

Bhavana N Umrikar

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

725
citations

643344

15
h-index

939365

18
g-index

30
all docs

30
docs citations

30
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated approach for the evaluation of groundwater quality through hydro geochemistry and human health risk from Shivganga river basin, Pune, Maharashtra, India. Environmental Science and Pollution Research, 2022, 29, 4311-4333.	2.7	39
2	Drought severity modeling of upper Bhima river basin, western India, using GIS&AHP tools for effective mitigation and resource management. Natural Hazards, 2021, 105, 1165-1188.	1.6	13
3	Land Suitability Analysis for Afforestation in Semi-arid Watershed of Western Ghat, India: A Groundwater Recharge Perspective. , 2021, 5, 136-148.		8
4	Hydrogeological Studies of Urban&Rural Interface in the Northwest Part of Pune Metropolis, India. Urban Book Series, 2021, , 403-414.	0.3	0
5	Seasonal variation in groundwater quality and beneficial use for drinking, irrigation, and industrial purposes from Deccan Basaltic Region, Western India. Environmental Science and Pollution Research, 2021, 28, 26082-26104.	2.7	29
6	Seasonal assessment of groundwater contamination, health risk and chemometric investigation for a hard rock terrain of western India. Environmental Earth Sciences, 2021, 80, 1.	1.3	25
7	Environmental modelling of soil quality, heavy-metal enrichment and human health risk in sub-urbanized semiarid watershed of western India. Modeling Earth Systems and Environment, 2020, 6, 545-556.	1.9	21
8	An implication of boron and fluoride contamination and its exposure risk in groundwater resources in semi-arid region, Western India. Environment, Development and Sustainability, 2020, 22, 7033-7056.	2.7	58
9	Hydrogeochemical characterization of groundwater from semiarid region of western India for drinking and agricultural purposes with special reference to water quality index and potential health risks assessment. Applied Water Science, 2020, 10, 1.	2.8	29
10	Evaluation of groundwater prolific zones in the unconfined basaltic aquifers of Western India using geospatial modeling and MIF technique. Modeling Earth Systems and Environment, 2020, 6, 1807-1821.	1.9	16
11	Assessment of recharge potential zones for groundwater development and management using geospatial and MCDA technologies in semiarid region of Western India. SN Applied Sciences, 2020, 2, 1.	1.5	27
12	Prediction of water quality index using artificial neural network and multiple linear regression modelling approach in Shivganga River basin, India. Modeling Earth Systems and Environment, 2019, 5, 951-962.	1.9	145
13	Identification of erosion-prone areas using modified morphometric prioritization method and sediment production rate: a remote sensing and GIS approach. Geomatics, Natural Hazards and Risk, 2019, 10, 986-1006.	2.0	54
14	Groundwater vulnerability assessment using DRASTIC model: a comparative analysis of conventional, AHP, Fuzzy logic and Frequency ratio method. Modeling Earth Systems and Environment, 2019, 5, 543-553.	1.9	26
15	Integrated geophysical, geospatial and multiple-criteria decision analysis techniques for delineation of groundwater potential zones in a semi-arid hard-rock aquifer in Maharashtra, India. Hydrogeology Journal, 2019, 27, 639-654.	0.9	54
16	Hydrological response-based watershed prioritization in semiarid, basaltic region of western India using frequency ratio, fuzzy logic and AHP method. Environment, Development and Sustainability, 2019, 21, 1809-1833.	2.7	47
17	Impact Assessment of Water Harvesting Structures in Micro-Watersheds of Nira River Basin, Maharashtra, India. Hydrospatial Analysis, 2019, 3, 72-89.	0.5	1
18	Remote Sensing Based Assessment of Agricultural Droughts in Sub-Watersheds of Upper Bhima Basin, India. , 2018, 2, 105-111.		3

#	ARTICLE	IF	CITATIONS
19	Integrated Geomorphological, Geospatial and AHP Technique for Groundwater Prospects Mapping in Basaltic Terrain. , 2018, 2, 16-27.		25
20	Suitability Assessment of Groundwater Quality for Drinking Purpose by Physicochemical Characterization and Water Quality Index from Haveli Region, India. , 2018, 2, 83-90.		3
21	Evaluation of Groundwater Quality for Domestic and Irrigation Suitability from Upper Bhima Basin, Western India: A Hydro-geochemical Perspective. , 2018, 2, 113-123.		3
22	Evaluation of Multiple Hydrometeorological Factors for Prioritization of Water Stress Areas in the Upper Yerala River Basin, Satara, Maharashtra, India. , 2018, , 37-51.		0
23	Morphometric analysis of Andhale watershed, Taluka Mulshi, District Pune, India. Applied Water Science, 2017, 7, 2231-2243.	2.8	37
24	Morphometric prioritization of semi-arid watershed for plant growth potential using GIS technique. Modeling Earth Systems and Environment, 2017, 3, 1663-1673.	1.9	35
25	Identifying Possible Locations to Construct Soil Water Conservation Structures by Using Hydrogeological and Geospatial Analysis. , 2017, 1, 18-27.		22
26	GIS Technique in Management of Watershed Developed along the Konkan Coast, Maharashtra, India. Journal of Geographic Information System, 2015, 07, 280-293.	0.3	4
27	Groundwater Quality and its Suitability for Domestic and Agricultural Use in Khanaqin Town, Iraq. IOSR Journal of Applied Geology and Geophysics, 2014, 2, 57-66.	0.1	0
28	Design of an Online Module: A Case Study in the Field of Geosciences. International Journal of Learning, 2012, 18, 365-372.	0.1	0
29	Morphometric characterization of sub-basins in a hard-rock aquifer system of Maharashtra, India, using geospatial and geostatistical tools. Applied Geomatics, 0, , 1.	1.2	0