

Satadru Bhattacharya

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Combined use of band shape algorithm, linear spectral un-mixing on Clementine & Moon Mineralogy Mapper data for identifying the imprints of magmatic differentiation – A study around Aristarchus Plateau. <i>Advances in Space Research</i> , 2022, 69, 3164-3181.	2.6	0
2	Automated Large-Scale Mapping of the Jahazpur Mineralised Belt by a MapReduce Model with an Integrated ELM Method. <i>PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science</i> , 2022, 90, 191-209.	1.1	3
3	Authigenic Green Mica in Interflow Horizons within Late Cretaceous Deccan Volcanic Province, India and Its Genetic Implications. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 198.	2.0	3
4	Terrestrial Martian Analog Heritage of Kachchh Basin, Western India. <i>Geoheritage</i> , 2022, 14, 1.	2.8	12
5	Geological insights into lunar floor-fractured crater Atlas. <i>Icarus</i> , 2021, 360, 114374.	2.5	4
6	Mineralogical and Textural Characteristics of Red Boles of Western Deccan Volcanic Province, India: Genetic and Paleoenvironmental Implications. <i>Society of Earth Scientists Series</i> , 2021, , 697-722.	0.3	2
7	Origin of Indus ophiolite-hosted ophicarbonates veins: Isotopic evidence of mixing between seawater and continental crust-derived fluid during Neo-Tethys closure. <i>Chemical Geology</i> , 2020, 551, 119772.	3.3	9
8	Alternating direction method-based endmember extraction for a distributed fraction cover mapping of mineralogy at Jahazpur, India. <i>Journal of Applied Remote Sensing</i> , 2020, 14, .	1.3	2
9	Potential of Airborne Hyperspectral Data for Geo-Exploration over Parts of Different Geological/Metallogenic Provinces in India based on AVIRIS-NG Observations. <i>Current Science</i> , 2019, 116, 1143.	0.8	19
10	Modelling basalt weathering at elevated CO ₂ concentrations: implications for terminal to post-magmatic rifting in the Deccan Traps, Kachchh, India. <i>Geological Society Special Publication</i> , 2018, 463, 227-241.	1.3	1
11	Spectral and chemical characterization of gypsum-phylosilicate association in Tiruchirapalli, South India, and its implications. <i>Geological Journal</i> , 2018, 53, 1685-1697.	1.3	5
12	Remote spectral-compositional analysis of basalt mineralogy at Hansteen-Billy, Moon. <i>Meteoritics and Planetary Science</i> , 2018, 53, 2583-2595.	1.6	10
13	Astrobiological implications of dim light phototrophy in deep-sea red clays. <i>Life Sciences in Space Research</i> , 2017, 12, 39-50.	2.3	3
14	Alteration and submergence of basalts in Kachchh, Gujarat, India: implications for the role of the Deccan Traps in the India-Seychelles break-up. <i>Geological Society Special Publication</i> , 2017, 445, 47-67.	1.3	3
15	Spectral unmixing with hyperspectral datasets of AVIRIS-NG. , 2017, , .		0
16	Jarosite occurrence in the Deccan Volcanic Province of Kachchh, western India: Spectroscopic studies on a Martian analog locality. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 402-431.	3.6	22
17	Detection of hydroxyl-bearing exposures of possible magmatic origin on the central peak of crater Theophilus using Chandrayaan-1 Moon Mineralogy Mapper (M3) data. <i>Icarus</i> , 2015, 260, 167-173.	2.5	5
18	Mineralogy of Mare Serenitatis on the near side of the Moon based on Chandrayaan-1 Moon Mineralogy Mapper (M3) observations. <i>Icarus</i> , 2013, 222, 137-148.	2.5	28

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19	Synergistic Application of Optical and Radar Data for Archaeological Exploration in the Talakadu Region, Karnataka. Journal of the Indian Society of Remote Sensing, 2011, 39, 519-527.	2.4	2
20	Lithological mapping of central part of Mare Moscoviense using Chandrayaan-1 Hyperspectral Imager (HySI) data. Icarus, 2011, 212, 470-479.	2.5	14
21	Generation of DEMs over A Part of Antarctica Using Altimetry Data and their Implications. Geocarto International, 2006, 21, 27-32.	3.5	15