

Madhuri S Rishi

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.

42
papers

724
citations

17
h-index

26
g-index

43
ext. papers

1,020
ext. citations

3.2
avg, IF

5.06
L-index

#	Paper	IF	Citations
42	Evaluation of groundwater quality and suitability for irrigation and drinking purposes in southwest Punjab, India using hydrochemical approach. <i>Applied Water Science</i> , 2017 , 7, 3137-3150	5	64
41	Deterministic and probabilistic health risk assessment techniques to evaluate non-carcinogenic human health risk (NHHR) due to fluoride and nitrate in groundwater of Panipat, Haryana, India. <i>Environmental Pollution</i> , 2020 , 259, 113711	9.3	63
40	Integrated approach of heavy metal pollution indices and complexity quantification using chemometric models in the Sirsa Basin, Nalagarh valley, Himachal Pradesh, India. <i>Diqiu Huaxue</i> , 2015 , 34, 620-633		56
39	Groundwater potential assessment of an alluvial aquifer in Yamuna sub-basin (Panipat region) using remote sensing and GIS techniques in conjunction with analytical hierarchy process (AHP) and catastrophe theory (CT). <i>Ecological Indicators</i> , 2020 , 110, 105850	5.8	43
38	Evaluation of groundwater quality and human health risks from fluoride and nitrate in semi-arid region of northern India. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 1833-1862	4.7	38
37	Application of environmetrics statistical models and water quality index for groundwater quality characterization of alluvial aquifer of Nalagarh Valley, Himachal Pradesh, India. <i>Sustainable Water Resources Management</i> , 2016 , 2, 39-53	1.9	36
36	Elucidating hydrochemical properties of groundwater for drinking and agriculture in parts of Punjab, India. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	31
35	Hydrogeochemical characterization of groundwater in alluvial plains of river Yamuna in northern India: An insight of controlling processes. <i>Journal of King Saud University - Science</i> , 2019 , 31, 1245-1253	3.6	31
34	Multivariate analysis and geochemical signatures of groundwater in the agricultural dominated taluks of Jalandhar district, Punjab, India. <i>Journal of Geochemical Exploration</i> , 2020 , 208, 106395	3.8	31
33	Spatial trends in uranium distribution in groundwaters of Southwest Punjab, India - A hydrochemical perspective. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 311, 1937-1945	1.5	25
32	A new indexing approach for evaluating heavy metal contamination in groundwater. <i>Chemosphere</i> , 2020 , 245, 125598	8.4	25
31	Isotope investigation on groundwater recharge and dynamics in shallow and deep alluvial aquifers of southwest Punjab. <i>Applied Radiation and Isotopes</i> , 2017 , 129, 163-170	1.7	23
30	Study on uranium contamination in groundwater of Faridkot and Muktsar districts of Punjab using stable isotopes of water. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 313, 635-639	1.5	21
29	Groundwater quality appraisal for non-carcinogenic human health risks and irrigation purposes in a part of Yamuna sub-basin, India. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020 , 26, 2716-2736	4.9	21
28	Quality characterization and pollution source identification of surface water using multivariate statistical techniques, Nalagarh Valley, Himachal Pradesh, India. <i>Applied Water Science</i> , 2017 , 7, 2137-2156		19
27	Distribution of uranium in groundwaters of Bathinda and Mansa districts of Punjab, India: inferences from an isotope hydrochemical study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 313, 625-633	1.5	18
26	Quality of water resources in Kullu Valley in Himachal Himalayas, India: perspective and prognosis. <i>Applied Water Science</i> , 2018 , 8, 1	5	18

25	Evaluation of nisin-β-lactam antibiotics against clinical strains of Salmonella enterica serovar Typhi. <i>Journal of Antibiotics</i> , 2014 , 67, 807-11	3.7	17
24	Performance of various techniques in estimating missing climatological data over snowbound mountainous areas of Karakoram Himalaya. <i>Meteorological Applications</i> , 2018 , 25, 337-349	2.1	17
23	Integrated geospatial, geostatistical, and remote-sensing approach to estimate groundwater level in North-western India. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	17
22	Evaluation of heavy metal contamination in soil using geochemical indexing approaches and chemometric techniques. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 7467-7486	3.3	15
21	Performance of various gridded temperature and precipitation datasets over Northwest Himalayan Region. <i>Environmental Research Communications</i> , 2020 , 2, 085002	3.1	13
20	A study on the role of hydrogeology on the distribution of uranium in alluvial aquifers of northwest India. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 746	3.1	12
19	Spatiotemporal distribution of dissolved radon in uranium impacted aquifers of southwest Punjab. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020 , 323, 1237-1249	1.5	11
18	Distribution and correlation of radon and uranium and associated hydrogeochemical processes in alluvial aquifers of northwest India. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 38901-38915	5.1	9
17	Integrated GIS-based modelling approach for irrigation water quality suitability zonation in parts of Satluj River Basin, Bist Doab region, North India. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	9
16	Data on fluoride contamination in potable water in alluvial plains of district Panipat, Haryana, India. <i>Data in Brief</i> , 2018 , 20, 1844-1849	1.2	7
15	Quality and Quantity of Groundwater in Highly Exploited Aquifers of Northwest India. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020 , 24, 05019009	2.3	5
14	Radiological and hydrological implications of dissolved radon in alluvial aquifers of western India. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020 , 323, 1257-1267	1.5	5
13	State of groundwater resource: relationship between its depth and sewage contamination in Leh town of Union Territory of Ladakh. <i>Applied Water Science</i> , 2020 , 10, 1	5	4
12	Hydro-geochemical characteristics of groundwater of Sirhind Nala sub-basin (Ghaggar river basin, India) in relation to salinity hazard. <i>International Journal of Environment and Waste Management</i> , 2011 , 8, 62	0.9	4
11	Assessment of recharge source to springs in upper Beas basin of Kullu region, Himachal Pradesh, India using isotopic signatures. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020 , 323, 1217-1225	1.5	4
10	Deciphering pollution vulnerability zones of River Yamuna in relation to existing land use land cover in Panipat, Haryana, India. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 120	3.1	4
9	Suitability of spring water from the Upper Beas River Basin in Kullu Valley (Western Himalaya, India) for drinking and irrigation purposes. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	3
8	Hydrochemical evolution of groundwater in the waterlogged area of southwest Punjab. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	3

7	Presence of Uranium in Groundwater of Punjab: An Overview 2016 , 231-236		1
6	Appraising the factors favouring uranium mobilization and associated health risk assessment in groundwaters of north-western India.. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 229, 113086	7	1
5	Assessment of drinking water quality and non-carcinogenic health risk associated with the feed and treated water of water treatment devices (WTDs) in southwest Punjab, India. <i>Toxin Reviews</i> ,1-15	2.3	0
4	Groundwater quality assessment for drinking and industrial purposes in transboundary aquifers of Gurdaspur district, Punjab, India. <i>International Journal of Environmental Analytical Chemistry</i> ,1-15	1.8	0
3	Multi-parametric analysis of groundwater quality to assess human health risk and hydrogeochemical processes in an agriculturally intensive alluvial aquifer of Northwest India. <i>International Journal of Environmental Analytical Chemistry</i> ,1-19	1.8	0
2	Hydrogeochemical characterization, multi-exposure deterministic and probabilistic health hazard evaluation in groundwater in parts of Northern India. <i>Toxin Reviews</i> ,1-24	2.3	0
1	Spatio-Temporal Study of the Distribution of Land Use and Land Cover Change Pattern in Chandigarh, India Using Remote Sensing and GIS Techniques 2016 , 785-789		