

Saumitra Mukherjee

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

773
citations

623188

14
h-index

525886

27
g-index

38
all docs

38
docs citations

38
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Drainage network extraction and morphometric analysis in an Iranian basin using integrating factor analysis and geospatial techniques. <i>Geocarto International</i> , 2022, 37, 896-925.	1.7	10
2	Investigation of mineral assemblages in a newly identified endorheic playa near Huygens basin on Mars and their astrobiological implications. <i>Icarus</i> , 2022, 372, 114757.	1.1	3
3	Astrobiological Potential of Fe/Mg Smectites with Special Emphasis on Jezero Crater, Mars 2020 Landing Site. <i>Astrobiology</i> , 2022, , .	1.5	1
4	Evaluation of the landslide susceptibility and its spatial difference in the whole Qinghai-Tibetan Plateau region by five learning algorithms. <i>Geoscience Letters</i> , 2022, 9, .	1.3	16
5	â€Multivariate statistical analysis of relationship between tectonic activity and drainage behavior in Qorveh-Dehgolan basin Kurdistan, Iranâ€™. <i>Geocarto International</i> , 2021, 36, 540-562.	1.7	7
6	Influence of structural lineaments on drainage morphometry in Qorveh-Dehgolan basin, Kurdistan, Iran. <i>Geocarto International</i> , 2020, 35, 1722-1749.	1.7	6
7	Chemical signature detection of groundwater and geothermal waters for evidence of crustal deformation along fault zones. <i>Journal of Hydrology</i> , 2020, 582, 124459.	2.3	19
8	Morphological and morphometric analysis of a topographic depression near Huygens basin, Mars: Identification of a putative endorheic playa. <i>Geomorphology</i> , 2020, 351, 106912.	1.1	9
9	Comparative Analysis of Pixel and Object Based Classification Approach for Rapid Landslide Delineation with the Aid of Open Source Tools in Garhwal Himalaya. <i>Journal of the Geological Society of India</i> , 2020, 96, 65-72.	0.5	5
10	Assessment of rainwater harvesting sites in a part of North-West Delhi, India using geomatic tools. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	7
11	Hydrochemistry in integration with stable isotopes ($\delta^{18}O$ and δ^2D) to assess seawater intrusion in coastal aquifers of Kachchh district, Gujarat, India. <i>Journal of Geochemical Exploration</i> , 2019, 196, 42-56.	1.5	74
12	Geochemical Characterization and Controlling Factors of Chemical Composition of Spring Water in a Part of Eastern Himalaya. <i>Journal of the Geological Society of India</i> , 2018, 92, 753-763.	0.5	15
13	Hydrogeochemical processes controlling fluoride enrichment within alluvial and hard rock aquifers in a part of a semi-arid region of Northern India. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	10
14	Flood frequency analysis of Ganga river at Haridwar and Garhmukteshwar. <i>Applied Water Science</i> , 2017, 7, 1979-1986.	2.8	40
15	Land degradation analysis of mine-impacted zone of Kolubara in Serbia. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	14
16	Influence of changes in watershed landuse pattern on the wetland of Sultanpur National Park, Haryana using remote sensing techniques and hydrochemical analysis. <i>Remote Sensing Applications: Society and Environment</i> , 2017, 7, 84-92.	0.8	10
17	Tectonic and Manmade Changes in Hydrological System. <i>International Journal of Hydrology</i> , 2017, 1, .	0.2	1
18	Hydrogeochemistry and Groundwater Quality Evaluation in a Part of Ratnagiri District Maharashtra. <i>Indian Journal of Forestry</i> , 2017, 40, 337-352.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Identification of tectonic deformations on the south polar surface of the moon. Planetary and Space Science, 2015, 112, 46-52.	0.9	1
20	Assessment of hydrogeochemistry and the quality of groundwater in 24-Parganas districts, West Bengal. Environmental Earth Sciences, 2015, 73, 375-386.	1.3	21
21	Removal of arsenic from groundwater in West Bengal, India using CuO nanoparticle adsorbent. Environmental Earth Sciences, 2015, 73, 3593-3601.	1.3	15
22	Application of m - χ Decomposition Technique on Mini-SAR Data to Understand Crater and Ejecta Morphology. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 73-76.	1.4	5
23	Aqueous geochemistry of fluoride enriched groundwater in arid part of Western India. Environmental Science and Pollution Research, 2015, 22, 2668-2678.	2.7	58
24	Climate changes instead of global warming. Thermal Science, 2014, 18, 1055-1061.	0.5	3
25	Determining the genetic origin of nitrate contamination in aquifers of Northern Gujarat, India. Environmental Earth Sciences, 2014, 71, 1711-1719.	1.3	20
26	Hydrogeological processes controlling the release of arsenic in parts of 24 Parganas district, West Bengal. Environmental Earth Sciences, 2014, 72, 111-118.	1.3	16
27	Fluoride enrichment in aquifers of the Thar Desert: controlling factors and its geochemical modelling. Hydrological Processes, 2013, 27, 2462-2474.	1.1	57
28	Characterization and evaluation of processes governing the groundwater quality in parts of the Sabarmati basin, Gujarat using hydrochemistry integrated with GIS. Hydrological Processes, 2012, 26, 1538-1551.	1.1	55
29	Identification of erosional and inundation hazard zones in Kenâ€“Betwa river linking area, India, using remote sensing and GIS. Environmental Monitoring and Assessment, 2011, 182, 341-360.	1.3	16
30	Integrating multivariate statistical analysis with GIS for geochemical assessment of groundwater quality in Shiwaliks of Punjab, India. Environmental Earth Sciences, 2011, 62, 1387-1405.	1.3	95
31	Identification and analysis of groundwater potential zones in Kenâ€“Betwa river linking area using remote sensing and geographic information system. Geocarto International, 2010, 25, 379-396.	1.7	63
32	Cosmic Influence on the Sun-Earth Environment. Sensors, 2008, 8, 7736-7752.	2.1	11
33	Application of remote sensing technology for land use/land cover change analysis. Journal of the Indian Society of Remote Sensing, 1999, 27, 123-128.	1.2	82
34	Assessing the key drivers of stream network configuration dynamics for tectonically active drainage basins using multitemporal satellite imagery and statistical analyses. Geocarto International, 0, , 1-32.	1.7	1
35	Monitoring change in land use and land cover in Rupnagar district of Punjab, India using Landsat and IRS LISS III satellite data. Ecological Questions, 0, 13, 73.	0.1	7