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List of Publications by Year
in descending order

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82 papers	3,565 citations	136950 32 h-index	223800 46 g-index
83 all docs	83 docs citations	83 times ranked	2037 citing authors

#	Article	IF	Citations
1	Constraining tidal quality factor using spin period in eclipsing binaries. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3651-3661.	4.4	5
2	HATS-74Ab, HATS-75b, HATS-76b, and HATS-77b: Four Transiting Giant Planets Around K and M Dwarfs*. Astronomical Journal, 2022, 163, 125.	4.7	24
3	HAT-P-68b: A Transiting Hot Jupiter around a K5 Dwarf Star*. Astronomical Journal, 2021, 161, 64.	4.7	2
4	HAT-P-58bâ€“HAT-P-64b: Seven Planets Transiting Bright Stars*. Astronomical Journal, 2021, 162, 7.	4.7	5
5	On a Possible Solution to the Tidal Realignment Problem for Hot Jupiters. Astrophysical Journal, 2021, 914, 56.	4.5	14
6	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. Astronomical Journal, 2021, 161, 82.	4.7	8
7	HATS-71b: A Giant Planet Transiting an M3 Dwarf Star in TESS Sector 1. Astronomical Journal, 2020, 159, 267.	4.7	24
8	HATS-47b, HATS-48Ab, HATS-49b, and HATS-72b: Four Warm Giant Planets Transiting K Dwarfs*. Astronomical Journal, 2020, 159, 173.	4.7	8
9	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.	4.7	26
10	HATS-37Ab and HATS-38b: Two Transiting Hot Neptunes in the Desert*. Astronomical Journal, 2020, 160, 222.	4.7	6
11	KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones. Astronomical Journal, 2019, 158, 78.	4.7	8
12	Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS^{âˆ—}. Astronomical Journal, 2019, 158, 141.	4.7	83
13	HATS-54bâ€“HATS-58Ab: Five New Transiting Hot Jupiters Including One with a Possible Temperate Companion*. Astronomical Journal, 2019, 158, 63.	4.7	15
14	HATS-60bâ€“HATS-69b: 10 Transiting Planets from HATSouth*. Astronomical Journal, 2019, 157, 55.	4.7	27
15	HATS-70b: A 13 MJ Brown Dwarf Transiting an A Star*. Astronomical Journal, 2019, 157, 31.	4.7	35
16	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.	4.7	46
17	KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. Astrophysical Journal, Supplement Series, 2019, 240, 13.	7.7	9
18	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.	4.7	15

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19	HATS-43b, HATS-44b, HATS-45b, and HATS-46b: Four Short-period Transiting Giant Planets in the Neptuneâ€“Jupiter Mass Range*. Astronomical Journal, 2018, 155, 112.	4.7	35
20	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.	4.7	55
21	HATS-50b through HATS-53b: Four Transiting Hot Jupiters Orbiting G-type Stars Discovered by the HATSouth Survey*. Astronomical Journal, 2018, 155, 79.	4.7	30
22	Empirical Tidal Dissipation in Exoplanet Hosts From Tidal Spin-up. Astronomical Journal, 2018, 155, 165.	4.7	55
23	HATS-59b,c: A Transiting Hot Jupiter and a Cold Massive Giant Planet around a Sun-like Star*. Astronomical Journal, 2018, 156, 216.	4.7	5
24	Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14. Astronomical Journal, 2018, 156, 127.	4.7	13
25	HATS-36b and 24 Other Transiting/Eclipsing Systems from the HATSouth-K2 Campaign 7 Program. Astronomical Journal, 2018, 155, 119.	4.7	27
26	HATS-39b, HATS-40b, HATS-41b, and HATS-42b: three inflated hot Jupiters and a super-Jupiter transiting F stars. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3406-3423.	4.4	30
27	KELT-19Ab: A PÂâˆ¼Â4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. Astronomical Journal, 2018, 155, 35.	4.7	61
28	HAT-TR-318-007: A Double-lined M Dwarf Binary with Total Secondary Eclipses Discovered by HATNet and Observed by K2* ^{â€}. Astronomical Journal, 2018, 155, 114.	4.7	14
29	A New Model of Roche Lobe Overflow for Short-period Gaseous Planets and Binary Stars. Astrophysical Journal, 2017, 835, 145.	4.5	57
30	KELT-16b: A Highly Irradiated, Ultra-short Period Hot Jupiter Nearing Tidal Disruption. Astronomical Journal, 2017, 153, 97.	4.7	58
31	No Conclusive Evidence for Transits of Proxima b in MOST Photometry. Astronomical Journal, 2017, 153, 93.	4.7	34
32	KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the V = 8 Subgiant HD 93396. Astronomical Journal, 2017, 153, 215.	4.7	61
33	HATS-22b, HATS-23b and HATS-24b: three new transiting super-Jupiters from the HATSouth project. Monthly Notices of the Royal Astronomical Society, 2017, 468, 835-848.	4.4	33
34	KELT-12b: A PÂâˆ¼Â5 day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star. Astronomical Journal, 2017, 153, 178.	4.7	35
35	HAT-P-67b: An Extremely Low Density Saturn Transiting an F-subgiant Confirmed via Doppler Tomography^{â^—}. Astronomical Journal, 2017, 153, 211.	4.7	54
36	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.	4.7	87

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37	KELT-18b: Puffy Planet, Hot Host, Probably Perturbed. Astronomical Journal, 2017, 153, 263.	4.7	30
38	KELT-14b AND KELT-15b: AN INDEPENDENT DISCOVERY OF WASP-122b AND A NEW HOT JUPITER. Astronomical Journal, 2016, 151, 138.	4.7	42
39	HAT-P-65b AND HAT-P-66b: TWO TRANSITING INFLATED HOT JUPITERS AND OBSERVATIONAL EVIDENCE FOR THE REINFLATION OF CLOSE-IN GIANT PLANETS*. Astronomical Journal, 2016, 152, 182.	4.7	73
40	HATS-31B THROUGH HATS-35B: FIVE TRANSITING HOT JUPITERS DISCOVERED BY THE HATSOUTH SURVEY*. Astronomical Journal, 2016, 152, 161.	4.7	33
41	HATS-25B THROUGH HATS-30B: A HALFâ€“DOZEN NEW INFLATED TRANSITING HOT JUPITERS FROM THE HATSOUTH SURVEY*. Astronomical Journal, 2016, 152, 108.	4.7	49
42	HATS-11B AND HATS-12B: TWO TRANSITING HOT JUPITERS ORBITING SUBSOLAR METALLICITY STARS SELECTED FOR THE K2 CAMPAIGN 7*. Astronomical Journal, 2016, 152, 88.	4.7	32
43	Tidal decay and stable Roche-lobe overflow of short-period gaseous exoplanets. Celestial Mechanics and Dynamical Astronomy, 2016, 126, 227-248.	1.4	57
44	HATS-18B: AN EXTREME SHORT-PERIOD MASSIVE TRANSITING PLANET SPINNING UP ITS STAR^{â^—}. Astronomical Journal, 2016, 152, 127.	4.7	54
45	HATS-17b: A TRANSITING COMPACT WARM JUPITER IN A 16.3 DAY CIRCULAR ORBIT*. Astronomical Journal, 2016, 151, 89.	4.7	57
46	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.	4.4	38
47	KELT-4Ab: AN INFLATED HOT JUPITER TRANSITING THE BRIGHT (Vâ^¼ 10) COMPONENT OF A HIERARCHICAL TRIPLE. Astronomical Journal, 2016, 151, 45.	4.7	46
48	HAT-P-50b, HAT-P-51b, HAT-P-52b, AND HAT-P-53b: THREE TRANSITING HOT JUPITERS AND A TRANSITING HOT SATURN FROM THE HATNET SURVEY. Astronomical Journal, 2015, 150, 168.	4.7	44
49	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.	4.5	53
50	HATS-7b: A HOT SUPER NEPTUNE TRANSITING A QUIET K DWARF STAR. Astrophysical Journal, 2015, 813, 111.	4.5	48
51	HAT-P-57b: A SHORT-PERIOD GIANT PLANET TRANSITING A BRIGHT RAPIDLY ROTATING A8V STAR CONFIRMED VIA DOPPLER TOMOGRAPHY. Astronomical Journal, 2015, 150, 197.	4.7	64
52	A 0.24+0.18â€‰MâŠ™ double-lined eclipsing binary from the HATSouth survey. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2263-2277.	4.4	29
53	High-precision photometry forK2Campaign 1. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4159-4171.	4.4	52
54	HAT-P-56b: AN INFLATED MASSIVE HOT JUPITER TRANSITING A BRIGHT F STAR FOLLOWED UP WITHK2CAMPAIGN 0 OBSERVATIONS. Astronomical Journal, 2015, 150, 85.	4.7	43

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55	HAT-P-55b: A Hot Jupiter Transiting a Sun-Like Star¹. Publications of the Astronomical Society of the Pacific, 2015, 127, 851-856.	3.1	29
56	HATS-8b: A LOW-DENSITY TRANSITING SUPER-NEPTUNE. Astronomical Journal, 2015, 150, 49.	4.7	47
57	HATS-6b: A WARM SATURN TRANSITING AN EARLY M DWARF STAR, AND A SET OF EMPIRICAL RELATIONS FOR CHARACTERIZING K AND M DWARF PLANET HOSTS. Astronomical Journal, 2015, 149, 166.	4.7	106
58	HATS9-b AND HATS10-b: TWO COMPACT HOT JUPITERS IN FIELD 7 OF THE K2 MISSION. Astronomical Journal, 2015, 150, 33.	4.7	52
59	HAT-P-54b: A HOT JUPITER TRANSITING A 0.64M_{âŠ™}STAR IN FIELD 0 OF THE K2 MISSION. Astronomical Journal, 2015, 149, 149.	4.7	41
60	HATS-4b: A DENSE HOT JUPITER TRANSITING A SUPER METAL-RICH G STAR. Astronomical Journal, 2014, 148, 29.	4.7	84
61	HATS-5b: A TRANSITING HOT SATURN FROM THE HATSouth SURVEY. Astronomical Journal, 2014, 147, 144.	4.7	43
62	STARS GET DIZZY AFTER LUNCH. Astrophysical Journal, 2014, 787, 131.	4.5	26
63	HAT-P-44b, HAT-P-45b, AND HAT-P-46b: THREE TRANSITING HOT JUPITERS IN POSSIBLE MULTI-PLANET SYSTEMS. Astronomical Journal, 2014, 147, 128.	4.7	48
64	KELT-6b: APâˆ¼ 7.9 DAY HOT SATURN TRANSITING A METAL-POOR STAR WITH A LONG-PERIOD COMPANION. Astronomical Journal, 2014, 147, 39.	4.7	54
65	HAT-P-49b: A 1.7M_JPLANET TRANSITING A BRIGHT 1.5M_{â˜‰}F-STAR. Astronomical Journal, 2014, 147, 84.	4.7	43
66	Stellar rotational periods in the planet hosting open cluster Praesepe. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2081-2093.	4.4	30
67	POET: A Model for Planetary Orbital Evolution Due to Tides on Evolving Stars. Publications of the Astronomical Society of the Pacific, 2014, 126, 553-564.	3.1	34
68	HATSouth: A Global Network of Fully Automated Identical Wide-Field Telescopes1. Publications of the Astronomical Society of the Pacific, 2013, 125, 154-182.	3.1	185
69	The massâ€“radius relationship for very low mass stars: four new discoveries from the HATSouth Surveyâ˜…. Monthly Notices of the Royal Astronomical Society, 2013, 437, 2831-2844.	4.4	48
70	KELT-3b: A HOT JUPITER TRANSITING AV= 9.8 LATE-F STAR. Astrophysical Journal, 2013, 773, 64.	4.5	58
71	HATS-3b: AN INFLATED HOT JUPITER TRANSITING AN F-TYPE STAR. Astronomical Journal, 2013, 146, 113.	4.7	75
72	HAT-P-38b: A Saturn-Mass Planet Transiting a Late G Star. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	48

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73	HAT-P-34b-HAT-P-37b: FOUR TRANSITING PLANETS MORE MASSIVE THAN JUPITER ORBITING MODERATELY BRIGHT STARS. Astronomical Journal, 2012, 144, 19.	4.7	81
74	HAT-P-39bâ€“HAT-P-41b: THREE HIGHLY INFLATED TRANSITING HOT JUPITERS. Astronomical Journal, 2012, 144, 139.	4.7	103
75	CONSTRAINING TIDAL DISSIPATION IN STARS FROM THE DESTRUCTION RATES OF EXOPLANETS. Astrophysical Journal, 2012, 751, 96.	4.5	94
76	TIDAL EVOLUTION OF CLOSE-IN EXTRASOLAR PLANETS: HIGH STELLARQFROM NEW THEORETICAL MODELS. Astrophysical Journal, 2011, 731, 67.	4.5	70
77	THREE-DIMENSIONAL SPECTRAL SIMULATIONS OF ANELASTIC TURBULENT CONVECTION. Astrophysical Journal, 2011, 734, 118.	4.5	9
78	DISSIPATION EFFICIENCY IN TURBULENT CONVECTIVE ZONES IN LOW-MASS STARS. Astrophysical Journal, 2009, 704, 930-936.	4.5	46
79	DIRECT CALCULATION OF THE TURBULENT DISSIPATION EFFICIENCY IN ANELASTIC CONVECTION. Astrophysical Journal, 2009, 705, 285-297.	4.5	55
80	On Dissipation inside Turbulent Convection Zones from Threeâ€dimensional Simulations of Solar Convection. Astrophysical Journal, 2007, 655, 1166-1171.	4.5	80
81	Long-Term Solar Variability and the Solar Cycle in the 21st Century. Astrophysical Journal, 2004, 605, L81-L84.	4.5	27
82	The Solar Activity during the Holocene: Amplitude Variations of the Quasy-century and Quasi-two-century Solar Cycles. Proceedings of the International Astronomical Union, 2004, 2004, 705-706.	0.0	1