

Timothy D Morton

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

10,991
citations

81900

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175258

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times ranked

5452
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2011-2013. <i>Astronomical Journal</i> , 2022, 163, 244.	4.7	8
2	The GALAH Survey: using galactic archaeology to refine our knowledge of <i>TESS</i> target stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4968-4989.	4.4	9
3	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	4.7	96
4	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.	4.7	32
5	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
6	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019, 881, L19.	8.3	80
7	Toward Precise Stellar Ages: Combining Isochrone Fitting with Empirical Gyrochronology. <i>Astronomical Journal</i> , 2019, 158, 173.	4.7	88
8	First Radial Velocity Results From the MINIature Exoplanet Radial Velocity Array (MINERVA). <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 115001.	3.1	10
9	Qatar Exoplanet Survey: Qatar-7—A Very Hot Jupiter Orbiting a Metal-rich F-Star. <i>Astronomical Journal</i> , 2019, 157, 74.	4.7	2
10	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177.	4.7	34
11	Discovery of a Disrupting Open Cluster Far into the Milky Way Halo: A Recent Star Formation Event in the Leading Arm of the Magellanic Stream?. <i>Astrophysical Journal</i> , 2019, 887, 19.	4.5	20
12	stardate: Combining dating methods for better stellar ages. <i>Journal of Open Source Software</i> , 2019, 4, 1469.	4.6	12
13	Robo-AO Kepler Survey. IV. The Effect of Nearby Stars on 3857 Planetary Candidate Systems. <i>Astronomical Journal</i> , 2018, 155, 161.	4.7	39
14	The California-Kepler Survey. V. Peas in a Pod: Planets in a Kepler Multi-planet System Are Similar in Size and Regularly Spaced. <i>Astronomical Journal</i> , 2018, 155, 48.	4.7	239
15	The California-Kepler Survey. IV. Metal-rich Stars Host a Greater Diversity of Planets. <i>Astronomical Journal</i> , 2018, 155, 89.	4.7	249
16	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0-10. <i>Astronomical Journal</i> , 2018, 155, 136.	4.7	141
17	Inferring probabilistic stellar rotation periods using Gaussian processes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2094-2108.	4.4	140
18	Planetary Candidates Observed by <i>Kepler</i> . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 38.	7.7	316

#	ARTICLE	IF	CITATIONS
19	The California-Kepler Survey. II. Precise Physical Properties of 2025 Kepler Planets and Their Host Stars [*] . <i>Astronomical Journal</i> , 2017, 154, 108.	4.7	149
20	The California-Kepler Survey. I. High-resolution Spectroscopy of 1305 Stars Hosting Kepler Transiting Planets [*] . <i>Astronomical Journal</i> , 2017, 154, 107.	4.7	249
21	ROBO-AO KEPLER PLANETARY CANDIDATE SURVEY. III. ADAPTIVE OPTICS IMAGING OF 1629 KEPLER EXOPLANET CANDIDATE HOST STARS. <i>Astronomical Journal</i> , 2017, 153, 66.	4.7	75
22	The California-Kepler Survey. III. A Gap in the Radius Distribution of Small Planets*. <i>Astronomical Journal</i> , 2017, 154, 109.	4.7	889
23	Three Statistically Validated K2 Transiting Warm Jupiter Exoplanets Confirmed as Low-mass Stars. <i>Astrophysical Journal Letters</i> , 2017, 847, L18.	8.3	46
24	Constraints on the Obliquities of Kepler Planet-hosting Stars. <i>Astronomical Journal</i> , 2017, 154, 270.	4.7	61
25	TWO SMALL TEMPERATE PLANETS TRANSITING NEARBY M DWARFS IN K2 CAMPAIGNS 0 AND 1* $\hat{a} \hat{e} \hat{j}$. <i>Astrophysical Journal</i> , 2016, 818, 87.	4.5	47
26	ROBO-AO KEPLER PLANETARY CANDIDATE SURVEY. II. ADAPTIVE OPTICS IMAGING OF 969 KEPLER EXOPLANET CANDIDATE HOST STARS. <i>Astronomical Journal</i> , 2016, 152, 18.	4.7	78
27	THE POPULATION OF LONG-PERIOD TRANSITING EXOPLANETS. <i>Astronomical Journal</i> , 2016, 152, 206.	4.7	96
28	FRIENDS OF HOT JUPITERS. IV. STELLAR COMPANIONS BEYOND 50 au MIGHT FACILITATE GIANT PLANET FORMATION, BUT MOST ARE UNLIKELY TO CAUSE KOZAIâ€“LIDOV MIGRATION. <i>Astrophysical Journal</i> , 2016, 827, 8.	4.5	123
29	FALSE POSITIVE PROBABILITIES FOR ALL KEPLER OBJECTS OF INTEREST: 1284 NEWLY VALIDATED PLANETS AND 428 LIKELY FALSE POSITIVES. <i>Astrophysical Journal</i> , 2016, 822, 86.	4.5	366
30	FRIENDS OF HOT JUPITERS. III. AN INFRARED SPECTROSCOPIC SEARCH FOR LOW-MASS STELLAR COMPANIONS. <i>Astrophysical Journal</i> , 2015, 814, 148.	4.5	53
31	FRIENDS OF HOT JUPITERS. II. NO CORRESPONDENCE BETWEEN HOT-JUPITER SPIN-ORBIT MISALIGNMENT AND THE INCIDENCE OF DIRECTLY IMAGED STELLAR COMPANIONS. <i>Astrophysical Journal</i> , 2015, 800, 138.	4.5	137
32	A SYSTEMATIC SEARCH FOR TRANSITING PLANETS IN THE <i>K2</i> DATA. <i>Astrophysical Journal</i> , 2015, 806, 215.	4.5	123
33	STELLAR AND PLANETARY PROPERTIES OF <i>K2</i> CAMPAIGN 1 CANDIDATES AND VALIDATION OF 17 PLANETS, INCLUDING A PLANET RECEIVING EARTH-LIKE INSOLATION. <i>Astrophysical Journal</i> , 2015, 809, 25.	4.5	150
34	THE TRANSITING EXOPLANET SURVEY SATELLITE: SIMULATIONS OF PLANET DETECTIONS AND ASTROPHYSICAL FALSE POSITIVES. <i>Astrophysical Journal</i> , 2015, 809, 77.	4.5	415
35	TERRESTRIAL PLANET OCCURRENCE RATES FOR THE <i>KEPLER</i> GK DWARF SAMPLE. <i>Astrophysical Journal</i> , 2015, 809, 8.	4.5	302
36	FRIENDS OF HOT JUPITERS. I. A RADIAL VELOCITY SEARCH FOR MASSIVE, LONG-PERIOD COMPANIONS TO CLOSE-IN GAS GIANT PLANETS. <i>Astrophysical Journal</i> , 2014, 785, 126.	4.5	245

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37	Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014, 1, 014003.	1.8	2,300
38	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> IV: PLANET SAMPLE FROM Q1-Q8 (22 MONTHS). <i>Astrophysical Journal</i> , Supplement Series, 2014, 210, 19.	7.7	222
39	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal</i> , Supplement Series, 2014, 210, 20.	7.7	418
40	Transiting Exoplanet Survey Satellite (TESS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	566
41	OBLIQUITIES OF <i>KEPLER</i> STARS: COMPARISON OF SINGLE- AND MULTIPLE-TRANSIT SYSTEMS. <i>Astrophysical Journal</i> , 2014, 796, 47.	4.5	114
42	EXOPLANET POPULATION INFERENCE AND THE ABUNDANCE OF EARTH ANALOGS FROM NOISY, INCOMPLETE CATALOGS. <i>Astrophysical Journal</i> , 2014, 795, 64.	4.5	241
43	THE RADIUS DISTRIBUTION OF PLANETS AROUND COOL STARS. <i>Astrophysical Journal</i> , 2014, 791, 10.	4.5	132
44	CHARACTERIZING THE COOL KOIs. IV. KEPLER-32 AS A PROTOTYPE FOR THE FORMATION OF COMPACT PLANETARY SYSTEMS THROUGHOUT THE GALAXY. <i>Astrophysical Journal</i> , 2013, 764, 105.	4.5	132
45	RETIRED A STARS: THE EFFECT OF STELLAR EVOLUTION ON THE MASS ESTIMATES OF SUBGIANTS. <i>Astrophysical Journal</i> , 2013, 763, 53.	4.5	40
46	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM <i>KEPLER</i> . <i>Astrophysical Journal</i> , Supplement Series, 2012, 201, 15.	7.7	871
47	AN EFFICIENT AUTOMATED VALIDATION PROCEDURE FOR EXOPLANET TRANSIT CANDIDATES. <i>Astrophysical Journal</i> , 2012, 761, 6.	4.5	220
48	CHARACTERIZING THE COOL KOIs. III. KOI 961: A SMALL STAR WITH LARGE PROPER MOTION AND THREE SMALL PLANETS. <i>Astrophysical Journal</i> , 2012, 747, 144.	4.5	209
49	THE PHOTOECCENTRIC EFFECT AND PROTO-HOT JUPITERS. II. KOI-1474.01, A CANDIDATE ECCENTRIC PLANET PERTURBED BY AN UNSEEN COMPANION. <i>Astrophysical Journal</i> , 2012, 761, 163.	4.5	62
50	ON THE LOW FALSE POSITIVE PROBABILITIES OF <i>KEPLER</i> PLANET CANDIDATES. <i>Astrophysical Journal</i> , 2011, 738, 170.	4.5	223
51	A HOT JUPITER ORBITING THE 1.7 <i>M</i> SUBGIANT HD 102956. <i>Astrophysical Journal Letters</i> , 2010, 721, L153-L157.	8.3	84