

Al Ramanathan

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

219
papers

5,717
citations

42
h-index

67
g-index

232
ext. papers

6,655
ext. citations

3.5
avg, IF

6.06
L-index

#	Paper	IF	Citations
219	Identification and evaluation of hydrogeochemical processes in the groundwater environment of Delhi, India. <i>Environmental Geology</i> , 2006 , 50, 1025-1039		287
218	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		216
217	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	3.4	191
216	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		148
215	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	3.4	143
214	Balanced conditions or slight mass gain of glaciers in the Lahaul and Spiti region (northern India, Himalaya) during the nineties preceded recent mass loss. <i>Cryosphere</i> , 2013 , 7, 569-582	5.5	119
213	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	10.2	118
212	Hydrogeochemical processes in the groundwater environment of Muktsar, Punjab: conventional graphical and multivariate statistical approach. <i>Environmental Geology</i> , 2009 , 57, 873-884		104
211	Environmental geochemistry of the Pichavaram mangrove ecosystem (tropical), southeast coast of India. <i>Environmental Geology</i> , 1999 , 37, 223-233		104
210	Reconstruction of the annual mass balance of Chhota Shigri glacier, Western Himalaya, India, since 1969. <i>Annals of Glaciology</i> , 2014 , 55, 69-80	2.5	100
209	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, 2701-8	2.6	100
208	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	5.5	99
207	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, 309-21	3.1	97
206	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	2.9	95
205	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	8.4	93
204	Groundwater chemistry and human health risk assessment in the mining region of East Singhbhum, Jharkhand, India. <i>Chemosphere</i> , 2018 , 204, 501-513	8.4	89
203	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, 129-46	4.7	89

202	Arsenic Contamination of Groundwater in Nepal: An Overview. <i>Water (Switzerland)</i> , 2011 , 3, 1-20	3	87
201	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	3.3	82
200	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	3.8	74
199	Meteorological conditions, seasonal and annual mass balances of Chhota Shigri Glacier, western Himalaya, India. <i>Annals of Glaciology</i> , 2016 , 57, 328-338	2.5	68
198	Assessment of metal enrichments in tsunamigenic sediments of Pichavaram mangroves, southeast coast of India. <i>Environmental Monitoring and Assessment</i> , 2008 , 147, 389-411	3.1	67
197	Seasonal variation in the major ion chemistry of Pandoh Lake, Mandi District, Himachal Pradesh, India. <i>Applied Geochemistry</i> , 2007 , 22, 1736-1747	3.5	67
196	Sedimentary nutrient dynamics in a tropical estuarine mangrove ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 80, 60-66	2.9	65
195	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	2.8	62
194	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		62
193	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	6.7	57
192	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	1.8	56
191	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	0.9	55
190	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	2.9	54
189	Rare earth elements and heavy metal distribution in estuarine sediments of east coast of India. <i>Hydrobiologia</i> , 1999 , 397, 89-99	2.4	50
188	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	0.3	49
187	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	3.1	49
186	Assessment of methane and nitrous oxide flux from mangroves along Eastern coast of India. <i>Geofluids</i> , 2008 , 8, 321-332	1.5	48
185	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	5.5	47

184	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	3.7	47
183	Quantification and distribution of heavy metals from small-scale industrial areas of Kanpur city, India. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1145-9	12.8	45
182	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, 187-93	12.8	45
181	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	2.9	44
180	Chemical characterisation of meltwater draining from Gangotri Glacier, Garhwal Himalaya, India. <i>Journal of Earth System Science</i> , 2012 , 121, 625-636	1.8	43
179	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, 8985-99	5.1	42
178	Remotely sensed debris thickness mapping of Bara Shigri Glacier, Indian Himalaya. <i>Journal of Glaciology</i> , 2015 , 61, 675-688	3.4	42
177	Phosphorus fractionation in surficial sediments of Pandoh Lake, Lesser Himalaya, Himachal Pradesh, India. <i>Applied Geochemistry</i> , 2007 , 22, 1860-1871	3.5	42
176	Hydrogeochemical assessment of groundwater in Neyveli Basin, Cuddalore District, South India. <i>Arabian Journal of Geosciences</i> , 2011 , 4, 319-330	1.8	40
175	Influence of human-induced disturbance on benthic microbial metabolism in the Pichavaram mangroves, Vellar Coleroon estuarine complex, India. <i>Marine Biology</i> , 2005 , 147, 1033-1044	2.5	40
174	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, 6525-46	5.1	39
173	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	3.5	39
172	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	10.2	39
171	Coupling fractionation and batch desorption to understand arsenic and fluoride co-contamination in the aquifer system. <i>Chemosphere</i> , 2016 , 164, 657-667	8.4	38
170	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	1.8	38
169	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	6	38
168	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	3.4	36
167	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	5.3	36

166	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	2.8	36
165	Study on the hydrogeochemical characteristics in groundwater, post- and pre-tsunami scenario, from Portnova to Pumphar, southeast coast of India. <i>Environmental Monitoring and Assessment</i> , 2010 , 169, 553-68	3.1	36
164	Geochemistry of the Cauvery Estuary, East Coast of India. <i>Estuaries and Coasts</i> , 1993 , 16, 459		36
163	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	3.1	34
162	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	1.8	33
161	Hydrochemical characteristics of groundwater in the plains of Phalgu River in Gaya, Bihar, India. <i>Arabian Journal of Geosciences</i> , 2013 , 6, 3257-3267	1.8	33
160	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	6.7	32
159	Metal speciation studies in the aquifer sediments of Semria Ojhapatti, Bhojpur District, Bihar. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 3027-42	3.1	32
158	Nutrient chemistry and salinity mapping of the Delhi aquifer, India: source identification perspective. <i>Environmental Geology</i> , 2009 , 56, 1171-1181		32
157	Translocation of metals in pea plants grown on various amendment of electroplating industrial sludge. <i>Bioresource Technology</i> , 2008 , 99, 4467-75	11	32
156	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	3.6	31
155	A study on the factors affecting the stable isotopic composition in precipitation of Tamil Nadu, India. <i>Hydrological Processes</i> , 2009 , 23, 1792-1800	3.3	30
154	Transport and distribution of heavy metals in Cauvery river. <i>Water, Air, and Soil Pollution</i> , 1993 , 71, 13-28	2.6	29
153	Bulk organic matter characteristics in the Pichavaram mangrove Estuarine complex, south-eastern India. <i>Applied Geochemistry</i> , 2010 , 25, 1176-1186	3.5	28
152	Evaluation of geochemical impact of tsunami on Pichavaram mangrove ecosystem, southeast coast of India. <i>Environmental Geology</i> , 2008 , 55, 687-697		28
151	Sediment transport in the Cauvery River basin: sediment characteristics and controlling factors. <i>Journal of Hydrology</i> , 1992 , 139, 197-210	6	28
150	Characterization of phosphorus fractions in the sediments of a tropical intertidal mangrove ecosystem. <i>Wetlands Ecology and Management</i> , 2010 , 18, 165-175	2.1	27
149	Heavy metal distribution in the Godavari River basin. <i>Environmental Geology and Water Sciences</i> , 1991 , 17, 117-126		27

148	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	2.9	25
147	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	1.3	25
146	Grain texture as a proxy to understand porosity, permeability and density in Chandra Basin, India. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	25
145	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	6	24
144	Sediment biomarker profiles trace organic matter input in the Pichavaram mangrove complex, southeastern India. <i>Marine Chemistry</i> , 2015 , 171, 44-57	3.7	24
143	Present status of asbestos mining and related health problems in India--a survey. <i>Industrial Health</i> , 2001 , 39, 309-15	2.5	24
142	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	3.3	23
141	Hydrogeochemical zonation for groundwater management in the area with diversified geological and land-use setup. <i>Chemie Der Erde</i> , 2013 , 73, 267-274	4.3	22
140	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	4.7	21
139	Regional representation of glaciers in Chandra Basin region, western Himalaya, India. <i>Geoscience Frontiers</i> , 2017 , 8, 841-850	6	20
138	Nature and transport of solute load in the cauvery river basin, India. <i>Water Research</i> , 1994 , 28, 1585-1593	2.5	20
137	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	1.8	20
136	Sources and dynamics of sedimentary organic matter in Sundarban mangrove estuary from Indo-Gangetic delta. <i>Ecological Processes</i> , 2017 , 6,	3.6	19
135	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	3.4	19
134	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	3.3	19
133	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	2.9	19
132	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	2.9	19
131	Hydrogeochemical Modelling for Groundwater in Neyveli Aquifer, Tamil Nadu, India, Using PHREEQC: A Case Study. <i>Natural Resources Research</i> , 2012 , 21, 311-324	4.9	19

130	Understanding the interrelationships among mass balance, meteorology, discharge and surface velocity on Chhota Shigri Glacier over 2002-2019 using in situ measurements. <i>Journal of Glaciology</i> , 2020 , 66, 727-741	3.4	19
129	Hydrogeochemical Evolution and Appraisal of Groundwater Quality in Panna District, Central India. <i>Exposure and Health</i> , 2016 , 8, 19-30	8.8	18
128	Assessment of the impact of textile effluents on microbial diversity in Tirupur district, Tamil Nadu. <i>Applied Water Science</i> , 2017 , 7, 2267-2277	5	17
127	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	3.4	17
126	Hydrogeochemistry of high-altitude lake: a case study of the Chandra Tal, Western Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	17
125	Assessment of arsenic and uranium co-occurrences in groundwater of central Gangetic Plain, Uttar Pradesh, India. <i>Environmental Earth Sciences</i> , 2020 , 79, 1	2.9	16
124	A study on the defluoridation in water by using natural soil. <i>Applied Water Science</i> , 2013 , 3, 741-751	5	16
123	Sediment and heavy metal accumulation in the Cauvery basin. <i>Environmental Geology</i> , 1996 , 27, 155-163		16
122	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	2.8	15
121	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	1.3	15
120	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	2.9	15
119	Temporal Variation in the Major Ion Chemistry of Chhota Shigri Glacier Meltwater, LahaulSpiti Valley, Himachal Pradesh, India. <i>The National Academy of Sciences, India</i> , 2013 , 36, 335-342	0.6	15
118	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	0.7	15
117	Hydrogeo-morphological influences for arsenic release and fate in the central Gangetic Basin, India. <i>Environmental Technology and Innovation</i> , 2018 , 12, 243-260	7	15
116	Rare Earth Elements As Biogeochemical Indicators In Mangrove Ecosystems (Pichavaram, Tamilnadu, India). <i>Journal of Sedimentary Research</i> , 2014 , 84, 781-791	2.1	14
115	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	0.6	14
114	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	0.6	14
113	Distribution and fractionation of heavy metals in the Cauvery estuary, India. <i>Marine Pollution Bulletin</i> , 1989 , 20, 286-290	6.7	14

112	Glacial runoff and transport of suspended sediment from the Chhota Shigri glacier, Western Himalaya, India. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	14
111	Climate change drives glacier retreat in Bhaga basin located in Himachal Pradesh, India. <i>Geocarto International</i> , 2020 , 35, 1179-1198	2.7	14
110	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	2.9	13
109	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	6	13
108	Polycyclic aromatic hydrocarbon fingerprints in the Pichavaram mangrove estuarine sediments, southeastern India. <i>Organic Geochemistry</i> , 2012 , 53, 88-94	3.1	13
107	Tooth element levels indicating exposure profiles in diabetic and hypertensive subjects from Mysore, India. <i>Biological Trace Element Research</i> , 2009 , 131, 255-62	4.5	13
106	Partitioning of heavy metals in the sediments of Lake Naivasha, Kenya. <i>Chemical Speciation and Bioavailability</i> , 2009 , 21, 41-48		13
105	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		12
104	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, 8197-213	3.1	12
103	Phosphorus fractionation in sediments of the Pichavaram mangrove ecosystem, south-eastern coast of India. <i>Environmental Earth Sciences</i> , 2011 , 62, 1779-1787	2.9	12
102	Solute Sources and Processes in the Achankovil River Basin, Western Ghats, Southern India/Sources de Solut et Processus Associé Dans le Bassin du Fleuve Achankovil, Ghats Occidentaux, Inde du Sud. <i>Hydrological Sciences Journal</i> , 2005 , 50,	3.5	12
101	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	1.5	11
100	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	2.9	11
99	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	6.7	11
98	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	4.5	10
97	Glacier fluctuation using Satellite Data in Beas basin, 1972-2006, Himachal Pradesh, India. <i>Journal of Earth System Science</i> , 2012 , 121, 1105-1112	1.8	10
96	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	7.9	10
95	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	3.8	10

94	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	0.9	9
93	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	6.7	8
92	Fluoride removal studies in water using natural materials : technical note. <i>Water S A</i> , 2004 , 29, 339	1.3	8
91	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	3.5	7
90	An Integrated Novel Approach to Understand the Process of Groundwater Recharge in Mountain and Riparian Zone Aquifer System of Tamil Nadu, India. <i>Aquatic Geochemistry</i> , 2019 , 25, 137-159	1.7	7
89	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	3.2	7
88	Whether conversion of mangrove forest to rice cropland is environmentally and economically viable?. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 246, 38-47	5.7	6
87	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	2.9	6
86	Characterization of Hydrogeochemical Processes Controlling Major Ion Chemistry of the Batal Glacier Meltwater, Chandra Basin, Himachal Pradesh, India. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2017 , 87, 145-153	0.9	6
85	Organic Matter and Mangrove Productivity 2010 , 175-193		6
84	Identifying Climate Change Information Needs for the Himalayan Region: Results from the GLACINDIA Stakeholder Workshop and Training Program. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, ES37-ES40	6.1	6
83	Arsenic Contamination in Environment, Ecotoxicological and Health Effects, and Bioremediation Strategies for Its Detoxification 2020 , 245-264		6
82	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	10.2	6
81	Qualitative and quantitative assessment of TanDEM-X DEM over western Himalayan glaciated terrain. <i>Geocarto International</i> , 2017 , 32, 442-454	2.7	5
80	Suspended sediment dynamics in the meltwater of Chhota Shigri glacier, Chandra basin, Lahaul-Spiti valley, India. <i>Journal of Mountain Science</i> , 2018 , 15, 68-81	2.1	5
79	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	1.7	5
78	Hydrochemistry and dissolved solute load of meltwater in a catchment of a cold-arid trans-Himalayan region of Ladakh over an entire melting period 2016 , 47, 1224-1238		5
77	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	2.9	5

76	Tracer-based estimation of temporal variation of water sources: an insight from supra- and subglacial environments. <i>Hydrological Sciences Journal</i> , 2018 , 63, 1717-1732	3.5	5
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