

Xinting Yu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

349
citations

933447

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h-index

940533

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17
all docs

17
docs citations

17
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cross-laboratory Comparison Study of Titan Haze Analogs: Surface Energy. Planetary Science Journal, 2022, 3, 2.	3.6	6
2	Microphysics of Water Clouds in the Atmospheres of Y Dwarfs and Temperate Giant Planets. Astrophysical Journal, 2022, 927, 184.	4.5	8
3	Titan's Prevailing Circulation Might Drive Highly Intermittent, Yet Significant Sediment Transport. Geophysical Research Letters, 2022, 49, .	4.0	12
4	How to Identify Exoplanet Surfaces Using Atmospheric Trace Species in Hydrogen-dominated Atmospheres. Astrophysical Journal, 2021, 914, 38.	4.5	30
5	Haze evolution in temperate exoplanet atmospheres through surface energy measurements. Nature Astronomy, 2021, 5, 822-831.	10.1	27
6	Single particle triboelectrification of Titan sand analogs. Earth and Planetary Science Letters, 2020, 530, 115996.	4.4	7
7	Sulfur-driven haze formation in warm CO ₂ -rich exoplanet atmospheres. Nature Astronomy, 2020, 4, 986-993.	10.1	33
8	Surface Energy of the Titan Aerosol Analog "Tholin". Astrophysical Journal, 2020, 905, 88.	4.5	22
9	Haze Formation in Warm H ₂ -rich Exoplanet Atmospheres. Planetary Science Journal, 2020, 1, 51.	3.6	34
10	Experimental Investigation of the Acetylene-Benzene Cocystal on Titan. Planetary Science Journal, 2020, 1, 76.	3.6	9
11	Laboratory Simulations of Haze Formation in the Atmospheres of Super-Earths and Mini-Neptunes: Particle Color and Size Distribution. Astrophysical Journal Letters, 2018, 856, L3.	8.3	48
12	Photochemical Haze Formation in the Atmospheres of Super-Earths and Mini-Neptunes. Astronomical Journal, 2018, 156, 38.	4.7	59
13	Where Does Titan Sand Come From: Insight From Mechanical Properties of Titan Sand Candidates. Journal of Geophysical Research E: Planets, 2018, 123, 2310-2321.	3.6	18
14	The effect of adsorbed liquid and material density on saltation threshold: Insight from laboratory and wind tunnel experiments. Icarus, 2017, 297, 97-109.	2.5	10
15	Direct Measurement of Interparticle Forces of Titan Aerosol Analogs ("Tholin") Using Atomic Force Microscopy. Journal of Geophysical Research E: Planets, 2017, 122, 2610-2622.	3.6	19
16	HOMOLOGOUS CYCLONES IN THE QUIET SUN. Astrophysical Journal Letters, 2014, 782, L15.	8.3	6