

Emily C Martin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

667
citations

933447

10
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Searching for exoplanets using a microresonator astrocomb. <i>Nature Photonics</i> , 2019, 13, 25-30.	31.4	194
2	The Field Substellar Mass Function Based on the Full-sky 20 pc Census of 525 L, T, and Y Dwarfs. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 7.	7.7	87
3	Preliminary Trigonometric Parallaxes of 184 Late-T and Y Dwarfs and an Analysis of the Field Substellar Mass Function into the “Planetary” Mass Regime. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 19.	7.7	83
4	THE ALLWISE MOTION SURVEY, PART 2. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 36.	7.7	70
5	Surface Gravities for 228 M, L, and T Dwarfs in the NIRSPEC Brown Dwarf Spectroscopic Survey. <i>Astrophysical Journal</i> , 2017, 838, 73.	4.5	44
6	Detection and Bulk Properties of the HR 8799 Planets with High-resolution Spectroscopy. <i>Astronomical Journal</i> , 2021, 162, 148.	4.7	39
7	An overview of the NIRSPEC upgrade for the Keck II telescope. , 2018, , .		37
8	Y Dwarf Trigonometric Parallaxes from the Spitzer Space Telescope. <i>Astrophysical Journal</i> , 2018, 867, 109.	4.5	25
9	Prospects for Characterizing the Hazyest Sub-Neptune Exoplanets with High-resolution Spectroscopy. <i>Astronomical Journal</i> , 2020, 160, 198.	4.7	25
10	First Comet Observations with NIRSPEC-2 at Keck: Outgassing Sources of Parent Volatiles and Abundances Based on Alternative Taxonomic Compositional Baselines in 46P/Wirtanen. <i>Planetary Science Journal</i> , 2021, 2, 45.	3.6	22
11	Ionized Gas Motions and the Structure of Feedback near a Forming Globular Cluster in NGC 5253. <i>Astrophysical Journal</i> , 2018, 860, 47.	4.5	13
12	Transmission Spectroscopy of the Earth-Sun System to Inform the Search for Extrasolar Life. <i>Planetary Science Journal</i> , 2021, 2, 140.	3.6	8
13	Characterization and performance of the upgraded NIRSPEC on the W. M. Keck Telescope. , 2020, , .		7
14	Performance modeling of an upgraded NIRSPEC on Keck. <i>Proceedings of SPIE</i> , 2014, , .	0.8	5
15	Optical design of the slit-viewing camera for the NIRSPEC upgrade. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
16	Probing Late-type T Dwarf J Color Outliers for Signs of Age. <i>Astrophysical Journal</i> , 2018, 867, 96.	4.5	3
17	The Planet as Exoplanet Analog Spectrograph (PEAS): design and first-light. , 2020, , .		1
18	Optical design of a red-sensitive spectrograph. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0