

Madhuri S Rishi

List of Publications by Year in descending order

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42
papers

1,319
citations

331670
21
h-index

377865
34
g-index

43
all docs

43
docs citations

43
times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.5	153
2	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.	5.6	105
3	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.	6.3	89
4	Integrated approach of heavy metal pollution indices and complexity quantification using chemometric models in the Sirsa Basin, Nalagarh valley, Himachal Pradesh, India. <i>Diqui Huaxue</i> , 2015, 34, 620-633.	0.5	87
5	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.	3.4	85
6	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.	3.5	61
7	A new indexing approach for evaluating heavy metal contamination in groundwater. <i>Chemosphere</i> , 2020, 245, 125598.	8.2	53
8	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.	2.1	51
9	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.	3.2	48
10	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.	3.4	40
11	Elucidating hydrochemical properties of groundwater for drinking and agriculture in parts of Punjab, India. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	39
12	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.	1.5	37
13	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.	5.6	36
14	Performance of various gridded temperature and precipitation datasets over Northwest Himalayan Region. <i>Environmental Research Communications</i> , 2020, 2, 085002.	2.3	36
15	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	33
16	Quality of water resources in Kullu Valley in Himachal Himalayas, India: perspective and prognosis. <i>Applied Water Science</i> , 2018, 8, 1.	5.6	31
17	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	31
18	Integrated geospatial, geostatistical, and remote-sensing approach to estimate groundwater level in North-western India. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	29

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19	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	28
20	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	24
21	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.	3.5	24
22	Evaluation of nisin- β -lactam antibiotics against clinical strains of <i>Salmonella enterica</i> serovar Typhi. <i>Journal of Antibiotics</i> , 2014, 67, 807-811.	2.0	23
23	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.	2.9	17
24	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.	2.7	16
25	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.	5.3	16
26	Data on fluoride contamination in potable water in alluvial plains of district Panipat, Haryana, India. <i>Data in Brief</i> , 2018, 20, 1844-1849.	1.0	13
27	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	13
28	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.	5.6	11
29	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.	2.7	11
30	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> , 0, , 1-19.	3.3	11
31	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.	1.3	10
32	Quality and Quantity of Groundwater in Highly Exploited Aquifers of Northwest India. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020, 24, .	2.0	9
33	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	8
34	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	7
35	Hydrochemical evolution of groundwater in the waterlogged area of southwest Punjab. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	7
36	Hydrogeochemical characterization, multi-exposure deterministic and probabilistic health hazard evaluation in groundwater in parts of Northern India. <i>Toxin Reviews</i> , 2023, 42, 204-227.	3.4	6

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37	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. Toxin Reviews, 2022, 41, 536-550.	3.4	5
38	Appraising the factors favouring uranium mobilization and associated health risk assessment in groundwaters of north-western India. Ecotoxicology and Environmental Safety, 2022, 229, 113086.	6.0	5
39	Groundwater quality assessment for drinking and industrial purposes in transboundary aquifers of Gurdaspur district, Punjab, India. International Journal of Environmental Analytical Chemistry, 2024, 104, 389-403.	3.3	5
40	Hydro-geochemical characteristics of groundwater of Sirhind Nala sub-basin (Ghaggar river basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2011, 8, 62.	0.3	4
41	Presence of Uranium in Groundwater of Punjab: An Overview. , 2016, , 231-236.		2
42	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.		0