

Trevor J David

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,052
citations

257450

24
h-index

254184

43
g-index

48
all docs

48
docs citations

48
times ranked

2162
citing authors

#	ARTICLE	IF	CITATIONS
1	A Neptune-sized transiting planet closely orbiting a 5-10-million-year-old star. <i>Nature</i> , 2016, 534, 658-661.	27.8	157
2	Watan: Comprehensive Time-series Detrending in Python. <i>Astronomical Journal</i> , 2019, 158, 143.	4.7	112
3	THE AGES OF EARLY-TYPE STARS: STRÅ-MGREN PHOTOMETRIC METHODS CALIBRATED, VALIDATED, TESTED, AND APPLIED TO HOSTS AND PROSPECTIVE HOSTS OF DIRECTLY IMAGED EXOPLANETS. <i>Astrophysical Journal</i> , 2015, 804, 146.	4.5	109
4	Rotation of Low-mass Stars in Upper Scorpius and β -Ophiuchus with K2. <i>Astronomical Journal</i> , 2018, 155, 196.	4.7	105
5	exoplanet: Gradient-based probabilistic inference for exoplanet data other astronomical time series. <i>Journal of Open Source Software</i> , 2021, 6, 3285.	4.6	104
6	Four Newborn Planets Transiting the Young Solar Analog V1298 Tau. <i>Astrophysical Journal Letters</i> , 2019, 885, L12.	8.3	97
7	New Low-mass Eclipsing Binary Systems in Praesepe Discovered by K2. <i>Astrophysical Journal</i> , 2017, 849, 11.	4.5	89
8	K2 DISCOVERS A BUSY BEE: AN UNUSUAL TRANSITING NEPTUNE FOUND IN THE BEEHIVE CLUSTER. <i>Astronomical Journal</i> , 2016, 152, 223.	4.7	84
9	K2-136: A Binary System in the Hyades Cluster Hosting a Neptune-sized Planet. <i>Astronomical Journal</i> , 2018, 155, 10.	4.7	80
10	THE β ANDROMEDAE SYSTEM: NEW CONSTRAINTS ON THE COMPANION MASS, SYSTEM AGE, AND FURTHER MULTIPLICITY. <i>Astrophysical Journal</i> , 2013, 779, 153.	4.5	79
11	Age Determination in Upper Scorpius with Eclipsing Binaries. <i>Astrophysical Journal</i> , 2019, 872, 161.	4.5	77
12	ROTATION IN THE PLEIADES WITH K2. III. SPECULATIONS ON ORIGINS AND EVOLUTION. <i>Astronomical Journal</i> , 2016, 152, 115.	4.7	68
13	A Low-mass Exoplanet Candidate Detected by K2 Transiting the Praesepe M Dwarf JS 183. <i>Astronomical Journal</i> , 2017, 153, 177.	4.7	61
14	A Warm Jupiter-sized Planet Transiting the Pre-main-sequence Star V1298 Tau. <i>Astronomical Journal</i> , 2019, 158, 79.	4.7	61
15	Orbiting Clouds of Material at the Keplerian Co-rotation Radius of Rapidly Rotating Low-mass WTTs in Upper Sco. <i>Astronomical Journal</i> , 2017, 153, 152.	4.7	59
16	NEW PLEIADES ECLIPSING BINARIES AND A HYADES TRANSITING SYSTEM IDENTIFIED BY K2. <i>Astronomical Journal</i> , 2016, 151, 112.	4.7	58
17	K2 DISCOVERY OF YOUNG ECLIPSING BINARIES IN UPPER SCORPIUS: DIRECT MASS AND RADIUS DETERMINATIONS FOR THE LOWEST MASS STARS AND INITIAL CHARACTERIZATION OF AN ECLIPSING BROWN DWARF BINARY. <i>Astrophysical Journal</i> , 2016, 816, 21.	4.5	55
18	Rotation of Low-mass Stars in Taurus with K2. <i>Astronomical Journal</i> , 2020, 159, 273.	4.7	54

#	ARTICLE	IF	CITATIONS
19	A Continuum of Accretion Burst Behavior in Young Stars Observed by K2. <i>Astrophysical Journal</i> , 2017, 836, 41.	4.5	53
20	IDENTIFYING CONTRIBUTIONS TO THE STELLAR HALO FROM ACCRETED, KICKED-OUT, AND IN SITU POPULATIONS. <i>Astrophysical Journal</i> , 2012, 761, 161.	4.5	43
21	A Transient Transit Signature Associated with the Young Star RIK-210. <i>Astrophysical Journal</i> , 2017, 835, 168.	4.5	42
22	More Rapidly Rotating PMS M Dwarfs with Light Curves Suggestive of Orbiting Clouds of Material. <i>Astronomical Journal</i> , 2018, 155, 63.	4.7	31
23	Evolution of the Exoplanet Size Distribution: Forming Large Super-Earths Over Billions of Years. <i>Astronomical Journal</i> , 2021, 161, 265.	4.7	29
24	The $\frac{1}{4}$ Tau Association: A 60 Myr Old Coeval Group at 150 pc from the Sun. <i>Astrophysical Journal</i> , 2020, 903, 96.	4.5	29
25	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
26	DISCOVERY OF A LOW-MASS COMPANION AROUND HR 3549. <i>Astrophysical Journal</i> , 2015, 811, 103.	4.5	24
27	The Rotational Evolution of Young, Binary M Dwarfs. <i>Astronomical Journal</i> , 2018, 156, 275.	4.7	23
28	Discovery of a Transiting Adolescent Sub-Neptune Exoplanet with K2. <i>Astronomical Journal</i> , 2018, 156, 302.	4.7	23
29	Gyro-kinematic Ages for around 30,000 Kepler Stars. <i>Astronomical Journal</i> , 2021, 161, 189.	4.7	22
30	Three Small Planets Transiting the Bright Young Field Star K2-233. <i>Astronomical Journal</i> , 2018, 155, 222.	4.7	21
31	Further Evidence of Modified Spin-down in Sun-like Stars: Pileups in the Temperature-Period Distribution. <i>Astrophysical Journal</i> , 2022, 933, 114.	4.5	21
32	A <i>TESS</i> Dress Rehearsal: Planetary Candidates and Variables from <i>K2</i> Campaign 17. <i>Astrophysical Journal</i> , Supplement Series, 2018, 239, 5.	7.7	20
33	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021, 162, 222.	4.7	19
34	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
35	The Influence of Age on the Relative Frequency of Super-Earths and Sub-Neptunes. <i>Astrophysical Journal</i> , 2021, 911, 117.	4.5	16
36	HII 2407: AN ECLIPSING BINARY REVEALED BY K2 OBSERVATIONS OF THE PLEIADES. <i>Astrophysical Journal</i> , 2015, 814, 62.	4.5	12

#	ARTICLE	IF	CITATIONS
37	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
38	An Aligned Orbit for the Young Planet V1298 Tau b. <i>Astronomical Journal</i> , 2022, 163, 247.	4.7	12
39	Constraining the presence of giant planets in two-belt debris disc systems with VLT/SPHERE direct imaging and dynamical arguments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2757-2783.	4.4	11
40	EPIC 203868608: A Low-mass Quadruple Star System in the Upper Scorpius OB Association. <i>Astrophysical Journal</i> , 2018, 865, 141.	4.5	9
41	A Mass Limit for the Young Transiting Planet V1298 Tau b. <i>Research Notes of the AAS</i> , 2019, 3, 89.	0.7	8
42	Discovery of $\hat{\gamma}$ Scuti Pulsations in the Young Hybrid Debris Disk Star HD 156623. <i>Astrophysical Journal</i> , 2019, 870, 36.	4.5	6
43	A 2 R _{sub>âŠ•} Planet Orbiting the Bright Nearby K Dwarf Wolf 503. <i>Astronomical Journal</i> , 2018, 156, 188.	4.7	4
44	Pleiades or Not? Resolving the Status of the Lithium-rich M Dwarfs HHJ 339 and HHJ 430. <i>Astronomical Journal</i> , 2020, 160, 30.	4.7	4
45	An Asymmetric Eclipse Seen toward the Pre-main-sequence Binary System V928 Tau. <i>Astronomical Journal</i> , 2020, 160, 285.	4.7	4
46	Three New Late-type Stellar Companions to Very Dusty WISE Debris Disks Identified with SPHERE Imaging. <i>Astronomical Journal</i> , 2021, 161, 78.	4.7	2