

Sara Seager

List of Publications by Year in descending order

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Version: 2024-02-01

271
papers

25,022
citations

14644

66
h-index

7944

149
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278
all docs

278
docs citations

278
times ranked

7715
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	A multi-planetary system orbiting the early-M dwarf TOI-1238. Astronomy and Astrophysics, 2022, 658, A138.	2.1	7
5	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1043-1071.	1.6	30
6	Validation of 13 Hot and Potentially Terrestrial TESS Planets. Astronomical Journal, 2022, 163, 99.	1.9	8
7	Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4551-4571.	1.6	17
8	TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. Astronomical Journal, 2022, 163, 53.	1.9	12
9	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
10	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of Î€ Men c. Astronomical Journal, 2022, 163, 79.	1.9	22
11	H ₂ -dominated Atmosphere as an Indicator of Second-generation Rocky White Dwarf Exoplanets. Astrophysical Journal Letters, 2022, 925, L10.	3.0	7
12	The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. Astronomical Journal, 2022, 163, 61.	1.9	19
13	Assessment of Ammonia as a Biosignature Gas in Exoplanet Atmospheres. Astrobiology, 2022, 22, 171-191.	1.5	15
14	TESS-Keck Survey. IX. Masses of Three Sub-Neptunes Orbiting HD 191939 and the Discovery of a Warm Jovian plus a Distant Substellar Companion. Astronomical Journal, 2022, 163, 101.	1.9	17
15	Constraints on the Production of Phosphine by Venusian Volcanoes. Universe, 2022, 8, 54.	0.9	7
16	TOI-1842b: A Transiting Warm Saturn Undergoing Re-inflation around an Evolving Subgiant. Astronomical Journal, 2022, 163, 82.	1.9	6
17	Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b. Astronomy and Astrophysics, 2022, 659, A17.	2.1	9
18	TESS Giants Transiting Giants. II. The Hottest Jupiters Orbiting Evolved Stars. Astronomical Journal, 2022, 163, 120.	1.9	20

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19	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. <i>Astronomical Journal</i> , 2022, 163, 133.	1.9	10
20	NEID Rossiterâ€“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
21	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.	1.9	6
22	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. <i>Astronomical Journal</i> , 2022, 163, 147.	1.9	28
23	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
24	TOI-1268b: The youngest hot Saturn-mass transiting exoplanet. <i>Astronomy and Astrophysics</i> , 2022, 662, A107.	2.1	4
25	The young HD 73583 (TOI-560) planetary system: two 10-MâŠ• mini-Neptunes transiting a 500-Myr-old, bright, and active K dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1606-1627.	1.6	25
26	Complex Modulation of Rapidly Rotating Young M Dwarfs: Adding Pieces to the Puzzle. <i>Astronomical Journal</i> , 2022, 163, 144.	1.9	12
27	Transit timings variations in the three-planet system: TOI-270. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5464-5485.	1.6	6
28	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. <i>Astronomical Journal</i> , 2022, 163, 9.	1.9	5
29	TOI-530b: a giant planet transiting an M-dwarf detected by <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 83-99.	1.6	23
30	TOI-1670 b and c: An Inner Sub-Neptune with an Outer Warm Jupiter Unlikely to Have Originated from High-eccentricity Migration. <i>Astronomical Journal</i> , 2022, 163, 225.	1.9	8
31	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022, 163, 207.	1.9	15
32	TOI-2046b, TOI-1181b, and TOI-1516b, three new hot Jupiters from <i>TESS</i>: planets orbiting a young star, a subgiant, and a normal star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5955-5972.	1.6	3
33	Organic Carbonyls Are Poor Biosignature Gases in Exoplanet Atmospheres but May Generate Significant CO. <i>Astrophysical Journal</i> , 2022, 930, 133.	1.6	4
34	Photochemical Runaway in Exoplanet Atmospheres: Implications for Biosignatures. <i>Astrophysical Journal</i> , 2022, 930, 131.	1.6	11
35	Can Carbon Fractionation Provide Evidence for Aerial Biospheres in the Atmospheres of Temperate Sub-Neptunes?. <i>Astrophysical Journal</i> , 2022, 930, 62.	1.6	3
36	A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system. <i>Nature Astronomy</i> , 2022, 6, 736-750.	4.2	9

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37	The TESS-Keck Survey: Science Goals and Target Selection. <i>Astronomical Journal</i> , 2022, 163, 297.	1.9	16
38	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. <i>Astronomical Journal</i> , 2022, 163, 289.	1.9	11
39	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI-1246. <i>Astronomical Journal</i> , 2022, 163, 293.	1.9	7
40	Low levels of sulphur dioxide contamination of Venusian phosphine spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2994-3001.	1.6	10
41	TESS discovery of a sub-Neptune orbiting a mid-M dwarf TOI-2136. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4120-4139.	1.6	13
42	TOI-1696: A Nearby M4 Dwarf with a 3 R _J Planet in the Neptunian Desert. <i>Astronomical Journal</i> , 2022, 163, 298.	1.9	6
43	The Discovery of a Planetary Companion Interior to Hot Jupiter WASP-132 b. <i>Astronomical Journal</i> , 2022, 164, 13.	1.9	10
44	TOI-2119: a transiting brown dwarf orbiting an active M-dwarf from NASA's TESS mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4944-4957.	1.6	6
45	Methanol: A Poor Biosignature Gas in Exoplanet Atmospheres. <i>Astrophysical Journal</i> , 2022, 933, 6.	1.6	3
46	Aerial Platform Design Options for a Life-Finding Mission at Venus. <i>Aerospace</i> , 2022, 9, 363.	1.1	9
47	Mission Architecture to Characterize Habitability of Venus Cloud Layers via an Aerial Platform. <i>Aerospace</i> , 2022, 9, 359.	1.1	13
48	The Venusian Lower Atmosphere Haze as a Depot for Desiccated Microbial Life: A Proposed Life Cycle for Persistence of the Venusian Aerial Biosphere. <i>Astrobiology</i> , 2021, 21, 1206-1223.	1.5	69
49	Phosphine gas in the cloud decks of Venus. <i>Nature Astronomy</i> , 2021, 5, 655-664.	4.2	174
50	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. <i>Astronomical Journal</i> , 2021, 161, 56.	1.9	30
51	Escaping Outflows from Disintegrating Exoplanets: Day-side versus Night-side Escape. <i>Astrophysical Journal</i> , 2021, 906, 67.	1.6	10
52	HD 219134 Revisited: Planet d Transit Upper Limit and Planet f Transit Nondetection with ASTERIA and TESS. <i>Astronomical Journal</i> , 2021, 161, 117.	1.9	2
53	A Data Resource for Sulfuric Acid Reactivity of Organic Chemicals. <i>Data</i> , 2021, 6, 24.	1.2	5
54	TESS Observations of the WASP-121 b Phase Curve. <i>Astronomical Journal</i> , 2021, 161, 131.	1.9	23

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55	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
56	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
57	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.	6.0	41
58	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
59	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	1.9	28
60	Assessment of Isoprene as a Possible Biosignature Gas in Exoplanets with Anoxic Atmospheres. <i>Astrobiology</i> , 2021, 21, 765-792.	1.5	16
61	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.	1.9	20
62	Evaluating Alternatives to Water as Solvents for Life: The Example of Sulfuric Acid. <i>Life</i> , 2021, 11, 400.	1.1	16
63	The need for a multi-purpose, opticalâ€NIR space facility after HST and JWST. <i>Experimental Astronomy</i> , 2021, 51, 765.	1.6	1
64	Planet Hunters TESS III: two transiting planets around the bright Gâdwarf HD 152843. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1827-1840.	1.6	5
65	Discovery of a young low-mass brown dwarf transiting a fast-rotating F-type star by the Galactic Plane eXoplanet (GPX) survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4956-4967.	1.6	5
66	Hot planets around cool stars â€two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4684-4701.	1.6	9
67	Transit Search for Exoplanets around Alpha Centauri A and B with ASTERIA. <i>Astronomical Journal</i> , 2021, 161, 275.	1.9	2
68	TOI-220â€%o<i>b</i>: a warm sub-Neptune discovered by<i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3361-3379.	1.6	6
69	Possibilities for an Aerial Biosphere in Temperate Sub Neptune-Sized Exoplanet Atmospheres. <i>Universe</i> , 2021, 7, 172.	0.9	13
70	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 6.	3.0	18
71	An ultra-short-period transiting super-Earth orbiting the M3 dwarf TOI-1685. <i>Astronomy and Astrophysics</i> , 2021, 650, A78.	2.1	27
72	TOI-269 b: an eccentric sub-Neptune transiting a M2 dwarf revisited with ExTrA. <i>Astronomy and Astrophysics</i> , 2021, 650, A145.	2.1	17

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73	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	3.0	190
74	TOI-1259Ab â€“ a gas giant planet with 2.7â€‰percent deep transits and a bound white dwarf companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4132-4148.	1.6	9
75	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
76	TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. <i>Astronomical Journal</i> , 2021, 162, 62.	1.9	15
77	Reply to: No evidence of phosphine in the atmosphere of Venus from independent analyses. <i>Nature Astronomy</i> , 2021, 5, 636-639.	4.2	24
78	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. <i>Astronomical Journal</i> , 2021, 162, 79.	1.9	25
79	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2782-2803.	1.6	19
80	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , 2021, 162, 87.	1.9	13
81	Visible-light Phase Curves from the Second Year of the TESS Primary Mission. <i>Astronomical Journal</i> , 2021, 162, 127.	1.9	40
82	HD 183579b: a warm sub-Neptune transiting a solar twin detected by <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2220-2240.	1.6	3
83	TOI-1296b and TOI-1298b observed with TESS and SOPHIE: two hot Saturn-mass exoplanets with different densities around metal-rich stars. <i>Astronomy and Astrophysics</i> , 2021, 653, A147.	2.1	6
84	The TESS Mission Target Selection Procedure. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 095002.	1.0	5
85	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. <i>Astronomy and Astrophysics</i> , 2021, 653, A60.	2.1	23
86	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. <i>Astronomical Journal</i> , 2021, 162, 167.	1.9	6
87	TESS and HARPS reveal two sub-Neptunes around TOI 1062. <i>Astronomy and Astrophysics</i> , 2021, 653, A105.	2.1	3
88	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021, 162, 161.	1.9	20
89	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. <i>Astronomy and Astrophysics</i> , 2021, 653, A97.	2.1	20
90	TOIâ€“1278 B: SPIRou Unveils a Rare Brown Dwarf Companion in Close-in Orbit around an M Dwarf. <i>Astronomical Journal</i> , 2021, 162, 144.	1.9	16

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91	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* $\hat{\epsilon}$. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 33.	3.0	19
92	TOI-1201 b: A mini-Neptune transiting a bright and moderately young M dwarf. <i>Astronomy and Astrophysics</i> , 2021, 656, A124.	2.1	22
93	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.	1.9	8
94	A planetary system with two transiting mini-Neptunes near the radius valley transition around the bright M dwarf TOI-776. <i>Astronomy and Astrophysics</i> , 2021, 645, A41.	2.1	33
95	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces $\hat{\epsilon}$ Eridanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65.	1.9	34
96	A hot mini-Neptune in the radius valley orbiting solar analogue HD $\hat{\epsilon}$ 110113. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4842-4857.	1.6	10
97	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
98	Science Extraction from TESS Observations of Known Exoplanet Hosts. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 014402.	1.0	19
99	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
100	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
101	TOI 540 b: A Planet Smaller than Earth Orbiting a Nearby Rapidly Rotating Low-mass Star. <i>Astronomical Journal</i> , 2021, 161, 23.	1.9	16
102	TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS. <i>Astronomical Journal</i> , 2021, 161, 13.	1.9	12
103	Vetting of 384 TESS Objects of Interest with TRICERATOPS and Statistical Validation of 12 Planet Candidates. <i>Astronomical Journal</i> , 2021, 161, 24.	1.9	64
104	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021, 162, 215.	1.9	12
105	TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere. <i>Astronomical Journal</i> , 2021, 162, 218.	1.9	18
106	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.	3.0	16
107	Unveiling Shrouded Oceans on Temperate sub-Neptunes via Transit Signatures of Solubility Equilibria versus Gas Thermochemistry. <i>Astrophysical Journal Letters</i> , 2021, 921, L8.	3.0	23
108	The TESS $\hat{\epsilon}$ Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166. <i>Astronomical Journal</i> , 2021, 162, 265.	1.9	7

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109	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234.	1.9	30
110	A Uniform Search for Nearby Planetary Companions to Hot Jupiters in TESS Data Reveals Hot Jupiters Are Still Lonely. <i>Astronomical Journal</i> , 2021, 162, 263.	1.9	15
111	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. <i>Astronomical Journal</i> , 2021, 162, 256.	1.9	21
112	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. <i>Science</i> , 2021, 374, 1271-1275.	6.0	30
113	Production of ammonia makes Venusian clouds habitable and explains observed cloud-level chemical anomalies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
114	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
115	TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. <i>Astronomical Journal</i> , 2021, 162, 292.	1.9	11
116	Gravity-darkening Analysis of the Misaligned Hot Jupiter MASCARA-4 b. <i>Astrophysical Journal</i> , 2020, 888, 63.	1.6	24
117	MuSCAT2 multicolour validation of TESS candidates: an ultra-short-period substellar object around an M dwarf. <i>Astronomy and Astrophysics</i> , 2020, 633, A28.	2.1	28
118	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1761-1769.	1.6	30
119	HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ($V=7.9$) star unveiled by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2982-2999.	1.6	38
120	Phosphine as a Biosignature Gas in Exoplanet Atmospheres. <i>Astrobiology</i> , 2020, 20, 235-268.	1.5	87
121	A super-Earth and a sub-Neptune orbiting the bright, quiet M3 dwarf TOI-1266. <i>Astronomy and Astrophysics</i> , 2020, 642, A49.	2.1	49
122	Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , 2020, 639, A76.	2.1	17
123	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. <i>Astronomy and Astrophysics</i> , 2020, 639, A132.	2.1	33
124	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 642, A173.	2.1	47
125	Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). <i>Astronomy and Astrophysics</i> , 2020, 642, A236.	2.1	27
126	An ultrahot Neptune in the Neptune desert. <i>Nature Astronomy</i> , 2020, 4, 1148-1157.	4.2	43

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127	A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020, 585, 363-367.	13.7	111
128	Laboratory studies on the viability of life in H ₂ -dominated exoplanet atmospheres. <i>Nature Astronomy</i> , 2020, 4, 802-806.	4.2	21
129	TOI-1338: TESS's First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020, 159, 253.	1.9	58
130	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020, 159, 243.	1.9	14
131	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	13.7	145
132	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 22.	1.9	33
133	TOI-677b: A Warm Jupiter (P = 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , 2020, 159, 145.	1.9	32
134	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020, 892, L7.	3.0	37
135	KELT-9's Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spin-Orbit Misalignment. <i>Astronomical Journal</i> , 2020, 160, 4.	1.9	37
136	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42.	13.7	73
137	Demonstrating High-precision Photometry with a CubeSat: ASTERIA Observations of 55 Cancri e. <i>Astronomical Journal</i> , 2020, 160, 23.	1.9	29
138	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. <i>Astronomical Journal</i> , 2020, 160, 3.	1.9	62
139	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	3.0	37
140	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star γ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389.	4.2	46
141	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
142	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , 2020, 159, 60.	1.9	184
143	LHS 1815b: The First Thick-disk Planet Detected by TESS. <i>Astronomical Journal</i> , 2020, 159, 160.	1.9	23
144	Optical phase curve of the ultra-hot Jupiter WASP-121b. <i>Astronomy and Astrophysics</i> , 2020, 637, A36.	2.1	50

#	ARTICLE	IF	CITATIONS
145	A hot terrestrial planet orbiting the bright M dwarf L 168-9 unveiled by TESS. <i>Astronomy and Astrophysics</i> , 2020, 636, A58.	2.1	35
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