

Amit Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,111
citations

393982

19
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	Decadal Response of Dokriani Glacier using High-resolution Hydrological Data, Indian Himalaya. Journal of the Geological Society of India, 2022, 98, 62-68.	0.5	3
2	Characteristics of surge-type tributary glaciers, Karakoram. Geomorphology, 2022, 403, 108161.	1.1	8
3	Potential seismic precursors and surficial dynamics of a deadly Himalayan disaster: an early warning approach. Scientific Reports, 2022, 12, 3733.	1.6	16
4	Evaluation of Ground Water Quality by Use of Water Quality Index in the Vicinity of the Rajaji National Park Haridwar, Uttarakhand, India. Springer Hydrogeology, 2021, , 343-356.	0.1	3
5	A Perspective on Rishiganga-Dhauliganga Flash Flood in the Nanda Devi Biosphere Reserve, Garhwal Himalaya, India. Journal of the Geological Society of India, 2021, 97, 335-338.	0.5	31
6	A massive rock and ice avalanche caused the 2021 disaster at Chamoli, Indian Himalaya. Science, 2021, 373, 300-306.	6.0	304
7	Time series analysis of hydrometeorological data for the characterization of meltwater storage in glaciers of Garhwal Himalaya. , 2021, , 373-388.		4
8	Glacier Sediment Dynamics, Flux and Facies: A Perspective From the Indian Himalaya. , 2021, , .		0
9	Assessment of water recharge source of geothermal systems in Garhwal Himalaya (India). Arabian Journal of Geosciences, 2021, 14, 1.	0.6	4
10	Determination of water quality of Ganga River System in Himalayan region, referencing indexing techniques. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	42
11	The hazardous 2017â€“2019 surge and river damming by Shispare Glacier, Karakoram. Scientific Reports, 2020, 10, 4685.	1.6	43
12	Topographic and climatic influence on seasonal snow cover: Implications for the hydrology of ungauged Himalayan basins, India. Journal of Hydrology, 2020, 585, 124716.	2.3	29
13	Water Quality and Planktonic Composition of River Henwal (India) Using Comprehensive Pollution Index and Biotic-Indices. , 2020, 5, 541-553.		36
14	Ice-dams, outburst floods, and movement heterogeneity of glaciers, Karakoram. Global and Planetary Change, 2019, 180, 100-116.	1.6	50
15	Evolution of debris flow and moraine failure in the Gangotri Glacier region, Garhwal Himalaya: Hydro-geomorphological aspects. Geomorphology, 2019, 333, 152-166.	1.1	38
16	Hydrometeorological assessments and suspended sediment delivery from a central Himalayan glacier in the upper Ganga basin. International Journal of Sediment Research, 2018, 33, 493-509.	1.8	29
17	Tracing isotopic signatures ($\delta^2\text{H}$ and $\delta^{18}\text{O}$) in precipitation and glacier melt over Chorabari Glacierâ€“Hydroclimatic inferences for the Upper Ganga Basin (UGB), Garhwal Himalaya. Journal of Hydrology: Regional Studies, 2018, 15, 68-89.	1.0	38
18	Hydroclimatic significance of stable isotopes in precipitation from glaciers of <sc>Garhwal Himalaya</sc>, <sc>Upper Ganga Basin</sc> (<sc>UGB</sc>), <sc>India</sc>. Hydrological Processes, 2018, 32, 1874-1893.	1.1	24

#	ARTICLE	IF	CITATIONS
19	Assessment and review of hydrometeorological aspects for cloudburst and flash flood events in the third pole region (Indian Himalaya). <i>Polar Science</i> , 2018, 18, 5-20.	0.5	52
20	Assessment of Heavy Metals Toxicity and Ecological Impact on Surface Water Quality Using HPI in Ganga River. <i>INAE Letters</i> , 2018, 3, 123-129.	1.0	37
21	Assessment of landslide hazards induced by extreme rainfall event in Jammu and Kashmir Himalaya, northwest India. <i>Geomorphology</i> , 2017, 284, 72-87.	1.1	64
22	Hydroclimatic influence on particle size distribution of suspended sediments evacuated from debris-covered Chorabari Glacier, upper Mandakini catchment, central Himalaya. <i>Geomorphology</i> , 2016, 265, 45-67.	1.1	29
23	Estimation of snow/glacier melt contribution in the upper part of the Beas River basin, Himachal Pradesh, using conventional and SNOWMOD modeling approach. <i>Journal of Water and Climate Change</i> , 2015, 6, 880-890.	1.2	10
24	Analysis of Climate and Melt-runoff in Dunagiri Glacier of Garhwal Himalaya (India). <i>Water Resources Management</i> , 2014, 28, 3035-3055.	1.9	24
25	Climatic control on extreme sediment transfer from Dokriani Glacier during monsoon, Garhwal Himalaya (India). <i>Journal of Earth System Science</i> , 2014, 123, 109-120.	0.6	42
26	Characterization of suspended sediment in Meltwater from Glaciers of Garhwal Himalaya. <i>Hydrological Processes</i> , 2014, 28, 969-979.	1.1	37
27	Glacier changes in Upper Tons River basin, Garhwal Himalaya, Uttarakhand, India. <i>Zeitschrift für Geomorphologie</i> , 2013, 57, 225-244.	0.3	17
28	Meltwater storage and delaying characteristics of Gangotri Glacier (Indian Himalayas) during ablation season. <i>Hydrological Processes</i> , 2011, 25, 159-166.	1.1	38
29	Stage-Discharge Relationship. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1079-1081.	0.1	7
30	Particle size characteristics of suspended sediment transported in meltwater from the Gangotri Glacier, central Himalaya – An indicator of subglacial sediment evacuation. <i>Geomorphology</i> , 2010, 122, 140-152.	1.1	52