Tabetha S Boyajian

List of Publications by Year
in descending order

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		159585	114465
67	4,510	30	63
papers	citations	h-index	g-index

70	70	70	3540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HOW TO CONSTRAIN YOUR M DWARF: MEASURING EFFECTIVE TEMPERATURE, BOLOMETRIC LUMINOSITY, MASS, AND RADIUS. Astrophysical Journal, 2015, 804, 64.	4.5	491
2	STELLAR DIAMETERS AND TEMPERATURES. II. MAIN-SEQUENCE K- AND M-STARS. Astrophysical Journal, 2012, 757, 112.	4.5	457
3	KEPLER ECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. Astronomical Journal, 2016, 151, 68.	4.7	302
4	THE NASA-UC-UH ETA-EARTH PROGRAM. IV. A LOW-MASS PLANET ORBITING AN M DWARF 3.6 PC FROM EARTH. Astrophysical Journal, 2014, 794, 51.	4.5	277
5	PLANETARY CANDIDATES OBSERVED BY KEPLER. VII. THE FIRST FULLY UNIFORM CATALOG BASED ON THE ENTIRE 48-MONTH DATA SET (Q1â€“Q17 DR24). Astrophysical Journal, Supplement Series, 2016, 224, 12.	7.7	223
6	STELLAR DIAMETERS AND TEMPERATURES. III. MAIN-SEQUENCE A, F, G, AND K STARS: ADDITIONAL HIGH-PRECISION MEASUREMENTS AND EMPIRICAL RELATIONS. Astrophysical Journal, 2013, 771, 40.	4.5	203
7	STELLAR DIAMETERS AND TEMPERATURES. I. MAIN-SEQUENCE A, F, AND G STARS. Astrophysical Journal, 2012, 746, 101.	4.5	163
8	CHARACTERIZING THE COOL KOIs. II. THE M DWARF KOI-254 AND ITS HOT JUPITER. Astronomical Journal, 2012, 143, 111.	4.7	154
9	STELLAR DIAMETERS AND TEMPERATURES. IV. PREDICTING STELLAR ANGULAR DIAMETERS. Astronomical Journal, 2014, 147, 47.	4.7	124
10	Stellar diameters and temperatures â€“ VI. High angular resolution measurements of the transiting exoplanet host stars HD 189733 and HD 209458 and implications for models of cool dwarfs. Monthly Notices of the Royal Astronomical Society, 2015, 447, 846-857.	4.4	108
11	Stellar diameters and temperatures â€“ V. 11 newly characterized exoplanet host stars. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2413-2425.	4.4	106
12	THE ORBITS OF THE Î³-RAY BINARIES LS I +61 303 AND LS 5039. Astrophysical Journal, 2009, 698, 514-518.	4.5	102
13	THE GJ 436 SYSTEM: DIRECTLY DETERMINED ASTROPHYSICAL PARAMETERS OF AN M DWARF AND IMPLICATIONS FOR THE TRANSITING HOT NEPTUNE. Astrophysical Journal, 2012, 753, 171.	4.5	102
14	ASTROPHYSICAL PARAMETERS AND HABITABLE ZONE OF THE EXOPLANET HOSTING STAR GJ 581. Astrophysical Journal Letters, 2011, 729, L26.	8.3	93
15	THE CHARA ARRAY ANGULAR DIAMETER OF HR 8799 FAVORS PLANETARY MASSES FOR ITS IMAGED COMPANIONS. Astrophysical Journal, 2012, 761, 57.	4.5	92
16	THE DYNAMICAL MASS AND THREE-DIMENSIONAL ORBIT OF HR7672B: A BENCHMARK BROWN DWARF WITH HIGH ECCENTRICITY. Astrophysical Journal, 2012, 751, 97.	4.5	79
17	PLANET HUNTERS. VIII. CHARACTERIZATION OF 41 LONG-PERIOD EXOPLANET CANDIDATES FROM KEPLER ARCHIVAL DATA. Astrophysical Journal, 2015, 815, 127.	4.5	77
18	The Yaleâ€“Potsdam Stellar Isochrones. Astrophysical Journal, 2017, 838, 161.	4.5	77

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19	Dippers and dusty disc edges: new diagnostics and comparison to model predictions. Monthly Notices of the Royal Astronomical Society, 2017, 470, 202-223.	4.4	71
20	PLANET HUNTERS. V. A CONFIRMED JUPITER-SIZE PLANET IN THE HABITABLE ZONE AND 42 PLANET CANDIDATES FROM THEKEPLERARCHIVE DATA. Astrophysical Journal, 2013, 776, 10.	4.5	68
21	CHARACTERIZING THE COOL KOIs. V. KOI-256: A MUTUALLY ECLIPSING POST-COMMON ENVELOPE BINARY. Astrophysical Journal, 2013, 767, 111.	4.5	63
22	PLANET HUNTERS. VI. AN INDEPENDENT CHARACTERIZATION OF KOI-351 AND SEVERAL LONG PERIOD PLANET CANDIDATES FROM THEKEPLERARCHIVAL DATA. Astronomical Journal, 2014, 148, 28.	4.7	56
23	Modelling the KIC8462852 light curves: compatibility of the dips and secular dimming with an exocomet interpretation. Monthly Notices of the Royal Astronomical Society, 2018, 473, 5286-5307.	4.4	48
24	THE AGES OF A-STARS. I. INTERFEROMETRIC OBSERVATIONS AND AGE ESTIMATES FOR STARS IN THE URSA MAJOR MOVING GROUP. Astrophysical Journal, 2015, 813, 58.	4.5	47
25	THE PHYSICAL PARAMETERS OF THE RETIRED A STAR HD 185351. Astrophysical Journal, 2014, 794, 15.	4.5	44
26	THREE TEMPERATE NEPTUNES ORBITING NEARBY STARS*. Astrophysical Journal, 2016, 830, 46.	4.5	44
27	THE AGE OF THE DIRECTLY IMAGED PLANET HOST STAR Îº ANDROMEDAE DETERMINED FROM INTERFEROMETRIC OBSERVATIONS. Astrophysical Journal Letters, 2016, 822, L3.	8.3	42
28	PLANET HUNTERS. X. SEARCHING FOR NEARBY NEIGHBORS OF 75 PLANET AND ECLIPSING BINARY CANDIDATES FROM THE K2 KEPLER EXTENDED MISSION. Astronomical Journal, 2016, 151, 159.	4.7	42
29	HOST STAR PROPERTIES AND TRANSIT EXCLUSION FOR THE HD 38529 PLANETARY SYSTEM. Astrophysical Journal, 2013, 768, 155.	4.5	39
30	Angular Diameters of the G Subdwarf Î¼ Cassiopeiae A and the K Dwarfs Ïƒ Draconis and HR 511 from Interferometric Measurements with the CHARA Array. Astrophysical Journal, 2008, 683, 424-432.	4.5	38
31	The First Post-Kepler Brightness Dips of KIC 8462852. Astrophysical Journal Letters, 2018, 853, L8.	8.3	38
32	Predicting stellar angular diameters from V, IC, H and K photometry. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3608-3614.	4.4	37
33	A discontinuity in theTeffâ€“radius relation of M-dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2674-2683.	4.4	37
34	KEPLER ECLIPSING BINARY STARS. VIII. IDENTIFICATION OF FALSE POSITIVE ECLIPSING BINARIES AND RE-EXTRACTION OF NEW LIGHT CURVES. Astronomical Journal, 2016, 151, 101.	4.7	36
35	Kepler Eclipsing Binary Stars. V. Identification of 31 Candidate Eclipsing Binaries in the K2 Engineering Dataset. Publications of the Astronomical Society of the Pacific, 2014, 126, 914-922.	3.1	35
36	Keplereclipsing binary stars â€“ VI. Identification of eclipsing binaries in theK2Campaign 0 data set. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3561-3592.	4.4	31

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37	REFINED PROPERTIES OF THE HD 130322 PLANETARY SYSTEM. Astrophysical Journal, 2015, 803, 8.	4.5	30
38	A Spectroscopic Study of Field and Runaway OB Stars. Astrophysical Journal, 2007, 655, 473-483.	4.5	30
39	STELLAR PARAMETERS FOR HD 69830, A NEARBY STAR WITH THREE NEPTUNE MASS PLANETS AND AN ASTEROID BELT. Astrophysical Journal, 2015, 800, 115.	4.5	29
40	The GALEX View of â€œBoyajianâ€™s Starâ€•(KIC 8462852). Astrophysical Journal, 2018, 853, 130.	4.5	28
41	STELLAR ACTIVITY AND EXCLUSION OF THE OUTER PLANET IN THE HD 99492 SYSTEM. Astrophysical Journal Letters, 2016, 820, L5.	8.3	26
42	A NEW ANALYSIS OF THE EXOPLANET HOSTING SYSTEM HD 6434. Astronomical Journal, 2015, 150, 169.	4.7	24
43	ANGULAR DIAMETERS OF THE HYADES GIANTS MEASURED WITH THE CHARA ARRAY. Astrophysical Journal, 2009, 691, 1243-1247.	4.5	23
44	KIC 9406652: AN UNUSUAL CATACLYSMIC VARIABLE IN THEKEPLERFIELD OF VIEW. Astrophysical Journal, 2013, 775, 64.	4.5	23
45	EVIDENCE FOR REFLECTED LIGHT FROM THE MOST ECCENTRIC EXOPLANET KNOWN. Astrophysical Journal, 2016, 821, 65.	4.5	23
46	Extinction and the Dimming of KIC 8462852. Astrophysical Journal, 2017, 847, 131.	4.5	23
47	Measurement of Source Star Colors with the K2C9-CFHT Multi-color Microlensing Survey. Publications of the Astronomical Society of the Pacific, 2018, 130, 104401.	3.1	20
48	INNER ORBITS IN HIERARCHICAL TRIPLE SYSTEMS FROM THE CHARA ARRAY. I. V819 Her B. Astrophysical Journal, 2011, 728, 111.	4.5	15
49	DETECTION OF SOLAR-LIKE OSCILLATIONS, OBSERVATIONAL CONSTRAINTS, AND STELLAR MODELS FOR Î¸ CYG, THE BRIGHTEST STAR OBSERVED BY THE KEPLER MISSION. Astrophysical Journal, 2016, 831, 17.	4.5	14
50	The K2 Bright Star Survey. I. Methodology and Data Release. Astrophysical Journal, Supplement Series, 2019, 245, 8.	7.7	14
51	Spectroscopy,MOSTphotometry, and interferometry of MWC 314: is it an LBV or an interacting binary?. Monthly Notices of the Royal Astronomical Society, 2016, 455, 244-257.	4.4	12
52	Directly Determined Properties of HD 97658 from Interferometric Observations. Astronomical Journal, 2021, 162, 118.	4.7	11
53	Characterization of the Wolf 1061 Planetary System. Astrophysical Journal, 2017, 835, 200.	4.5	10
54	Benchmarking Substellar Evolutionary Models Using New Age Estimates for HD 4747 B and HD 19467 B. Astrophysical Journal, 2019, 873, 83.	4.5	10

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55	A COMPREHENSIVE CHARACTERIZATION OF THE 70 VIRGINIS PLANETARY SYSTEM. Astrophysical Journal, 2015, 806, 60.	4.5	9
56	The KIC 8462852 light curve from 2015.75 to 2018.18 shows a variable secular decline. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2235-2248.	4.4	9
57	Non-grey dimming events of KIC 8462852 from GTC spectrophotometry. Astronomy and Astrophysics, 2018, 610, L12.	5.1	9
58	Runaway Massive Binaries and Cluster Ejection Scenarios. Astrophysical Journal, 2007, 660, 740-746.	4.5	8
59	Towards reliable uncertainties in IR interferometry: the bootstrap for correlated statisticalÂand systematic errors. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2656-2673.	4.4	8
60	MULTIWAVELENGTH OBSERVATIONS OF THE RUNAWAY BINARY HD 15137. Astronomical Journal, 2010, 139, 857-864.	4.7	5
61	A new spectroscopic analysis of the massive OÂ+ÂO type binary HDâ€‰54662â€‰AB. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3937-3949.	4.4	5
62	Extrasolar Planets and Their Host Stars. SpringerBriefs in Astronomy, 2017, , .	1.6	3
63	AB Dor Moving Group Stars Resolved with the CHARA Array. Astrophysical Journal, 2018, 858, 71.	4.5	3
64	Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems. Astronomical Journal, 2020, 159, 197.	4.7	2
65	HST/FGS Trigonometric Parallaxes of M-dwarf Eclipsing Binaries. Publications of the Astronomical Society of the Pacific, 2020, 132, 054201.	3.1	1
66	The Ejection of Runaway Massive Binaries. Proceedings of the International Astronomical Union, 2006, 2, 313-315.	0.0	0
67	Spectroscopic HÎ± and HÎ³ survey of field Be stars: 2004-2008. Proceedings of the International Astronomical Union, 2009, 5, 343-344.	0.0	0