Al Ramanathan

List of Publications by Year in Descending Order

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	A Systematic Review on the Impact of Urbanization and Industrialization on Indian Coastal Mangrove Ecosystem. *Coastal Research Library*, **2022**, 175-199	0.4	1
218	Phosphorus Availability and Speciation in the Intertidal Sediments of Sundarbans Mangrove Ecosystem of India and Bangladesh. *Coastal Research Library*, **2022**, 67-89	0.4	
217	Isotopic signatures to address the groundwater recharge in coastal aquifers.. *Marine Pollution Bulletin*, **2022**, 174, 113273	6.7	1
216	Sedimentation of metals in Sundarban mangrove ecosystem: Dominant drivers and environmental risks.. *Environmental Geochemistry and Health*, **2022**, 1	4.7	1
215	Source apportionment and health risk assessment of nitrate in foothill aquifers of Western Ghats, South India.. *Ecotoxicology and Environmental Safety*, **2021**, 229, 113075	7	1
214	Hydrogeochemical Analysis of Phewa Lake: A Lesser Himalayan Lake in the Pokhara Valley, Nepal. *Environment and Natural Resources Journal*, **2021**, 19, 68-83	1.7	5
213	Efficiency of a pilot hybrid wastewater treatment system comprising activated sludge and constructed wetlands planted with Canna lily and Cyperus papyrus. *Water and Environment Journal*, **2021**, 35, 647-656	1.7	
212	Testing the reliable proxies to understand the mid-Holocene climate variability records from Chandratal lake, Western Himalayas. *Quaternary International*, **2021**, 599-600, 55-61	2	3
211	The combined exposure of microplastics and toxic contaminants in the floodplains of north India: A review. *Journal of Environmental Management*, **2021**, 279, 111557	7.9	10
210	Role of Indian Summer Monsoon and Westerlies on glacier variability in the Himalaya and East Africa during Late Quaternary: Review and new data. *Earth-Science Reviews*, **2021**, 212, 103431	10.2	6
209	Assessing Sediment Pulse during an Extreme Hydrological Event in the Alaknanda Basin, Northwestern Himalaya, India. *Journal of the Geological Society of India*, **2021**, 97, 48-54	1.3	1
208	Mass balance and spatio-temporal change in the area of Vestre Broggerbreen glacier, Ny-Ålesund, Svalbard, Arctic, between 1993 and 2018 **2021**, 257-268		
207	Estimation of Deglaciation through Remote Sensing Techniques in Chandra-Bhaga Basin, Western Himalaya. *Journal of Climate Change*, **2021**, 7, 79-88	0.7	
206	Modelling ice thickness distribution and volume of Patsio Glacier in Western Himalayas. *Journal of Earth System Science*, **2021**, 130, 1	1.8	1
205	Assessment of toxicity and potential health risk from persistent pesticides and heavy metals along the Delhi stretch of river Yamuna. *Environmental Research*, **2021**, 202, 111780	7.9	3
204	Deciphering the role of meteorological parameters controlling the sediment load and water discharge in the Sutlej basin, Western Himalaya. *Journal of Environmental Management*, **2021**, 298, 113413	7.9	0
203	Spectre of SARS-CoV-2 RNA in the ambient urban waters of Ahmedabad and Guwahati: A tale of two Indian cities. *Environmental Research*, **2021**, 204, 112067	7.9	2

202	Triple Water Vapour Isotopologues Record from Chhota Shigri, Western Himalaya, India: A Unified Interpretation based on ^{17}O, ^{18}O, D and Comparison to Meteorological Parameters. *Frontiers in Earth Science*, **2021**, 8,	3.5	4
201	Mass-balance observation, reconstruction and sensitivity of Stok glacier, Ladakh region, India, between 1978 and 2019. *Journal of Glaciology*, **2020**, 66, 627-642	3.4	17
200	Removal of fluoride from aqueous solution by mesoporous silica nanoparticles functionalized with chitosan derived from mushroom. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2020**, 57, 619-627	2.2	3
199	Assessment of arsenic and uranium co-occurrences in groundwater of central Gangetic Plain, Uttar Pradesh, India. *Environmental Earth Sciences*, **2020**, 79, 1	2.9	16
198	Characterization of Molecular Weight Based Fluorescent Organic Matter and Its Removal in Combination of Constructed Wetland with Activated Sludge Process. *Water, Air, and Soil Pollution*, **2020**, 231, 1	2.6	1
197	Major ion chemistry and atmospheric CO2 consumption deduced from the Batal glacier, Lahaul Spiti valley, Western Himalaya, India. *Environment, Development and Sustainability*, **2020**, 22, 6585-6603	4.5	4
196	Study of isotopic seasonality to assess the water source of proglacial stream in Chhota Shigri Glaciated Basin, Western Himalaya. *Hydrological Processes*, **2020**, 34, 1285-1300	3.3	3
195	Disentangling source of moisture driving glacier dynamics and identification of 8.2 ka event: evidence from pore water isotopes, Western Himalaya. *Scientific Reports*, **2020**, 10, 15324	4.9	4
194	Frontier review on the propensity and repercussion of SARS-CoV-2 migration to aquatic environment.. *Journal of Hazardous Materials Letters*, **2020**, 1, 100001	3.3	23
193	Understanding the interrelationships among mass balance, meteorology, discharge and surface velocity on Chhota Shigri Glacier over 2002-2019 using in situ measurements. *Journal of Glaciology*, **2020**, 66, 727-741	3.4	19
192	Evaluation of Meltwater Quality Using Dissolved Ions Chemistry and Multivariate Statistical Methods: A Case Study of the Manimahesh Glacier, Ravi Basin, Himachal Pradesh, India. *Proceedings of the National Academy of Sciences India Section A - Physical Sciences*, **2020**, 90, 57-66	0.9	2
191	Climate change drives glacier retreat in Bhaga basin located in Himachal Pradesh, India. *Geocarto International*, **2020**, 35, 1179-1198	2.7	14
190	Arsenic Contamination in Environment, Ecotoxicological and Health Effects, and Bioremediation Strategies for Its Detoxification **2020**, 245-264		6
189	Impacts of Anthropogenic Perturbations on Reactive Nitrogen Dynamics in Mangrove Ecosystem: Climate Change Perspective. *Journal of Climate Change*, **2019**, 5, 9-21	0.7	4
188	Switch in chemical weathering caused by the mass balance variability in a Himalayan glacierized basin: a case of Chhota Shigri Glacier. *Hydrological Sciences Journal*, **2019**, 64, 179-189	3.5	7
187	Fluoride Contamination in Groundwater A GIS and Geostatistics Reappraisal **2019**, 309-322		1
186	Delineating sources of groundwater recharge and carbon in Holocene aquifers of the central Gangetic basin using stable isotopic signatures. *Isotopes in Environmental and Health Studies*, **2019**, 55, 254-271	1.5	11
185	Snow and ice melt contributions in a highly glacierized catchment of Chhota Shigri Glacier (India) over the last five decades. *Journal of Hydrology*, **2019**, 574, 760-773	6	24

184	Extreme Climate Event Footprint at Delhi, India: A Comparison of Last One Decade Meteorological Conditions. *Journal of Climate Change*, **2019**, 5, 33-40	0.7	
183	Assessing the potential ecological risk of Co, Cr, Cu, Fe and Zn in the sediments of Hooghly-Matla estuarine system, India. *Environmental Geochemistry and Health*, **2019**, 41, 53-70	4.7	21
182	Comparison of hydrological regime of glacierized Marshyangdi and Tamor river basins of Nepal. *Environmental Earth Sciences*, **2019**, 78, 1	2.9	4
181	An Integrated Novel Approach to Understand the Process of Groundwater Recharge in Mountain and Riparian Zone Aquifer System of Tamil Nadu, India. *Aquatic Geochemistry*, **2019**, 25, 137-159	1.7	7
180	Wastewater Management to Environmental Materials Management **2019**, 2745-2768		2
179	Arsenic speciation of groundwater and agricultural soils in central Gangetic basin, India **2019**, 225-226		0
178	Grain texture as a proxy to understand porosity, permeability and density in Chandra Basin, India. *SN Applied Sciences*, **2019**, 1, 1	1.8	25
177	Geospatial and multivariate analysis of trace metals in tubewell water using for drinking purpose in the upper Gangetic basin, India: Heavy metal pollution index. *Groundwater for Sustainable Development*, **2019**, 8, 122-133	6	38
176	Heavy Metal Distribution and Accumulation from Natural and Anthropogenic Sources in Tropical Mangroves of India and Bangladesh. *Coastal Research Library*, **2018**, 343-363	0.4	2
175	Groundwater chemistry and human health risk assessment in the mining region of East Singhbhum, Jharkhand, India. *Chemosphere*, **2018**, 204, 501-513	8.4	89
174	Climatic Influence on Hydrogeochemistry of Meltwater Draining from Chhota Shigri Glacier, Himachal Pradesh, India. *Journal of Climate Change*, **2018**, 4, 23-31	0.7	1
173	Trace metal distribution, assessment and enrichment in the surface sediments of Sundarban mangrove ecosystem in India and Bangladesh. *Marine Pollution Bulletin*, **2018**, 127, 541-547	6.7	32
172	Suspended sediment dynamics in the meltwater of Chhota Shigri glacier, Chandra basin, Lahaul-Spiti valley, India. *Journal of Mountain Science*, **2018**, 15, 68-81	2.1	5
171	Cauvery River. *Springer Hydrogeology*, **2018**, 353-366	0.4	3
170	Hooghly River. *Springer Hydrogeology*, **2018**, 251-257	0.4	2
169	Impact of seasonality on the nutrient concentrations in Gautami-Godavari Estuarine Mangrove Complex, Andhra Pradesh, India. *Marine Pollution Bulletin*, **2018**, 129, 329-335	6.7	8
168	A study on mountain front recharge by using integrated techniques in the hard rock aquifers of southern India. *Environment, Development and Sustainability*, **2018**, 20, 2243-2259	4.5	3
167	Wintertime surface energy balance of a high-altitude seasonal snow surface in Chhota Shigri glacier basin, Western Himalaya. *Geological Society Special Publication*, **2018**, 462, 155-168	1.7	3

166	Groundwater evolution and its utility in upper Ganges-Yamuna Alluvial plain of Northern India, India: Evidence from solute chemistry and stable isotopes. *Groundwater for Sustainable Development*, **2018**, 7, 400-409	6	13
165	Vertical Geochemical Variations and Speciation Studies of As, Fe, Mn Zn, and Cu in the Sediments of the Central Gangetic Basin: Sequential Extraction and Statistical Approach. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	3
164	Meteorological Characteristics of the Chhota Shigri Glacier, Lahaul-Spiti Valley, Himachal Pradesh, Northern India. *Journal of Climate Change*, **2018**, 4, 41-49	0.7	
163	Wastewater Management to Environmental Materials Management **2018**, 1-24		0
162	Assessment of landfills vulnerability on the groundwater quality located near floodplain of the perennial river and simulation of contaminant transport. *Modeling Earth Systems and Environment*, **2018**, 4, 729-752	3.2	7
161	Hydrogeo-morphological influences for arsenic release and fate in the central Gangetic Basin, India. *Environmental Technology and Innovation*, **2018**, 12, 243-260	7	15
160	Tracer-based estimation of temporal variation of water sources: an insight from supra- and subglacial environments. *Hydrological Sciences Journal*, **2018**, 63, 1717-1732	3.5	5
159	Geochemical assessment of fluoride enrichment and nitrate contamination in groundwater in hard-rock aquifer by using graphical and statistical methods. *Journal of Earth System Science*, **2018**, 127, 1	1.8	20
158	A Nonlinear Statistical Model for Extracting a Climatic Signal From Glacier Mass Balance Measurements. *Journal of Geophysical Research F: Earth Surface*, **2018**, 123, 2228-2242	3.8	10
157	Characterization of Coastal Aquifers in SE Coast of India. *Springer Hydrogeology*, **2018**, 475-495	0.4	1
156	Assessment of the impact of textile effluents on microbial diversity in Tirupur district, Tamil Nadu. *Applied Water Science*, **2017**, 7, 2267-2277	5	17
155	A study on the arsenic concentration in groundwater of a coastal aquifer in south-east India: an integrated approach. *Environment, Development and Sustainability*, **2017**, 19, 1015-1040	4.5	10
154	Qualitative and quantitative assessment of TanDEM-X DEM over western Himalayan glaciated terrain. *Geocarto International*, **2017**, 32, 442-454	2.7	5
153	Sources and dynamics of sedimentary organic matter in Sundarban mangrove estuary from Indo-Gangetic delta. *Ecological Processes*, **2017**, 6,	3.6	19
152	Distribution of Trace Metals in the Sediments of Estuarine-Mangrove Complex across the Indian Coast **2017**, 163-186		3
151	Modelling 60 years of glacier mass balance and runoff for Chhota Shigri Glacier, Western Himalaya, Northern India. *Journal of Glaciology*, **2017**, 63, 618-628	3.4	19
150	Whether conversion of mangrove forest to rice cropland is environmentally and economically viable?. *Agriculture, Ecosystems and Environment*, **2017**, 246, 38-47	5.7	6
149	Comparative Assessment of Volume Change in Kolahoi and Chhota Shigri Glaciers, Western Himalayas, Using Empirical Techniques. *Journal of Climate Change*, **2017**, 3, 37-48	0.7	4

148	Waste water management and water quality of river Yamuna in the megacity of Delhi. *International Journal of Environmental Science and Technology*, **2017**, 14, 2109-2124	3.3	19
147	An assessment of the hydrogeochemistry of two wetlands located in Bihar State in the subtropical climatic zone of India. *Environmental Earth Sciences*, **2017**, 76, 1	2.9	6
146	An attempt to identify and estimate the subsurface groundwater discharge in the south east coast of India. *International Journal of Sustainable Built Environment*, **2017**, 6, 421-433		12
145	Deciphering the Past Climate and Monsoon Variability from Lake Sediment Archives of India: A Review. *Journal of Climate Change*, **2017**, 3, 11-23	0.7	2
144	Glacier Environment and Climate Change in Bhutan An Overview. *Journal of Climate Change*, **2017**, 3, 1-10	0.7	4
143	Hydrogeochemistry of the Chhota Shigri glacier meltwater, Chandra basin, Himachal Pradesh, India: solute acquisition processes, dissolved load and chemical weathering rates. *Environmental Earth Sciences*, **2017**, 76, 1	2.9	11
142	Regional representation of glaciers in Chandra Basin region, western Himalaya, India. *Geoscience Frontiers*, **2017**, 8, 841-850	6	20
141	Characterization of Hydrogeochemical Processes Controlling Major Ion Chemistry of the Batal Glacier Meltwater, Chandra Basin, Himachal Pradesh, India. *Proceedings of the National Academy of Sciences India Section A - Physical Sciences*, **2017**, 87, 145-153	0.9	6
140	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. *Chemosphere*, **2017**, 166, 135-145	8.4	93
139	Meltwater Quality and Quantity Assessment in the Himalayan Glaciers **2017**, 183-193		
138	Reactive Nitrogen Dynamics in the Mangroves of India **2017**, 335-359		
137	Arsenic and other elements in drinking water and dietary components from the middle Gangetic plain of Bihar, India: Health risk index. *Science of the Total Environment*, **2016**, 539, 125-134	10.2	118
136	Blue Carbon Ecosystems and Their Role in Climate Change Mitigation An Overview. *Journal of Climate Change*, **2016**, 2, 1-13	0.7	4
135	Coupling fractionation and batch desorption to understand arsenic and fluoride co-contamination in the aquifer system. *Chemosphere*, **2016**, 164, 657-667	8.4	38
134	Hydrogeochemistry of high-altitude lake: a case study of the Chandra Tal, Western Himalaya, India. *Arabian Journal of Geosciences*, **2016**, 9, 1	1.8	17
133	Assessment of groundwater quality of Lakshimpur district of Bangladesh using water quality indices, geostatistical methods, and multivariate analysis. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	95
132	Spatial variability of fluorine in agricultural soils around Sidhi District, Central India. *Journal of the Geological Society of India*, **2016**, 87, 227-235	1.3	15
131	Understanding the Seasonal Dynamics of the Groundwater Hydrogeochemistry in National Capital Territory (NCT) of India Through Geochemical Modelling. *Aquatic Geochemistry*, **2016**, 22, 211-224	1.7	4

130	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. *Environmental Science and Pollution Research*, **2016**, 23, 8985-99	5.1	42
129	Hydrogeochemical Evolution and Appraisal of Groundwater Quality in Panna District, Central India. *Exposure and Health*, **2016**, 8, 19-30	8.8	18
128	Persistent Pesticides in Fluvial Sediment and Their Relationship with Black Carbon **2016**, 355-359		2
127	Phosphorus fractions in irrigated and rainfed agricultural soils of central India. *Journal of the Indian Society of Soil Science*, **2016**, 64, 148	1	2
126	Arsenic and trace elements in groundwater, vegetables and selected food grains from middle Gangetic plain human health perspective. *Arsenic in the Environment Proceedings*, **2016**, 320-321		
125	Evolution of Arsenic Contamination Process and Mobilization in Central Gangetic Plain Aquifer System and Its Remedial Measures **2016**, 327-337		
124	The Water Tower of India in a Long-term Perspective A Way to Reconstruct Glaciers and Climate in Himachal Pradesh during the last 13,000 Years. *Journal of Climate Change*, **2016**, 2, 103-112	0.7	3
123	Enhancing Resilience for Sustainable Development in Lake Baikal and Baikal Basin: Fresh Water Paradise. *Journal of Climate Change*, **2016**, 2, 61-67	0.7	1
122	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
121	Meteorological conditions, seasonal and annual mass balances of Chhota Shigri Glacier, western Himalaya, India. *Annals of Glaciology*, **2016**, 57, 328-338	2.5	68
120	Identifying Climate Change Information Needs for the Himalayan Region: Results from the GLACINDIA Stakeholder Workshop and Training Program. *Bulletin of the American Meteorological Society*, **2016**, 97, ES37-ES40	6.1	6
119	Glacial runoff and transport of suspended sediment from the Chhota Shigri glacier, Western Himalaya, India. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	14
118	Unsteady state of glaciers (Chhota Shigri and Hamtah) and climate in Lahaul and Spiti region, western Himalayas: a review of recent mass loss. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	5
117	Concentrations of inorganic arsenic in groundwater, agricultural soils and subsurface sediments from the middle Gangetic plain of Bihar, India. *Science of the Total Environment*, **2016**, 573, 1103-1114	10.2	39
116	Elemental composition, distribution and control of biogenic silica in the anthropogenically disturbed and pristine zone inter-tidal sediments of Indian Sundarbans mangrove-estuarine complex. *Marine Pollution Bulletin*, **2016**, 111, 68-85	6.7	11
115	Sediment biomarker profiles trace organic matter input in the Pichavaram mangrove complex, southeastern India. *Marine Chemistry*, **2015**, 171, 44-57	3.7	24
114	Major ion chemistry and assessment of weathering processes of the Patsio glacier meltwater, Western Himalaya, India. *Environmental Earth Sciences*, **2015**, 73, 387-397	2.9	25
113	Hydrogeochemical controls on mobilization of arsenic in groundwater of a part of Brahmaputra river floodplain, India. *Journal of Hydrology: Regional Studies*, **2015**, 4, 154-171	3.6	31

112	Chemical Characteristics of Arsenic Contaminated Groundwater in Parts of Middle-Gangetic Plain (MGP) in Bihar, India **2015**, 143-160		
111	Transportation of Suspended Sediment from Meltwater of the Patsio Glacier, Western Himalaya, India. *Proceedings of the National Academy of Sciences India Section A - Physical Sciences*, **2015**, 85, 169-175	0.9	13
110	Assessment of heavy metal contamination in the surface sediments in the mangrove ecosystem of Gulf of Kachchh, West Coast of India. *Environmental Earth Sciences*, **2015**, 74, 545-556	2.9	19
109	Speciation of selected trace metals (Fe, Mn, Cu and Zn) with depth in the sediments of Sundarban mangroves: India and Bangladesh. *Journal of Soils and Sediments*, **2015**, 15, 2476-2486	3.4	36
108	Suitability of conventional and membrane bioreactor system in textile mill effluent treatment. *Desalination and Water Treatment*, **2015**, 56, 14-23		4
107	Integrated hydrogeochemical, isotopic and geomorphological depiction of the groundwater salinization in the aquifer system of Delhi, India. *Journal of Asian Earth Sciences*, **2015**, 111, 936-947	2.8	15
106	Understanding Hydrogeochemical Processes Governing Arsenic Contamination and Seasonal Variation in the Groundwater of Buxar District, Bihar, India **2015**, 125-141		
105	Assessment of solute and suspended sediments acquisition processes in the Bara Shigri glacier meltwater (Western Himalaya, India). *Environmental Earth Sciences*, **2015**, 74, 2009-2018	2.9	19
104	Dissolved ion chemistry and suspended sediment characteristics of meltwater draining from Chhota Shigri Glacier, western Himalaya, India. *Arabian Journal of Geosciences*, **2015**, 8, 281-293	1.8	33
103	Payment of Ecosystem Service to Alleviate Poverty from Kyrgyz Republic in Central Asia Considering Climate Change and Extreme Weather Condition. *Journal of Climate Change*, **2015**, 1, 119-128	0.7	3
102	Climate Change Impacts and Vulnerability Assessment in Coastal Region of Bangladesh: A Case Study on Shyamnagar Upazila of Satkhira District. *Journal of Climate Change*, **2015**, 1, 37-45	0.7	15
101	Climate Change from Himalayan Glaciers Perspective Case Studies from India. *Journal of Climate Change*, **2015**, 1, 27-35	0.7	0
100	Hydrogeochemical Assessment of Meltwater Quality Using Major Ion Chemistry: A Case Study of Bara Shigri Glacier, Western Himalaya, India. *The National Academy of Sciences, India*, **2015**, 38, 147-151	0.6	14
99	Seasonal changes in surface albedo of Himalayan glaciers from MODIS data and links with the annual mass balance. *Cryosphere*, **2015**, 9, 341-355	5.5	47
98	Remotely sensed debris thickness mapping of Bara Shigri Glacier, Indian Himalaya. *Journal of Glaciology*, **2015**, 61, 675-688	3.4	42
97	Factors influencing spatio-temporal variation of methane and nitrous oxide emission from a tropical mangrove of eastern coast of India. *Atmospheric Environment*, **2015**, 107, 95-106	5.3	36
96	Hydrogeochemistry of Meltwater of the Chaturangi Glacier, Garhwal Himalaya, India. *Proceedings of the National Academy of Sciences India Section A - Physical Sciences*, **2015**, 85, 187-195	0.9	9
95	Hydrogeochemistry and Arsenic Distribution in the Gorakhpur District in the Middle Gangetic Plain, India **2015**, 97-107		4

94	Arsenic Distribution and Mobilization: A Case Study of Three Districts of Uttar Pradesh and Bihar (India) **2015**, 111-123		1
93	Glacier Mass Balance and Its Significance on the Water Resource Management in the Western Himalayas **2015**, 73-83		
92	Persistence, variance and toxic levels of organochlorine pesticides in fluvial sediments and the role of black carbon in their retention. *Environmental Science and Pollution Research*, **2014**, 21, 6525-46	5.1	39
91	Geophysical approach to delineate arsenic hot spots in the alluvial aquifers of Bhagalpur district, Bihar (India) in the central Gangetic plains. *Applied Water Science*, **2014**, 4, 89-97	5	2
90	Rare Earth Elements As Biogeochemical Indicators In Mangrove Ecosystems (Pichavaram, Tamilnadu, India). *Journal of Sedimentary Research*, **2014**, 84, 781-791	2.1	14
89	Biogenic Silica in the Surface Sediment: A Geochemical Indicator in Estuarine Environment of Gulf of Kachchh, Gujarat, India. *The National Academy of Sciences, India*, **2014**, 37, 375-380	0.6	
88	Seasonal variation of the solute and suspended sediment load in Gangotri glacier meltwater, central Himalaya, India. *Journal of Asian Earth Sciences*, **2014**, 79, 224-234	2.8	62
87	Processes governing the mass balance of Chhota Shigri Glacier (western Himalaya, India) assessed by point-scale surface energy balance measurements. *Cryosphere*, **2014**, 8, 2195-2217	5.5	99
86	Methylated and unsubstituted polycyclic aromatic hydrocarbons in street dust from Vietnam and India: occurrence, distribution and in vitro toxicity evaluation. *Environmental Pollution*, **2014**, 194, 272-280	8.3	49
85	Reconstruction of the annual mass balance of Chhota Shigri glacier, Western Himalaya, India, since 1969. *Annals of Glaciology*, **2014**, 55, 69-80	2.5	100
84	Preliminary studies on the characterization of clay minerals in the Sundarban mangrove core sediments, West Bengal, India. *Arabian Journal of Geosciences*, **2014**, 7, 537-544	1.8	4
83	A study on the high fluoride concentration in the magnesium-rich waters of hard rock aquifer in Krishnagiri district, Tamilnadu, India. *Arabian Journal of Geosciences*, **2014**, 7, 273-285	1.8	38
82	Evaluation of arsenic and its controlling factors in aquifer sands of district Samastipur, Bihar, India. *Arsenic in the Environment Proceedings*, **2014**, 108-109		
81	A study on the defluoridation in water by using natural soil. *Applied Water Science*, **2013**, 3, 741-751	5	16
80	Impact assessment of textile effluent on groundwater quality in the vicinity of Tirupur industrial area, southern India. *Environmental Earth Sciences*, **2013**, 70, 3015-3022	2.9	15
79	Major ion composition and seasonal variation in the Lesser Himalayan lake: case of Begnas Lake of the Pokhara Valley, Nepal. *Arabian Journal of Geosciences*, **2013**, 6, 4191-4206	1.8	56
78	Hydrochemical characteristics of groundwater in the plains of Phalgu River in Gaya, Bihar, India. *Arabian Journal of Geosciences*, **2013**, 6, 3257-3267	1.8	33
77	Hydrogeochemical zonation for groundwater management in the area with diversified geological and land-use setup. *Chemie Der Erde*, **2013**, 73, 267-274	4.3	22

76	Temporal Variation in the Major Ion Chemistry of Chhota Shigri Glacier Meltwater, Lahaul–Spiti Valley, Himachal Pradesh, India. *The National Academy of Sciences, India*, **2013**, 36, 335-342	0.6	15
75	Biosorption of arsenite (As(+3)) and arsenate (As(+5)) from aqueous solution by Arthrobacter sp. biomass. *Environmental Technology (United Kingdom)*, **2013**, 34, 2701-8	2.6	100
74	Trace metal fractionation in the Pichavaram mangrove-estuarine sediments in southeast India after the tsunami of 2004. *Environmental Monitoring and Assessment*, **2013**, 185, 8197-213	3.1	12
73	Balanced conditions or slight mass gain of glaciers in the Lahaul and Spiti region (northern India, Himalaya) during the nineties preceded recent mass loss. *Cryosphere*, **2013**, 7, 569-582	5.5	119
72	Study of solute sources and evolution of hydrogeochemical processes of the Chhota Shigri Glacier meltwaters, Himachal Himalaya, India. *Hydrological Sciences Journal*, **2013**, 58, 1128-1143	3.5	39
71	Geochemical and statistical evaluation of groundwater in Imphal and Thoubal district of Manipur, India. *Journal of Asian Earth Sciences*, **2012**, 48, 136-149	2.8	36
70	Polycyclic aromatic hydrocarbon fingerprints in the Pichavaram mangrove–estuarine sediments, southeastern India. *Organic Geochemistry*, **2012**, 53, 88-94	3.1	13
69	Glacier fluctuation using Satellite Data in Beas basin, 1972–2006, Himachal Pradesh, India. *Journal of Earth System Science*, **2012**, 121, 1105-1112	1.8	10
68	Characterization of clay minerals in the Sundarban mangroves river sediments by SEM/EDS. *Journal of the Geological Society of India*, **2012**, 80, 429-434	1.3	25
67	Hydrogeochemical Modelling for Groundwater in Neyveli Aquifer, Tamil Nadu, India, Using PHREEQC: A Case Study. *Natural Resources Research*, **2012**, 21, 311-324	4.9	19
66	Metal speciation studies in the aquifer sediments of Semria Ojhapatti, Bhojpur District, Bihar. *Environmental Monitoring and Assessment*, **2012**, 184, 3027-42	3.1	32
65	Chemical characterisation of meltwater draining from Gangotri Glacier, Garhwal Himalaya, India. *Journal of Earth System Science*, **2012**, 121, 625-636	1.8	43
64	From balance to imbalance: a shift in the dynamic behaviour of Chhota Shigri glacier, western Himalaya, India. *Journal of Glaciology*, **2012**, 58, 315-324	3.4	143
63	Arsenic Contamination of Groundwater in Nepal: An Overview. *Water (Switzerland)*, **2011**, 3, 1-20	3	87
62	Elemental and stable isotope records of organic matter input and its fate in the Pichavaram mangrove–estuarine sediments (Tamil Nadu, India). *Marine Chemistry*, **2011**, 126, 163-172	3.7	47
61	Identification of aquifer-recharge zones and sources in an urban development area (Delhi, India), by correlating isotopic tracers with hydrological features. *Hydrogeology Journal*, **2011**, 19, 463-474	3.1	49
60	Multivariate Statistical Approach to Deduce Hydrogeochemical Processes in the Groundwater Environment of Begusarai District, Bihar. *Water Quality, Exposure, and Health*, **2011**, 3, 119-126		4
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