

Andrew Vanderburg

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1075113/andrew-vanderburg-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

182
papers

6,253
citations

46
h-index

71
g-index

194
ext. papers

7,997
ext. citations

6.3
avg, IF

5.93
L-index

#	Paper	IF	Citations
182	A Technique for Extracting Highly Precise Photometry for the Two-Wheeled Kepler Mission. <i>Publications of the Astronomical Society of the Pacific</i> , 2014 , 126, 948-958	5	402
181	A disintegrating minor planet transiting a white dwarf. <i>Nature</i> , 2015 , 526, 546-9	50.4	301
180	EXTRACTING RADIAL VELOCITIES OF A- AND B-TYPE STARS FROM ECHELLE SPECTROGRAPH CALIBRATION SPECTRA. <i>Astrophysical Journal, Supplement Series</i> , 2015 , 217, 29	8	199
179	WASP-47: A HOT JUPITER SYSTEM WITH TWO ADDITIONAL PLANETS DISCOVERED BY K2. <i>Astrophysical Journal Letters</i> , 2015 , 812, L18	7.9	178
178	PLANETARY CANDIDATES FROM THE FIRST YEAR OF THE K2 MISSION. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 14	8	165
177	Identifying Exoplanets with Deep Learning: A Five-planet Resonant Chain around Kepler-80 and an Eighth Planet around Kepler-90. <i>Astronomical Journal</i> , 2018 , 155, 94	4.9	155
176	Growth model interpretation of planet size distribution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9723-9728	11.5	154
175	ZODIACAL EXOPLANETS IN TIME (ZEIT). III. A SHORT-PERIOD PLANET ORBITING A PRE-MAIN-SEQUENCE STAR IN THE UPPER SCORPIUS OB ASSOCIATION. <i>Astronomical Journal</i> , 2016 , 152, 61	4.9	126
174	TESS DISCOVERY OF A TRANSITING SUPER-EARTH IN THE MENSAE SYSTEM. <i>Astrophysical Journal Letters</i> , 2018 , 868,	7.9	125
173	ZODIACAL EXOPLANETS IN TIME (ZEIT). I. A NEPTUNE-SIZED PLANET ORBITING AN M4.5 DWARF IN THE HYADES STAR CLUSTER. <i>Astrophysical Journal</i> , 2016 , 818, 46	4.7	121
172	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0-10. <i>Astronomical Journal</i> , 2018 , 155, 136	4.9	108
171	ZODIACAL EXOPLANETS IN TIME (ZEIT). IV. SEVEN TRANSITING PLANETS IN THE PRAESEPE CLUSTER. <i>Astronomical Journal</i> , 2017 , 153, 64	4.9	107
170	Drifting asteroid fragments around WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 3904-3917	4.3	93
169	CHARACTERIZING K2 PLANET DISCOVERIES: A SUPER-EARTH TRANSITING THE BRIGHT K DWARF HIP 116454. <i>Astrophysical Journal</i> , 2015 , 800, 59	4.7	89
168	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019 , 871, L24	7.9	83
167	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1-7. <i>Astronomical Journal</i> , 2017 , 154, 207	4.9	78
166	KEPLER-445, KEPLER-446 AND THE OCCURRENCE OF COMPACT MULTIPLES ORBITING MID-M DWARF STARS. <i>Astrophysical Journal</i> , 2015 , 801, 18	4.7	76

165	Absence of a thick atmosphere on the terrestrial exoplanet LHS844b. <i>Nature</i> , 2019 , 573, 87-90	50.4	73
164	Three-Body Company: 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	4.9	72
163	KEPLER-21b: A ROCKY PLANET AROUND AV= 8.25 mag STAR. <i>Astronomical Journal</i> , 2016 , 152, 204	4.9	71
162	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	4.9	67
161	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	4.9	66
160	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	4.9	65
159	K2-97b: A (RE-?)INFLATED PLANET ORBITING A RED GIANT STAR. <i>Astronomical Journal</i> , 2016 , 152, 185	4.9	64
158	CHARACTERIZING THE COOL KOIs. VI. H - AND K -BAND SPECTRA OF KEPLER M DWARF PLANET-CANDIDATE HOSTS. <i>Astrophysical Journal, Supplement Series</i> , 2014 , 213, 5	8	62
157	Radial velocity planet detection biases at the stellar rotational period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3565-3573	4.3	62
156	TWO SMALL PLANETS TRANSITING HD 3167. <i>Astrophysical Journal Letters</i> , 2016 , 829, L9	7.9	61
155	Likely Transiting Exocomets Detected By. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 1453-1468	4.3	60
154	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020 , 582, 497-500	50.4	58
153	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanae Star Association. <i>Astrophysical Journal Letters</i> , 2019 , 880, L17	7.9	57
152	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. <i>Astronomical Journal</i> , 2017 , 154, 226	4.9	57
151	CHARACTERIZING THE COOL KOIs. V. KOI-256: A MUTUALLY ECLIPSING POST-COMMON ENVELOPE BINARY. <i>Astrophysical Journal</i> , 2013 , 767, 111	4.7	57
150	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	4.9	56
149	Zodiacal Exoplanets in Time (ZEIT). VIII. A Two-planet System in Praesepe from K2 Campaign 16. <i>Astronomical Journal</i> , 2018 , 156, 195	4.9	56
148	A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020 , 585, 363-367	50.4	55

147	Seeing Double with K2: Testing Re-inflation with Two Remarkably Similar Planets around Red Giant Branch Stars. <i>Astronomical Journal</i> , 2017 , 154, 254	4.9	54
146	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2018 , 155, 57	4.9	52
145	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , 2019 , 3, 1099-1108	12.1	52
144	FIVE PLANETS TRANSITING A NINTH MAGNITUDE STAR. <i>Astrophysical Journal Letters</i> , 2016 , 827, L10	7.9	51
143	TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune. <i>Astrophysical Journal Letters</i> , 2019 , 875, L7	7.9	50
142	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 254, 39	8	50
141	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019 , 881, L19	7.9	49
140	DOPPLER MONITORING OF FIVE K2 TRANSITING PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016 , 823, 115	4.7	49
139	THE KEPLER-454 SYSTEM: A SMALL, NOT-ROCKY INNER PLANET, A JOVIAN WORLD, AND A DISTANT COMPANION. <i>Astrophysical Journal</i> , 2016 , 816, 95	4.7	48
138	Multiwavelength Transit Observations of the Candidate Disintegrating Planetesimals Orbiting WD 1145+017. <i>Astrophysical Journal</i> , 2017 , 836, 82	4.7	47
137	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	4.9	46
136	Precise Masses in the WASP-47 System. <i>Astronomical Journal</i> , 2017 , 154, 237	4.9	46
135	THE K2M67 STUDY: REVISITING OLD FRIENDS WITH K2 REVEALS OSCILLATING RED GIANTS IN THE OPEN CLUSTER M67. <i>Astrophysical Journal</i> , 2016 , 832, 133	4.7	45
134	Zodiacal exoplanets in time (ZEIT) II. A Super-Earth orbiting a young K dwarf in the Pleiades Neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 850-862	4.3	43
133	THE K2-ESPRINT PROJECT. V. A SHORT-PERIOD GIANT PLANET ORBITING A SUBGIANT STAR. <i>Astronomical Journal</i> , 2016 , 152, 143	4.9	43
132	A Multi-planet System Transiting the $V=9$ Rapidly Rotating F-Star HD 106315. <i>Astronomical Journal</i> , 2017 , 153, 256	4.9	42
131	DOPPLER MONITORING OF THE WASP-47 MULTIPLANET SYSTEM. <i>Astrophysical Journal Letters</i> , 2015 , 813, L9	7.9	42
130	K2-231 b: A Sub-Neptune Exoplanet Transiting a Solar Twin in Ruprecht 147. <i>Astronomical Journal</i> , 2018 , 155, 173	4.9	41

129	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	4.7	40
128	Three Statistically Validated K2 Transiting Warm Jupiter Exoplanets Confirmed as Low-mass Stars. <i>Astrophysical Journal Letters</i> , 2017 , 847, L18	7.9	39
127	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. <i>Astronomical Journal</i> , 2019 , 157, 191	4.9	37
126	The Young Substellar Companion ROXs 12 B: Near-infrared Spectrum, System Architecture, and Spin-Orbit Misalignment. <i>Astronomical Journal</i> , 2017 , 154, 165	4.9	36
125	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	4.3	36
124	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	5	35
123	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	7.9	35
122	Photometry of 10 Million Stars from the First Two Years of TESS Full Frame Images: Part I. <i>Research Notes of the AAS</i> , 2020 , 4, 204	0.8	35
121	A System of Three Super Earths Transiting the Late K-Dwarf GJ 9827 at 30 pc. <i>Astronomical Journal</i> , 2018 , 155, 72	4.9	34
120	A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system. <i>Nature Astronomy</i> , 2019 , 3, 416-423	12.1	34
119	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	4.9	32
118	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. <i>Astronomical Journal</i> , 2020 , 160, 179	4.9	32
117	The First Post-Kepler Brightness Dips of KIC 8462852. <i>Astrophysical Journal Letters</i> , 2018 , 853, L8	7.9	31
116	CHARACTERIZING THE COOL KOIs. VIII. PARAMETERS OF THE PLANETS ORBITING KEPLER 6 COOLEST DWARFS. <i>Astrophysical Journal, Supplement Series</i> , 2015 , 218, 26	8	30
115	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	4.3	30
114	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020 , 160, 116	4.9	30
113	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	4.3	29
112	K2-114b and K2-115b: Two Transiting Warm Jupiters. <i>Astronomical Journal</i> , 2017 , 154, 188	4.9	28

111	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	0.8	28
110	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	4.9	27
109	Planet Hunters TESS I: TOI 813, a subgiant hosting a transiting Saturn-sized planet on an 84-day orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 750-763	4.3	27
108	Exterior Companions to Hot Jupiters Orbiting Cool Stars Are Coplanar. <i>Astronomical Journal</i> , 2017 , 154, 230	4.9	27
107	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019 , 158, 177	4.9	27
106	A Well-aligned Orbit for the 45 Myr-old Transiting Neptune DS Tuc Ab. <i>Astrophysical Journal Letters</i> , 2020 , 892, L21	7.9	26
105	A Compact Multi-planet System with a Significantly Misaligned Ultra Short Period Planet. <i>Astronomical Journal</i> , 2018 , 156, 245	4.9	26
104	When Do Stalled Stars Resume Spinning Down? Advancing Gyrochronology with Ruprecht 147. <i>Astrophysical Journal</i> , 2020 , 904, 140	4.7	25
103	Identifying Exoplanets with Deep Learning. III. Automated Triage and Vetting of TESS Candidates. <i>Astronomical Journal</i> , 2019 , 158, 25	4.9	24
102	HD 2685 b: a hot Jupiter orbiting an early F-type star detected by TESS. <i>Astronomy and Astrophysics</i> , 2019 , 625, A16	5.1	24
101	Zodiacal Exoplanets in Time (ZEIT). VII. A Temperate Candidate Super-Earth in the Hyades Cluster. <i>Astronomical Journal</i> , 2018 , 156, 46	4.9	24
100	Tidally trapped pulsations in a close binary star system discovered by TESS. <i>Nature Astronomy</i> , 2020 , 4, 684-689	12.1	22
99	THE K2 M67 STUDY: AN EVOLVED BLUE STRAGGLER IN M67 FROM K2 MISSION ASTEROSEISMOLOGY. <i>Astrophysical Journal Letters</i> , 2016 , 832, L13	7.9	21
98	Photodynamical analysis of the triply eclipsing hierarchical triple system EPIC 249432662. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 1934-1951	4.3	21
97	HATS-36b and 24 Other Transiting/Eclipsing Systems from the HATSouth-K2 Campaign 7 Program. <i>Astronomical Journal</i> , 2018 , 155, 119	4.9	21
96	The single-sided pulsator CO Camelopardalis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 5118-5133	4.3	20
95	WD 1202-024: the shortest-period pre-cataclysmic variable. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 948-961	4.3	19
94	Eclipsing Binaries in the Open Cluster Ruprecht 147. I. EPIC 219394517. <i>Astrophysical Journal</i> , 2018 , 866, 67	4.7	19

93	The Mysterious Dimmings of the T Tauri Star V1334 Tau. <i>Astrophysical Journal</i> , 2017 , 836, 209	4.7	18
92	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020 , 892, L7	7.9	18
91	New Substellar Discoveries from Kepler and K2: Is There a Brown Dwarf Desert?. <i>Astronomical Journal</i> , 2019 , 158, 38	4.9	18
90	Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS. <i>Astronomical Journal</i> , 2021 , 161, 2	4.9	18
89	GJ 1252 b: A 1.2 R _J Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020 , 890, L7	7.9	18
88	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 3704-3722	4.3	17
87	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021 , 161, 162	4.9	17
86	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5399-5412	4.3	16
85	The TESS K2 Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras. <i>Astronomical Journal</i> , 2020 , 159, 241	4.9	16
84	An Accurate Mass Determination for Kepler-1655b, a Moderately Irradiated World with a Significant Volatile Envelope. <i>Astronomical Journal</i> , 2018 , 155, 203	4.9	15
83	Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au. <i>Astronomical Journal</i> , 2019 , 158, 181	4.9	15
82	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020 , 160, 117	4.9	15
81	Orbital Parameter Determination for Wide Stellar Binary Systems in the Age of Gaia. <i>Astrophysical Journal</i> , 2020 , 894, 115	4.7	15
80	Detecting Exomoons via Doppler Monitoring of Directly Imaged Exoplanets. <i>Astronomical Journal</i> , 2018 , 156, 184	4.9	15
79	TOI-132 b: A short-period planet in the Neptune desert transiting a V _{eff} 11.3 G-type star?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 973-985	4.3	14
78	The Warm Neptunes around HD 106315 Have Low Stellar Obliquities. <i>Astronomical Journal</i> , 2018 , 156, 93	4.9	14
77	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	4.3	14
76	Characterizing Candidate Planetary Systems Orbiting Low-Mass Stars IV: Updated Properties for 86 Cool Dwarfs Observed During Campaigns 1-17.. <i>Astronomical Journal</i> , 2019 , 158,	4.9	14

75	Blue Lurkers: Hidden Blue Stragglers on the M67 Main Sequence Identified from Their Kepler/K2 Rotation Periods. <i>Astrophysical Journal</i> , 2019 , 881, 47	4-7	14
74	TWO STARS TWO WAYS: CONFIRMING A MICROLENSING BINARY LENS SOLUTION WITH A SPECTROSCOPIC MEASUREMENT OF THE ORBIT. <i>Astrophysical Journal</i> , 2016 , 821, 121	4-7	14
73	A Discrete Set of Possible Transit Ephemerides for Two Long-period Gas Giants Orbiting HIP 41378. <i>Astronomical Journal</i> , 2019 , 157, 19	4-9	14
72	Discovery of a Transiting Adolescent Sub-Neptune Exoplanet with K2. <i>Astronomical Journal</i> , 2018 , 156, 302	4-9	14
71	Know thy star, know thy planet: chemo-kinematically characterizing TESS targets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 4365-4381	4-3	13
70	TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. <i>Astronomical Journal</i> , 2021 , 161, 97	4-9	13
69	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , 2020 , 160, 153	4-9	12
68	K2-291b: A Rocky Super-Earth in a 2.2 day Orbit. <i>Astronomical Journal</i> , 2019 , 157, 116	4-9	11
67	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	7-9	11
66	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the PiscesEridanus Stream. <i>Astronomical Journal</i> , 2021 , 161, 65	4-9	11
65	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	4-3	10
64	Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , 2020 , 639, A76	5-1	10
63	TESS Hunt for Young and Maturing Exoplanets (THYME). V. A Sub-Neptune Transiting a Young Star in a Newly Discovered 250 Myr Association. <i>Astronomical Journal</i> , 2021 , 161, 171	4-9	10
62	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	4-7	10
61	The First Habitable-zone Earth-sized Planet from TESS. III. Climate States and Characterization Prospects for TOI-700 d. <i>Astronomical Journal</i> , 2020 , 160, 118	4-9	9
60	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	4-9	9
59	The Origin of Systems of Tightly Packed Inner Planets with Misaligned, Ultra-short-period Companions. <i>Astronomical Journal</i> , 2020 , 160, 254	4-9	9
58	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* □ <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 33	8	9

57	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020 , 159, 243	4.9	8
56	A Habitable-zone Earth-sized Planet Rescued from False Positive Status. <i>Astrophysical Journal Letters</i> , 2020 , 893, L27	7.9	8
55	Shallow Ultraviolet Transits of WD 1145+017. <i>Astronomical Journal</i> , 2019 , 157, 255	4.9	8
54	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020 , 160, 129	4.9	8
53	Asteroseismology of the Multiplanet System K2-93. <i>Astronomical Journal</i> , 2019 , 158, 248	4.9	7
52	Eclipsing Binaries in the Open Cluster Ruprecht 147. II. Epic 219568666. <i>Astrophysical Journal</i> , 2019 , 887, 109	4.7	7
51	Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14. <i>Astronomical Journal</i> , 2018 , 156, 127	4.9	7
50	TheK2M67 Study: A Curiously Young Star in an Eclipsing Binary in an Old Open Cluster. <i>Astronomical Journal</i> , 2018 , 155, 152	4.9	7
49	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	4.7	6
48	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	4.9	6
47	Giant Outer Transiting Exoplanet Mass (GOT 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	4.9	6
46	Transiting Disintegrating Planetary Debris Around WD 1145+017 2018 , 2603-2626		6
45	Recurring Planetary Debris Transits and Circumstellar Gas around White Dwarf ZTF J03280219. <i>Astrophysical Journal</i> , 2021 , 917, 41	4.7	6
44	Occultations from an Active Accretion Disk in a 72-day Detached Post-Algol System Detected byK2. <i>Astrophysical Journal</i> , 2018 , 854, 109	4.7	5
43	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	4.3	5
42	TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 106. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 16	8	5
41	HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , 2020 , 160, 113	4.9	5
40	Revisiting the HD 21749 planetary system with stellar activity modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 6042-6061	4.3	5

39	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021 , 161, 194	4.9	5
38	True Masses of the Long-period Companions to HD 92987 and HD 221420 from Hipparcos Gaia Astrometry. <i>Astronomical Journal</i> , 2021 , 162, 12	4.9	4
37	EPIC 246851721 b: A Tropical Jupiter Transiting a Rapidly Rotating Star in a Well-aligned Orbit. <i>Astronomical Journal</i> , 2018 , 156, 250	4.9	4
36	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. <i>Astronomical Journal</i> , 2021 , 162, 54	4.9	4
35	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021 , 162, 161	4.9	4
34	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. <i>Astronomical Journal</i> , 2021 , 161, 85	4.9	4
33	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	4.9	4
32	Variability in the Massive Open Cluster NGC 1817 from : A Rich Population of Asteroseismic Red Clump, Eclipsing Binary, and Main-sequence Pulsating Stars. <i>Astronomical Journal</i> , 2020 , 159,	4.9	3
31	The Electrical Specific Action to Melt of Structural Copper and Aluminum Alloys. <i>IEEE Transactions on Plasma Science</i> , 2014 , 42, 3167-3172	1.3	3
30	Characterization of Low-mass K2 Planet Hosts Using Near-infrared Spectroscopy. <i>Astronomical Journal</i> , 2019 , 158, 135	4.9	3
29	A Decade of Radial-velocity Monitoring of Vega and New Limits on the Presence of Planets. <i>Astronomical Journal</i> , 2021 , 161, 157	4.9	3
28	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021 , 161, 82	4.9	3
27	TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. <i>Astronomical Journal</i> , 2022 , 163, 53	4.9	2
26	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	4.9	2
25	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	4.9	2
24	The Obliquity of HIP 67522 b: A 17 Myr Old Transiting Hot, Jupiter-sized Planet. <i>Astrophysical Journal Letters</i> , 2021 , 922, L1	7.9	2
23	Eclipsing Binaries in the Open Cluster Ruprecht 147. IV: The Active Triple System EPIC 219511354. <i>Astrophysical Journal</i> , 2021 , 921, 133	4.7	2
22	Minimum Orbital Periods of H-rich Bodies. <i>Astrophysical Journal</i> , 2021 , 913, 118	4.7	2

21	The K2 M67 Study: Precise Mass for a Turnoff Star in the Old Open Cluster M67. <i>Astronomical Journal</i> , 2021 , 161, 59	4.9	2
20	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C108 and C1018. <i>Astrophysical Journal</i> , 2022 , 926, 191	4.7	2
19	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022 , 163, 168	4.9	2
18	Gemini/GMOS Transmission Spectroscopy of the Grazing Planet Candidate WD 1856+534 b. <i>Astronomical Journal</i> , 2021 , 162, 296	4.9	2
17	Ninety-seven Eclipsing Quadruple Star Candidates Discovered in TESS Full-frame Images. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 259, 66	8	2
16	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022 , 163, 207	4.9	2
15	A Hot Saturn Near (but Unassociated with) the Open Cluster NGC 1817. <i>Astronomical Journal</i> , 2019 , 158, 62	4.9	1
14	Measurements of Electrical Specific Action to Melt for Brass and Aluminum Alloys. <i>IEEE Transactions on Plasma Science</i> , 2013 , 41, 2427-2433	1.3	1
13	K2-79b and K2-222b: Mass Measurements of Two Small Exoplanets with Periods beyond 10 days that Overlap with Periodic Magnetic Activity Signals. <i>Astronomical Journal</i> , 2022 , 163, 41	4.9	1
12	First Doppler Limits on Binary Planets and Exomoons in the HR 8799 System. <i>Astrophysical Journal Letters</i> , 2021 , 922, L2	7.9	1
11	TOI-1259Ab is a gas giant planet with 2.7 per cent deep transits and a bound white dwarf companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4132-4148	4.3	1
10	The TESS Mission Target Selection Procedure. <i>Publications of the Astronomical Society of the Pacific</i> , 2021 , 133, 095002	5	1
9	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	7.9	1
8	The TESS Faint-star Search: 1617 TOIs from the TESS Primary Mission. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 259, 33	8	1
7	Mysterious Dust-emitting Object Orbiting TIC 400799224. <i>Astronomical Journal</i> , 2021 , 162, 299	4.9	1
6	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. <i>Astronomical Journal</i> , 2022 , 163, 9	4.9	1
5	The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc. <i>Astronomical Journal</i> , 2022 , 163, 151	4.9	0
4	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. <i>Astronomical Journal</i> , 2022 , 163, 171	4.9	0

- 3 Reassessing the Evidence for Time Variability in the Atmosphere of the Exoplanet HAT-P-7 bf. *Astronomical Journal*, **2022**, 163, 181 4.9 ○
- 2 A Stringent Test of Magnetic Models of Stellar Evolution. *Galaxies*, **2022**, 10, 3 2 ○
- 1 Transiting Disintegrating Planetary Debris Around WD 1145+017 **2017**, 1-24