

Andrew Vanderburg

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

9,459
citations

41258

49
h-index

58464

82
g-index

194
all docs

194
docs citations

194
times ranked

4091
citing authors

#	ARTICLE	IF	CITATIONS
1	A Technique for Extracting Highly Precise Photometry for the Two-Wheeled Kepler Mission. Publications of the Astronomical Society of the Pacific, 2014, 126, 948-958.	1.0	465
2	A disintegrating minor planet transiting a white dwarf. Nature, 2015, 526, 546-549.	13.7	367
3	Growth model interpretation of planet size distribution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9723-9728.	3.3	311
4	Identifying Exoplanets with Deep Learning: A Five-planet Resonant Chain around Kepler-80 and an Eighth Planet around Kepler-90. Astronomical Journal, 2018, 155, 94.	1.9	246
5	WASP-47: A HOT JUPITER SYSTEM WITH TWO ADDITIONAL PLANETS DISCOVERED BY K2. Astrophysical Journal Letters, 2015, 812, L18.	3.0	207
6	EXTRACTING RADIAL VELOCITIES OF A- AND B-TYPE STARS FROM ECHELLE SPECTROGRAPH CALIBRATION SPECTRA. Astrophysical Journal, Supplement Series, 2015, 217, 29.	3.0	207
7	PLANETARY CANDIDATES FROM THE FIRST YEAR OF THE K2 MISSION. Astrophysical Journal, Supplement Series, 2016, 222, 14.	3.0	196
8	The TESS Objects of Interest Catalog from the TESS Prime Mission. Astrophysical Journal, Supplement Series, 2021, 254, 39.	3.0	190
9	ZODIACAL EXOPLANETS IN TIME (ZEIT). III. A SHORT-PERIOD PLANET ORBITING A PRE-MAIN-SEQUENCE STAR IN THE UPPER SCORPIUS OB ASSOCIATION. Astronomical Journal, 2016, 152, 61.	1.9	156
10	ZODIACAL EXOPLANETS IN TIME (ZEIT). I. A NEPTUNE-SIZED PLANET ORBITING AN M4.5 DWARF IN THE HYADES STAR CLUSTER. Astrophysical Journal, 2016, 818, 46.	1.6	155
11	TESS Discovery of a Transiting Super-Earth in the pi Mensae System. Astrophysical Journal Letters, 2018, 868, L39.	3.0	148
12	A planet within the debris disk around the pre-main-sequence star AU Microscopii. Nature, 2020, 582, 497-500.	13.7	145
13	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0-10. Astronomical Journal, 2018, 155, 136.	1.9	141
14	Absence of a thick atmosphere on the terrestrial exoplanet LHS3844b. Nature, 2019, 573, 87-90.	13.7	139
15	ZODIACAL EXOPLANETS IN TIME (ZEIT). IV. SEVEN TRANSITING PLANETS IN THE PRAESEPE CLUSTER. Astronomical Journal, 2017, 153, 64.	1.9	133
16	Photometry of 10 Million Stars from the First Two Years of TESS Full Frame Images: Part I. Research Notes of the AAS, 2020, 4, 204.	0.3	131
17	A giant planet candidate transiting a white dwarf. Nature, 2020, 585, 363-367.	13.7	111
18	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucana-Horologium Association. Astrophysical Journal Letters, 2019, 880, L17.	3.0	110

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19	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019, 871, L24.	3.0	108
20	CHARACTERIZING K2 PLANET DISCOVERIES: A SUPER-EARTH TRANSITING THE BRIGHT K DWARF HIP 116454. <i>Astrophysical Journal</i> , 2015, 800, 59.	1.6	104
21	Drifting asteroid fragments around WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3904-3917.	1.6	104
22	An Ultra-short Period Rocky Super-Earth with a Secondary Eclipse and a Neptune-like Companion around K2-141. <i>Astronomical Journal</i> , 2018, 155, 107.	1.9	103
23	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1–7. <i>Astronomical Journal</i> , 2017, 154, 207.	1.9	95
24	Zodiacal Exoplanets in Time (ZEIT). VI. A Three-planet System in the Hyades Cluster Including an Earth-sized Planet. <i>Astronomical Journal</i> , 2018, 155, 4.	1.9	94
25	KEPLER-445, KEPLER-446 AND THE OCCURRENCE OF COMPACT MULTIPLES ORBITING MID-M DWARF STARS. <i>Astrophysical Journal</i> , 2015, 801, 18.	1.6	93
26	Three-planet System: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets. <i>Astronomical Journal</i> , 2017, 154, 122.	1.9	90
27	When Do Stalled Stars Resume Spinning Down? Advancing Gyrochronology with Ruprecht 147. <i>Astrophysical Journal</i> , 2020, 904, 140.	1.6	89
28	A 1.9 EARTH RADIUS ROCKY PLANET AND THE DISCOVERY OF A NON-TRANSITING PLANET IN THE KEPLER-20 SYSTEM*. <i>Astronomical Journal</i> , 2016, 152, 160.	1.9	85
29	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , 2019, 3, 1099-1108.	4.2	84
30	Likely transiting exocomets detected by Kepler. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1453-1468.	1.6	83
31	Photometry of 10 Million Stars from the First Two Years of TESS Full Frame Images: Part II. <i>Research Notes of the AAS</i> , 2020, 4, 206.	0.3	83
32	K2-97b: A (RE-)INFLATED PLANET ORBITING A RED GIANT STAR. <i>Astronomical Journal</i> , 2016, 152, 185.	1.9	82
33	Radial velocity planet detection biases at the stellar rotational period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3565-3573.	1.6	81
34	Zodiacal Exoplanets in Time (ZEIT). V. A Uniform Search for Transiting Planets in Young Clusters Observed by K2. <i>Astronomical Journal</i> , 2017, 154, 224.	1.9	81
35	KEPLER-21b: A ROCKY PLANET AROUND A V=8.25 mag STAR*. <i>Astronomical Journal</i> , 2016, 152, 204.	1.9	80
36	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019, 881, L19.	3.0	80

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37	Seeing Double with K2: Testing Re-inflation with Two Remarkably Similar Planets around Red Giant Branch Stars. <i>Astronomical Journal</i> , 2017, 154, 254.	1.9	79
38	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2018, 155, 57.	1.9	76
39	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. <i>Astronomical Journal</i> , 2017, 154, 226.	1.9	74
40	FIVE PLANETS TRANSITING A NINTH MAGNITUDE STAR. <i>Astrophysical Journal Letters</i> , 2016, 827, L10.	3.0	73
41	Zodiacal Exoplanets in Time (ZEIT). VIII. A Two-planet System in Praesepe from K2 Campaign 16. <i>Astronomical Journal</i> , 2018, 156, 195.	1.9	72
42	CHARACTERIZING THE COOL KOIs. VI. <i>H</i> - AND <i>K</i> -BAND SPECTRA OF <i>KEPLER</i> M DWARF PLANET-CANDIDATE HOSTS. <i>Astrophysical Journal</i> , Supplement Series, 2014, 213, 5.	3.0	70
43	TWO SMALL PLANETS TRANSITING HD 3167. <i>Astrophysical Journal Letters</i> , 2016, 829, L9.	3.0	70
44	TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune*. <i>Astrophysical Journal Letters</i> , 2019, 875, L7.	3.0	69
45	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. <i>Astronomical Journal</i> , 2020, 160, 179.	1.9	68
46	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020, 160, 116.	1.9	67
47	Precise Masses in the WASP-47 System. <i>Astronomical Journal</i> , 2017, 154, 237.	1.9	66
48	TESS Hunt for Young and Maturing Exoplanets (THYME). II. A 17 Myr Old Transiting Hot Jupiter in the Sco-Cen Association. <i>Astronomical Journal</i> , 2020, 160, 33.	1.9	65
49	A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system. <i>Nature Astronomy</i> , 2019, 3, 416-423.	4.2	64
50	CHARACTERIZING THE COOL KOIs. V. KOI-256: A MUTUALLY ECLIPSING POST-COMMON ENVELOPE BINARY. <i>Astrophysical Journal</i> , 2013, 767, 111.	1.6	63
51	THE K2 M67 STUDY: REVISITING OLD FRIENDS WITH K2 REVEALS OSCILLATING RED GIANTS IN THE OPEN CLUSTER M67. <i>Astrophysical Journal</i> , 2016, 832, 133.	1.6	63
52	The Kepler-19 System: A Thick-envelope Super-Earth with Two Neptune-mass Companions Characterized Using Radial Velocities and Transit Timing Variations. <i>Astronomical Journal</i> , 2017, 153, 224.	1.9	58
53	DOPPLER MONITORING OF FIVE K2 TRANSITING PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 823, 115.	1.6	57
54	THE KEPLER-454 SYSTEM: A SMALL, NOT-ROCKY INNER PLANET, A JOVIAN WORLD, AND A DISTANT COMPANION. <i>Astrophysical Journal</i> , 2016, 816, 95.	1.6	55

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55	THE K2-ESPRINT PROJECT. V. A SHORT-PERIOD GIANT PLANET ORBITING A SUBGIANT STAR*. <i>Astronomical Journal</i> , 2016, 152, 143.	1.9	54
56	Zodiacal exoplanets in time (ZEIT) II. A \sim super-Earth TM orbiting a young K dwarf in the Pleiades Neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 850-862.	1.6	54
57	Precise Stellar Radial Velocities of an M Dwarf with a Michelson Interferometer and a Medium-Resolution Near-Infrared Spectrograph. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 709-724.	1.0	53
58	Multiwavelength Transit Observations of the Candidate Disintegrating Planetesimals Orbiting WD 1145+017. <i>Astrophysical Journal</i> , 2017, 836, 82.	1.6	53
59	A Multi-planet System Transiting the $V_A=9$ Rapidly Rotating F-Star HD 106315. <i>Astronomical Journal</i> , 2017, 153, 256.	1.9	52
60	TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 1-26. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 16.	3.0	50
61	DOPPLER MONITORING OF THE WASP-47 MULTIPLANET SYSTEM. <i>Astrophysical Journal Letters</i> , 2015, 813, L9.	3.0	49
62	K2-231 b: A Sub-Neptune Exoplanet Transiting a Solar Twin in Ruprecht 147. <i>Astronomical Journal</i> , 2018, 155, 173.	1.9	49
63	Three Statistically Validated K2 Transiting Warm Jupiter Exoplanets Confirmed as Low-mass Stars. <i>Astrophysical Journal Letters</i> , 2017, 847, L18.	3.0	46
64	WD 1145+017: optical activity during 2016-2017 and limits on the X-ray flux. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 933-946.	1.6	46
65	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.	1.9	46
66	The Young Substellar Companion ROXs 12 B: Near-infrared Spectrum, System Architecture, and Spin-Orbit Misalignment [*] . <i>Astronomical Journal</i> , 2017, 154, 165.	1.9	45
67	A System of Three Super Earths Transiting the Late K-Dwarf GJ 9827 at 30 pc. <i>Astronomical Journal</i> , 2018, 155, 72.	1.9	44
68	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. I. Classifying Low-mass Host Stars Observed during Campaigns 1-7. <i>Astrophysical Journal</i> , 2017, 836, 167.	1.6	43
69	Tidally trapped pulsations in a close binary star system discovered by TESS. <i>Nature Astronomy</i> , 2020, 4, 684-689.	4.2	43
70	DISCOVERY AND EARLY MULTI-WAVELENGTH MEASUREMENTS OF THE ENERGETIC TYPE IC SUPERNOVA PTF12GZK: A MASSIVE-STAR EXPLOSION IN A DWARF HOST GALAXY. <i>Astrophysical Journal Letters</i> , 2012, 760, L33.	3.0	42
71	Weighing in on the masses of retired A stars with asteroseismology: K2 observations of the exoplanet-host star HD 212771. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1360-1368.	1.6	42
72	Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS. <i>Astronomical Journal</i> , 2021, 161, 2.	1.9	42

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73	Identifying Exoplanets with Deep Learning. III. Automated Triage and Vetting of TESS Candidates. <i>Astronomical Journal</i> , 2019, 158, 25.	1.9	41
74	Identifying Exoplanets with Deep Learning. II. Two New Super-Earths Uncovered by a Neural Network in K2 Data. <i>Astronomical Journal</i> , 2019, 157, 169.	1.9	41
75	Planet Hunters TESS I: TOI-113, 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.	1.6	41
76	The First Post-Kepler Brightness Dips of KIC 8462852. <i>Astrophysical Journal Letters</i> , 2018, 853, L8.	3.0	38
77	Masses and radii for the three super-Earths orbiting GJ 9827, and implications for the composition of small exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3731-3745.	1.6	38
78	A Well-aligned Orbit for the 45 Myr-old Transiting Neptune DS Tuc Ab. <i>Astrophysical Journal Letters</i> , 2020, 892, L21.	3.0	37
79	The single-sided pulsator COCamelopardalis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5118-5133.	1.6	37
80	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020, 892, L7.	3.0	37
81	Exterior Companions to Hot Jupiters Orbiting Cool Stars Are Coplanar. <i>Astronomical Journal</i> , 2017, 154, 230.	1.9	36
82	K2-114b and K2-115b: Two Transiting Warm Jupiters. <i>Astronomical Journal</i> , 2017, 154, 188.	1.9	36
83	Zodiacal Exoplanets in Time (ZEIT). VII. A Temperate Candidate Super-Earth in the Hyades Cluster. <i>Astronomical Journal</i> , 2018, 156, 46.	1.9	36
84	CHARACTERIZING THE COOL KOIs. VIII. PARAMETERS OF THE PLANETS ORBITING <i>KEPLER</i>'S COOLEST DWARFS. <i>Astrophysical Journal</i> , Supplement Series, 2015, 218, 26.	3.0	35
85	A Compact Multi-planet System with a Significantly Misaligned Ultra Short Period Planet. <i>Astronomical Journal</i> , 2018, 156, 245.	1.9	35
86	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.	1.9	35
87	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177.	1.9	34
88	Photodynamical analysis of the triply eclipsing hierarchical triple system EPIC-249432662. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1934-1951.	1.6	34
89	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces-Eridanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65.	1.9	34
90	TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux. <i>Astronomical Journal</i> , 2022, 163, 156.	1.9	34

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91	HD 2685 <i>b</i> : a hot Jupiter orbiting an early F-type star detected by TESS. <i>Astronomy and Astrophysics</i> , 2019, 625, A16.	2.1	33
92	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.	1.6	33
93	The TESS “Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. <i>Astronomical Journal</i> , 2020, 159, 241.	1.9	32
94	GJ 1252 b: A 1.2 R_{\oplus} Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020, 890, L7.	3.0	31
95	Orbital Parameter Determination for Wide Stellar Binary Systems in the Age of Gaia. <i>Astrophysical Journal</i> , 2020, 894, 115.	1.6	30
96	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 117.	1.9	29
97	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5399-5412.	1.6	28
98	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	1.9	28
99	The White Dwarf Opportunity: Robust Detections of Molecules in Earth-like Exoplanet Atmospheres with the James Webb Space Telescope. <i>Astrophysical Journal Letters</i> , 2020, 901, L1.	3.0	28
100	HATS-36b and 24 Other Transiting/Eclipsing Systems from the HATSouth-K2 Campaign 7 Program. <i>Astronomical Journal</i> , 2018, 155, 119.	1.9	27
101	The Warm Neptunes around HD 106315 Have Low Stellar Obliquities. <i>Astronomical Journal</i> , 2018, 156, 93.	1.9	27
102	Blue Lurkers: Hidden Blue Stragglers on the M67 Main Sequence Identified from Their Kepler/K2 Rotation Periods. <i>Astrophysical Journal</i> , 2019, 881, 47.	1.6	27
103	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , 2020, 160, 153.	1.9	27
104	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. <i>Astronomical Journal</i> , 2022, 163, 171.	1.9	27
105	THE K2 M67 STUDY: AN EVOLVED BLUE STRAGGLER IN M67 FROM K2 MISSION ASTEROSEISMOLOGY*. <i>Astrophysical Journal Letters</i> , 2016, 832, L13.	3.0	26
106	Detecting Exomoons via Doppler Monitoring of Directly Imaged Exoplanets. <i>Astronomical Journal</i> , 2018, 156, 184.	1.9	26
107	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.	1.9	25
108	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.	1.9	25

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109	New Substellar Discoveries from Kepler and K2: Is There a Brown Dwarf Desert?. <i>Astronomical Journal</i> , 2019, 158, 38.	1.9	24
110	Recurring Planetary Debris Transits and Circumstellar Gas around White Dwarf ZTF J0328â€“1219. <i>Astrophysical Journal</i> , 2021, 917, 41.	1.6	24
111	Discovery of a Transiting Adolescent Sub-Neptune Exoplanet with K2. <i>Astronomical Journal</i> , 2018, 156, 302.	1.9	23
112	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. IV. Updated Properties for 86 Cool Dwarfs Observed during Campaigns 1â€“17. <i>Astronomical Journal</i> , 2019, 158, 87.	1.9	23
113	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022, 163, 168.	1.9	23
114	The TESS Faint-star Search: 1617 TOIs from the TESS Primary Mission. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 33.	3.0	23
115	Six new compact triply eclipsing triples found with <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4341-4360.	1.6	23
116	WD 1202-024: the shortest-period pre-cataclysmic variable. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 948-961.	1.6	22
117	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	1.9	22
118	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	1.9	22
119	The Mysterious Dimmings of the T Tauri Star V1334 Tau. <i>Astrophysical Journal</i> , 2017, 836, 209.	1.6	21
120	Eclipsing Binaries in the Open Cluster Ruprecht 147. I. EPIC 219394517. <i>Astrophysical Journal</i> , 2018, 866, 67.	1.6	21
121	Precise Transit and Radial-velocity Characterization of a Resonant Pair: The Warm Jupiter TOI-216c and Eccentric Warm Neptune TOI-216b. <i>Astronomical Journal</i> , 2021, 161, 161.	1.9	21
122	True Masses of the Long-period Companions to HD 92987 and HD 221420 from Hipparcosâ€™Gaia Astrometry. <i>Astronomical Journal</i> , 2021, 162, 12.	1.9	21
123	A Discrete Set of Possible Transit Ephemerides for Two Long-period Gas Giants Orbiting HIP 41378. <i>Astronomical Journal</i> , 2019, 157, 19.	1.9	20
124	Know thy star, know thy planet: chemo-kinematically characterizing <i>TESS</i> targets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4365-4381.	1.6	20
125	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021, 162, 161.	1.9	20
126	Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au. <i>Astronomical Journal</i> , 2019, 158, 181.	1.9	20

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127	The First Habitable-zone Earth-sized Planet from TESS. III. Climate States and Characterization Prospects for TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 118.	1.9	20
128	Identifying Exoplanets with Deep Learning. IV. Removing Stellar Activity Signals from Radial Velocity Measurements Using Neural Networks. <i>Astronomical Journal</i> , 2022, 164, 49.	1.9	20
129	An Accurate Mass Determination for Kepler-1655b, a Moderately Irradiated World with a Significant Volatile Envelope. <i>Astronomical Journal</i> , 2018, 155, 203.	1.9	19
130	TOI-132b: A short-period planet in the Neptune desert transiting a $V = 11.3$ -type star.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 973-985.	1.6	19
131	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results*. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 33.	3.0	19
132	The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. <i>Astronomical Journal</i> , 2022, 163, 61.	1.9	19
133	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1-C8 and C10-C18. <i>Astrophysical Journal</i> , 2022, 926, 191.	1.6	19
134	Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , 2020, 639, A76.	2.1	17
135	A dearth of small particles in the transiting material around the white dwarf WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4795-4809.	1.6	16
136	Ninety-seven Eclipsing Quadruple Star Candidates Discovered in TESS Full-frame Images. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 66.	3.0	16
137	A Habitable-zone Earth-sized Planet Rescued from False Positive Status. <i>Astrophysical Journal Letters</i> , 2020, 893, L27.	3.0	15
138	TWO STARS TWO WAYS: CONFIRMING A MICROLENSING BINARY LENS SOLUTION WITH A SPECTROSCOPIC MEASUREMENT OF THE ORBIT. <i>Astrophysical Journal</i> , 2016, 821, 121.	1.6	15
139	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , 2020, 160, 113.	1.9	15
140	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. <i>Astronomical Journal</i> , 2020, 160, 209.	1.9	15
141	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022, 163, 207.	1.9	15
142	The Visual Survey Group: A Decade of Hunting Exoplanets and Unusual Stellar Events with Space-based Telescopes. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 074401.	1.0	15
143	Shallow Ultraviolet Transits of WD 1145+017. <i>Astronomical Journal</i> , 2019, 157, 255.	1.9	14
144	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020, 159, 243.	1.9	14

#	ARTICLE	IF	CITATIONS
145	The Origin of Systems of Tightly Packed Inner Planets with Misaligned, Ultra-short-period Companions. <i>Astronomical Journal</i> , 2020, 160, 254.	1.9	14
146	Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14. <i>Astronomical Journal</i> , 2018, 156, 127.	1.9	13
147	K2-291b: A Rocky Super-Earth in a 2.2 day Orbit [*] <i>Astronomical Journal</i> , 2019, 157, 116.	1.9	13
148	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.	1.9	13
149	A Pair of Warm Giant Planets near the 2:1 Mean Motion Resonance around the K-dwarf Star TOI-2202*. <i>Astronomical Journal</i> , 2021, 162, 283.	1.9	13
150	The K2 M67 Study: Establishing the Limits of Stellar Rotation Period Measurements in M67 with K2 Campaign 5 Data. <i>Astrophysical Journal</i> , 2018, 859, 167.	1.6	12
151	Survival function analysis of planet size distribution with Gaia Data Release 2 updates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5567-5576.	1.6	12
152	Giant Outer Transiting Exoplanet Mass (GOT $\hat{=}$ EM) Survey. I. Confirmation of an Eccentric, Cool Jupiter with an Interior Earth-sized Planet Orbiting Kepler-1514*. <i>Astronomical Journal</i> , 2021, 161, 103.	1.9	12
153	Eclipsing Binaries in the Open Cluster Ruprecht 147. III. The Triple System EPIC 219552514 at the Main-sequence Turnoff. <i>Astrophysical Journal</i> , 2020, 896, 162.	1.6	12
154	TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. <i>Astronomical Journal</i> , 2022, 163, 53.	1.9	12
155	EPIC 246851721 b: A Tropical Jupiter Transiting a Rapidly Rotating Star in a Well-aligned Orbit. <i>Astronomical Journal</i> , 2018, 156, 250.	1.9	11
156	Asteroseismology of the Multiplanet System K2-93. <i>Astronomical Journal</i> , 2019, 158, 248.	1.9	11
157	NEID Rossiter-McLaughlin Measurement of TOI-1268b: A Young Warm Saturn Aligned with Its Cool Host Star. <i>Astrophysical Journal Letters</i> , 2022, 926, L7.	3.0	11
158	Occultations from an Active Accretion Disk in a 72-day Detached Post-Algol System Detected by K2. <i>Astrophysical Journal</i> , 2018, 854, 109.	1.6	10
159	Using HARPS-N to characterize the long-period planets in the PH-2 and Kepler-103 systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5103-5121.	1.6	10
160	Reassessing the Evidence for Time Variability in the Atmosphere of the Exoplanet HAT-P-7 b. <i>Astronomical Journal</i> , 2022, 163, 181.	1.9	10
161	The Discovery of a Planetary Companion Interior to Hot Jupiter WASP-132 b. <i>Astronomical Journal</i> , 2022, 164, 13.	1.9	10
162	Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.	1.9	10

#	ARTICLE	IF	CITATIONS
163	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
164	Eclipsing Binaries in the Open Cluster Ruprecht 147. II. Epic 219568666. Astrophysical Journal, 2019, 887, 109.	1.6	9
165	Transiting Disintegrating Planetary Debris Around WD 1145+017. , 2018, , 2603-2626.		8
166	The K2 M67 Study: A Curiously Young Star in an Eclipsing Binary in an Old Open Cluster*. Astronomical Journal, 2018, 155, 152.	1.9	8
167	A Decade of Radial-velocity Monitoring of Vega and New Limits on the Presence of Planets. Astronomical Journal, 2021, 161, 157.	1.9	8
168	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
169	The Obliquity of HIP 67522 b: A 17 Myr Old Transiting Hot, Jupiter-sized Planet. Astrophysical Journal Letters, 2021, 922, L1.	3.0	8
170	Variability in the Massive Open Cluster NGC 1817 from K2: A Rich Population of Asteroseismic Red Clump, Eclipsing Binary, and Main-sequence Pulsating Stars. Astronomical Journal, 2020, 159, 96.	1.9	7
171	The K2 M67 Study: Precise Mass for a Turnoff Star in the Old Open Cluster M67. Astronomical Journal, 2021, 161, 59.	1.9	6
172	Minimum Orbital Periods of H-rich Bodies. Astrophysical Journal, 2021, 913, 118.	1.6	6
173	Revisiting the HD 21749 planetary system with stellar activity modelling. Monthly Notices of the Royal Astronomical Society, 2021, 501, 6042-6061.	1.6	6
174	First Doppler Limits on Binary Planets and Exomoons in the HR 8799 System. Astrophysical Journal Letters, 2021, 922, L2.	3.0	6
175	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
176	Mysterious Dust-emitting Object Orbiting TIC 400799224. Astronomical Journal, 2021, 162, 299.	1.9	6
177	Gemini/GMOS Transmission Spectroscopy of the Grazing Planet Candidate WD 1856+534 b. Astronomical Journal, 2021, 162, 296.	1.9	6
178	The TESS Mission Target Selection Procedure. Publications of the Astronomical Society of the Pacific, 2021, 133, 095002.	1.0	5
179	Eclipsing Binaries in the Open Cluster Ruprecht 147. IV: The Active Triple System EPIC 219511354. Astrophysical Journal, 2021, 921, 133.	1.6	5
180	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. Astronomical Journal, 2022, 163, 9.	1.9	5

#	ARTICLE	IF	CITATIONS
181	The Electrical Specific Action to Melt of Structural Copper and Aluminum Alloys. IEEE Transactions on Plasma Science, 2014, 42, 3167-3172.	0.6	4
182	A Hot Saturn Near (but Unassociated with) the Open Cluster NGC 1817. Astronomical Journal, 2019, 158, 62.	1.9	4
183	Characterization of Low-mass K2 Planet Hosts Using Near-infrared Spectroscopy. Astronomical Journal, 2019, 158, 135.	1.9	4
184	Measurements of Electrical Specific Action to Melt for Brass and Aluminum Alloys. IEEE Transactions on Plasma Science, 2013, 41, 2427-2433.	0.6	3
185	K2-79b and K2-222b: Mass Measurements of Two Small Exoplanets with Periods beyond 10 days that Overlap with Periodic Magnetic Activity Signals. Astronomical Journal, 2022, 163, 41.	1.9	3
186	A Stringent Test of Magnetic Models of Stellar Evolution. Galaxies, 2022, 10, 3.	1.1	3
187	HD 219134 Revisited: Planet d Transit Upper Limit and Planet f Transit Nondetection with ASTERIA and TESS. Astronomical Journal, 2021, 161, 117.	1.9	2
188	Enhanced spectral resolution via externally dispersed interferometry. Proceedings of SPIE, 2012, , .	0.8	1
189	Transiting Disintegrating Planetary Debris Around WD 1145+017. , 2017, , 1-24.		0
190	Measuring Precision Wideband Stellar Spectra using a Dispersed Interferometer. , 2013, , .		0