around metal-rich stars. Astronomy and Astrophysics, 2021, 653, A147.	2.1	6
65	The TESS Mission Target Selection Procedure. Publications of the Astronomical Society of the Pacific, 2021, 133, 095002.	1.0	5
66	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. Astronomy and Astrophysics, 2021, 653, A60.	2.1	23
67	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. Astronomical Journal, 2021, 162, 167.	1.9	6
68	2M17091769+3127589: A Mass-transfer Binary with an Extreme Mass Ratio. Astronomical Journal, 2021, 162, 131.	1.9	6
69	Outbursts and stellar properties of the classical Be star HDâ€‰6226. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2002-2018.	1.6	9
70	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. Astronomical Journal, 2021, 162, 161.	1.9	20
71	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. Astronomy and Astrophysics, 2021, 653, A97.	2.1	20
72	Detailed Abundances of Planet-hosting Open Clusters. The Praesepe (Beehive) Cluster*. Astrophysical Journal, 2021, 919, 100.	1.6	2

#	Article	IF	Citations
73	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. Astronomical Journal, 2021, 161, 82.	1.9	8
74	A hot mini-Neptune in the radius valley orbiting solar analogue HDâ€‰110113. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4842-4857.	1.6	10
75	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. Astronomical Journal, 2021, 161, 85.	1.9	13
76	TOI-519 b: A short-period substellar object around an M dwarf validated using multicolour photometry and phase curve analysis. Astronomy and Astrophysics, 2021, 645, A16.	2.1	18
77	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3704-3722.	1.6	33
78	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. Astronomical Journal, 2021, 162, 215.	1.9	12
79	TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere. Astronomical Journal, 2021, 162, 218.	1.9	18
80	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. Astronomical Journal, 2021, 162, 184.	1.9	40
81	Asteroseismology of iota Draconis and Discovery of an Additional Long-period Companion. Astronomical Journal, 2021, 162, 211.	1.9	7
82	The Near-stellar Environment of Class 0 Protostars: A First Look with Near-infrared Spectroscopy. Astrophysical Journal, 2021, 921, 110.	1.6	6
83	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. Astronomical Journal, 2021, 162, 234.	1.9	30
84	Magnetic and Rotational Evolution of Ï•CrB from Asteroseismology with TESS. Astrophysical Journal, 2021, 921, 122.	1.6	12
85	SDSS-IV MaStar: theoretical atmospheric parameters for the MaNGA stellar library. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4308-4329.	1.6	6
86	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. Astronomical Journal, 2021, 162, 256.	1.9	21
87	TESS Asteroseismology of Î± Mensae: Benchmark Ages for a G7 Dwarf and Its M Dwarf Companion. Astrophysical Journal, 2021, 922, 229.	1.6	14
88	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. Astronomical Journal, 2021, 162, 302.	1.9	44
89	Stellar Rotation of T Tauri Stars in the Orion Star-forming Complex. Astrophysical Journal, 2021, 923, 177.	1.6	17
90	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. Astronomical Journal, 2021, 162, 292.	1.9	11

#	Article	IF	Citations
91	Evidence for H2 Dissociation and Recombination Heat Transport in the Atmosphere of KELT-9b. Astrophysical Journal Letters, 2020, 888, L15.	3.0	57
92	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1761-1769.	1.6	30
93	A super-Earth and a sub-Neptune orbiting the bright, quiet M3 dwarf TOI-1266. Astronomy and Astrophysics, 2020, 642, A49.	2.1	49
94	CzeV1731: The unique doubly eclipsing quadruple system. Astronomy and Astrophysics, 2020, 642, A63.	2.1	4
95	Two Intermediate-mass Transiting Brown Dwarfs from the TESS Mission. Astronomical Journal, 2020, 160, 53.	1.9	39
96	Stellar population models based on the SDSS-IV MaStar library of stellar spectra â€“ I. Intermediate-age/old models. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2962-2997.	1.6	43
97	The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with Î± abundances. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1607-1626.	1.6	34
98	TESS unveils the phase curve of WASP-33b. Astronomy and Astrophysics, 2020, 639, A34.	2.1	35
99	A giant planet candidate transiting a white dwarf. Nature, 2020, 585, 363-367.	13.7	111
100	The TOI-763 system: sub-Neptunes orbiting a Sun-like star. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4503-4517.	1.6	14
101	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Colorâ€“Magnitude Diagram. Astrophysical Journal, 2020, 895, 2.	1.6	74
102	Spectral Classification of B Stars: The Empirical Sequence Using SDSS-IV/APOGEE Near-IR Data. Astrophysical Journal, 2020, 894, 5.	1.6	9
103	APOGEE Net: Improving the Derived Spectral Parameters for Young Stars through Deep Learning. Astronomical Journal, 2020, 159, 182.	1.9	31
104	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. Astronomical Journal, 2020, 159, 151.	1.9	29
105	TESS Reveals HD 118203 b to be a Transiting Planet. Astronomical Journal, 2020, 159, 243.	1.9	14
106	Long-period High-amplitude Red Variables in the KELT Survey. Astrophysical Journal, Supplement Series, 2020, 247, 44.	3.0	6
107	TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. Astrophysical Journal, 2020, 896, 65.	1.6	14
108	A planet within the debris disk around the pre-main-sequence star AU Microscopii. Nature, 2020, 582, 497-500.	13.7	145

#	Article	IF	Citations
109	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. Astronomical Journal, 2020, 160, 22.	1.9	33
110	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. Astrophysical Journal Letters, 2020, 892, L7.	3.0	37
111	Inferring the parallax of Westerlund 1 from Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2497-2509.	1.6	13
112	Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities. Astrophysical Journal, 2020, 890, 133.	1.6	26
113	KELT-9 bâ€™s Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spinâ€“Orbit Misalignment. Astronomical Journal, 2020, 160, 4.	1.9	37
114	A remnant planetary core in the hot-Neptune desert. Nature, 2020, 583, 39-42.	13.7	73
115	New Beta Cephei Stars from the KELT Project. Astronomical Journal, 2020, 160, 32.	1.9	14
116	Planet Hunters TESS I: TOIâ€‰813, a subgiant hosting a transiting Saturn-sized planet on an 84-day orbit. Monthly Notices of the Royal Astronomical Society, 2020, 494, 750-763.	1.6	41
117	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star Î½ Indi. Nature Astronomy, 2020, 4, 382-389.	4.2	46
118	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. Astronomical Journal, 2020, 159, 60.	1.9	184
119	Fundamental Parameters of â^¼30,000 M dwarfs in LAMOST DR1 Using Data-driven Spectral Modeling. Astronomical Journal, 2020, 159, 193.	1.9	7
120	TOI-132â€‰b: A short-period planet in the Neptune desert transiting a VÂ= 11.3ÂG-type starâ˜…. Monthly Notices of the Royal Astronomical Society, 2020, 493, 973-985.	1.6	19
121	LHS 1815b: The First Thick-disk Planet Detected by TESS. Astronomical Journal, 2020, 159, 160.	1.9	23
122	A hot terrestrial planet orbiting the bright M dwarf L 168-9 unveiled by TESS. Astronomy and Astrophysics, 2020, 636, A58.	2.1	35
123	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 644, A127.	2.1	27
124	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. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3775-3791.	1.6	5
125	The TESSâ€“Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. Astronomical Journal, 2020, 159, 241.	1.9	32
126	Rotationally Driven Ultraviolet Emission of Red Giant Stars. Astronomical Journal, 2020, 160, 12.	1.9	19

#	Article	IF	Citations
127	TIC 278956474: Two Close Binaries in One Young Quadruple System Identified by TESS. Astronomical Journal, 2020, 160, 76.	1.9	9
128	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. Astronomical Journal, 2020, 160, 111.	1.9	26
129	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. Astronomical Journal, 2020, 160, 113.	1.9	15
130	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. Astronomical Journal, 2020, 160, 114.	1.9	17
131	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. Astronomical Journal, 2020, 160, 229.	1.9	11
132	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. Astronomical Journal, 2020, 160, 116.	1.9	67
133	TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars. Astronomical Journal, 2020, 160, 133.	1.9	12
134	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. Astronomical Journal, 2020, 160, 153.	1.9	27
135	The TESS Phase Curve of KELT-1b Suggests a High Dayside Albedo. Astronomical Journal, 2020, 160, 211.	1.9	18
136	Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. Astronomical Journal, 2020, 160, 239.	1.9	38
137	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. Astronomical Journal, 2020, 160, 235.	1.9	23
138	Untangling the Galaxy. II. Structure within 3 kpc. Astronomical Journal, 2020, 160, 279.	1.9	66
139	An Unusual Transmission Spectrum for the Sub-Saturn KELT-11b Suggestive of a Subsolar Water Abundance. Astronomical Journal, 2020, 160, 280.	1.9	21
140	Stellar Parameters for the First Release of the MaSTar Library: An Empirical Approach. Astrophysical Journal, 2020, 899, 62.	1.6	6
141	The Evolution of Rotation and Magnetic Activity in 94 Aqr Aa from Asteroseismology with TESS. Astrophysical Journal, 2020, 900, 154.	1.6	18
142	Assessing Spectroscopic Binary Multiplicity Properties Using Robo-AO Imaging. Astrophysical Journal, 2020, 902, 107.	1.6	7
143	GJ 1252 b: A 1.2 R_{âŠ•} Planet Transiting an M3 Dwarf at 20.4 pc. Astrophysical Journal Letters, 2020, 890, L7.	3.0	31
144	Geometry of the Draco C1 Symbiotic Binary. Astrophysical Journal Letters, 2020, 900, L43.	3.0	7

#	Article	IF	Citations
145	White Dwarfs in Close Binaries: A Systematic Search for Mass-transfer Systems and Supernova Ia Progenitors in the APOGEE Survey. Research Notes of the AAS, 2020, 4, 127.	0.3	6
146	Impact of Rubin Observatory LSST Template Acquisition Strategies on Early Science from the Transients and Variable Stars Science Collaboration: Non-time-critical Science Cases. Research Notes of the AAS, 2020, 4, 40.	0.3	4
147	Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems. Astronomical Journal, 2020, 159, 197.	1.9	2
148	TESS asteroseismology of the known planet host star Î»² Fornacis. Astronomy and Astrophysics, 2020, 641, A25.	2.1	16
149	A KELTâ€“TESS Eclipsing Binary in a Young Triple System Associated with the Local â€œStellar Stringâ€•Theia 301. Astronomical Journal, 2020, 160, 187.	1.9	2
150	Robust asteroseismic properties of the bright planet host HDÂ38529. Monthly Notices of the Royal Astronomical Society, 2020, 499, 6084-6093.	1.6	8
151	Absence of a thick atmosphere on the terrestrial exoplanet LHSÂ3844b. Nature, 2019, 573, 87-90.	13.7	139
152	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. Astrophysical Journal Letters, 2019, 881, L19.	3.0	80
153	Planetary Nebulae and How to Find Them: Color Identification in Big Broadband Surveys. Astrophysical Journal, 2019, 879, 38.	1.6	3
154	Spitzer Parallax of OGLE-2018-BLG-0596: A Low-mass-ratio Planet around an M Dwarf. Astronomical Journal, 2019, 158, 28.	1.9	15
155	KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones. Astronomical Journal, 2019, 158, 78.	1.9	8
156	On the Gaia DR2 distances for Galactic luminous blue variables. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1760-1778.	1.6	28
157	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. Astronomical Journal, 2019, 158, 32.	1.9	93
158	MOBSTER â€“ III. HDâ€‰62658: a magnetic Bp star in an eclipsing binary with a non-magnetic â€˜identical twinâ€™. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4154-4165.	1.6	16
159	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. Astrophysical Journal, 2019, 885, 31.	1.6	28
160	The Degree of Alignment between Circumbinary Disks and Their Binary Hosts. Astrophysical Journal, 2019, 883, 22.	1.6	69
161	Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS^{â^—}. Astronomical Journal, 2019, 158, 141.	1.9	83
162	APOGEE/Kepler Overlap Yields Orbital Solutions for a Variety of Eclipsing Binaries. Astronomical Journal, 2019, 158, 106.	1.9	9

#	Article	IF	Citations
163	The Revised TESS Input Catalog and Candidate Target List. Astronomical Journal, 2019, 158, 138.	1.9	577
164	The Time-domain Spectroscopic Survey: Radial Velocity Variability in Dwarf Carbon Stars. Astrophysical Journal, 2019, 877, 44.	1.6	8
165	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. Astrophysical Journal Letters, 2019, 871, L24.	3.0	108
166	Complex Rotational Modulation of Rapidly Rotating M Stars Observed with TESS. Astrophysical Journal, 2019, 876, 127.	1.6	36
167	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. Astronomical Journal, 2019, 157, 245.	1.9	72
168	TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ*. Astrophysical Journal Letters, 2019, 877, L29.	3.0	12
169	WASP-4b Arrived Early for the TESS Mission. Astronomical Journal, 2019, 157, 217.	1.9	59
170	A Multi-year Search for Transits of Proxima Centauri. II. No Evidence for Transit Events with Periods between 1 and 30 days. Astronomical Journal, 2019, 157, 226.	1.9	7
171	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. Astrophysical Journal Letters, 2019, 876, L24.	3.0	29
172	Close Companions around Young Stars. Astronomical Journal, 2019, 157, 196.	1.9	81
173	Precovery of Transiting Exoplanet Survey Satellite Single Transits with Kilodegree Extremely Little Telescope. Astronomical Journal, 2019, 157, 37.	1.9	10
174	TESS Full Orbital Phase Curve of the WASP-18b System. Astronomical Journal, 2019, 157, 178.	1.9	70
175	Kepler-730: A Hot Jupiter System with a Close-in, Transiting, Earth-sized Planet. Astrophysical Journal Letters, 2019, 870, L17.	3.0	33
176	Discovery of Resolved Magnetically Split Lines in SDSS/APOGEE Spectra of 157 Ap/Bp Stars. Astrophysical Journal Letters, 2019, 873, L5.	3.0	19
177	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. Astronomical Journal, 2019, 157, 191.	1.9	46
178	Extreme Debris Disk Variability: Exploring the Diverse Outcomes of Large Asteroid Impacts During the Era of Terrestrial Planet Formation. Astronomical Journal, 2019, 157, 202.	1.9	23
179	TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune*. Astrophysical Journal Letters, 2019, 875, L7.	3.0	69
180	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	3.0	299

#	Article	IF	Citations
181	K2 Ultracool Dwarfs Survey â€“ V. High superflare rates on rapidly rotating late-M dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1438-1447.	1.6	21
182	A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. Astronomy and Astrophysics, 2019, 623, A100.	2.1	36
183	TESS Habitable Zone Star Catalog. Astrophysical Journal Letters, 2019, 874, L8.	3.0	16
184	KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. Astrophysical Journal, Supplement Series, 2019, 240, 13.	3.0	9
185	Fundamental properties of the pre-main sequence eclipsing stars of MML 53 and the mass of the tertiary. Astronomy and Astrophysics, 2019, 623, A23.	2.1	5
186	Near-resonance in a System of Sub-Neptunes from TESS. Astronomical Journal, 2019, 158, 177.	1.9	34
187	KELT-24b: A 5M_J Planet on a 5.6 day Well-aligned Orbit around the Young VÂ=Â8.3 F-star HD 93148. Astronomical Journal, 2019, 158, 197.	1.9	15
188	Testing the Radius Scaling Relation with Gaia DR2 in the Kepler Field. Astrophysical Journal, 2019, 885, 166.	1.6	48
189	Predicting Granulation â€œFlickerâ€•and Radial Velocity â€œJitterâ€•from Spectroscopic Observables. Astrophysical Journal, 2019, 883, 195.	1.6	17
190	Radius Inflation at Low Rossby Number in the Hyades Cluster. Astrophysical Journal, 2019, 879, 39.	1.6	14
191	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk. Astronomy and Astrophysics, 2019, 630, A76.	2.1	35
192	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Libraryâ€”First Release. Astrophysical Journal, 2019, 883, 175.	1.6	67
193	OGLE-2018-BLG-1011Lb,c: Microlensing Planetary System with Two Giant Planets Orbiting a Low-mass Star. Astronomical Journal, 2019, 158, 114.	1.9	20
194	A Discrete Set of Possible Transit Ephemerides for Two Long-period Gas Giants Orbiting HIP 41378. Astronomical Journal, 2019, 157, 19.	1.9	20
195	HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS. Astronomical Journal, 2019, 157, 51.	1.9	66
196	What Does a Successful Postdoctoral Fellowship Publication Record Look Like?. Publications of the Astronomical Society of the Pacific, 2019, 131, 014501.	1.0	0
197	Light Curves for All Stars Observed in TESS Full-frame Images: Sector 1 and Beyond. Research Notes of the AAS, 2019, 3, 8.	0.3	6
198	Fundamental properties of the pre-main sequence eclipsing stars of MML 53 and the mass of the tertiary. Astronomy and Astrophysics, 2019, 623, A23.	2.1	0

#	Article	IF	Citations
199	StarHorse: a Bayesian tool for determining stellar masses, ages, distances, and extinctions for field stars. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2556-2583.	1.6	141
200	The Effects of Barycentric and Asymmetric Transverse Velocities on Eclipse and Transit Times. Astrophysical Journal, 2018, 854, 163.	1.6	2
201	KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System. Astronomical Journal, 2018, 155, 100.	1.9	55
202	Gaia17biu/SN 2017egm in NGC 3191: The Closest Hydrogen-poor Superluminous Supernova to Date Is in a â€œNormal,â€•Massive, Metal-rich Spiral Galaxy. Astrophysical Journal, 2018, 853, 57.	1.6	60
203	Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. I. Signatures of Diffusion in the Open Cluster M67. Astrophysical Journal, 2018, 857, 14.	1.6	52
204	Elemental Abundances of Kepler Objects of Interest in APOGEE. I. Two Distinct Orbital Period Regimes Inferred from Host Star Iron Abundances. Astronomical Journal, 2018, 155, 68.	1.9	58
205	Outbursts and Disk Variability in Be Stars. Astronomical Journal, 2018, 155, 53.	1.9	29
206	The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy. Astronomical Journal, 2018, 155, 6.	1.9	20
207	Variability Properties of Four Million Sources in the TESS Input Catalog Observed with the Kilodegree Extremely Little Telescope Survey. Astronomical Journal, 2018, 155, 39.	1.9	73
208	Identification of young stellar variables with KELT for K2 â€“ II. The Upper Scorpius association. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1231-1243.	1.6	16
209	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. Astrophysical Journal, 2018, 854, 147.	1.6	100
210	Empirical Accurate Masses and Radii of Single Stars with TESS and Gaia. Astronomical Journal, 2018, 155, 22.	1.9	152
211	DEdicated MONitor of EXotransits and Transients (DEMONEXT): System Overview and Year One Results from a Low-cost Robotic Telescope for Followup of Exoplanetary Transits and Transients. Publications of the Astronomical Society of the Pacific, 2018, 130, 015001.	1.0	13
212	Chemo-kinematics of the Milky Way from the SDSS-III MARVELS survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3244-3265.	1.6	24
213	Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample. Astronomical Journal, 2018, 156, 45.	1.9	8
214	Evidence for a Systematic Offset of â˜'80 Î¼as in the Gaia DR2 Parallaxes. Astrophysical Journal, 2018, 862, 61.	1.6	256
215	The Remarkable Be+sdOB Binary HD 55606. I. Orbital and Stellar Parameters*. Astrophysical Journal, 2018, 865, 76.	1.6	31
216	Observational Properties of Miras in the KELT Survey. Proceedings of the International Astronomical Union, 2018, 14, 349-350.	0.0	0

#	Article	IF	Citations
217	The KELT Follow-up Network and Transit False-positive Catalog: Pre-vetted False Positives for TESS. Astronomical Journal, 2018, 156, 234.	1.9	46
218	KELT: The Kilodegree Extremely Little Telescope, a Survey for Exoplanets Transiting Bright, Hot Stars. , 2018, , 969-980.		6
219	Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14. Astronomical Journal, 2018, 156, 127.	1.9	13
220	Precision Light Curves from TESS Full-frame Images: A Different Imaging Approach. Astronomical Journal, 2018, 156, 132.	1.9	47
221	TESS Discovery of a Transiting Super-Earth in the pi Mensae System. Astrophysical Journal Letters, 2018, 868, L39.	3.0	148
222	The Second APOKASC Catalog: The Empirical Approach. Astrophysical Journal, Supplement Series, 2018, 239, 32.	3.0	183
223	EPIC 246851721 b: A Tropical Jupiter Transiting a Rapidly Rotating Star in a Well-aligned Orbit. Astronomical Journal, 2018, 156, 250.	1.9	11
224	A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric Characterization. Publications of the Astronomical Society of the Pacific, 2018, 130, 114401.	1.0	314
225	The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure. Astronomical Journal, 2018, 156, 84.	1.9	216
226	Multiple Stellar Flybys Sculpting the Circumstellar Architecture in RW Aurigae. Astrophysical Journal, 2018, 859, 150.	1.6	57
227	A Compact Multi-planet System with a Significantly Misaligned Ultra Short Period Planet. Astronomical Journal, 2018, 156, 245.	1.9	35
228	Kepler-503b: An Object at the Hydrogen Burning Mass Limit Orbiting a Subgiant Star. Astrophysical Journal Letters, 2018, 861, L4.	3.0	17
229	KELT: The Kilodegree Extremely Little Telescope, a Survey for Exoplanets Transiting Bright, Hot Stars. , 2018, , 1-12.		0
230	A survey of eight hot Jupiters in secondary eclipse using WIRCam at CFHT. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4264-4277.	1.6	11
231	KELT-19Ab: A PÂâˆ¼Â4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. Astronomical Journal, 2018, 155, 35.	1.9	61
232	The planet formation imager. Experimental Astronomy, 2018, 46, 517-529.	1.6	12
233	The first super-Earth detection from the high cadence and high radial velocity precision Dharma Planet Survey. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2411-2422.	1.6	18
234	Measuring Model-independent Masses and Radii of Single-lined Eclipsing Binaries: Analytic Precision Estimates. Astrophysical Journal, 2018, 862, 53.	1.6	11

#	Article	IF	Citations
235	A Multi-year Search for Transits of Proxima Centauri. I. Light Curves Corresponding to Published Ephemerides. Astronomical Journal, 2018, 155, 228.	1.9	9
236	Global Climate and Atmospheric Composition of the Ultra-hot Jupiter WASP-103b from HST and Spitzer Phase Curve Observations. Astronomical Journal, 2018, 156, 17.	1.9	156
237	The APOGEE-2 Survey of the Orion Star-forming Complex. I. Target Selection and Validation with Early Observations. Astrophysical Journal, Supplement Series, 2018, 236, 27.	3.0	23
238	The TESS Input Catalog and Candidate Target List. Astronomical Journal, 2018, 156, 102.	1.9	433
239	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. Astrophysical Journal, Supplement Series, 2018, 235, 42.	3.0	796
240	Stellar and Planetary Characterization of the Ross 128 Exoplanetary System from APOGEE Spectra. Astrophysical Journal Letters, 2018, 860, L15.	3.0	21
241	Chemical Abundances of M-Dwarfs from the Apogee Survey. I. The Exoplanet Hosting Stars Kepler-138 and Kepler-186. Astrophysical Journal, 2017, 835, 239.	1.6	56
242	ASTROIMAGEJ: IMAGE PROCESSING AND PHOTOMETRIC EXTRACTION FOR ULTRA-PRECISE ASTRONOMICAL LIGHT CURVES. Astronomical Journal, 2017, 153, 77.	1.9	440
243	TRANSIT TIMING VARIATION MEASUREMENTS OF WASP-12b AND QATAR-1b: NO EVIDENCE OF ADDITIONAL PLANETS. Astronomical Journal, 2017, 153, 78.	1.9	85
244	The Mysterious Dimmings of the T Tauri Star V1334 Tau. Astrophysical Journal, 2017, 836, 209.	1.6	21
245	Sonneberg Plate Photometry for Boyajian's Star in Two Passbands. Astrophysical Journal, 2017, 837, 85.	1.6	34
246	A Measurement of Radius Inflation in the Pleiades and Its Relation to Rotation and Lithium Depletion. Astronomical Journal, 2017, 153, 101.	1.9	52
247	Galactic archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE. Astronomy and Astrophysics, 2017, 597, A30.	2.1	84
248	Accurate Empirical Radii and Masses of Planets and Their Host Stars with Gaia Parallaxes. Astronomical Journal, 2017, 153, 136.	1.9	322
249	KELT-16b: A Highly Irradiated, Ultra-short Period Hot Jupiter Nearing Tidal Disruption. Astronomical Journal, 2017, 153, 97.	1.9	58
250	Evidence for Binarity and Possible Disk Obscuration in Kepler Observations of the Pulsating RV Tau Variable DF Cygni. Astrophysical Journal, 2017, 839, 48.	1.6	10
251	KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the V = 8 Subgiant HD 93396. Astronomical Journal, 2017, 153, 215.	1.9	61
252	The Correlation between Mixing Length and Metallicity on the Giant Branch: Implications for Ages in the Gaia Era. Astrophysical Journal, 2017, 840, 17.	1.6	80

#	Article	IF	Citations
253	Photometric Variability of the Be Star Population. Astronomical Journal, 2017, 153, 252.	1.9	56
254	Gaia Assorted Mass Binaries Long Excluded from SLoWPoKES (GAMBLES): Identifying Ultra-wide Binary Pairs with Components of Diverse Mass. Astronomical Journal, 2017, 153, 259.	1.9	27
255	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. Nature, 2017, 546, 514-518.	13.7	205
256	A Low-mass Exoplanet Candidate Detected by K2 Transiting the Praesepe M Dwarf JS 183. Astronomical Journal, 2017, 153, 177.	1.9	61
257	A CATALOG OF CALIBRATOR STARS FOR NEXT-GENERATION OPTICAL INTERFEROMETERS. Astronomical Journal, 2017, 153, 16.	1.9	15
258	The Canonical Luminous Blue Variable AG Car and Its Neighbor Hen 3-519 Are Much Closer than Previously Assumed. Astronomical Journal, 2017, 153, 125.	1.9	9
259	KELT-12b: A PÂâˆ¼Â5 day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star. Astronomical Journal, 2017, 153, 178.	1.9	35
260	Transiting Planets with LSST. III. Detection Rate per Year of Operation. Astronomical Journal, 2017, 153, 186.	1.9	26
261	New Low-mass Stars in the 25 Orionis Stellar Group and Orion OB1a Sub-association from SDSS-III/BOSS Spectroscopy. Astronomical Journal, 2017, 154, 14.	1.9	17
262	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. Astrophysical Journal, 2017, 844, 102.	1.6	185
263	A Bright Short Period M-M Eclipsing Binary from the KELT Survey: Magnetic Activity and the Massâ€“Radius Relationship for M Dwarfs. Astrophysical Journal, 2017, 844, 134.	1.6	18
264	NEAR-INFRARED EMISSION SPECTRUM OF WASP-103B USING HUBBLE SPACE TELESCOPE/WIDE FIELD CAMERA 3*. Astronomical Journal, 2017, 153, 34.	1.9	58
265	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. Astrophysical Journal, Supplement Series, 2017, 233, 25.	3.0	406
266	SCExAO AND GPIYJHBAND PHOTOMETRY AND INTEGRAL FIELD SPECTROSCOPY OF THE YOUNG BROWN DWARF COMPANION TO HD 1160. Astrophysical Journal, 2017, 834, 162.	1.6	15
267	Determining Empirical Stellar Masses and Radii from Transits and Gaia Parallaxes as Illustrated by Spitzer Observations of KELT-11b. Astronomical Journal, 2017, 154, 25.	1.9	34
268	IN-SYNC VI. Identification and Radial Velocity Extraction for 100+ Double-Lined Spectroscopic Binaries in the APOGEE/IN-SYNC Fields. Publications of the Astronomical Society of the Pacific, 2017, 129, 084201.	1.0	22
269	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	1.9	1,100
270	Crystal growth of LiIn 1âˆ’x Ga x Se 2 crystals. Journal of Crystal Growth, 2017, 468, 326-330.	0.7	1

#	Article	IF	Citations
271	Exploring the brown dwarf desert: new substellar companions from the SDSS-III MARVELS survey. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4264-4281.	1.6	42
272	The Fisk-Vanderbilt Masters-to-PhD Bridge Program: Broadening Participation of Underrepresented Minorities in the Physical Sciences. ACS Symposium Series, 2017, , 97-106.	0.5	1
273	Absolute DimensionsÂofÂthe Eccentric Eclipsing Binary V541 Cygni. Astrophysical Journal, 2017, 836, 177.	1.6	12
274	The transiting dust clumps in the evolved disc of the Sun-like UXor RZ Psc. Royal Society Open Science, 2017, 4, 160652.	1.1	25
275	Periodic eclipses of the young star PDS 110 discovered with WASP and KELT photometry. Monthly Notices of the Royal Astronomical Society, 2017, 471, 740-749.	1.6	40
276	Erratum â€œGaia Assorted Mass Binaries Long Excluded from SLoWPoKES (GAMBLES): Identifying Ultra-wide Binary Pairs with Components of Diverse Massâ€•(2017, AJ, 153, 259). Astronomical Journal, 2017, 154, 174.	1.9	0
277	KELT-20b: A Giant Planet with a Period of PÂâˆ¼Â3.5 days Transiting the VÂâˆ¼Â7.6 Early A Star HD 185603. Astronomical Journal, 2017, 154, 194.	1.9	87
278	IN-SYNC. V. Stellar Kinematics and Dynamics in the Orion A Molecular Cloud. Astrophysical Journal, 2017, 845, 105.	1.6	40
279	Period Variations for the Cepheid VZ Cyg. Astronomical Journal, 2017, 154, 217.	1.9	3
280	The Architecture of the GW Ori Young Triple-star System and Its Disk: Dynamical Masses, Mutual Inclinations, and Recurrent Eclipses. Astrophysical Journal, 2017, 851, 132.	1.6	22
281	WASP-167b/KELT-13b: joint discovery of a hot Jupiter transiting a rapidly rotating F1V star. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2743-2752.	1.6	63
282	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. Astrophysical Journal, Supplement Series, 2017, 233, 23.	3.0	121
283	Identification of Young Stellar Variables with KELT for K2. I. Taurus Dippers and Rotators. Astrophysical Journal, 2017, 848, 97.	1.6	53
284	IN-SYNC. VII. Evidence for a Decreasing Spectroscopic Binary Fraction (from 1 to 100 Myr) within the IN-SYNC Sample. Astrophysical Journal, 2017, 851, 14.	1.6	5
285	Empirical Bolometric Fluxes and Angular Diameters of 1.6 Million Tycho-2 Stars and Radii of 350,000 Stars with Gaia DR1 Parallaxes. Astronomical Journal, 2017, 154, 259.	1.9	32
286	KELT-18b: Puffy Planet, Hot Host, Probably Perturbed. Astronomical Journal, 2017, 153, 263.	1.9	30
287	Mid-infrared characterization of the planetary-mass companion ROXs 42B b. Astronomy and Astrophysics, 2017, 601, A65.	2.1	7
288	Metallicity effect on stellar granulation detected from oscillating red giants in open clusters. Astronomy and Astrophysics, 2017, 605, A3.	2.1	42

#	Article	IF	Citations
289	Neutron detector development for microsatellites. , 2017, , .		0
290	DM ORI: A YOUNG STAR OCCULTED BY A DISTURBANCE IN ITS PROTOPLANETARY DISK. Astrophysical Journal, 2016, 831, 74.	1.6	9
291	A GRANULATION â€œFLICKERâ€•BASED MEASURE OF STELLAR SURFACE GRAVITY. Astrophysical Journal, 2016, 818, 43.	1.6	47
292	KELT-14b AND KELT-15b: AN INDEPENDENT DISCOVERY OF WASP-122b AND A NEW HOT JUPITER. Astronomical Journal, 2016, 151, 138.	1.9	42
293	IN-SYNC. IV. THE YOUNG STELLAR POPULATION IN THE ORION A MOLECULAR CLOUD. Astrophysical Journal, 2016, 818, 59.	1.6	82
294	THE ASTEROSEISMIC POTENTIAL OF TESS: EXOPLANET-HOST STARS. Astrophysical Journal, 2016, 830, 138.	1.6	122
295	NEW PLEIADES ECLIPSING BINARIES AND A HYADES TRANSITING SYSTEM IDENTIFIED BY K2. Astronomical Journal, 2016, 151, 112.	1.9	58
296	THE TIME-DOMAIN SPECTROSCOPIC SURVEY: UNDERSTANDING THE OPTICALLY VARIABLE SKY WITH SEQUELS IN SDSS-III. Astrophysical Journal, 2016, 825, 137.	1.6	18
297	AN EXTREME ANALOGUE OF Ïµ AURIGAE: AN M-GIANT ECLIPSED EVERY 69 YEARS BY A LARGE OPAQUE DISK SURROUNDING A SMALL HOT SOURCE. Astronomical Journal, 2016, 151, 123.	1.9	22
298	Metrics for Optimization of Large Synoptic Survey Telescope Observations of Stellar Variables and Transients. Publications of the Astronomical Society of the Pacific, 2016, 128, 025002.	1.0	2
299	Density functional theory investigation of the LiIn_{1-x} Ga_x Se₂ solid solution. Physica Status Solidi (B): Basic Research, 2016, 253, 1465-1471.	0.7	3
300	DEdicated MONitor of EXotransits and Transients (DEMONEXT): a low-cost robotic and automated telescope for followup of exoplanetary transits and other transient events. Proceedings of SPIE, 2016, , .	0.8	6
301	An input catalog and target selection for the transiting exoplanet survey satellite. , 2016, , .		0
302	KELT-17B: A HOT-JUPITER TRANSITING AN A-STAR IN A MISALIGNED ORBIT DETECTED WITH DOPPLER TOMOGRAPHY. Astronomical Journal, 2016, 152, 136.	1.9	76
303	THE ROTATION PERIOD DISTRIBUTIONS OF 4â€“10 Myr T TAURI STARS IN ORION OB1: NEW CONSTRAINTS ON PRE-MAIN-SEQUENCE ANGULAR MOMENTUM EVOLUTION. Astronomical Journal, 2016, 152, 198.	1.9	10
304	Examining the relationships between colour,T_{eff}, and [M/H] for APOGEE K and M dwarfs. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2611-2624.	1.6	27
305	Planet Formation Imager (PFI): science vision and key requirements. , 2016, , .		7
306	Radiation damage of strontium iodide crystals due to irradiation by 137Cs gamma rays: A novel approach to altering nonproportionality. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 835, 177-181.	0.7	0

#	Article	IF	Citations
307	ROTATION IN THE PLEIADES WITH K2. I. DATA AND FIRST RESULTS. Astronomical Journal, 2016, 152, 113.	1.9	173
308	ROTATION IN THE PLEIADES WITH K2. II. MULTIPERIOD STARS. Astronomical Journal, 2016, 152, 114.	1.9	67
309	ROTATION IN THE PLEIADES WITH K2. III. SPECULATIONS ON ORIGINS AND EVOLUTION. Astronomical Journal, 2016, 152, 115.	1.9	68
310	ECLIPSING BINARY STARS AS BENCHMARKS FOR TRIGONOMETRIC PARALLAXES IN THE GAIA ERA. Astronomical Journal, 2016, 152, 180.	1.9	159
311	The Transiting Exoplanet Survey Satellite. Proceedings of SPIE, 2016, , .	0.8	56
312	TEMPORAL EVOLUTION OF CHROMOSPHERIC OSCILLATIONS IN FLARING REGIONS: A PILOT STUDY. Astronomical Journal, 2016, 152, 81.	1.9	4
313	A STATISTICAL ANALYSIS OF THE ACCURACY OF THE DIGITIZED MAGNITUDES OF PHOTOMETRIC PLATES ON THE TIMESCALE OF DECADES WITH AN APPLICATION TO THE CENTURY-LONG LIGHT CURVE OF KIC 8462852. Astrophysical Journal, 2016, 825, 73.	1.6	41
314	RECURRING OCCULTATIONS OF RW AURIGAE BY COAGULATED DUST IN THE TIDALLY DISRUPTED CIRCUMSTELLAR DISK. Astronomical Journal, 2016, 151, 29.	1.9	20
315	EVIDENCE FOR A SYSTEMATIC OFFSET OF â˜'0.25 mas IN THE GAIA DR1 PARALLAXES. Astrophysical Journal Letters, 2016, 831, L6.	3.0	61
316	VERY LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. VI. A GIANT PLANET AND A BROWN DWARF CANDIDATE IN A CLOSE BINARY SYSTEM HD 87646. Astronomical Journal, 2016, 152, 112.	1.9	34
317	Integration of a 6LiInSe2 thermal neutron detector into a CubeSat instrument. Journal of Astronomical Telescopes, Instruments, and Systems, 2016, 2, 046001.	1.0	2
318	Vision: A Six-telescope Fiber-fed Visible Light Beam Combiner for the Navy Precision Optical Interferometer. Publications of the Astronomical Society of the Pacific, 2016, 128, 055004.	1.0	21
319	KELT-10b: the first transiting exoplanet from the KELT-South survey â€“ a hot sub-Jupiter transiting aV= 10.7 early G-star. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4281-4298.	1.6	38
320	A DISK-BASED DYNAMICAL CONSTRAINT ON THE MASS OF THE YOUNG BINARY DQ TAU. Astrophysical Journal, 2016, 818, 156.	1.6	50
321	KEPLER ECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. Astronomical Journal, 2016, 151, 68.	1.9	302
322	DETAILED ABUNDANCES OF PLANET-HOSTING WIDE BINARIES. II. HD 80606+HD 80607. Astrophysical Journal, 2016, 818, 54.	1.6	35
323	KELT-4Ab: AN INFLATED HOT JUPITER TRANSITING THE BRIGHT (Vâ¼ 10) COMPONENT OF A HIERARCHICAL TRIPLE. Astronomical Journal, 2016, 151, 45.	1.9	46
324	COMPANIONS TO APOGEE STARS. I. A MILKY WAY-SPANNING CATALOG OF STELLAR AND SUBSTELLAR COMPANION CANDIDATES AND THEIR DIVERSE HOSTS. Astronomical Journal, 2016, 151, 85.	1.9	68

#	Article	IF	Citations
325	THE MATRYOSHKA DISK: KECK/NIRC2 DISCOVERY OF A SOLAR-SYSTEM-SCALE, RADIALLY SEGREGATED RESIDUAL PROTOPLANETARY DISK AROUND HD 141569A. Astrophysical Journal Letters, 2016, 819, L26.	3.0	16
326	First Results from the Disk Eclipse Search with KELT (DESK) Survey. Proceedings of the International Astronomical Union, 2015, 10, 167-170.	0.0	1
327	KELT-8b: A HIGHLY INFLATED TRANSITING HOT JUPITER AND A NEW TECHNIQUE FOR EXTRACTING HIGH-PRECISION RADIAL VELOCITIES FROM NOISY SPECTRA. Astrophysical Journal, 2015, 810, 30.	1.6	53
328	THE K2-ESPRINT PROJECT. I. DISCOVERY OF THE DISINTEGRATING ROCKY PLANET K2-22b WITH A COMETARY HEAD AND LEADING TAIL. Astrophysical Journal, 2015, 812, 112.	1.6	142
329	HII 2407: AN ECLIPSING BINARY REVEALED BY K2 OBSERVATIONS OF THE PLEIADES. Astrophysical Journal, 2015, 814, 62.	1.6	12
330	Young [Î±/Fe]-enhanced stars discovered by CoRoT and APOGEE: What is their origin?. Astronomy and Astrophysics, 2015, 576, L12.	2.1	130
331	Keplereclipsing binary stars â€“ VI. Identification of eclipsing binaries in theK2Campaign 0 data set. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3561-3592.	1.6	31
332	Investigations of⁶LiIn_{1-x}Ga_xSe₂semi-insulating crystals for neutron detection. Proceedings of SPIE, 2015, , .	0.8	4
333	IN-SYNC. II. VIRIAL STARS FROM SUBVIRIAL CORESâ€”THE VELOCITY DISPERSION OF EMBEDDED PRE-MAIN-SEQUENCE STARS IN NGC 1333. Astrophysical Journal, 2015, 799, 136.	1.6	88
334	OBSERVATIONS OF THE M82 SN 2014J WITH THE KILODEGREE EXTREMELY LITTLE TELESCOPE. Astrophysical Journal, 2015, 799, 105.	1.6	21
335	SODIUM AND OXYGEN ABUNDANCES IN THE OPEN CLUSTER NGC 6791 FROM APOGEE H-BAND SPECTROSCOPY. Astrophysical Journal Letters, 2015, 798, L41.	3.0	62
336	CONSTRAINTS ON THE ORIGIN OF THE FIRST LIGHT FROM SN 2014J. Astrophysical Journal, 2015, 799, 106.	1.6	53
337	FIRST DETECTION OF ULTRAVIOLET EMISSION FROM A DETACHED DUST SHELL: GALAXY EVOLUTION EXPLORER OBSERVATIONS OF THE CARBON ASYMPTOTIC GIANT BRANCH STAR U Hya. Astrophysical Journal Letters, 2015, 798, L39.	3.0	10
338	TRANSITING PLANETS WITH LSST. II. PERIOD DETECTION OF PLANETS ORBITING 1M_{â˜™}HOSTS. Astronomical Journal, 2015, 150, 34.	1.9	27
339	SLoWPoKES-II: 100,000 WIDE BINARIES IDENTIFIED IN SDSS WITHOUT PROPER MOTIONS. Astronomical Journal, 2015, 150, 57.	1.9	24
340	A DISK-BASED DYNAMICAL MASS ESTIMATE FOR THE YOUNG BINARY AK SCO. Astrophysical Journal, 2015, 806, 154.	1.6	70
341	THE TIME DOMAIN SPECTROSCOPIC SURVEY: VARIABLE SELECTION AND ANTICIPATED RESULTS. Astrophysical Journal, 2015, 806, 244.	1.6	49
342	Scintillation properties of semiconducting 6LiInSe2 crystals to ionizing radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 801, 73-77.	0.7	24

#	Article	IF	Citations
343	TARGET SELECTION FOR THE SDSS-III MARVELS SURVEY. Astronomical Journal, 2015, 149, 186.	1.9	8
344	THE PUZZLING Li-RICH RED GIANT ASSOCIATED WITH NGC 6819. Astrophysical Journal, 2015, 802, 7.	1.6	27
345	KELT-7b: A HOT JUPITER TRANSITING A BRIGHTV= 8.54 RAPIDLY ROTATING F-STAR. Astronomical Journal, 2015, 150, 12.	1.9	78
346	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	3.0	1,877
347	THE APOGEE SPECTROSCOPIC SURVEY OFKEPLERPLANET HOSTS: FEASIBILITY, EFFICIENCY, AND FIRST RESULTS. Astronomical Journal, 2015, 149, 143.	1.9	40
348	V409 TAU AS ANOTHER AA TAU: PHOTOMETRIC OBSERVATIONS OF STELLAR OCCULTATIONS BY THE CIRCUMSTELLAR DISK. Astronomical Journal, 2015, 150, 32.	1.9	28
349	TRANSITING PLANETS WITH LSST. I. POTENTIAL FOR LSST EXOPLANET DETECTION. Astronomical Journal, 2015, 149, 16.	1.9	36
350	Chemodynamics of the Milky Way. Astronomy and Astrophysics, 2014, 564, A115.	2.1	166
351	NEWBVI_CPHOTOMETRY OF LOW-MASS PLEIADES STARS: EXPLORING THE EFFECTS OF ROTATION ON BROADBAND COLORS. Astronomical Journal, 2014, 148, 30.	1.9	25
352	THE EB FACTORY PROJECT. I. A FAST, NEURAL-NET-BASED, GENERAL PURPOSE LIGHT CURVE CLASSIFIER OPTIMIZED FOR ECLIPSING BINARIES. Astronomical Journal, 2014, 148, 31.	1.9	12
353	A STRICT TEST OF STELLAR EVOLUTION MODELS: THE ABSOLUTE DIMENSIONS OF THE MASSIVE BENCHMARK ECLIPSING BINARY V578 MON. Astronomical Journal, 2014, 148, 39.	1.9	20
354	THE IMPACT OF CHROMOSPHERIC ACTIVITY ON OBSERVED INITIAL MASS FUNCTIONS. Astrophysical Journal, 2014, 796, 119.	1.6	10
355	AN IMPROVED DETERMINATION OF THE LITHIUM DEPLETION BOUNDARY AGE OF BLANCO 1 AND A FIRST LOOK ON THE EFFECTS OF MAGNETIC ACTIVITY. Astrophysical Journal, 2014, 795, 143.	1.6	16
356	Transiting Exoplanet Survey Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2014, 1, 014003.	1.0	2,300
357	DISCOVERY OF A TRANSITING PLANET NEAR THE SNOW-LINE. Astrophysical Journal, 2014, 795, 25.	1.6	27
358	FLICKER AS A TOOL FOR CHARACTERIZING PLANETS THROUGH ASTERODENSITY PROFILING. Astrophysical Journal Letters, 2014, 785, L32.	3.0	15
359	IN-SYNC I: HOMOGENEOUS STELLAR PARAMETERS FROM HIGH-RESOLUTION APOGEE SPECTRA FOR THOUSANDS OF PRE-MAIN SEQUENCE STARS. Astrophysical Journal, 2014, 794, 125.	1.6	77
360	ESTIMATING STELLAR RADIAL VELOCITY VARIABILITY FROMKEPLERANDGALEX: IMPLICATIONS FOR THE RADIAL VELOCITY CONFIRMATION OF EXOPLANETS. Astrophysical Journal, 2014, 780, 104.	1.6	44

#	Article	IF	Citations
361	KELT-6b: APâ^¼ 7.9 DAY HOT SATURN TRANSITING A METAL-POOR STAR WITH A LONG-PERIOD COMPANION. Astronomical Journal, 2014, 147, 39.	1.9	54
362	SPITZERANDzâ€² SECONDARY ECLIPSE OBSERVATIONS OF THE HIGHLY IRRADIATED TRANSITING BROWN DWARF KELT-1b. Astrophysical Journal, 2014, 783, 112.	1.6	60
363	TESTING THE ASTEROSEISMIC MASS SCALE USING METAL-POOR STARS CHARACTERIZED WITH APOGEE ANDKEPLER. Astrophysical Journal Letters, 2014, 785, L28.	3.0	84
364	NEW RED JEWELS IN COMA BERENICES. Astrophysical Journal, 2014, 782, 61.	1.6	17
365	Scintillation properties of strontium iodide doped with europium for high-energy astrophysical detectors: nonproportionality as a function of temperature and at high gamma-ray energies. Journal of Astronomical Telescopes, Instruments, and Systems, 2014, 1, 016002.	1.0	2
366	A window on exoplanet dynamical histories: Rossiterâ€“McLaughlin observations of WASP-13b and WASP-32b. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3392-3401.	1.6	41
367	RADIAL VELOCITY VARIATIONS OF PHOTOMETRICALLY QUIET, CHROMOSPHERICALLY INACTIVEKEPLERSTARS: A LINK BETWEEN RV JITTER AND PHOTOMETRIC FLICKER. Astronomical Journal, 2014, 147, 29.	1.9	61
368	CHEMICAL CARTOGRAPHY WITH APOGEE: LARGE-SCALE MEAN METALLICITY MAPS OF THE MILKY WAY DISK. Astronomical Journal, 2014, 147, 116.	1.9	134
369	EVALUATING GYROCHRONOLOGY ON THE ZERO-AGE-MAIN-SEQUENCE: ROTATION PERIODS IN THE SOUTHERN OPEN CLUSTER BLANCO 1 FROM THE KELT-SOUTH SURVEY. Astrophysical Journal, 2014, 782, 29.	1.6	34
370	THE APOGEE RED-CLUMP CATALOG: PRECISE DISTANCES, VELOCITIES, AND HIGH-RESOLUTION ELEMENTAL ABUNDANCES OVER A LARGE AREA OF THE MILKY WAY'S DISK. Astrophysical Journal, 2014, 790, 127.	1.6	181
371	THE EB FACTORY PROJECT. II. VALIDATION WITH THE KEPLER FIELD IN PREPARATION FOR K2 AND TESS. Astronomical Journal, 2014, 148, 125.	1.9	3
372	DETAILED ABUNDANCES OF PLANET-HOSTING WIDE BINARIES. I. DID PLANET FORMATION IMPRINT CHEMICAL SIGNATURES IN THE ATMOSPHERES OF HD 20782/81?. Astrophysical Journal, 2014, 787, 98.	1.6	63
373	ACCURATE ATMOSPHERIC PARAMETERS AT MODERATE RESOLUTION USING SPECTRAL INDICES: PRELIMINARY APPLICATION TO THE MARVELS SURVEY. Astronomical Journal, 2014, 148, 105.	1.9	9
374	STELLAR GRANULATION AS THE SOURCE OF HIGH-FREQUENCY FLICKER INKEPLERLIGHT CURVES. Astrophysical Journal, 2014, 781, 124.	1.6	50
375	LARGER PLANET RADII INFERRED FROM STELLAR â€œFLICKERâ€•BRIGHTNESS VARIATIONS OF BRIGHT PLANET-HOST STARS. Astrophysical Journal Letters, 2014, 788, L9.	3.0	52
376	Transiting Exoplanet Survey Satellite (TESS). Proceedings of SPIE, 2014, , .	0.8	566
377	Kepler Eclipsing Binary Stars. V. Identification of 31 Candidate Eclipsing Binaries in the K2 Engineering Dataset. Publications of the Astronomical Society of the Pacific, 2014, 126, 914-922.	1.0	35
378	Empirical tests of pre-main-sequence stellar evolution models with eclipsing binaries. New Astronomy Reviews, 2014, 60-61, 1-28.	5.2	76

#	Article	IF	Citations
379	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	3.0	820
380	A test that fails. Nature, 2014, 510, 303-304.	13.7	120
381	KEPLERECLIPSING BINARY STARS. IV. PRECISE ECLIPSE TIMES FOR CLOSE BINARIES AND IDENTIFICATION OF CANDIDATE THREE-BODY SYSTEMS. Astronomical Journal, 2014, 147, 45.	1.9	143
382	The EBLM project. Astronomy and Astrophysics, 2014, 572, A50.	2.1	31
383	Multiplicity in Early Stellar Evolution. , 2014, , .		12
384	Angular Momentum Evolution of Young Low-Mass Stars and Brown Dwarfs: Observations and Theory. , 2014, , .		30
385	Filtergraph: An interactive web application for visualization of astronomy datasets. Astronomy and Computing, 2013, 2, 40-45.	0.8	33
386	An observational correlation between stellar brightness variations and surface gravity. Nature, 2013, 500, 427-430.	13.7	127
387	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. IV. A CANDIDATE BROWN DWARF OR LOW-MASS STELLAR COMPANION TO HIP 67526. Astronomical Journal, 2013, 146, 65.	1.9	30
388	REANALYSIS OF THE RADII OF THE BENCHMARK ECLIPSING BINARY V578 Mon. Astrophysical Journal, 2013, 769, 114.	1.6	4
389	THE SDSS-III APOGEE RADIAL VELOCITY SURVEY OF M DWARFS. I. DESCRIPTION OF THE SURVEY AND SCIENCE GOALS. Astronomical Journal, 2013, 146, 156.	1.9	38
390	THE HUBBLE SPACE TELESCOPE TREASURY PROGRAM ON THE ORION NEBULA CLUSTER [,]. Astrophysical Journal, Supplement Series, 2013, 207, 10.	3.0	38
391	THE HOMOGENEOUS STUDY OF TRANSITING SYSTEMS (HoSTS). I. THE PILOT STUDY OF WASP-13. Astrophysical Journal, 2013, 768, 79.	1.6	43
392	MARVELS-1: A FACE-ON DOUBLE-LINED BINARY STAR MASQUERADING AS A RESONANT PLANETARY SYSTEM AND CONSIDERATION OF RARE FALSE POSITIVES IN RADIAL VELOCITY PLANET SEARCHES. Astrophysical Journal, 2013, 770, 119.	1.6	46
393	CONSTRAINING EXPLOSION TYPE OF YOUNG SUPERNOVA REMNANTS USING 24 Î¼m EMISSION MORPHOLOGY. Astrophysical Journal Letters, 2013, 771, L38.	3.0	17
394	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. V. A LOW ECCENTRICITY BROWN DWARF FROM THE DRIEST PART OF THE DESERT, MARVELS-6b. Astronomical Journal, 2013, 145, 155.	1.9	38
395	KELT-3b: A HOT JUPITER TRANSITING AV= 9.8 LATE-F STAR. Astrophysical Journal, 2013, 773, 64.	1.6	58
396	VERY-LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. III. A SHORT-PERIOD BROWN DWARF CANDIDATE AROUND AN ACTIVE G0IV SUBGIANT. Astronomical Journal, 2013, 145, 20.	1.9	12

#	Article	IF	Citations
397	A CAUTIONARY TALE: MARVELS BROWN DWARF CANDIDATE REVEALS ITSELF TO BE A VERY LONG PERIOD, HIGHLY ECCENTRIC SPECTROSCOPIC STELLAR BINARY. Astronomical Journal, 2013, 145, 139.	1.9	30
398	Monitoring the very-long-term variability of X-ray sources in the giant elliptical galaxy M87. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1375-1381.	1.6	3
399	OCCULTATION OF THE T TAURI STAR RW AURIGAE A BY ITS TIDALLY DISRUPTED DISK. Astronomical Journal, 2013, 146, 112.	1.9	47
400	Discovery of WASP-65b and WASP-75b: Two hot Jupiters without highly inflated radii. Astronomy and Astrophysics, 2013, 559, A36.	2.1	17
401	The EBLM project. Astronomy and Astrophysics, 2013, 549, A18.	2.1	76
402	The HoSTS Project: A Homogeneous Study of Transiting Systems. Proceedings of the International Astronomical Union, 2013, 8, 285-286.	0.0	0
403	Coronal Mass Ejections and Angular Momentum Loss in Young Stars. Proceedings of the International Astronomical Union, 2013, 8, 318-321.	0.0	2
404	The Effects of Magnetic Activity on Lithium-Inferred Ages of Stars. Proceedings of the International Astronomical Union, 2013, 9, 100-101.	0.0	0
405	A pas de trois birth for wide binary stars. Nature, 2012, 492, 191-192.	13.7	1
406	REFINED METALLICITY INDICES FOR M DWARFS USING THE SLoWPoKES CATALOG OF WIDE, LOW-MASS BINARIES. Astronomical Journal, 2012, 143, 67.	1.9	49
407	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. II. A SHORT-PERIOD COMPANION ORBITING AN F STAR WITH EVIDENCE OF A STELLAR TERTIARY AND SIGNIFICANT MUTUAL INCLINATION. Astronomical Journal, 2012, 144, 72.	1.9	16
408	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. I. A LOW-MASS RATIO STELLAR COMPANION TO TYC 4110-01037-1 IN A 79 DAY ORBIT. Astronomical Journal, 2012, 143, 107.	1.9	21
409	MASS LOSS IN PRE-MAIN-SEQUENCE STARS VIA CORONAL MASS EJECTIONS AND IMPLICATIONS FOR ANGULAR MOMENTUM LOSS. Astrophysical Journal, 2012, 760, 9.	1.6	88
410	AN EMPIRICAL CORRECTION FOR ACTIVITY EFFECTS ON THE TEMPERATURES, RADII, AND ESTIMATED MASSES OF LOW-MASS STARS AND BROWN DWARFS. Astrophysical Journal, 2012, 756, 47.	1.6	89
411	Empirical near-infrared colors for low-mass stars and brown dwarfs in the Orion Nebula Cluster. Astronomy and Astrophysics, 2012, 545, A19.	2.1	11
412	THE INITIAL MASS FUNCTION OF THE ORION NEBULA CLUSTER ACROSS THE H-BURNING LIMIT. Astrophysical Journal, 2012, 748, 14.	1.6	120
413	TIME-SERIES PHOTOMETRY OF STARS IN AND AROUND THE LAGOON NEBULA. I. ROTATION PERIODS OF 290 LOW-MASS PRE-MAIN-SEQUENCE STARS IN NGC 6530. Astrophysical Journal, 2012, 747, 51.	1.6	57
414	KELT-1b: A STRONGLY IRRADIATED, HIGHLY INFLATED, SHORT PERIOD, 27 JUPITER-MASS COMPANION TRANSITING A MID-F STAR. Astrophysical Journal, 2012, 761, 123.	1.6	230

#	Article	IF	Citations
415	YSOVAR: SIX PRE-MAIN-SEQUENCE ECLIPSING BINARIES IN THE ORION NEBULA CLUSTER. Astrophysical Journal, 2012, 753, 149.	1.6	36
416	CHARACTERIZING THE COOL KOIs. III. KOI 961: A SMALL STAR WITH LARGE PROPER MOTION AND THREE SMALL PLANETS. Astrophysical Journal, 2012, 747, 144.	1.6	209
417	DISCOVERY OF BRIGHT GALACTIC R CORONAE BOREALIS AND DY PERSEI VARIABLES: RARE GEMS MINED FROM ACVS. Astrophysical Journal, 2012, 755, 98.	1.6	17
418	LUMINOSITY DISCREPANCY IN THE EQUAL-MASS, PRE-MAIN-SEQUENCE ECLIPSING BINARY PAR 1802: NON-COEVALITY OR TIDAL HEATING?. Astrophysical Journal, 2012, 745, 58.	1.6	30
419	KELT-2Ab: A HOT JUPITER TRANSITING THE BRIGHT (V = 8.77) PRIMARY STAR OF A BINARY SYSTEM. Astrophysical Journal Letters, 2012, 756, L39.	3.0	60
420	No Evidence Supporting Flare-Driven High-Frequency Global Oscillations. Solar Physics, 2012, 281, 21.	1.0	5
421	The KELT-South Telescope1. Publications of the Astronomical Society of the Pacific, 2012, 124, 230-241.	1.0	144
422	HUBBLE SPACE TELESCOPEMEASURES OF MASS ACCRETION RATES IN THE ORION NEBULA CLUSTER. Astrophysical Journal, 2012, 755, 154.	1.6	75
423	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	3.0	1,158
424	HIGH-RESOLUTION SPECTROSCOPY DURING ECLIPSE OF THE YOUNG SUBSTELLAR ECLIPSING BINARY 2MASS 0535â€“0546. II. SECONDARY SPECTRUM: NO EVIDENCE THAT SPOTS CAUSE THE TEMPERATURE REVERSAL. Astrophysical Journal, 2012, 758, 12.	1.6	7
425	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	1.9	1,700
426	THE COLOR-PERIOD DIAGRAM AND STELLAR ROTATIONAL EVOLUTIONâ€”NEW ROTATION PERIOD MEASUREMENTS IN THE OPEN CLUSTER M34. Astrophysical Journal, 2011, 733, 115.	1.6	128
427	MARVELS-1b: A SHORT-PERIOD, BROWN DWARF DESERT CANDIDATE FROM THE SDSS-III MARVELS PLANET SEARCH. Astrophysical Journal, 2011, 728, 32.	1.6	29
428	Precise orbit solution of MMLÂ53, a low-mass, pre-main sequence eclipsing binary in Upper Centaurus Lupus. Astronomy and Astrophysics, 2011, 531, A61.	2.1	8
429	Solar Flares and Coronal Mass Ejections: AÂStatistically Determined Flare Fluxâ€‰â€“â€‰CME Mass Correlation. Solar Physics, 2011, 268, 195-212.	1.0	85
430	The Fisk-Vanderbilt Masterâ€™s-to-Ph.D. Bridge Program: Recognizing, enlisting, and cultivating unrealized or unrecognized potential in underrepresented minority students. American Journal of Physics, 2011, 79, 374-379.	0.3	28
431	X-RAY STAR CLUSTERS IN THE CARINA COMPLEX. Astrophysical Journal, Supplement Series, 2011, 194, 9.	3.0	73
432	SPECTRAL ENERGY DISTRIBUTIONS OF YOUNG STARS IN IC 348: THE ROLE OF DISKS IN ANGULAR MOMENTUM EVOLUTION OF YOUNG, LOW-MASS STARS. Astronomical Journal, 2011, 142, 55.	1.9	16

#	Article	IF	Citations
433	RESOLVED SPECTROSCOPY OF M DWARF/L DWARF BINARIES. IV. DISCOVERY OF AN M9 + L6 BINARY SEPARATED BY OVER 100 AU. Astronomical Journal, 2011, 141, 7.	1.9	20
434	APSIDAL MOTION OF THE MASSIVE, BENCHMARK ECLIPSING BINARY V578 Mon. Astronomical Journal, 2011, 142, 27.	1.9	9
435	EXPECTED LARGE SYNOPTIC SURVEY TELESCOPE (LSST) YIELD OF ECLIPSING BINARY STARS. Astronomical Journal, 2011, 142, 52.	1.9	14
436	THE CHANDRA CARINA COMPLEX PROJECT VIEW OF TRUMPLER 16. Astrophysical Journal, Supplement Series, 2011, 194, 12.	3.0	42
437	HIGH-CADENCE TIME-SERIES PHOTOMETRY OF V1647 ORIONIS. Astronomical Journal, 2011, 142, 141.	1.9	8
438	ECLIPSING BINARY SCIENCE VIA THE MERGING OF TRANSIT AND DOPPLER EXOPLANET SURVEY DATAâ€"A CASE STUDY WITH THE MARVELS PILOT PROJECT AND SuperWASP. Astronomical Journal, 2011, 142, 50.	1.9	3
439	A CHANDRA ACIS STUDY OF THE YOUNG STAR CLUSTER TRUMPLER 15 IN CARINA AND CORRELATION WITH NEAR-INFRARED SOURCES. Astrophysical Journal, Supplement Series, 2011, 194, 11.	3.0	43
440	AN INTRODUCTION TO THE CHANDRA CARINA COMPLEX PROJECT. Astrophysical Journal, Supplement Series, 2011, 194, 1.	3.0	117
441	A PAN-CARINA YOUNG STELLAR OBJECT CATALOG: INTERMEDIATE-MASS YOUNG STELLAR OBJECTS IN THE CARINA NEBULA IDENTIFIED VIA MID-INFRARED EXCESS EMISSION. Astrophysical Journal, Supplement Series, 2011, 194, 14.	3.0	105
442	A SEARCH FOR STAR-DISK INTERACTION AMONG THE STRONGEST X-RAY FLARING STARS IN THE ORION NEBULA CLUSTER. Astrophysical Journal, 2010, 717, 93-106.	1.6	23
443	THE HIGH-ORDER MULTIPLICITY OF UNUSUALLY WIDE M DWARF BINARIES: ELEVEN NEW TRIPLE AND QUADRUPLE SYSTEMS. Astrophysical Journal, 2010, 720, 1727-1737.	1.6	52
444	A MULTI-COLOR OPTICAL SURVEY OF THE ORION NEBULA CLUSTER. II. THE H-R DIAGRAM. Astrophysical Journal, 2010, 722, 1092-1114.	1.6	130
445	DISCOVERY OF A LOW-MASS COMPANION TO A METAL-RICH F STAR WITH THE MARVELS PILOT PROJECT. Astrophysical Journal, 2010, 718, 1186-1199.	1.6	41
446	HIGH-RESOLUTION SPECTROSCOPY DURING ECLIPSE OF THE YOUNG SUBSTELLAR ECLIPSING BINARY 2MASS 0535â€"0546. I. PRIMARY SPECTRUM: COOL SPOTS VERSUS OPACITY UNCERTAINTIES. Astrophysical Journal, 2010, 722, 1138-1147.	1.6	13
447	Spitzer Space Telescope observations of the Carina nebula: the steady march of feedback-driven star formation. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	46
448	MMLÂ53: a new low-mass, pre-main sequence eclipsing binary in the Upper Centaurus-Lupus region discovered by SuperWASP. Astronomy and Astrophysics, 2010, 522, A37.	2.1	18
449	SLOAN LOW-MASS WIDE PAIRS OF KINEMATICALLY EQUIVALENT STARS (SLoWPoKES): A CATALOG OF VERY WIDE, LOW-MASS PAIRS. Astronomical Journal, 2010, 139, 2566-2586.	1.9	111
450	THE EXOTIC ECLIPSING NUCLEUS OF THE RING PLANETARY NEBULA SuWt 2. Astronomical Journal, 2010, 140, 1414-1427.	1.9	19

#	Article	IF	Citations
451	Time - resolved Gamma Ray spectral analysis of planetary neutron and Gamma Ray instrumentation. , 2010, , .		1
452	STELLAR ROTATION IN M35: MASS-PERIOD RELATIONS, SPIN-DOWN RATES, AND GYROCHRONOLOGY. Astrophysical Journal, 2009, 695, 679-694.	1.6	198
453	NEAR-INFRARED LIGHT CURVES OF THE BROWN DWARF ECLIPSING BINARY 2MASS J05352184-0546085: CAN SPOTS EXPLAIN THE TEMPERATURE REVERSAL?. Astrophysical Journal, 2009, 699, 1196-1208.	1.6	20
454	T Tauri Angular Momentum Loss via Large Scale Eruptive Flaring Events. , 2009, , .		3
455	Fundamental Properties of Low-Mass Stars and Brown Dwarfs. , 2009, , .		1
456	The Connection Between Optical and X-ray Variability in Preâ€"Main-Sequence Stars. , 2009, , .		0
457	SLoWPoKES: A Catalog of Very Wide, Low-Mass Binary Stars. , 2009, , .		1
458	A MULTI-COLOR OPTICAL SURVEY OF THE ORION NEBULA CLUSTER. I. THE CATALOG. Astrophysical Journal, Supplement Series, 2009, 183, 261-277.	3.0	50
459	CIRCUMSTELLAR ENVIRONMENT AND EFFECTIVE TEMPERATURE OF THE YOUNG SUBSTELLAR ECLIPSING BINARY 2MASS J05352184â€“0546085. Astrophysical Journal, 2009, 697, 713-720.	1.6	14
460	Surprising dissimilarities in a newly formed pair of â€˜identical twinâ€™ stars. Nature, 2008, 453, 1079-1082.	13.7	48
461	A SURVEY FOR A COEVAL, COMOVING GROUP ASSOCIATED WITH HD 141569. Astronomical Journal, 2008, 136, 2483-2492.	1.9	13
462	Eclipsing binary stars as tests of stellar evolutionary models and stellar ages. Proceedings of the International Astronomical Union, 2008, 4, 161-170.	0.0	5
463	Discovery of Par 1802 as a Lowâ€Mass, Preâ€Mainâ€Sequence Eclipsing Binary in the Orion Starâ€Forming Region. Astrophysical Journal, 2008, 674, 329-335.	1.6	30
464	The pre-main-sequence eclipsing binary ASAS J052821+0338.5. Astronomy and Astrophysics, 2008, 481, 747-755.	2.1	23
465	Periodic Accretion from a Circumbinary Disk in the Young Binary UZ Tau E. Astronomical Journal, 2007, 134, 241-251.	1.9	69
466	Detection of Strong Activity in the Eclipsing Binary Brown Dwarf 2MASS J05352184-0546085: A Possible Explanation for the Temperature Reversal. Astrophysical Journal, 2007, 671, L149-L152.	1.6	20
467	A Simultaneous Optical and Xâ€Ray Variability Study of the Orion Nebula Cluster. II. A Common Origin in Magnetic Activity. Astrophysical Journal, 2007, 660, 704-711.	1.6	23
468	A Surprising Reversal of Temperatures in the Brown Dwarf Eclipsing Binary 2MASS J05352184â^'0546085. Astrophysical Journal, 2007, 664, 1154-1166.	1.6	89

#	Article	IF	Citations
469	The Effect of Binarity on Stellar Rotation: Beyond the Reach of Tides. Astrophysical Journal, 2007, 665, L155-L158.	1.6	37
470	The Monitor project: JW 380 â€“ a 0.26-, 0.15-MâŠ™, pre-main-sequence eclipsing binary in the Orion nebula cluster. Monthly Notices of the Royal Astronomical Society, 2007, 380, 541-550.	1.6	42
471	Nearâ€Infrared Synthetic Images of Protostellar Disks and Envelopes. Astrophysical Journal, 2006, 649, 900-913.	1.6	43
472	Discovery of two young brown dwarfs in an eclipsing binary system. Nature, 2006, 440, 311-314.	13.7	239
473	An Observational Study of Tidal Synchronization in Solarâ€Type Binary Stars in the Open Clusters M35 and M34. Astrophysical Journal, 2006, 653, 621-635.	1.6	72
474	A Simultaneous Optical and Xâ€Ray Variability Study of the Orion Nebula Cluster. I. Incidence of Timeâ€correlated Xâ€Ray/Optical Variations. Astrophysical Journal, 2006, 649, 914-926.	1.6	49
475	The Origin of T Tauri Xâ€Ray Emission: New Insights from the Chandra Orion Ultradeep Project. Astrophysical Journal, Supplement Series, 2005, 160, 401-422.	3.0	407
476	Opening the Treasure Chest: A Newborn Star Cluster Emerges from Its Dust Pillar in Carina. Astronomical Journal, 2005, 129, 888-899.	1.9	47
477	Bright Xâ€Ray Flares in Orion Young Stars from COUP: Evidence for Starâ€Disk Magnetic Fields?. Astrophysical Journal, Supplement Series, 2005, 160, 469-502.	3.0	227
478	X-Ray Properties of Pre-Main-Sequence Stars in the Orion Nebula Cluster with Known Rotation Periods. Astronomical Journal, 2004, 127, 3537-3552.	1.9	63
479	Dynamical Mass Constraints on Lowâ€Mass Preâ€“Mainâ€Sequence Stellar Evolutionary Tracks: An Eclipsing Binary in Orion with a 1.0 M âŠ™ Primary and a 0.7 M âŠ™ Secondary. Astrophysical Journal, Supplement Series, 2004, 151, 357-385.	3.0	85
480	Angular Momentum Evolution of Young Stars: Toward a Synthesis of Observations, Theory, and Modeling. Publications of the Astronomical Society of the Pacific, 2003, 115, 505-512.	1.0	19
481	Sub-Subgiants in the Old Open Cluster M67?. Astronomical Journal, 2003, 125, 246-259.	1.9	57
482	Photometric variability in the old open cluster Mâ€‰67. Astronomy and Astrophysics, 2002, 382, 899-909.	2.1	32
483	Photometric variability in the open cluster M 67. Astronomy and Astrophysics, 2002, 382, 888-898.	2.1	25
484	A Brief Introduction to DQ Tau. Symposium - International Astronomical Union, 2001, 200, 415-418.	0.1	0
485	The blue straggler S 1082: A triple system in the old open cluster M 67. Astronomy and Astrophysics, 2001, 375, 375-386.	2.1	42
486	A 10 Micron Search for Truncated Disks Among Preâ€“Main-Sequence Stars with Photometric Rotation Periods. Astronomical Journal, 2001, 121, 1003-1012.	1.9	39

#	Article	IF	Citations
487	Scattered Light Models of Protostellar Envelopes: Multiple Outflow Cavities and Misaligned Circumstellar Disks. Astrophysical Journal, 2001, 561, 299-307.	1.6	26
488	Optical Variability of the T Tauri Star HH 30 IRS. Astrophysical Journal, 2000, 542, L21-L24.	1.6	17
489	The Rotation Period Distribution of Preâ€“Main-Sequence Stars in and around the Orion Nebula. Astronomical Journal, 1999, 117, 2941-2979.	1.9	247
490	Magnetic Accretion and Photopolarimetric Variability in Classical T Tauri Stars. Astrophysical Journal, 1999, 510, 892-904.	1.6	26
491	The Classical T Tauri Spectroscopic Binary DQ Tau.I.Orbital Elements and Light Curves. Astronomical Journal, 1997, 113, 1841.	1.9	161
492	V473 Lyr, a modulated, period-doubled Cepheid, and UÂTrA, a double-mode Cepheid observed by MOST. Monthly Notices of the Royal Astronomical Society, 0, , stw3345.	1.6	5