

# 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	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
2	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
3	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
4	Detection and Bulk Properties of the HR 8799 Planets with High-resolution Spectroscopy. <i>Astronomical Journal</i> , 2021, 162, 148.	4.7	39
5	Prospects for Characterizing the Hazy Sub-Neptune Exoplanets with High-resolution Spectroscopy. <i>Astronomical Journal</i> , 2020, 160, 198.	4.7	25
6	The Planet as Exoplanet Analog Spectrograph (PEAS): design and first-light. , 2020, , .		1
7	Characterization and performance of the upgraded NIRSPEC on the W. M. Keck Telescope. , 2020, , .		7
8	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
9	Searching for exoplanets using a microresonator astrocomb. <i>Nature Photonics</i> , 2019, 13, 25-30.	31.4	194
10	Probing Late-type T Dwarf J <sub>A</sub> Color Outliers for Signs of Age <sup>*</sup> . <i>Astrophysical Journal</i> , 2018, 867, 96.	4.5	3
11	Y Dwarf Trigonometric Parallaxes from the Spitzer Space Telescope. <i>Astrophysical Journal</i> , 2018, 867, 109.	4.5	25
12	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
13	An overview of the NIRSPEC upgrade for the Keck II telescope. , 2018, , .		37
14	Surface Gravities for 228 M, L, and T Dwarfs in the NIRSPEC Brown Dwarf Spectroscopic Survey <sup>†</sup> . <i>Astrophysical Journal</i> , 2017, 838, 73.	4.5	44
15	Optical design of the slit-viewing camera for the NIRSPEC upgrade. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
16	THE ALLWISE MOTION SURVEY, PART 2. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 36.	7.7	70
17	Performance modeling of an upgraded NIRSPEC on Keck. <i>Proceedings of SPIE</i> , 2014, , .	0.8	5
18	Optical design of a red-sensitive spectrograph. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0