Debajyoti Paul

List of Publications by Year
in descending order

38 papers	1,437 citations	430874 18 h-index	315739 38 g-index
38 all docs	38 docs citations	38 times ranked	1999 citing authors

#	Article	IF	Citations
1	Insights into sources and atmospheric processing at two polluted urban locations in the Indo-Gangetic plains from stable carbon and nitrogen isotope ratios and polycyclic aromatic hydrocarbons in ambient PM2.5. Atmospheric Environment, 2022, 271, 118904.	4.1	7
2	Mineralogical, geochemical, and magnetic susceptibility variations in the loess-paleosol sequence from Pattan, Kashmir Valley, India record an enhanced Indian summer monsoon around 35 ka. Quaternary International, 2022, 616, 55-66.	1.5	3
3	Petrography and geochemistry of carbonatite breccia from Amba Dongar carbonatite complex, Gujarat in the Deccan Large Igneous Province suggest mantle origin. Journal of Earth System Science, 2022, 131, 1.	1.3	2
4	Variabilities of Î´13C and carbonaceous components in ambient PM2.5 in Northeast India: Insights into sources and atmospheric processes. Environmental Research, 2022, 214, 113801.	7.5	9
5	Rhyolites in continental mafic Large Igneous Provinces: Petrology, geochemistry and petrogenesis. Geoscience Frontiers, 2021, 12, 53-80.	8.4	18
6	Absorption and radiative characteristics of brown carbon aerosols during crop residue burning in the source region of Indo-Gangetic Plain. Atmospheric Research, 2021, 249, 105285.	4.1	19
7	Geochemistry of Holocene sediments from Chilika Lagoon, India: inferences on the sources of organic matter and variability of the Indian summer monsoon. Quaternary International, 2021, 599-600, 148-157.	1.5	19
8	Evolution of a crustal-scale silicic to intermediate tectono-magmatic system: The ~2600â€“2300ÂMa Bundelkhand granitoid, India. Precambrian Research, 2021, 352, 105951.	2.7	3
9	Understanding the origin of carbonaceous aerosols during periods of extensive biomass burning in northern India. Environmental Pollution, 2021, 270, 116082.	7.5	25
10	Chemical characterization and stable nitrogen isotope composition of nitrogenous component of ambient aerosols from Kanpur in the Indo-Gangetic Plains. Science of the Total Environment, 2021, 763, 143032.	8.0	16
11	Major-trace element and Sr-Nd isotope compositions of mafic dykes of the Singhbhum Craton: Insights into evolution of the lithospheric mantle. Lithos, 2021, 382-383, 105959.	1.4	7
12	Constraining the timing and deposition pattern of loess-palaeosol sequences in Kashmir Valley, Western Himalaya: Implications to paleoenvironment studies. Aeolian Research, 2021, 49, 100660.	2.7	7
13	Major and Trace Element Characteristics of the Average Indian Post-Archean Shale: Implications for Provenance, Weathering, and Depositional Environment. ACS Earth and Space Chemistry, 2021, 5, 1114-1129.	2.7	12
14	Paleoenvironmental, paleovegetational, and paleoclimatic changes during Paleogene lignite formation in Rajasthan, India. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	1
15	Investigation of size distribution and mass characteristics of ambient aerosols and their combustion sources during post-monsoon in northern India. Atmospheric Pollution Research, 2020, 11, 170-178.	3.8	22
16	Constraints on Archean crust formation from open system models of Earth evolution. Chemical Geology, 2019, 530, 119307.	3.3	7
17	The Origin of Carbonatites from Amba Dongar within the Deccan Large Igneous Province. Journal of Petrology, 2019, 60, 1119-1134.	2.8	18
18	Sources of organic matter in Chilika lagoon, India inferred from stable C and N isotopic compositions of particulates and sediments. Journal of Marine Systems, 2019, 194, 81-90.	2.1	29

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19	Late Holocene aridification recorded in the stable carbon and nitrogen isotope composition of soils from Nainital, Lesser Himalaya. Quaternary International, 2018, 467, 195-203.	1.5	14
20	Sorption and recovery of platinum from simulated spent catalyst solution and refinery wastewater using chemically modified biomass as a novel sorbent. Environmental Science and Pollution Research, 2018, 25, 10911-10925.	5.3	25
21	Isotherms, kinetics and thermodynamics of hexavalent chromium removal using biochar. Journal of Environmental Chemical Engineering, 2018, 6, 2335-2343.	6.7	114
22	Origin of the Amba Dongar carbonatite complex, India and its possible linkage with the Deccan Large Igneous Province. Geological Society Special Publication, 2018, 463, 137-169.	1.3	27
23	Sr and Nd isotope compositions of alluvial sediments from the Ganga Basin and their use as potential proxies for source identification and apportionment. Chemical Geology, 2018, 476, 327-339.	3.3	34
24	Wintertime study on bulk composition and stable carbon isotope analysis of ambient aerosols from North India. Journal of Aerosol Science, 2018, 126, 231-241.	3.8	11
25	Link between climate and catchment erosion in the Himalaya during the late Quaternary. Chemical Geology, 2018, 501, 68-76.	3.3	10
26	Recovery of palladium from secondary waste using soluble tannins cross-linkedLagerstroemia speciosaleaves powder. Journal of Chemical Technology and Biotechnology, 2017, 92, 1667-1677.	3.2	30
27	Counter-intuitive influence of Himalayan river morphodynamics on Indus Civilisation urban settlements. Nature Communications, 2017, 8, 1617.	12.8	82
28	Photocatalytic reduction of organic pollutant under visible light by green route synthesized gold nanoparticles. Journal of Environmental Sciences, 2017, 55, 236-246.	6.1	86
29	Removal of hexavalent chromium upon interaction with biochar under acidic conditions: mechanistic insights and application. Environmental Science and Pollution Research, 2017, 24, 16786-16797.	5.3	105
30	Reply to the comment on â€œGeochemistry of buried river sediments from Ghaggar Plains, NW India: Multi-proxy records of variations in provenance, paleoclimate, and paleovegetation patterns in the Late Quaternaryâ€•by Singh et al. (2016), Palaeogeography, Palaeoclimatology, Palaeoecology 449 (2016) 85â€“100. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 455, 68-70.	2.3	3
31	Open system models of isotopic evolution in Earthâ€™s silicate reservoirs: Implications for crustal growth and mantle heterogeneity. Geochimica Et Cosmochimica Acta, 2016, 195, 142-157.	3.9	23
32	Geochemistry of buried river sediments from Ghaggar Plains, NW India: Multi-proxy records of variations in provenance, paleoclimate, and paleovegetation patterns in the Late Quaternary. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 449, 85-100.	2.3	47
33	Spatial distribution and the extent of heavy metal and hexavalent chromium pollution in agricultural soils from Jajmau, India. Environmental Earth Sciences, 2015, 73, 3565-3577.	2.7	41
34	Implications for Late Holocene climate from stable carbon and oxygen isotopic variability in soil and land snail shells from archaeological site 41KM69 in Texas, USA. Quaternary International, 2013, 308-309, 242-252.	1.5	8
35	Assessment of carbonate-phosphoric acid analytical technique performed using GasBench II in continuous flow isotope ratio mass spectrometry. International Journal of Mass Spectrometry, 2007, 262, 180-186.	1.5	75
36	Normalization of measured stable isotopic compositions to isotope reference scales â€“ a review. Rapid Communications in Mass Spectrometry, 2007, 21, 3006-3014.	1.5	394

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37	Î´13C analyses of calcium carbonate: comparison between the GasBench and elemental analyzer techniques. Rapid Communications in Mass Spectrometry, 2006, 20, 2915-2920.	1.5	62
38	Modelling the isotopic evolution of the Earth. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2002, 360, 2433-2474.	3.4	22