

Mohit Melwani Daswani

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

254
citations

1163117

8
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Petrography, mineral chemistry, and crystallization history of olivine-phyric shergottite NWA 6234: A new melt composition. <i>Meteoritics and Planetary Science</i> , 2013, 48, 854-871.	1.6	61
2	A Metamorphic Origin for Europa's Ocean. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094143.	4.0	41
3	Tidally Induced Magmatic Pulses on the Oceanic Floor of Jupiter's Moon Europa. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090077.	4.0	36
4	Serpentinite and the search for life beyond Earth. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20180421.	3.4	29
5	Alteration minerals, fluids, and gases on early Mars: Predictions from 1D flow geochemical modeling of mineral assemblages in meteorite <sc>ALH</sc> 84001. <i>Meteoritics and Planetary Science</i> , 2016, 51, 2154-2174.	1.6	28
6	Exploration of Icy Ocean Worlds Using Geophysical Approaches. <i>Planetary Science Journal</i> , 2021, 2, 150.	3.6	14
7	Geochemistry constrains global hydrology on Early Mars. <i>Earth and Planetary Science Letters</i> , 2019, 524, 115718.	4.4	13
8	Paleohydrology on Mars constrained by mass balance and mineralogy of pre-Amazonian sodium chloride lakes. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 1802-1823.	3.6	8
9	Porosity-filling Metamorphic Brines Explain Ceres's Low Mantle Density. <i>Planetary Science Journal</i> , 2022, 3, 21.	3.6	8
10	A Proposed Geobiology-Driven Nomenclature for Astrobiological <i>In Situ</i> Observations and Sample Analyses. <i>Astrobiology</i> , 2021, 21, 954-967.	3.0	6
11	Mid-infrared reflectance spectroscopy of carbonaceous chondrites and Calcium-Aluminum-rich inclusions. <i>Planetary and Space Science</i> , 2020, 193, 105078.	1.7	4
12	Science Drivers for the Future Exploration of Ceres: From Solar System Evolution to Ocean World Science. <i>Planetary Science Journal</i> , 2022, 3, 64.	3.6	4
13	CHLORIDE DEPOSITS ON MARS: CHLORINE FROM THE SKY, OR CHLORINE FROM THE ROCKS?. , 2016, , .		0