

# K Brindha

## List of Publications by Citations

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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.

51  
papers

1,389  
citations

23  
h-index

37  
g-index

52  
ext. papers

1,735  
ext. citations

4  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
51	Fluoride contamination in groundwater in parts of Nalgonda District, Andhra Pradesh, India. <i>Environmental Monitoring and Assessment</i> , <b>2011</b> , 172, 481-92	3.1	160
50	Human exposure risk to heavy metals through groundwater used for drinking in an intensively irrigated river delta. <i>Applied Water Science</i> , <b>2017</b> , 7, 3267-3280	5	94
49	Geological and geomorphological controls on groundwater occurrence in a hard rock region. <i>Applied Water Science</i> , <b>2017</b> , 7, 1377-1389	5	85
48	Influence of hydrogeochemical processes on temporal changes in groundwater quality in a part of Nalgonda district, Andhra Pradesh, India. <i>Environmental Earth Sciences</i> , <b>2012</b> , 65, 1203-1213	2.9	77
47	Identification of surface water-groundwater interaction by hydrogeochemical indicators and assessing its suitability for drinking and irrigational purposes in Chennai, Southern India. <i>Applied Water Science</i> , <b>2014</b> , 4, 159-174	5	69
46	Cross comparison of five popular groundwater pollution vulnerability index approaches. <i>Journal of Hydrology</i> , <b>2015</b> , 524, 597-613	6	61
45	Human Exposure Risk Assessment Due to Heavy Metals in Groundwater by Pollution Index and Multivariate Statistical Methods: A Case Study from South Africa. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 234	3	57
44	Fluoride in weathered rock aquifers of southern India: Managed Aquifer Recharge for mitigation. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 8302-16	5.1	54
43	Spatial interpolation methods and geostatistics for mapping groundwater contamination in a coastal area. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 11601-11617	5.1	51
42	Geochemical Characteristics and Groundwater Quality in the Vientiane Plain, Laos. <i>Exposure and Health</i> , <b>2017</b> , 9, 89-104	8.8	50
41	Identification of hydrogeochemical processes controlling groundwater quality in Tripura, Northeast India using evaluation indices, GIS, and multivariate statistical methods. <i>Environmental Earth Sciences</i> , <b>2019</b> , 78, 1	2.9	45
40	Impact of Tanning Industries on Groundwater Quality near a Metropolitan City in India. <i>Water Resources Management</i> , <b>2012</b> , 26, 1747-1761	3.7	43
39	Geochemistry of Fluoride Rich Groundwater in a Weathered Granitic Rock Region, Southern India. <i>Water Quality, Exposure, and Health</i> , <b>2013</b> , 5, 127-138		41
38	Spatial and temporal variation of uranium in a shallow weathered rock aquifer in southern India. <i>Journal of Earth System Science</i> , <b>2011</b> , 120, 911-920	1.8	40
37	Hydrochemical assessment of surface water and groundwater quality along Uyyakondan channel, south India. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 5383-5393	2.9	36
36	Occurrence of uranium in groundwater of a shallow granitic aquifer and its suitability for domestic use in southern India. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2013</b> , 295, 357-367	1.5	31
35	Hydrogeochemical Processes and Trace Metal Contamination in Groundwater: Impact on Human Health in the Maputaland Coastal Aquifer, South Africa. <i>Exposure and Health</i> , <b>2020</b> , 12, 403-426	8.8	28

34	Groundwater Quality and its Hydrochemical Characteristics in a Shallow Weathered Rock Aquifer of Southern India. <i>Water Quality, Exposure, and Health</i> , <b>2015</b> , 7, 515-524		27
33	Trace metals contamination in groundwater and implications on human health: comprehensive assessment using hydrogeochemical and geostatistical methods. <i>Environmental Geochemistry and Health</i> , <b>2020</b> , 42, 3819-3839	4.7	26
32	Evaluation of TMPA 3B43 and NCEP-CFSR precipitation products in drought monitoring over Singapore. <i>International Journal of Remote Sensing</i> , <b>2018</b> , 39, 2089-2104	3.1	26
31	PAHs contamination in groundwater from a part of metropolitan city, India: a study based on sampling over a 10-year period. <i>Environmental Earth Sciences</i> , <b>2014</b> , 71, 5113-5120	2.9	24
30	FIMAR: A new Fluoride Index to mitigate geogenic contamination by Managed Aquifer Recharge. <i>Chemosphere</i> , <b>2019</b> , 220, 381-390	8.4	24
29	International virtual water flows from agricultural and livestock products of India. <i>Journal of Cleaner Production</i> , <b>2017</b> , 161, 922-930	10.3	23
28	Chemical, microbial and antibiotic susceptibility analyses of groundwater after a major flood event in Chennai. <i>Scientific Data</i> , <b>2017</b> , 4, 170135	8.2	23
27	Groundwater flow and radionuclide decay-chain transport modelling around a proposed uranium tailings pond in India. <i>Hydrogeology Journal</i> , <b>2012</b> , 20, 797-812	3.1	23
26	Groundwater quality zonation in a shallow weathered rock aquifer using GIS. <i>Geo-Spatial Information Science</i> , <b>2012</b> , 15, 95-104	3.5	20
25	Spatiotemporal analysis of hydro-meteorological drought in the Johor River Basin, Malaysia. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 135, 825-837	3	20
24	Soil and groundwater quality with reference to nitrate in a semiarid agricultural region. <i>Arabian Journal of Geosciences</i> , <b>2014</b> , 7, 4683-4695	1.8	16
23	Multi-influencing factor method for delineation of groundwater potential zones using remote sensing and GIS techniques in the western part of Perambalur district, southern India. <i>Earth Science Informatics</i> , <b>2020</b> , 13, 317-332	2.5	16
22	Identification of salinization by bromide and fluoride concentration in coastal aquifers near Chennai, southern IndiaPeer review under responsibility of National Water Research Center. View all notes. <i>Water Science</i> , <b>2016</b> , 30, 41-50	1.9	14
21	Regional and temporal variation in minor ions in groundwater of a part of a large river delta, southern India. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 305	3.1	13
20	Geochemical Modelling of the Effects of a Proposed Uranium Tailings Pond on Groundwater Quality. <i>Mine Water and the Environment</i> , <b>2014</b> , 33, 110-120	2.4	9
19	Projected Spatiotemporal Dynamics of Drought under Global Warming in Central Asia. <i>Sustainability</i> , <b>2019</b> , 11, 4421	3.6	8
18	Spatial and Temporal Variation of Groundwater Level and its Relation to Drainage and Intrusive Rocks in a part of Nalgonda District, Andhra Pradesh, India <b>2014</b> , 42, 765-776		8
17	Effect of recharge from a check dam and river bank filtration on geochemical and microbial composition of groundwater. <i>Arabian Journal of Geosciences</i> , <b>2015</b> , 8, 8069-8076	1.8	6

16	Identifying priority watersheds to mitigate flood and drought impacts by novel conjunctive water use management. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	6
15	Impact of Urbanization on Groundwater Quality <b>2019</b> , 179-196		5
14	Virtual water flows, water footprint and water savings from the trade of crop and livestock products of Germany. <i>Water and Environment Journal</i> , <b>2020</b> , 34, 656-668	1.7	5
13	An operational methodology for determining relevant DRASTIC factors and their relative weights in the assessment of aquifer vulnerability to contamination. <i>Environmental Earth Sciences</i> , <b>2021</b> , 80, 1	2.9	5
12	Environmental assessment of water and soil quality in the Vientiane Plain, Lao PDR. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 8, 24-30	6	4
11	Scenario Analysis of Carbon Emissions in the Energy Base, Xinjiang Autonomous Region, China. <i>Sustainability</i> , <b>2019</b> , 11, 4220	3.6	3
10	Methods for Assessing the Groundwater Quality <b>2019</b> , 57-78		3
9	Analysis of Factors Influencing Carbon Emissions in the Energy Base, Xinjiang Autonomous Region, China. <i>Sustainability</i> , <b>2020</b> , 12, 1089	3.6	3
8	National water saving through import of agriculture and livestock products: A case study from India. <i>Sustainable Production and Consumption</i> , <b>2019</b> , 18, 63-71	8.2	3
7	Spatial Analysis of Soil Fertility Parameters in a Part of Nalgonda District, Andhra Pradesh, India <b>2014</b> , 7,		2
6	Assessing the origin and processes controlling groundwater salinization in coastal aquifers through integrated hydrochemical, isotopic and hydrogeochemical modelling techniques. <i>Hydrological Sciences Journal</i> , <b>2021</b> , 66, 152-164	3.5	1
5	Nitrate pollution in groundwater in some rural areas of Nalgonda district, Andhra Pradesh, India <b>2012</b> , 54, 64-70		1
4	Characterisation of Uranium Mining and Tailings Pond Areas by Integrated Remote Sensing, Geophysical, Geological and Hydrogeological Methods. <i>Journal of the Geological Society of India</i> , <b>2020</b> , 95, 377-384	1.3	0
3	Finite element modelling to assess the submarine groundwater discharge in an over exploited multilayered coastal aquifer. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 67456-67471	5.1	0
2	Assessment of Background Uranium Concentration in Groundwater Around a Proposed Mining Area. <i>Springer Geology</i> , <b>2011</b> , 73-80	0.8	
1	Chloride-salinity as indicator of the chemical composition of groundwater: empirical predictive model based on aquifers in Southern Quebec, Canada.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	