

# Thiam-Guan Tan

## List of Publications by Year in descending order

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97  
papers

3,957  
citations

136950

32  
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168389

53  
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97  
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97  
docs citations

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times ranked

2953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	4.7	8
2	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.	4.7	6
3	Transit timings variations in the three-planet system: TOI-270. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5464-5485.	4.4	6
4	Two Massive Jupiters in Eccentric Orbits from the TESS Full-frame Images. <i>Astronomical Journal</i> , 2022, 163, 9.	4.7	5
5	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022, 163, 207.	4.7	15
6	Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.	4.7	10
7	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.	4.7	30
8	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	4.7	22
9	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.	12.6	41
10	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	4.7	28
11	A transit timing variation observed for the long-period extremely low-density exoplanet HIP 41378. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 504, L45-L50.	3.3	15
12	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.	7.7	18
13	The SPHERE infrared survey for exoplanets (SHINE). <i>Astronomy and Astrophysics</i> , 2021, 651, A70.	5.1	39
14	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.	4.4	19
15	Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit. <i>Astronomy and Astrophysics</i> , 2021, 652, A127.	5.1	18
16	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results*. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 33.	7.7	19
17	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.	4.7	8
18	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.	5.1	33

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19	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Piscesâ€”Eridanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65.	4.7	34
20	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.	4.4	33
21	Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS. <i>Astronomical Journal</i> , 2021, 161, 2.	4.7	42
22	Vetting of 384 TESS Objects of Interest with TRICERATOPS and Statistical Validation of 12 Planet Candidates. <i>Astronomical Journal</i> , 2021, 161, 24.	4.7	64
23	Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , 2020, 639, A76.	5.1	17
24	The compact triply eclipsing triple star TIC 209409435 discovered with <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4624-4636.	4.4	23
25	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020, 892, L7.	8.3	37
26	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42.	27.8	73
27	The highly inflated giant planet WASP-174b. <i>Astronomy and Astrophysics</i> , 2020, 633, A30.	5.1	2
28	TOI-132â€”b: A short-period planet in the Neptune desert transiting a <i>V</i>= 11.3â€”type starâ€”.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 973-985.	4.4	19
29	OGLE-2017-BLG-0406: Spitzer Microlens Parallax Reveals Saturn-mass Planet Orbiting M-dwarf Host in the Inner Galactic Disk. <i>Astronomical Journal</i> , 2020, 160, 74.	4.7	14
30	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. <i>Astronomical Journal</i> , 2020, 160, 111.	4.7	26
31	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , 2020, 160, 229.	4.7	11
32	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , 2020, 160, 153.	4.7	27
33	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , 2020, 160, 235.	4.7	23
34	GJ 1252 b: A 1.2 R <sub>J</sub> Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020, 890, L7.	8.3	31
35	HATS-37Ab and HATS-38b: Two Transiting Hot Neptunes in the Desert*. <i>Astronomical Journal</i> , 2020, 160, 222.	4.7	6
36	A KELTâ€”TESS Eclipsing Binary in a Young Triple System Associated with the Local â€”Stellar Stringâ€”Theia 301. <i>Astronomical Journal</i> , 2020, 160, 187.	4.7	2

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37	KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones. <i>Astronomical Journal</i> , 2019, 158, 78.	4.7	8
38	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , 2019, 3, 1099-1108.	10.1	84
39	Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS <sup>+</sup> . <i>Astronomical Journal</i> , 2019, 158, 141.	4.7	83
40	HATS-54b–HATS-58Ab: Five New Transiting Hot Jupiters Including One with a Possible Temperate Companion*. <i>Astronomical Journal</i> , 2019, 158, 63.	4.7	15
41	HATS-60b–HATS-69b: 10 Transiting Planets from HATSouth*. <i>Astronomical Journal</i> , 2019, 157, 55.	4.7	27
42	Spitzer Microlensing Parallax for OGLE-2017-BLG-0896 Reveals a Counter-rotating Low-mass Brown Dwarf. <i>Astronomical Journal</i> , 2019, 157, 106.	4.7	20
43	The PDS%110 observing campaign – photometric and spectroscopic observations reveal eclipses are aperiodic. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1614-1625.	4.4	7
44	KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 13.	7.7	9
45	KELT-24b: A 5M <sub>J</sub> Planet on a 5.6 day Well-aligned Orbit around the Young V&A=8.3 F-star HD 93148. <i>Astronomical Journal</i> , 2019, 158, 197.	4.7	15
46	A Second Terrestrial Planet Orbiting the Nearby M Dwarf LHS 1140. <i>Astronomical Journal</i> , 2019, 157, 32.	4.7	83
47	Photodynamical analysis of the triply eclipsing hierarchical triple system EPIC%249432662. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1934-1951.	4.4	34
48	KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System. <i>Astronomical Journal</i> , 2018, 155, 100.	4.7	55
49	HATS-50b through HATS-53b: Four Transiting Hot Jupiters Orbiting G-type Stars Discovered by the HATSouth Survey*. <i>Astronomical Journal</i> , 2018, 155, 79.	4.7	30
50	Occultations from an Active Accretion Disk in a 72-day Detached Post-Algol System Detected by K2. <i>Astrophysical Journal</i> , 2018, 854, 109.	4.5	10
51	HATS-59b,c: A Transiting Hot Jupiter and a Cold Massive Giant Planet around a Sun-like Star*. <i>Astronomical Journal</i> , 2018, 156, 216.	4.7	5
52	The KELT Follow-up Network and Transit False-positive Catalog: Pre-vetted False Positives for TESS. <i>Astronomical Journal</i> , 2018, 156, 234.	4.7	46
53	HATS-36b and 24 Other Transiting/Eclipsing Systems from the HATSouth-K2 Campaign 7 Program. <i>Astronomical Journal</i> , 2018, 155, 119.	4.7	27
54	HATS-39b, HATS-40b, HATS-41b, and HATS-42b: three inflated hot Jupiters and a super-Jupiter transiting F stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3406-3423.	4.4	30

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55	A Planetary Microlensing Event with an Unusually Red Source Star: MOA-2011-BLG-291. <i>Astronomical Journal</i> , 2018, 156, 113.	4.7	15
56	KELT-19Ab: A 4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. <i>Astronomical Journal</i> , 2018, 155, 35.	4.7	61
57	A temperate rocky super-Earth transiting a nearby cool star. <i>Nature</i> , 2017, 544, 333-336.	27.8	275
58	KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the V = 8 Subgiant HD 93396. <i>Astronomical Journal</i> , 2017, 153, 215.	4.7	61
59	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. <i>Nature</i> , 2017, 546, 514-518.	27.8	205
60	KELT-12b: A 5 day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star. <i>Astronomical Journal</i> , 2017, 153, 178.	4.7	35
61	WASP-167b/KELT-13b: joint discovery of a hot Jupiter transiting a rapidly rotating F1V star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2743-2752.	4.4	63
62	KELT-18b: Puffy Planet, Hot Host, Probably Perturbed. <i>Astronomical Journal</i> , 2017, 153, 263.	4.7	30
63	The $\rho$ Pictoris association: Catalog of photometric rotational periods of low-mass members and candidate members. <i>Astronomy and Astrophysics</i> , 2017, 600, A83.	5.1	26
64	KELT-14b AND KELT-15b: AN INDEPENDENT DISCOVERY OF WASP-122b AND A NEW HOT JUPITER. <i>Astronomical Journal</i> , 2016, 151, 138.	4.7	42
65	HATS-31B THROUGH HATS-35B: FIVE TRANSITING HOT JUPITERS DISCOVERED BY THE HATSOUTH SURVEY*. <i>Astronomical Journal</i> , 2016, 152, 161.	4.7	33
66	Simultaneous infrared and optical observations of the transiting debris cloud around WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 4422-4432.	4.4	51
67	HATS-15b and HATS-16b: Two Massive Planets Transiting Old G Dwarf Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 074401.	3.1	26
68	HATS-25B THROUGH HATS-30B: A HALF-DOZEN NEW INFLATED TRANSITING HOT JUPITERS FROM THE HATSOUTH SURVEY*. <i>Astronomical Journal</i> , 2016, 152, 108.	4.7	49
69	HATS-11B AND HATS-12B: TWO TRANSITING HOT JUPITERS ORBITING SUBSOLAR METALLICITY STARS SELECTED FOR THE K2 CAMPAIGN 7*. <i>Astronomical Journal</i> , 2016, 152, 88.	4.7	32
70	KELT-17B: A HOT-JUPITER TRANSITING AN A-STAR IN A MISALIGNED ORBIT DETECTED WITH DOPPLER TOMOGRAPHY. <i>Astronomical Journal</i> , 2016, 152, 136.	4.7	76
71	THE SPITZER MICROLENSING PROGRAM AS A PROBE FOR GLOBULAR CLUSTER PLANETS: ANALYSIS OF OGLE-2015-BLG-0448. <i>Astrophysical Journal</i> , 2016, 823, 63.	4.5	39
72	THE FIRST SIMULTANEOUS MICROLENSING OBSERVATIONS BY TWO SPACE TELESCOPES: SPITZER AND SWIFT REVEAL A BROWN DWARF IN EVENT OGLE-2015-BLG-1319. <i>Astrophysical Journal</i> , 2016, 831, 183.	4.5	21

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73	HATS-17b: A TRANSITING COMPACT WARM JUPITER IN A 16.3 DAY CIRCULAR ORBIT*. <i>Astronomical Journal</i> , 2016, 151, 89.	4.7	57
74	KELT-10b: the first transiting exoplanet from the KELT-South survey â€“ a hot sub-Jupiter transiting a $V = 10.7$ early G-star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 4281-4298.	4.4	38
75	OGLE-2012-BLG-0563Lb: A SATURN-MASS PLANET AROUND AN M DWARF WITH THE MASS CONSTRAINED BY SUBARU AO IMAGING. <i>Astrophysical Journal</i> , 2015, 809, 74.	4.5	66
76	The refined physical properties of the transiting exoplanetary system WASP-41. <i>Astronomische Nachrichten</i> , 2015, 336, 145-152.	1.2	21
77	Link between the potentially hazardous Asteroid (86039) 1999 NC43 and the Chelyabinsk meteoroid tenuous. <i>Icarus</i> , 2015, 252, 129-143.	2.5	11
78	CAN THE MASSES OF ISOLATED PLANETARY-MASS GRAVITATIONAL LENSES BE MEASURED BY TERRESTRIAL PARALLAX?. <i>Astrophysical Journal</i> , 2015, 799, 181.	4.5	32
79	A CLOSER LOOK AT THE FLUCTUATIONS IN THE BRIGHTNESS OF SN 2009IP DURING ITS LATE 2012 ERUPTION. <i>Astronomical Journal</i> , 2015, 149, 9.	4.7	25
80	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. <i>Astronomical Journal</i> , 2015, 149, 166.	4.7	106
81	HATS9-b AND HATS10-b: TWO COMPACT HOT JUPITERS IN FIELD 7 OF THE K2 MISSION. <i>Astronomical Journal</i> , 2015, 150, 33.	4.7	52
82	HATS-13b and HATS-14b: two transiting hot Jupiters from the HATSouth survey. <i>Astronomy and Astrophysics</i> , 2015, 580, A63.	5.1	15
83	HATS-4b: A DENSE HOT JUPITER TRANSITING A SUPER METAL-RICH G STAR. <i>Astronomical Journal</i> , 2014, 148, 29.	4.7	84
84	MOA-2013-BLG-220Lb: MASSIVE PLANETARY COMPANION TO GALACTIC-DISK HOST. <i>Astrophysical Journal</i> , 2014, 790, 14.	4.5	18
85	CANDIDATE GRAVITATIONAL MICROLENSING EVENTS FOR FUTURE DIRECT LENS IMAGING. <i>Astrophysical Journal</i> , 2014, 794, 71.	4.5	15
86	A SUPER-JUPITER ORBITING A LATE-TYPE STAR: A REFINED ANALYSIS OF MICROLENSING EVENT OGLE-2012-BLG-0406. <i>Astrophysical Journal</i> , 2014, 782, 48.	4.5	42
87	A terrestrial planet in a $\sim 1$ -AU orbit around one member of a $\sim 15$ -AU binary. <i>Science</i> , 2014, 345, 46-49.	12.6	103
88	MICROLENSING DISCOVERY OF A TIGHT, LOW-MASS-RATIO PLANETARY-MASS OBJECT AROUND AN OLD FIELD BROWN DWARF. <i>Astrophysical Journal</i> , 2013, 778, 38.	4.5	79
89	The mass-radius relationship for very low mass stars: four new discoveries from the HATSouth Survey.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 437, 2831-2844.	4.4	48
90	Physical properties, transmission and emission spectra of the WASP-19 planetary system from multi-colour photometry.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2-18.	4.4	90

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91	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , 2013, 767, 1.	4.5	207
92	MOA-2011-BLG-293Lb: A TEST OF PURE SURVEY MICROLENSING PLANET DETECTIONS. <i>Astrophysical Journal</i> , 2012, 755, 102.	4.5	175
93	CHARACTERIZING LOW-MASS BINARIES FROM OBSERVATION OF LONG-TIMESCALE CAUSTIC-CROSSING GRAVITATIONAL MICROLENSING EVENTS. <i>Astrophysical Journal</i> , 2012, 755, 91.	4.5	25
94	A NEW TYPE OF AMBIGUITY IN THE PLANET AND BINARY INTERPRETATIONS OF CENTRAL PERTURBATIONS OF HIGH-MAGNIFICATION GRAVITATIONAL MICROLENSING EVENTS. <i>Astrophysical Journal</i> , 2012, 756, 48.	4.5	20
95	MICROLENSING BINARIES WITH CANDIDATE BROWN DWARF COMPANIONS. <i>Astrophysical Journal</i> , 2012, 760, 116.	4.5	39
96	ECLIPSES DURING THE 2010 ERUPTION OF THE RECURRENT NOVA U SCORPII. <i>Astrophysical Journal</i> , 2011, 742, 113.	4.5	22
97	EPIC 219217635: A Doubly Eclipsing Quadruple System Containing an Evolved Binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	15