

Aomawa L Shields

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

719
citations

840776

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1199594

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all docs

13
docs citations

13
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	The habitability of planets orbiting M-dwarf stars. <i>Physics Reports</i> , 2016, 663, 1-38.	25.6	216
2	The Effect of Host Star Spectral Energy Distribution and Ice-Albedo Feedback on the Climate of Extrasolar Planets. <i>Astrobiology</i> , 2013, 13, 715-739.	3.0	134
3	Constraints on Climate and Habitability for Earth-like Exoplanets Determined from a General Circulation Model. <i>Astrophysical Journal</i> , 2017, 837, 107.	4.5	98
4	SPECTRUM-DRIVEN PLANETARY DEGLACIATION DUE TO INCREASES IN STELLAR LUMINOSITY. <i>Astrophysical Journal Letters</i> , 2014, 785, L9.	8.3	72
5	The Effect of Orbital Configuration on the Possible Climates and Habitability of Kepler-62f. <i>Astrobiology</i> , 2016, 16, 443-464.	3.0	56
6	ROTATIONAL VARIABILITY OF EARTH'S POLAR REGIONS: IMPLICATIONS FOR DETECTING SNOWBALL PLANETS. <i>Astrophysical Journal</i> , 2011, 731, 76.	4.5	50
7	The Climates of Other Worlds: A Review of the Emerging Field of Exoplanet Climatology. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 30.	7.7	27
8	Habitability and Water Loss Limits on Eccentric Planets Orbiting Main-sequence Stars. <i>Astrophysical Journal</i> , 2020, 890, 30.	4.5	19
9	Hydrohalite Salt-albedo Feedback Could Cool M-dwarf Planets. <i>Astrophysical Journal</i> , 2018, 867, 11.	4.5	16
10	The Effect of Land Albedo on the Climate of Land-dominated Planets in the TRAPPIST-1 System. <i>Astrophysical Journal</i> , 2020, 904, 124.	4.5	12
11	The Effect of Land Fraction and Host Star Spectral Energy Distribution on the Planetary Albedo of Terrestrial Worlds. <i>Astrophysical Journal</i> , 2019, 887, 29.	4.5	12
12	Energy Budgets for Terrestrial Extrasolar Planets. <i>Astrophysical Journal Letters</i> , 2019, 884, L2.	8.3	5
13	The Spitzer Bibliography Database: bibliographic statistics. , 2010, , .		2