Santosh K Rai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2811202/publications.pdf

Version: 2024-02-01

21	507	1163117 8	713466 21
papers	citations	h-index	g-index

21	21	21	717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical weathering and Sr flux from the silicate lithology dominated fluvial system: Insights from major ions, dissolved Sr and 87Sr/86Sr of the Teesta headwaters, Sikkim Himalaya. Applied Geochemistry, 2022, 137, 105171.	3.0	3
2	The Role of Sulfuric Acid in Continental Weathering: Insights From Dissolved Major Ions and Inorganic Carbon Isotopes of the Teesta River, Lower Brahmaputra System. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009324.	2.5	7
3	High-altitude meteorology of Indian Himalayan Region: complexities, effects, and resolutions. Environmental Monitoring and Assessment, 2021, 193, 654.	2.7	8
4	Paleomonsoonal shifts during â¼13700 to 3100â€¯yr BP in the central Ganga Basin, India with a severe arid phase at â¼4.2 ka. Quaternary International, 2021, , .	1.5	2
5	Assessment of water recharge source of geothermal systems in Garhwal Himalaya (India). Arabian Journal of Geosciences, 2021, 14, 1.	1.3	4
6	Response of shallow-sea benthic foraminifera to environmental changes off the coast of Goa, eastern Arabian Sea, during the last â¼6100 cal yr BP. Geological Magazine, 2020, 157, 497-505.	1.5	6
7	Changes in Deepâ€Sea Oxygenation in the Northeast Pacific Ocean During 32â€“10Âka. Geophysical Research Letters, 2020, 47, e2019GL086613.	4.0	6
8	Geochemical and Isotopic Composition of Gypsum Deposits from Sahastradhara Region of Lesser Himalaya, India. Journal of the Geological Society of India, 2020, 95, 205-211.	1.1	2
9	An experimental approach to estimate groundwater temperature from 18O fractionation. Groundwater for Sustainable Development, 2019, 9, 100257.	4.6	2
10	Estimation of groundwater temperature from 18O fractionation - A deterministic analytical model. Groundwater for Sustainable Development, 2019, 9, 100234.	4.6	3
11	Quantification of source contributions to the water budgets of the Ganga (Hooghly) River estuary, India. Marine Chemistry, 2018, 207, 42-54.	2.3	9
12	Stable isotopes (Î´ 13 C DIC , ÎD, Î´ 18 O) and geochemical characteristics of geothermal springs of Ladakh and Himachal (India): Evidence for CO 2 discharge in northwest Himalaya. Geothermics, 2016, 64, 314-330.	3.4	37
13	Metamorphic P â€“ T conditions and CO 2 influx history of medium-grade metapelites from Karakorum, Trans-Himalaya, India. Journal of Asian Earth Sciences, 2016, 124, 126-138.	2.3	6
14	Petrology of blueschist from the Western Himalaya (Ladakh, NW India): Exploring the complex behavior of a lawsonite-bearing system in a paleo-accretionary setting. Lithos, 2016, 252-253, 41-56.	1.4	40
15	Stable (Î´13C and Î´15N) isotopes and magnetic susceptibility record of late Holocene climate change from a lake profile of the northeast Himalaya. Journal of the Geological Society of India, 2015, 86, 696-705.	1.1	45
16	A Laser Based Fluorination (BrF5) System for the Extraction of Oxygen (O2) from Silicate Rocks of Himalaya and Î´18O Measurements: Method Establishment and Implications. Mapan - Journal of Metrology Society of India, 2015, 30, 221-230.	1.5	2
17	Dissolved inorganic carbon (DIC) and its Î´13C in the Ganga (Hooghly) River estuary, India: Evidence of DIC generation via organic carbon degradation and carbonate dissolution. Geochimica Et Cosmochimica Acta, 2015, 165, 226-248.	3.9	88
18	Fluid inclusion study of the Higher Himalayan quartzitic pelites, Garhwal Himalaya, India: Implications for recrystallization history of metasediments. Journal of the Geological Society of India, 2013, 82, 509-518.	1.1	1

#	Article	IF	Citations
19	Chemical weathering in the plain and peninsular sub-basins of the Ganga: Impact on major ion chemistry and elemental fluxes. Geochimica Et Cosmochimica Acta, 2010, 74, 2340-2355.	3.9	61
20	Sr and Nd isotopes in river sediments from the Ganga Basin: Sediment provenance and spatial variability in physical erosion. Journal of Geophysical Research, 2008, 113, .	3.3	143
21	Temporal variation in Sr and ⁸⁷Sr/⁸⁶Sr of the Brahmaputra: Implications for annual fluxes and tracking flash floods through chemical and isotope composition. Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	32