

Al Ramanathan

List of Publications by Year in descending order

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218
papers

7,570
citations

46984

47
h-index

71651

76
g-index

233
all docs

233
docs citations

233
times ranked

5586
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and evaluation of hydrogeochemical processes in the groundwater environment of Delhi, India. <i>Environmental Geology</i> , 2006, 50, 1025-1039.	1.2	361
2	A comparative evaluation of groundwater suitability for irrigation and drinking purposes in two intensively cultivated districts of Punjab, India. <i>Environmental Geology</i> , 2007, 53, 553-574.	1.2	276
3	Four years of mass balance on Chhota Shigri Glacier, Himachal Pradesh, India, a new benchmark glacier in the western Himalaya. <i>Journal of Glaciology</i> , 2007, 53, 603-611.	1.1	220
4	Geochemical assessment of groundwater quality in vicinity of Bhalswa landfill, Delhi, India, using graphical and multivariate statistical methods. <i>Environmental Geology</i> , 2008, 53, 1509-1528.	1.2	181
5	From balance to imbalance: a shift in the dynamic behaviour of Chhota Shigri glacier, western Himalaya, India. <i>Journal of Glaciology</i> , 2012, 58, 315-324.	1.1	170
6	Arsenic and other elements in drinking water and dietary components from the middle Gangetic plain of Bihar, India: Health risk index. <i>Science of the Total Environment</i> , 2016, 539, 125-134.	3.9	163
7	Balanced conditions or slight mass gain of glaciers in the Lahaul and Spiti region (northern India.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 144</i>	1.5	144
8	Assessment of groundwater quality of Lakshimpur district of Bangladesh using water quality indices, geostatistical methods, and multivariate analysis. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	142
9	Hydrogeochemical processes in the groundwater environment of Muksar, Punjab: conventional graphical and multivariate statistical approach. <i>Environmental Geology</i> , 2009, 57, 873-884.	1.2	138
10	Assessment of the impact of landfill on groundwater quality: A case study of the Pirana site in western India. <i>Environmental Monitoring and Assessment</i> , 2008, 141, 309-321.	1.3	137
11	Processes governing the mass balance of Chhota Shigri Glacier (western Himalaya, India) assessed by point-scale surface energy balance measurements. <i>Cryosphere</i> , 2014, 8, 2195-2217.	1.5	133
12	Reconstruction of the annual mass balance of Chhota Shigri glacier, Western Himalaya, India, since 1969. <i>Annals of Glaciology</i> , 2014, 55, 69-80.	2.8	126
13	A study of trace element contamination using multivariate statistical techniques and health risk assessment in groundwater of Chhaprola Industrial Area, Gautam Buddha Nagar, Uttar Pradesh, India. <i>Chemosphere</i> , 2017, 166, 135-145.	4.2	123
14	Environmental geochemistry of the Pichavaram mangrove ecosystem (tropical), southeast coast of India. <i>Environmental Geology</i> , 1999, 37, 223-233.	1.2	121
15	Biosorption of arsenite (As^{+3}) and arsenate (As^{+5}) from aqueous solution by <i>Arthrobacter</i> sp. biomass. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2701-2708.	1.2	121
16	Groundwater chemistry and human health risk assessment in the mining region of East Singhbhum, Jharkhand, India. <i>Chemosphere</i> , 2018, 204, 501-513.	4.2	121
17	Arsenic Contamination of Groundwater in Nepal—An Overview. <i>Water (Switzerland)</i> , 2011, 3, 1-20.	1.2	112
18	Tracing the factors responsible for arsenic enrichment in groundwater of the middle Gangetic Plain, India: a source identification perspective. <i>Environmental Geochemistry and Health</i> , 2010, 32, 129-146.	1.8	106

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19	Meteorological conditions, seasonal and annual mass balances of Chhota Shigri Glacier, western Himalaya, India. <i>Annals of Glaciology</i> , 2016, 57, 328-338.	2.8	97
20	Understanding the extent of interactions between groundwater and surface water through major ion chemistry and multivariate statistical techniques. <i>Hydrological Processes</i> , 2009, 23, 297-310.	1.1	95
21	Arsenic enrichment in groundwater in the middle Gangetic Plain of Ghazipur District in Uttar Pradesh, India. <i>Journal of Geochemical Exploration</i> , 2010, 105, 83-94.	1.5	85
22	Sedimentary nutrient dynamics in a tropical estuarine mangrove ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 80, 60-66.	0.9	80
23	Distribution of rare earth elements and heavy metals in the surficial sediments of the Himalayan river system.. <i>Geochemical Journal</i> , 2000, 34, 295-319.	0.5	79
24	Seasonal variation in the major ion chemistry of Pandoh Lake, Mandi District, Himachal Pradesh, India. <i>Applied Geochemistry</i> , 2007, 22, 1736-1747.	1.4	79
25	Assessment of metal enrichments in tsunamigenic sediments of Pichavaram mangroves, southeast coast of India. <i>Environmental Monitoring and Assessment</i> , 2008, 147, 389-411.	1.3	77
26	Major ion composition and seasonal variation in the Lesser Himalayan lake: case of Begnas Lake of the Pokhara Valley, Nepal. <i>Arabian Journal of Geosciences</i> , 2013, 6, 4191-4206.	0.6	74
27	Seasonal variation of the solute and suspended sediment load in Gangotri glacier meltwater, central Himalaya, India. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 224-234.	1.0	72
28	A study on the hydrogeology and hydrogeochemistry of groundwater from different depths in a coastal aquifer: Annamalai Nagar, Tamilnadu, India. <i>Environmental Geology</i> , 2009, 57, 59-73.	1.2	69
29	Elemental and stable isotope records of organic matter input and its fate in the Pichavaram mangrove estuarine sediments (Tamil Nadu, India). <i>Marine Chemistry</i> , 2011, 126, 163-172.	0.9	65
30	Methylated and unsubstituted polycyclic aromatic hydrocarbons in street dust from Vietnam and India: Occurrence, distribution and in vitro toxicity evaluation. <i>Environmental Pollution</i> , 2014, 194, 272-280.	3.7	63
31	Metal uptake and transport by <i>Typha angustata</i> L. grown on metal contaminated waste amended soil: An implication of phytoremediation. <i>Geoderma</i> , 2008, 145, 136-142.	2.3	62
32	Organic matter characterization in a tropical estuarine-mangrove ecosystem of India: Preliminary assessment by using stable isotopes and lignin phenols. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 84, 617-624.	0.9	62
33	Quantification and distribution of heavy metals from small-scale industrial areas of Kanpur city, India. <i>Journal of Hazardous Materials</i> , 2009, 172, 1145-1149.	6.5	62
34	Seasonal changes in surface albedo of Himalayan glaciers from MODIS data and links with the annual mass balance. <i>Cryosphere</i> , 2015, 9, 341-355.	1.5	60
35	Distribution, enrichment, and potential toxicity of trace metals in the surface sediments of Sundarban mangrove ecosystem, Bangladesh: a baseline study before Sundarban oil spill of December, 2014. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8985-8999.	2.7	59
36	Remotely sensed debris thickness mapping of Bara Shigri Glacier, Indian Himalaya. <i>Journal of Glaciology</i> , 2015, 61, 675-688.	1.1	58

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37	Chemical fractionation and translocation of heavy metals in <i>Canna indica</i> L. grown on industrial waste amended soil. <i>Journal of Hazardous Materials</i> , 2008, 160, 187-193.	6.5	57
38	Rare earth elements and heavy metal distribution in estuarine sediments of east coast of India. <i>Hydrobiologia</i> , 1999, 397, 89-99.	1.0	56
39	Assessment of methane and nitrous oxide flux from mangroves along Eastern coast of India. <i>Geofluids</i> , 2008, 8, 321-332.	0.3	55
40	Identification of aquifer-recharge zones and sources in an urban development area (Delhi, India), by correlating isotopic tracers with hydrological features. <i>Hydrogeology Journal</i> , 2011, 19, 463-474.	0.9	55
41	A study of arsenic, iron and other dissolved ion variations in the groundwater of Bishnupur District, Manipur, India. <i>Environmental Earth Sciences</i> , 2011, 62, 1183-1195.	1.3	55
42	Concentrations of inorganic arsenic in groundwater, agricultural soils and subsurface sediments from the middle Gangetic plain of Bihar, India. <i>Science of the Total Environment</i> , 2016, 573, 1103-1114.	3.9	54
43	Chemical characterisation of meltwater draining from Gangotri Glacier, Garhwal Himalaya, India. <i>Journal of Earth System Science</i> , 2012, 121, 625-636.	0.6	53
44	A study on the high fluoride concentration in the magnesium-rich waters of hard rock aquifer in Krishnagiri district, Tamilnadu, India. <i>Arabian Journal of Geosciences</i> , 2014, 7, 273-285.	0.6	52
45	Factors influencing spatio-temporal variation of methane and nitrous oxide emission from a tropical mangrove of eastern coast of India. <i>Atmospheric Environment</i> , 2015, 107, 95-106.	1.9	52
46	Trace metal distribution, assessment and enrichment in the surface sediments of Sundarban mangrove ecosystem in India and Bangladesh. <i>Marine Pollution Bulletin</i> , 2018, 127, 541-547.	2.3	52
47	Geospatial and multivariate analysis of trace metals in tubewell water using for drinking purpose in the upper Gangetic basin, India: Heavy metal pollution index. <i>Groundwater for Sustainable Development</i> , 2019, 8, 122-133.	2.3	51
48	Coupling fractionation and batch desorption to understand arsenic and fluoride co-contamination in the aquifer system. <i>Chemosphere</i> , 2016, 164, 657-667.	4.2	50
49	Frontier review on the propensity and repercussion of SARS-CoV-2 migration to aquatic environment. <i>Journal of Hazardous Materials Letters</i> , 2020, 1, 100001.	2.0	49
50	Geochemical and statistical evaluation of groundwater in Imphal and Thoubal district of Manipur, India. <i>Journal of Asian Earth Sciences</i> , 2012, 48, 136-149.	1.0	47
51	Study of solute sources and evolution of hydrogeochemical processes of the Chhota Shigri Glacier meltwaters, Himachal Himalaya, India. <i>Hydrological Sciences Journal</i> , 2013, 58, 1128-1143.	1.2	47
52	Persistence, variance and toxic levels of organochlorine pesticides in fluvial sediments and the role of black carbon in their retention. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6525-6546.	2.7	47
53	Hydrogeochemical assessment of groundwater in Neyveli Basin, Cuddalore District, South India. <i>Arabian Journal of Geosciences</i> , 2011, 4, 319-330.	0.6	46
54	Grain texture as a proxy to understand porosity, permeability and density in Chandra Basin, India. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	46

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55	Geochemistry of the Cauvery Estuary, East Coast of India. <i>Estuaries and Coasts</i> , 1993, 16, 459.	1.7	45
56	Understanding the interrelationships among mass balance, meteorology, discharge and surface velocity on Chhota Shigri Glacier over 2002â€“2019 using in situ measurements. <i>Journal of Glaciology</i> , 2020, 66, 727-741.	1.1	45
57	Transport and distribution of heavy metals in Cauvery river. <i>Water, Air, and Soil Pollution</i> , 1993, 71, 13-28.	1.1	44
58	Study on the hydrogeochemical characteristics in groundwater, post- and pre-tsunami scenario, from Portnova to Pumpuhar, southeast coast of India. <i>Environmental Monitoring and Assessment</i> , 2010, 169, 553-568.	1.3	44
59	Speciation of selected trace metals (Fe, Mn, Cu and Zn) with depth in the sediments of Sundarban mangroves: India and Bangladesh. <i>Journal of Soils and Sediments</i> , 2015, 15, 2476-2486.	1.5	44
60	Influence of human-induced disturbance on benthic microbial metabolism in the Pichavaram mangroves, Vellarâ€“Coleroon estuarine complex, India. <i>Marine Biology</i> , 2005, 147, 1033-1044.	0.7	43
61	Metal Fractionation Studies in Surficial and Core Sediments in the Achankovil River Basin in India. <i>Environmental Monitoring and Assessment</i> , 2006, 121, 77-102.	1.3	43
62	Phosphorus fractionation in surficial sediments of Pandoh Lake, Lesser Himalaya, Himachal Pradesh, India. <i>Applied Geochemistry</i> , 2007, 22, 1860-1871.	1.4	43
63	Snow and ice melt contributions in a highly glacierized catchment of Chhota Shigri Glacier (India) over the last five decades. <i>Journal of Hydrology</i> , 2019, 574, 760-773.	2.3	43
64	Hydrochemical characteristics of groundwater in the plains of Phalgu River in Gaya, Bihar, India. <i>Arabian Journal of Geosciences</i> , 2013, 6, 3257-3267.	0.6	42
65	Hydrogeochemical controls on mobilization of arsenic in groundwater of a part of Brahmaputra river floodplain, India. <i>Journal of Hydrology: Regional Studies</i> , 2015, 4, 154-171.	1.0	41
66	Dissolved ion chemistry and suspended sediment characteristics of meltwater draining from Chhota Shigri Glacier, western Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2015, 8, 281-293.	0.6	41
67	Translocation of metals in pea plants grown on various amendment of electroplating industrial sludge. <i>Bioresource Technology</i> , 2008, 99, 4467-4475.	4.8	38
68	Nutrient chemistry and salinity mapping of the Delhi aquifer, India: source identification perspective. <i>Environmental Geology</i> , 2009, 56, 1171-1181.	1.2	38
69	A study on the factors affecting the stable isotopic composition in precipitation of Tamil Nadu, India. <i>Hydrological Processes</i> , 2009, 23, 1792-1800.	1.1	36
70	Mass-balance observation, reconstruction and sensitivity of Stok glacier, Ladakh region, India, between 1978 and 2019. <i>Journal of Glaciology</i> , 2020, 66, 627-642.	1.1	36
71	Assessment of toxicity and potential health risk from persistent pesticides and heavy metals along the Delhi stretch of river Yamuna. <i>Environmental Research</i> , 2021, 202, 111780.	3.7	36
72	Heavy metal distribution in the Godavari River basin. <i>Environmental Geology and Water Sciences</i> , 1991, 17, 117-126.	0.4	35

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73	Metal speciation studies in the aquifer sediments of Semria Ojhapatti, Bhojpur District, Bihar. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3027-3042.	1.3	35
74	Sediment biomarker profiles trace organic matter input in the Pichavaram mangrove complex, southeastern India. <i>Marine Chemistry</i> , 2015, 171, 44-57.	0.9	34
75	Assessment of arsenic and uranium co-occurrences in groundwater of central Gangetic Plain, Uttar Pradesh, India. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	34
76	Sediment transport in the Cauvery River basin: sediment characteristics and controlling factors. <i>Journal of Hydrology</i> , 1992, 139, 197-210.	2.3	33
77	Waste water management and water quality of river Yamuna in the megacity of Delhi. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 2109-2124.	1.8	33
78	Bulk organic matter characteristics in the Pichavaram mangrove " estuarine complex, south-eastern India. <i>Applied Geochemistry</i> , 2010, 25, 1176-1186.	1.4	32
79	Evaluation of geochemical impact of tsunami on Pichavaram mangrove ecosystem, southeast coast of India. <i>Environmental Geology</i> , 2008, 55, 687-697.	1.2	31
80	Geochemical assessment of fluoride enrichment and nitrate contamination in groundwater in hard-rock aquifer by using graphical and statistical methods. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	31
81	Characterization of phosphorus fractions in the sediments of a tropical intertidal mangrove ecosystem. <i>Wetlands Ecology and Management</i> , 2010, 18, 165-175.	0.7	30
82	Regional representation of glaciers in Chandra Basin region, western Himalaya, India. <i>Geoscience Frontiers</i> , 2017, 8, 841-850.	4.3	30
83	Major ion chemistry and assessment of weathering processes of the Patsio glacier meltwater, Western Himalaya, India. <i>Environmental Earth Sciences</i> , 2015, 73, 387-397.	1.3	29
84	Assessment of the impact of textile effluents on microbial diversity in Tirupur district, Tamil Nadu. <i>Applied Water Science</i> , 2017, 7, 2267-2277.	2.8	29
85	Present Status of Asbestos Mining and Related Health Problems in India. A Survey.. <i>Industrial Health</i> , 2001, 39, 309-315.	0.4	28
86	Climate Change Impacts and Vulnerability Assessment in Coastal Region of Bangladesh: A Case Study on Shyamnagar Upazila of Satkhira District. <i>Journal of Climate Change</i> , 2015, 1, 37-45.	0.2	28
87	Sources and dynamics of sedimentary organic matter in Sundarban mangrove estuary from Indo-Gangetic delta. <i>Ecological Processes</i> , 2017, 6, .	1.6	28
88	Assessing the potential ecological risk of Co, Cr, Cu, Fe and Zn in the sediments of Hooghly"Matla estuarine system, India. <i>Environmental Geochemistry and Health</i> , 2019, 41, 53-70.	1.8	28
89	Hydrogeochemical Modelling for Groundwater in Neyveli Aquifer, Tamil Nadu, India, Using PHREEQC: A Case Study. <i>Natural Resources Research</i> , 2012, 21, 311-324.	2.2	27
90	Assessment of heavy metal contamination in the surface sediments in the mangrove ecosystem of Gulf of Kachchh, West Coast of India. <i>Environmental Earth Sciences</i> , 2015, 74, 545-556.	1.3	27

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91	Modelling 60 years of glacier mass balance and runoff for Chhota Shigri Glacier, Western Himalaya, Northern India. <i>Journal of Glaciology</i> , 2017, 63, 618-628.	1.1	27
92	Fluoride removal studies in water using natural materials : technical note. <i>Water S A</i> , 2004, 29, 339.	0.2	26
93	Characterization of clay minerals in the Sundarban mangroves river sediments by SEM/EDS. <i>Journal of the Geological Society of India</i> , 2012, 80, 429-434.	0.5	26
94	Hydrogeochemical Evolution and Appraisal of Groundwater Quality in Panna District, Central India. <i>Exposure and Health</i> , 2016, 8, 19-30.	2.8	26
95	Nature and transport of solute load in the cauvery river basin, India. <i>Water Research</i> , 1994, 28, 1585-1593.	5.3	25
96	Hydrogeochemistry of high-altitude lake: a case study of the Chandra Tal, Western Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	25
97	Impact assessment of textile effluent on groundwater quality in the vicinity of Tirupur industrial area, southern India. <i>Environmental Earth Sciences</i> , 2013, 70, 3015-3022.	1.3	24
98	Hydrogeochemical zonation for groundwater management in the area with diversified geological and land-use setup. <i>Chemie Der Erde</i> , 2013, 73, 267-274.	0.8	24
99	Assessment of solute and suspended sediments acquisition processes in the Bara Shigri glacier meltwater (Western Himalaya, India). <i>Environmental Earth Sciences</i> , 2015, 74, 2009-2018.	1.3	24
100	Groundwater evolution and its utility in upper Ganges-Yamuna Alluvial plain of Northern India, India: Evidence from solute chemistry and stable isotopes. <i>Groundwater for Sustainable Development</i> , 2018, 7, 400-409.	2.3	24
101	Role of Indian Summer Monsoon and Westerlies on glacier variability in the Himalaya and East Africa during Late Quaternary: Review and new data. <i>Earth-Science Reviews</i> , 2021, 212, 103431.	4.0	24
102	Polycyclic aromatic hydrocarbon fingerprints in the Pichavaram mangrove estuarine sediments, southeastern India. <i>Organic Geochemistry</i> , 2012, 53, 88-94.	0.9	22
103	Integrated hydrogeochemical, isotopic and geomorphological depiction of the groundwater salinization in the aquifer system of Delhi, India. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 936-947.	1.0	22
104	A study on the defluoridation in water by using natural soil. <i>Applied Water Science</i> , 2013, 3, 741-751.	2.8	21
105	Climate change drives glacier retreat in Bhaga basin located in Himachal Pradesh, India. <i>Geocarto International</i> , 2020, 35, 1179-1198.	1.7	21
106	Trace metal fractionation in the Pichavaram mangrove estuarine sediments in southeast India after the tsunami of 2004. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8197-8213.	1.3	20
107	Spatial variability of fluorine in agricultural soils around Sidhi District, Central India. <i>Journal of the Geological Society of India</i> , 2016, 87, 227-235.	0.5	20
108	A Nonlinear Statistical Model for Extracting a Climatic Signal From Glacier Mass Balance Measurements. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 2228-2242.	1.0	20

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109	Sediment and heavy metal accumulation in the Cauvery basin. <i>Environmental Geology</i> , 1996, 27, 155-163.	1.2	19
110	Distribution of Rare Earth Elements in the Pichavaram Mangrove Sediments of the Southeast Coast of India. <i>Journal of Coastal Research</i> , 2008, 1, 126-134.	0.1	19
111	Glacial runoff and transport of suspended sediment from the Chhota Shigri glacier, Western Himalaya, India. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	19
112	Hydrogeo-morphological influences for arsenic release and fate in the central Gangetic Basin, India. <i>Environmental Technology and Innovation</i> , 2018, 12, 243-260.	3.0	19
113	Hydrogeochemistry of the Chhota Shigri glacier meltwater, Chandra basin, Himachal Pradesh, India: solute acquisition processes, dissolved load and chemical weathering rates. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	17
114	Disentangling source of moisture driving glacier dynamics and identification of 8.2ka event: evidence from pore water isotopes, Western Himalaya. <i>Scientific Reports</i> , 2020, 10, 15324.	1.6	17
115	The combined exposure of microplastics and toxic contaminants in the floodplains of north India: A review. <i>Journal of Environmental Management</i> , 2021, 279, 111557.	3.8	17
116	Source apportionment and health risk assessment of nitrate in foothill aquifers of Western Ghats, South India. <i>Ecotoxicology and Environmental Safety</i> , 2022, 229, 113075.	2.9	17
117	Solute Sources and Processes in the Achankovil River Basin, Western Ghats, Southern India/Sources de Solutés et Processus Associés Dans le Bassin du Fleuve Achankovil, Ghats Occidentaux, Inde du Sud. <i>Hydrological Sciences Journal</i> , 2005, 50, .	1.2	16
118	Temporal Variation in the Major Ion Chemistry of Chhota Shigri Glacier Meltwater, Lahaul-Spiti Valley, Himachal Pradesh, India. <i>The National Academy of Sciences, India</i> , 2013, 36, 335-342.	0.8	16
119	Rare Earth Elements As Biogeochemical Indicators In Mangrove Ecosystems (Pichavaram, Tamilnadu,) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.8	16
120	Distribution and fractionation of heavy metals in the Cauvery estuary, India. <i>Marine Pollution Bulletin</i> , 1989, 20, 286-290.	2.3	15
121	Glacier fluctuation using Satellite Data in Beas basin, 1972-2006, Himachal Pradesh, India. <i>Journal of Earth System Science</i> , 2012, 121, 1105-1112.	0.6	15
122	Hydrogeochemical Assessment of Meltwater Quality Using Major Ion Chemistry: A Case Study of Bara Shigri Glacier, Western Himalaya, India. <i>The National Academy of Sciences, India</i> , 2015, 38, 147-151.	0.8	15
123	Transportation of Suspended Sediment from Meltwater of the Patsio Glacier, Western Himalaya, India. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2015, 85, 169-175.	0.8	15
124	Delineating sources of groundwater recharge and carbon in Holocene aquifers of the central Gangetic basin using stable isotopic signatures. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 254-271.	0.5	15
125	Elemental composition, distribution and control of biogenic silica in the anthropogenically disturbed and pristine zone inter-tidal sediments of Indian Sundarbans mangrove-estuarine complex. <i>Marine Pollution Bulletin</i> , 2016, 111, 68-85.	2.3	14
126	An attempt to identify and estimate the subsurface groundwater discharge in the south east coast of India. <i>International Journal of Sustainable Built Environment</i> , 2017, 6, 421-433.	3.2	14

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127	Spectre of SARS-CoV-2 RNA in the ambient urban waters of Ahmedabad and Guwahati: A tale of two Indian cities. <i>Environmental Research</i> , 2022, 204, 112067.	3.7	14
128	Tooth Element Levels Indicating Exposure Profiles in Diabetic and Hypertensive Subjects from Mysore, India. <i>Biological Trace Element Research</i> , 2009, 131, 255-262.	1.9	13
129	Partitioning of heavy metals in the sediments of Lake Naivasha, Kenya. <i>Chemical Speciation and Bioavailability</i> , 2009, 21, 41-48.	2.0	13
130	Phosphorus fractionation in sediments of the Pichavaram mangrove ecosystem, south-eastern coast of India. <i>Environmental Earth Sciences</i> , 2011, 62, 1779-1787.	1.3	13
131	A study on the arsenic concentration in groundwater of a coastal aquifer in south-east India: an integrated approach. <i>Environment, Development and Sustainability</i> , 2017, 19, 1015-1040.	2.7	12
132	Hydrogeochemistry of Meltwater of the Chaturangi Glacier, Garhwal Himalaya, India. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2015, 85, 187-195.	0.8	10
133	Qualitative and quantitative assessment of TanDEM-X DEM over western Himalayan glaciated terrain. <i>Geocarto International</i> , 2017, 32, 442-454.	1.7	10
134	An assessment of the hydrogeochemistry of two wetlands located in Bihar State in the subtropical climatic zone of India. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	10
135	Impact of seasonality on the nutrient concentrations in Gautami-Godavari Estuarine Mangrove Complex, Andhra Pradesh, India. <i>Marine Pollution Bulletin</i> , 2018, 129, 329-335.	2.3	10
136	Assessment of landfills vulnerability on the groundwater quality located near floodplain of the perennial river and simulation of contaminant transport. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 729-752.	1.9	10
137	Switch in chemical weathering caused by the mass balance variability in a Himalayan glacierized basin: a case of Chhota Shigri Glacier. <i>Hydrological Sciences Journal</i> , 2019, 64, 179-189.	1.2	10
138	Hydrogeochemical Analysis of Phewa Lake: A Lesser Himalayan Lake in the Pokhara Valley, Nepal. <i>Environment and Natural Resources Journal</i> , 2021, 19, 68-83.	0.4	10
139	A Systematic Review on the Impact of Urbanization and Industrialization on Indian Coastal Mangrove Ecosystem. <i>Coastal Research Library</i> , 2022, , 175-199.	0.2	10
140	Unsteady state of glaciers (Chhota Shigri and Hamtah) and climate in Lahaul and Spiti region, western Himalayas: a review of recent mass loss. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	9
141	Whether conversion of mangrove forest to rice cropland is environmentally and economically viable?. <i>Agriculture, Ecosystems and Environment</i> , 2017, 246, 38-47.	2.5	9
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