Indhu Varatharajan

List of Publications by Year
in descending order

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12 papers	181 citations	1478505 6 h-index	1720034 7 g-index
20 all docs	20 docs citations	20 times ranked	322 citing authors

#	Article	IF	Citations
1	Geological characterization of Chandrayaan-2 landing site in the southern high latitudes of the Moon. Icarus, 2020, 337, 113449.	2.5	3
2	Studying the Composition and Mineralogy of the Hermean Surface with the Mercury Radiometer and Thermal Infrared Spectrometer (MERTIS) for the BepiColombo Mission: An Update. Space Science Reviews, 2020, 216, 1.	8.1	38
3	Spectral Properties and Physical Extent of Pyroclastic Deposits on Mercury: Variability Within Selected Deposits and Implications for Explosive Volcanism. Journal of Geophysical Research E: Planets, 2020, 125, e2018JE005879.	3.6	19
4	Rationale for BepiColombo Studies of Mercuryâ€™s Surface and Composition. Space Science Reviews, 2020, 216, 1.	8.1	46
5	Spectral behavior of sulfides in simulated daytime surface conditions of Mercury: Supporting past (MESSENGER) and future missions (BepiColombo). Earth and Planetary Science Letters, 2019, 520, 127-140.	4.4	19
6	The mercury radiometer and thermal infrared imaging spectrometer (MERTIS) onboard Bepi Colombo: first inflight calibration results. , 2019, , .		1
7	The operations plan for the MErcury Radiometer and Thermal infrared Imaging Spectrometer (MERTIS) on its way to Mercury. , 2018, , .		3
8	The Planetary Spectroscopy Laboratory (PSL): wide spectral range, wider sample temperature range. , 2018, , .		5
9	Data processing of the Mercury radiometer and thermal infrared imaging spectrometer (MERTIS) onboard Bepi Colombo. , 2018, , .		3
10	Cryptomare and Its Mineralogy. , 2017, , 1-9.		0
11	Geomorphology of Lowell crater region on the Moon. Icarus, 2016, 266, 44-56.	2.5	10
12	Mineralogy of young lunar mare basalts: Assessment of temporal and spatial heterogeneity using M3 data from Chandrayaan-1. Icarus, 2014, 236, 56-71.	2.5	33