Adimalla Narsimha

List of Publications by Year
in descending order

54 papers	4,622 citations	109321 35 h-index	175258 52 g-index
55 all docs	55 docs citations	55 times ranked	1897 citing authors

#	Article	IF	Citations
1	Groundwater quality evaluation using water quality index (WQI) for drinking purposes and human health risk (HHR) assessment in an agricultural region of Nanganur, south India. Ecotoxicology and Environmental Safety, 2019, 176, 153-161.	6.0	299
2	Hydrogeochemical Evaluation of Groundwater Quality for Drinking and Irrigation Purposes and Integrated Interpretation with Water Quality Index Studies. Environmental Processes, 2018, 5, 363-383.	3.5	264
3	Occurrence, health risks, and geochemical mechanisms of fluoride and nitrate in groundwater of the rock-dominant semi-arid region, Telangana State, India. Human and Ecological Risk Assessment (HERA), 2019, 25, 81-103.	3.4	245
4	Groundwater Quality for Drinking and Irrigation Purposes and Potential Health Risks Assessment: A Case Study from Semi-Arid Region of South India. Exposure and Health, 2019, 11, 109-123.	4.9	236
5	Evaluation of groundwater contamination for fluoride and nitrate in semi-arid region of Nirmal Province, South India: A special emphasis on human health risk assessment (HHRA). Human and Ecological Risk Assessment (HERA), 2019, 25, 1107-1124.	3.4	214
6	Spatial distribution and seasonal variation in fluoride enrichment in groundwater and its associated human health risk assessment in Telangana State, South India. Human and Ecological Risk Assessment (HERA), 2018, 24, 2119-2132.	3.4	197
7	Hydrogeochemical investigation of groundwater quality in the hard rock terrain of South India using Geographic Information System (GIS) and groundwater quality index (GWQI) techniques. Groundwater for Sustainable Development, 2020, 10, 100288.	4.6	169
8	Contamination of fluoride in groundwater and its effect on human health: a case study in hard rock aquifers of Siddipet, Telangana State, India. Applied Water Science, 2017, 7, 2501-2512.	5.6	165
9	Geochemical characterization and evaluation of groundwater suitability for domestic and agricultural utility in semi-arid region of Basara, Telangana State, South India. Applied Water Science, 2018, 8, 1.	5.6	160
10	Spatial characteristics of heavy metal contamination and potential human health risk assessment of urban soils: A case study from an urban region of South India. Ecotoxicology and Environmental Safety, 2020, 194, 110406.	6.0	148
11	Mechanism of fluoride enrichment in groundwater of hard rock aquifers in Medak, Telangana State, South India. Environmental Earth Sciences, 2017, 76, 1.	2.7	137
12	Spatial distribution, exposure, and potential health risk assessment from nitrate in drinking water from semi-arid region of South India. Human and Ecological Risk Assessment (HERA), 2020, 26, 310-334.	3.4	132
13	Groundwater quality and associated health risks in a semi-arid region of south India: Implication to sustainable groundwater management. Human and Ecological Risk Assessment (HERA), 2019, 25, 191-216.	3.4	128
14	Heavy metals contamination in urban surface soils of Medak province, India, and its risk assessment and spatial distribution. Environmental Geochemistry and Health, 2020, 42, 59-75.	3.4	124
15	Quality criteria for groundwater use from a rural part of Wanaparthy District, Telangana State, India, through ionic spatial distribution (ISD), entropy water quality index (EWQI) and principal component analysis (PCA). Environmental Geochemistry and Health, 2020, 42, 579-599.	3.4	121
16	Assessment of heavy metal (HM) contamination in agricultural soil lands in northern Telangana, India: an approach of spatial distribution and multivariate statistical analysis. Environmental Monitoring and Assessment, 2019, 191, 246.	2.7	115
17	Heavy metals pollution assessment and its associated human health risk evaluation of urban soils from Indian cities: a review. Environmental Geochemistry and Health, 2020, 42, 173-190.	3.4	114
18	Evaluation of groundwater quality, Peddavagu in Central Telangana (PCT), South India: an insight of controlling factors of fluoride enrichment. Modeling Earth Systems and Environment, 2018, 4, 841-852.	3.4	110

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19	Distribution, contamination, and health risk assessment of heavy metals in surface soils from northern Telangana, India. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	108
20	Controlling factors and mechanism of groundwater quality variation in semiarid region of South India: an approach of water quality index (WQI) and health risk assessment (HRA). Environmental Geochemistry and Health, 2020, 42, 1725-1752.	3.4	108
21	Groundwater chemistry, distribution and potential health risk appraisal of nitrate enriched groundwater: A case study from the semi-urban region of South India. Ecotoxicology and Environmental Safety, 2021, 207, 111277.	6.0	108
22	Spring water quality and discharge assessment in the Basantar watershed of Jammu Himalaya using geographic information system (GIS) and water quality Index(WQI). Groundwater for Sustainable Development, 2020, 10, 100364.	4.6	105
23	Appraisal of groundwater quality for drinking and irrigation purposes in Central Telangana, India. Groundwater for Sustainable Development, 2020, 10, 100334.	4.6	103
24	Assessment of fluoride contamination in groundwater from Basara, Adilabad District, Telangana State, India. Applied Water Science, 2017, 7, 2717-2725.	5.6	87
25	Entropy water quality index and probabilistic health risk assessment from geochemistry of groundwaters in hard rock terrain of Nanganur County, South India. Chemie Der Erde, 2020, 80, 125544.	2.0	85
26	Groundwater quality under land use/land cover changes: A temporal study from 2005 to 2015 in Xiâ€™an, Northwest China. Human and Ecological Risk Assessment (HERA), 2020, 26, 2771-2797.	3.4	80
27	Groundwater chemistry integrating the pollution index of groundwater and evaluation of potential human health risk: A case study from hard rock terrain of south India. Ecotoxicology and Environmental Safety, 2020, 206, 111217.	6.0	79
28	Application of the Entropy Weighted Water Quality Index (EWQI) and the Pollution Index of Groundwater (PIG) to Assess Groundwater Quality for Drinking Purposes: A Case Study in a Rural Area of Telangana State, India. Archives of Environmental Contamination and Toxicology, 2021, 80, 31-40.	4.1	74
29	Assessment of fluoride contamination and distribution: a case study from a rural part of Andhra Pradesh, India. Applied Water Science, 2019, 9, 1.	5.6	59
30	Hydrogeochemistry and fluoride contamination in the hard rock terrain of central Telangana, India: analyses of its spatial distribution and health risk. SN Applied Sciences, 2019, 1, 1.	2.9	56
31	Spatial distribution and health risk assessment of fluoride contamination in groundwater of Telangana: A state-of-the-art. Chemie Der Erde, 2020, 80, 125548.	2.0	45
32	Hydrogeochemical characterization and assessment of water suitability for drinking and irrigation in crystalline rocks of Mothkur region, Telangana State, South India. Applied Water Science, 2018, 8, 1.	5.6	41
33	Assessing groundwater quality and health risks of fluoride pollution in the Shasler Vagu (SV) watershed of Nalgonda, India. Human and Ecological Risk Assessment (HERA), 2020, 26, 1569-1588.	3.4	41
34	Potentially toxic elements (PTEs) pollution in surface soils in a typical urban region of south India: An application of health risk assessment and distribution pattern. Ecotoxicology and Environmental Safety, 2020, 203, 111055.	6.0	41
35	Drinking water pollution with respective of fluoride in the semi-arid region of Basara, Nirmal district, Telangana State, India. Data in Brief, 2018, 16, 752-757.	1.0	37
36	Assessment and Mechanism of Fluoride Enrichment in Groundwater from the Hard Rock Terrain: A Multivariate Statistical Approach. Geochemistry International, 2020, 58, 456-471.	0.7	34

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37	Elevated fluoride concentration levels in rural villages of Siddipet, Telangana State, South India. Data in Brief, 2018, 16, 693-699.	1.0	29
38	Geospatial Distribution and Potential Noncarcinogenic Health Risk Assessment of Nitrate Contaminated Groundwater in Southern India: A Case Study. Archives of Environmental Contamination and Toxicology, 2021, 80, 107-119.	4.1	26
39	Multivariate statistical approach for the assessment of fluoride and nitrate concentration in groundwater from Zaheerabad area, Telangana State, India. Sustainable Water Resources Management, 2019, 5, 785-796.	2.1	24
40	Factors controlling groundwater chemistry of Renigunta area, Chittoor District, Andhra Pradesh, South India: A multivariate statistical approach. HydroResearch, 2019, 1, 57-62.	3.4	23
41	Data on fluoride concentration levels in semi-arid region of Medak, Telangana, South India. Data in Brief, 2018, 16, 717-723.	1.0	21
42	Evaluation of groundwater quality and its suitability for drinking purposes in semi-arid region of Southern India: an application of GIS. Geocarto International, 2022, 37, 10843-10854.	3.5	19
43	Evaluation of non-carcinogenic causing health risks (NCHR) associated with exposure of fluoride and nitrate contaminated groundwater from a semi-arid region of south India. Environmental Science and Pollution Research, 2023, 30, 81370-81385.	5.3	18
44	Hydrogeochemical data on groundwater quality with special emphasis on fluoride enrichment in Munneru river basin (MRB), Telangana State, South India. Data in Brief, 2018, 17, 339-346.	1.0	17
45	Remote Sensing and GIS applications in Geoscience. Applied Computing and Geosciences, 2021, 11, 100065.	2.2	13
46	Introductory editorial for â€˜Applied Water Scienceâ€™ special issue: â€œGroundwater contamination and risk assessment with an application of GISâ€• Applied Water Science, 2020, 10, 1.	5.6	11
47	Groundwater quality delineation based on fuzzy comprehensive assessment method (FCAM): a case study. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	9
48	Geochemical behavior of fluoride-rich groundwater in Markapur, Andhra Pradesh, South India. Data in Brief, 2018, 18, 87-95.	1.0	7
49	Introductory Editorial Special Issue: â€œGroundwater quality and contamination and the application of GISâ€• Environmental Earth Sciences, 2020, 79, 1.	2.7	4
50	Source Identification and Ecological Risk of Polycyclic Aromatic Hydrocarbons in Soils and Groundwater. Ecological Chemistry and Engineering S, 2021, 28, 355-363.	1.5	4
51	Hydrogeochemical Characterization of Groundwater Using Conventional Graphical, Geospatial and Multivariate Statistical Techniques. Springer Hydrogeology, 2021, , 81-96.	0.3	3
52	Appraisal of vulnerable zones of non-carcinogenic and carcinogenic causing health risks associated with exposure of potentially toxic elements in soils of India: a meta-analysis. Geocarto International, 2022, 37, 10619-10635.	3.5	3
53	Exploring spatial distribution pattern of COVID-19 incidence in Telangana state, India. Spatial Information Research, 0, , 1.	2.2	0
54	Application of GIS to evaluate the groundwater quality for drinking purposes in semiarid region of Telangana state, India. , 2022, , 191-200.		0