

TESS Hunt for Young and Maturing Exoplanets (THYME) Tucanaâ€™ Horologium Association

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS [^] . <i>Astronomical Journal</i> , 2019, 158, 141.	4.7	83
2	A possibly inflated planet around the bright young star DS Tucanae A. <i>Astronomy and Astrophysics</i> , 2019, 630, A81.	5.1	45
3	Constraining the entropy of formation from young transiting planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5030-5040.	4.4	22
4	A PSF-based Approach to TESS High quality data Of Stellar clusters (PATHOS) â€“ II. Search for exoplanets in open clusters of the Southern ecliptic hemisphere and their frequency. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4924-4942.	4.4	37
5	A search for young exoplanets in Sectors 1â€“5 of the <i>TESS</i> full-frame images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1197-1216.	4.4	7
6	A PSF-based Approach to <i>TESS</i> High quality data Of Stellar clusters (PATHOS) â€“ III. Exploring the properties of young associations through their variables, <i>dippers</i>, and candidate exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5972-5989.	4.4	20
7	Superflares on Solar-type Stars from the First Year Observation of TESS. <i>Astrophysical Journal</i> , 2020, 890, 46.	4.5	49
8	A Well-aligned Orbit for the 45 Myr-old Transiting Neptune DS Tuc Ab. <i>Astrophysical Journal Letters</i> , 2020, 892, L21.	8.3	37
9	X-ray irradiation and evaporation of the four young planets around V1298 Tau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4560-4572.	4.4	36
10	The Young Planet DS Tuc Ab Has a Low Obliquity*. <i>Astronomical Journal</i> , 2020, 159, 112.	4.7	19
11	Atmosphere Origins for Exoplanet Sub-Neptunes. <i>Astrophysical Journal</i> , 2020, 891, 111.	4.5	58
12	A Relationship between Stellar Age and Spot Coverage. <i>Astrophysical Journal</i> , 2020, 893, 67.	4.5	34
13	Utilizing Small Telescopes Operated by Citizen Scientists for Transiting Exoplanet Follow-up. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 054401.	3.1	31
14	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 645, A71.	5.1	25
15	Activity of the Star AB Pic with an Exoplanet from the Young Tucâ€™Hor Association. <i>Astronomy Letters</i> , 2021, 47, 175-179.	1.0	2
16	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.	4.7	35
17	Constraints on the mass and on the atmospheric composition and evolution of the low-density young planet DS Tucanae A b. <i>Astronomy and Astrophysics</i> , 2021, 650, A66.	5.1	30
18	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

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19	Activity of Two Young Stars of Solar Type with Planetary Systems from the Ursa Major Moving Group of Stars and the Stream Psc-Eri. <i>Astrophysics</i> , 2021, 64, 178-186.	0.5	10
20	Planets around young active solar-type stars: assessing detection capabilities from a non-stabilized spectrograph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4989-5011.	4.4	6
21	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	7.7	190
22	Exoplanet X-ray irradiation and evaporation rates with eROSITA. <i>Astronomy and Astrophysics</i> , 2022, 661, A23.	5.1	17
23	Speckle Interferometry at SOAR in 2020. <i>Astronomical Journal</i> , 2021, 162, 41.	4.7	14
24	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.	4.7	25
25	Characterizing Undetected Stellar Companions with Combined Data Sets. <i>Astronomical Journal</i> , 2021, 162, 128.	4.7	22
26	Wavelength Dependence of Activity-induced Photometric Variations for Young Cool Stars in Hyades. <i>Astronomical Journal</i> , 2021, 162, 104.	4.7	4
27	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. <i>Astronomical Journal</i> , 2021, 162, 137.	4.7	19
28	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.	4.7	34
29	The Nature and Origins of Sub-Neptune Size Planets. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006639.	3.6	65
30	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 638, A5.	5.1	35
31	Spin-orbit alignment and magnetic activity in the young planetary system AU Mic. <i>Astronomy and Astrophysics</i> , 2020, 641, L1.	5.1	38
32	Flare Statistics for Young Stars from a Convolutional Neural Network Analysis of TESS Data. <i>Astronomical Journal</i> , 2020, 160, 219.	4.7	66
33	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.	4.7	68
34	The Habitable Zone Planet Finder Reveals a High Mass and Low Obliquity for the Young Neptune K2-25b. <i>Astronomical Journal</i> , 2020, 160, 192.	4.7	35
35	Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. <i>Astronomical Journal</i> , 2020, 160, 239.	4.7	38
36	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

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37	Deflating Super-puffs: Impact of Photochemical Hazes on the Observed Mass–Radius Relationship of Low-mass Planets. <i>Astrophysical Journal</i> , 2020, 890, 93.	4.5	44
38	Orbital Parameter Determination for Wide Stellar Binary Systems in the Age of Gaia. <i>Astrophysical Journal</i> , 2020, 894, 115.	4.5	30
39	Four Newborn Planets Transiting the Young Solar Analog V1298 Tau. <i>Astrophysical Journal Letters</i> , 2019, 885, L12.	8.3	97
40	Limits on the Spin–Orbit Angle and Atmospheric Escape for the 22 Myr Old Planet AU Mic b*. <i>Astrophysical Journal Letters</i> , 2020, 899, L13.	8.3	49
41	H-alpha and Ca ii Infrared Triplet Variations During a Transit of the 23 Myr Planet V1298 Tau c. <i>Astronomical Journal</i> , 2021, 162, 213.	4.7	18
42	Photoevaporation versus core-powered mass-loss: model comparison with the 3D radius gap. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5886-5902.	4.4	46
43	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021, 162, 222.	4.7	19
44	The Obliquity of HIP 67522 b: A 17 Myr Old Transiting Hot, Jupiter-sized Planet. <i>Astrophysical Journal Letters</i> , 2021, 922, L1.	8.3	8
45	V1298 Tau with TESS: Updated Ephemerides, Radii, and Period Constraints from a Second Transit of V1298 Tau e. <i>Astrophysical Journal Letters</i> , 2022, 925, L2.	8.3	12
46	YOUNG Star detrending for Transiting Exoplanet Recovery (YOUNGSTER) – II. Using self-organizing maps to explore young star variability in sectors 1–13 of TESS data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4285-4304.	4.4	2
47	Identifying interesting planetary systems for future X-ray observations. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	2
48	A 38 Million Year Old Neptune-sized Planet in the Kepler Field. <i>Astronomical Journal</i> , 2022, 163, 121.	4.7	18
49	The strongly irradiated planets in Praesepe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 41-55.	4.4	1
50	Solar H α excess during Solar Cycle 24 from full-disk filtergrams of the Chromospheric Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A107.	5.1	4
51	Uncovering the true periods of the young sub-Neptunes orbiting TOI-2076. <i>Astronomy and Astrophysics</i> , 2022, 664, A156.	5.1	19
52	One year of AU Mic with HARPS – I. Measuring the masses of the two transiting planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3060-3078.	4.4	29
53	Short-term variability of DS Tucanae A observed with TESS. <i>Astronomy and Astrophysics</i> , 2022, 661, A148.	5.1	7
54	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.	4.7	34

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55	The young HD 73583 (TOI-560) planetary system: two 10-M \ddot{a} Š• 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.	4.4	25
56	The flaring TESS Objects of Interest: flare rates for all two-minute cadence TESS planet candidates. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 512, L60-L65.	3.3	11
57	Tidal star-planet interaction and its observed impact on stellar activity in planet-hosting wide binary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4380-4404.	4.4	11
58	Orbital Dynamics and the Evolution of Planetary Habitability in the AU Mic System. <i>Astronomical Journal</i> , 2022, 163, 20.	4.7	6
59	Planet interactions at a young age. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	1
60	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.	4.7	11
61	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022, 163, 207.	4.7	15
62	A Framework for Characterizing Transmission Spectra of Exoplanets with Circumplanetary Rings. <i>Astrophysical Journal</i> , 2022, 930, 50.	4.5	4
63	A Search for Exoplanets in Open Clusters and Young Associations based on TESS Objects of Interest. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 075008.	1.7	4
64	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. <i>Astronomical Journal</i> , 2022, 163, 289.	4.7	11
65	Stability Constrained Characterization of the 23 Myr Old V1298 Tau System: Do Young Planets Form in Mean Motion Resonance Chains?. <i>Astrophysical Journal Letters</i> , 2022, 932, L12.	8.3	9
66	Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.	4.7	10
67	A detailed analysis of the Gl 486 planetary system. <i>Astronomy and Astrophysics</i> , 2022, 665, A120.	5.1	15
68	Identifying Exoplanets with Deep Learning. IV. Removing Stellar Activity Signals from Radial Velocity Measurements Using Neural Networks. <i>Astronomical Journal</i> , 2022, 164, 49.	4.7	20
69	Companion mass limits for 17 binary systems obtained with binary differential imaging and MagAO/Clio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4487-4504.	4.4	2
70	TOI-712: A System of Adolescent Mini-Neptunes Extending to the Habitable Zone. <i>Astronomical Journal</i> , 2022, 164, 71.	4.7	3
71	pterodactyls: A Tool to Uniformly Search and Vet for Young Transiting Planets in TESS Primary Mission Photometry. <i>Astronomical Journal</i> , 2022, 164, 78.	4.7	2
72	X-ray flares of the young planet host Ds Tucanae A. <i>Astronomy and Astrophysics</i> , 2022, 666, A198.	5.1	6

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74	Transit Hunt for Young and Maturing Exoplanets (THYME). VIII. A Pleiades-age Association Harboring Two Transiting Planetary Systems from Kepler. <i>Astronomical Journal</i> , 2022, 164, 88.	4.7	10
75	An edge-on orbit for the eccentric long-period planet HR 5183 b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3431-3446.	4.4	3
76	TESS Hunt for Young and Maturing Exoplanets (THYME). VII. Membership, Rotation, and Lithium in the Young Cluster Group-X and a New Young Exoplanet. <i>Astronomical Journal</i> , 2022, 164, 115.	4.7	12
77	Stellar Obliquities in Exoplanetary Systems. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 082001.	3.1	55
78	The influence of host star activity evolution on the population of super-Earths and mini-Neptunes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 1683-1706.	4.4	8
79	Kepler and the Behemoth: Three Mini-Neptunes in a 40 Million Year Old Association. <i>Astronomical Journal</i> , 2022, 164, 215.	4.7	10
80	Color Dependence of the Transit Detectability of Young Active M Dwarfs. <i>Astronomical Journal</i> , 2022, 164, 209.	4.7	1
81	TOI-179: A young system with a transiting compact Neptune-mass planet and a low-mass companion in outer orbit. <i>Astronomy and Astrophysics</i> , 2023, 675, A158.	5.1	4
82	New Coronae and Stellar Associations Revealed by a Clustering Analysis of the Solar Neighborhood. <i>Astrophysical Journal</i> , 2022, 939, 94.	4.5	7
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85	Hazy with a Chance of Star Spots: Constraining the Atmosphere of Young Planet K2-33b. <i>Astronomical Journal</i> , 2023, 165, 23.	4.7	2
86	A Low-mass, Pre-main-sequence Eclipsing Binary in the 40 Myr Columba Association—Fundamental Stellar Parameters and Modeling the Effect of Star Spots. <i>Astronomical Journal</i> , 2023, 165, 46.	4.7	1
87	Discovering planets with PLATO: Comparison of algorithms for stellar activity filtering. <i>Astronomy and Astrophysics</i> , 2023, 672, A144.	5.1	0
88	Constraining Young Hot Jupiter Occurrence Rate in Stellar Associations Using 2-min Cadence TESS Data. <i>Universe</i> , 2023, 9, 192.	2.5	1
89	TESS Hunt for Young and Maturing Exoplanets (THYME). IX. A 27 Myr Extended Population of Lower Centaurus Crux with a Transiting Two-planet System. <i>Astronomical Journal</i> , 2023, 165, 85.	4.7	5
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92	Examining the Rotation Period Distribution of the 40 Myr Tucanae "Horologium Association with TESS. <i>Astrophysical Journal</i> , 2023, 945, 114.	4.5	1
93	Removal of Hot Saturns in Mass "Radius Plane by Runaway Mass Loss. <i>Astrophysical Journal Letters</i> , 2023, 945, L36.	8.3	4
94	A sub-Neptune transiting the young field star HD 18599 at 40 pc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 750-766.	4.4	1
95	Revisiting K2-233 spectroscopic time-series with multidimensional Gaussian processes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 3458-3471.	4.4	4
96	The Gaia-ESO Survey: empirical estimates of stellar ages from lithium equivalent widths (eagles). <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 523, 802-824.	4.4	6
97	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2023, 674, A132.	5.1	0
98	Updated Planetary Mass Constraints of the Young V1298 Tau System Using MAROON-X. <i>Astronomical Journal</i> , 2023, 165, 250.	4.7	1
99	HIP 33609 b: An Eccentric Brown Dwarf Transiting a $V = 7.3$ Rapidly Rotating B Star. <i>Astronomical Journal</i> , 2023, 165, 268.	4.7	5
100	Joint Modeling of Radial Velocities and Photometry with a Gaussian Process Framework. <i>Astrophysical Journal</i> , 2023, 950, 162.	4.5	3
101	Overfitting Affects the Reliability of Radial Velocity Mass Estimates of the V1298 Tau Planets. <i>Astronomical Journal</i> , 2023, 166, 62.	4.7	11
102	A Search for Stellar Siblings of the ~ 200 Myr TOI-251 b Planetary System. <i>Astrophysical Journal</i> , 2023, 952, 68.	4.5	0
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104	NIGHT: A compact, near-infrared, high-resolution spectrograph to survey helium in exoplanet systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 527, 4467-4482.	4.4	0
105	Planets Across Space and Time (PAST). IV. The Occurrence and Architecture of Kepler Planetary Systems as a Function of Kinematic Age Revealed by the LAMOST "Gaia" Kepler Sample. <i>Astronomical Journal</i> , 2023, 166, 243.	4.7	2
106	Planetary perturbers: flaring star "planet interactions in Kepler and TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 527, 3395-3417.	4.4	0
107	Understanding the Planetary Formation and Evolution in Star Clusters (UPiC). I. Evidence of Hot Giant Exoplanets Formation Timescales. <i>Astronomical Journal</i> , 2023, 166, 219.	4.7	2
108	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2024, 682, A129.	5.1	0

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109	TESS Hunt for Young and Maturing Exoplanets (THYME). XI. An Earth-sized Planet Orbiting a Nearby, Solar-like Host in the 400 Myr Ursa Major Moving Group. <i>Astronomical Journal</i> , 2024, 167, 54.	4.7	1
110	Characterization of K2-167 b and CALM, a new stellar activity mitigation method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2024, 529, 1047-1066.	4.4	0