

Benjamin Montet

List of Publications by Year in descending order

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docs citations

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times ranked

3303
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Evidence for Centrifugal Breakout around the Young M Dwarf TIC 234284556. <i>Astrophysical Journal</i> , 2022, 925, 75.	4.5	6
3	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022, 163, 168.	4.7	23
4	Discovery of post-mass-transfer helium-burning red giants using asteroseismology. <i>Nature Astronomy</i> , 2022, 6, 673-680.	10.1	16
5	The unpopular Package: A Data-driven Approach to Detrending TESS Full-frame Image Light Curves. <i>Astronomical Journal</i> , 2022, 163, 284.	4.7	16
6	The NASA GSFC TESS Full Frame Image Light Curve Data Set. <i>Research Notes of the AAS</i> , 2022, 6, 111.	0.7	8
7	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.	12.6	41
8	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	4.7	28
9	The GALAH+ survey: Third data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 150-201.	4.4	293
10	TOI-1259Ab â€“ a gas giant planet with 2.7â€‰percent deep transits and a bound white dwarf companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4132-4148.	4.4	9
11	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
12	Revisiting the HD 21749 planetary system with stellar activity modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 6042-6061.	4.4	6
13	TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS. <i>Astronomical Journal</i> , 2021, 161, 13.	4.7	12
14	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
15	A Search for Transits among the Delta Scuti Variables in Kepler. <i>Astronomical Journal</i> , 2021, 162, 204.	4.7	6
16	C/2014 UN ₂₇₁ (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. <i>Astrophysical Journal Letters</i> , 2021, 921, L37.	8.3	21
17	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234.	4.7	30
18	Asteroseismic masses of four evolved planet-hosting stars using SONG and TESS: resolving the retired A-star mass controversy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 5423-5435.	4.4	10

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19	TOI-1338: TESS™ First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020, 159, 253.	4.7	58
20	The Young Planet DS Tuc Ab Has a Low Obliquity*. <i>Astronomical Journal</i> , 2020, 159, 112.	4.7	19
21	The Sun is less active than other solar-like stars. <i>Science</i> , 2020, 368, 518-521.	12.6	70
22	exttt{stella}: Convolutional Neural Networks for Flare Identification in extit{TESS}. <i>Journal of Open Source Software</i> , 2020, 5, 2347.	4.6	17
23	Flare Statistics for Young Stars from a Convolutional Neural Network Analysis of TESS Data. <i>Astronomical Journal</i> , 2020, 160, 219.	4.7	66
24	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
25	The TRENDS High-contrast Imaging Survey. VIII. Compendium of Benchmark Objects. <i>Astrophysical Journal</i> , 2020, 893, 27.	4.5	8
26	Systematics-insensitive Periodogram for Finding Periods in TESS Observations of Long-period Rotators. <i>Research Notes of the AAS</i> , 2020, 4, 220.	0.7	15
27	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
28	eleanor: An Open-source Tool for Extracting Light Curves from the <i>TESS</i> Full-frame Images. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 094502.	3.1	167
29	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32.	4.7	93
30	<tt>WOBBLE</tt>: A Data-driven Analysis Technique for Time-series Stellar Spectra. <i>Astronomical Journal</i> , 2019, 158, 164.	4.7	38
31	Observations of the Kepler Field with TESS: Predictions for Planet Yield and Observable Features. <i>Astronomical Journal</i> , 2019, 157, 235.	4.7	9
32	Sounding stellar cycles with Kepler â€“ III. Comparative analysis of chromospheric, photometric, and asteroseismic variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5096-5104.	4.4	11
33	Transits of Inclined Exomoonsâ€”Hide and Seek and an Application to Kepler-1625. <i>Astrophysical Journal Letters</i> , 2019, 875, L25.	8.3	13
34	K2-146: Discovery of Planet c, Precise Masses from Transit Timing, and Observed Precession. <i>Astronomical Journal</i> , 2019, 158, 133.	4.7	23
35	Characterization of Low-mass K2 Planet Hosts Using Near-infrared Spectroscopy. <i>Astronomical Journal</i> , 2019, 158, 135.	4.7	4
36	The Influence of Metallicity on Stellar Differential Rotation and Magnetic Activity. <i>Astrophysical Journal</i> , 2018, 852, 46.	4.5	67

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37	The GALEX View of α Boyajian's Star (KIC 8462852). <i>Astrophysical Journal</i> , 2018, 853, 130.	4.5	28
38	A Significant Overluminosity in the Transiting Brown Dwarf CWW 89Ab. <i>Astronomical Journal</i> , 2018, 156, 168.	4.7	24
39	Retired A Stars Revisited: An Updated Giant Planet Occurrence Rate as a Function of Stellar Metallicity and Mass. <i>Astrophysical Journal</i> , 2018, 860, 109.	4.5	68
40	Where Is the Flux Going? The Long-term Photometric Variability of Boyajian's Star. <i>Astrophysical Journal</i> , 2018, 853, 77.	4.5	32
41	Unbiased Inference of the Masses of Transiting Planets from Radial Velocity Follow-up. <i>Research Notes of the AAS</i> , 2018, 2, 28.	0.7	10
42	Measuring the Galactic Distribution of Transiting Planets with <i>WFIRST</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 044401.	3.1	48
43	Chromospheric Activity of HAT-P-11: An Unusually Active Planet-hosting K Star. <i>Astrophysical Journal</i> , 2017, 848, 58.	4.5	46
44	The Multiplicity of M Dwarfs in Young Moving Groups. <i>Astrophysical Journal</i> , 2017, 846, 93.	4.5	14
45	Long-term Photometric Variability in Kepler Full-frame Images: Magnetic Cycles of Sun-like Stars. <i>Astrophysical Journal</i> , 2017, 851, 116.	4.5	91
46	Disentangling Time-series Spectra with Gaussian Processes: Applications to Radial Velocity Analysis. <i>Astrophysical Journal</i> , 2017, 840, 49.	4.5	39
47	KIC 8462852 FADED THROUGHOUT THE KEPLER MISSION. <i>Astrophysical Journal Letters</i> , 2016, 830, L39.	8.3	58
48	THE ORBIT AND MASS OF THE THIRD PLANET IN THE KEPLER-56 SYSTEM. <i>Astronomical Journal</i> , 2016, 152, 165.	4.7	58
49	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. VI. DISCOVERY OF A MASS, AGE, AND METALLICITY BENCHMARK BROWN DWARF. <i>Astrophysical Journal</i> , 2016, 831, 136.	4.5	38
50	BENCHMARK TRANSITING BROWN DWARF LHS 6343 C: SPITZER SECONDARY ECLIPSE OBSERVATIONS YIELD BRIGHTNESS TEMPERATURE AND MID-T SPECTRAL CLASS. <i>Astrophysical Journal Letters</i> , 2016, 822, L6.	8.3	8
51	TESTS OF THE PLANETARY HYPOTHESIS FOR PTF0 8-8695b. <i>Astrophysical Journal</i> , 2015, 812, 48.	4.5	52
52	DYNAMICAL MASSES OF YOUNG M DWARFS: MASSES AND ORBITAL PARAMETERS OF GJ 3305 AB, THE WIDE BINARY COMPANION TO THE IMAGED EXOPLANET HOST 51 ERI. <i>Astrophysical Journal Letters</i> , 2015, 813, L11.	8.3	63
53	CHARACTERIZING THE COOL KOIs. VII. REFINED PHYSICAL PROPERTIES OF THE TRANSITING BROWN DWARF LHS 6343 C. <i>Astrophysical Journal</i> , 2015, 800, 134.	4.5	21
54	CHARACTERIZING K2 PLANET DISCOVERIES: A SUPER-EARTH TRANSITING THE BRIGHT K DWARF HIP 116454. <i>Astrophysical Journal</i> , 2015, 800, 59.	4.5	104

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55	THE FIVE PLANETS IN THE KEPLER-296 BINARY SYSTEM ALL ORBIT THE PRIMARY: A STATISTICAL AND ANALYTICAL ANALYSIS. <i>Astrophysical Journal</i> , 2015, 809, 7.	4.5	51
56	A SYSTEMATIC SEARCH FOR TRANSITING PLANETS IN THE <i>K2</i> DATA. <i>Astrophysical Journal</i> , 2015, 806, 215.	4.5	123
57	PLANETS AROUND LOW-MASS STARS (PALMS). V. AGE-DATING LOW-MASS COMPANIONS TO MEMBERS AND INTERLOPERS OF YOUNG MOVING GROUPS. <i>Astrophysical Journal</i> , 2015, 806, 62.	4.5	27
58	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
59	CHARACTERIZING THE COOL KOIs. VIII. PARAMETERS OF THE PLANETS ORBITING <i>KEPLER</i> 'S COOLEST DWARFS. <i>Astrophysical Journal</i> , Supplement Series, 2015, 218, 26.	7.7	35
60	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
61	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. IV. THE OCCURRENCE RATE OF GIANT PLANETS AROUND M DWARFS. <i>Astrophysical Journal</i> , 2014, 781, 28.	4.5	125
62	WASP-12b AND HAT-P-8b ARE MEMBERS OF TRIPLE STAR SYSTEMS. <i>Astrophysical Journal</i> , 2014, 788, 2.	4.5	74
63	Stellar Spin-Orbit Misalignment in a Multiplanet System. <i>Science</i> , 2013, 342, 331-334.	12.6	262
64	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
65	MODEL-INDEPENDENT STELLAR AND PLANETARY MASSES FROM MULTI-TRANSITING EXOPLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2013, 762, 112.	4.5	30
66	THE TRENDS HIGH-CONTRAST IMAGING SURVEY. I. THREE BENCHMARK M DWARFS ORBITING SOLAR-TYPE STARS. <i>Astrophysical Journal</i> , 2012, 761, 39.	4.5	62
67	The GALAH survey: A census of lithium-rich giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	22