

Xinting Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5974547/publications.pdf>

Version: 2024-02-01

16
papers

349
citations

933447

10
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

402
citing authors

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