

# Mohit Melwani Daswani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4603187/publications.pdf>

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