

Ashwani Kumar Tiwari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/290326/publications.pdf>

Version: 2024-02-01

43
papers

1,597
citations

279701

23
h-index

302012

39
g-index

45
all docs

45
docs citations

45
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogeochemical investigation and groundwater quality assessment of Pratapgarh district, Uttar Pradesh. <i>Journal of the Geological Society of India</i> , 2014, 83, 329-343.	0.5	180
2	Evaluation of Surface Water Quality by Using GIS and a Heavy Metal Pollution Index (HPI) Model in a Coal Mining Area, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 304-310.	1.3	129
3	Hydrogeochemical analysis and evaluation of surface water quality of Pratapgarh district, Uttar Pradesh, India. <i>Applied Water Science</i> , 2017, 7, 1609-1623.	2.8	101
4	Assessment of groundwater quality status by using water quality index (WQI) and geographic information system (GIS) approaches: a case study of the Bokaro district, India. <i>Applied Water Science</i> , 2020, 10, 1.	2.8	77
5	Estimation of Heavy Metal Contamination in Groundwater and Development of a Heavy Metal Pollution Index by Using GIS Technique. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 508-515.	1.3	75
6	Evaluation of groundwater salinization and pollution level on Favignana Island, Italy. <i>Environmental Pollution</i> , 2019, 249, 969-981.	3.7	75
7	A GIS based DRASTIC model for assessing groundwater vulnerability of Katri Watershed, Dhanbad, India. <i>Modeling Earth Systems and Environment</i> , 2015, 1, 1.	1.9	69
8	Risk Assessment Due to Intake of Metals in Groundwater of East Bokaro Coalfield, Jharkhand, India. <i>Exposure and Health</i> , 2016, 8, 265-275.	2.8	58
9	Assessment of Mine Water Quality Using Heavy Metal Pollution Index in a Coal Mining Area of Damodar River Basin, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 54-61.	1.3	55
10	Hydrogeochemical characterization and groundwater quality assessment in a coal mining area, India. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	52
11	Evaluation of aquifer vulnerability in a coal mining of India by using GIS-based DRASTIC model. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	51
12	3D characterisation and quantification of an offshore freshened groundwater system in the Canterbury Bight. <i>Nature Communications</i> , 2020, 11, 1372.	5.8	48
13	Identification of artificial groundwater recharging zone using a GIS-based fuzzy logic approach: a case study in a coal mine area of the Damodar Valley, India. <i>Applied Water Science</i> , 2017, 7, 4513-4524.	2.8	47
14	Evaluation of hydrogeochemical processes and groundwater quality for suitability of drinking and irrigation purposes: a case study in the Aosta Valley region, Italy. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	46
15	Assessment of groundwater quality of Pratapgarh district in India for suitability of drinking purpose using water quality index (WQI) and GIS technique. <i>Sustainable Water Resources Management</i> , 2018, 4, 601-616.	1.0	46
16	Evaluation of hydrogeological factors and their relationship with seasonal water table fluctuation in Dhanbad district, Jharkhand, India. <i>ISH Journal of Hydraulic Engineering</i> , 2015, 21, 193-206.	1.1	42
17	Assessment of groundwater geochemistry and diffusion of hexavalent chromium contamination in an industrial town of Italy. <i>Journal of Contaminant Hydrology</i> , 2019, 225, 103503.	1.6	39
18	Environmental Geochemistry and a Quality Assessment of Mine Water of the West Bokaro Coalfield, India. <i>Mine Water and the Environment</i> , 2016, 35, 525-535.	0.9	37

#	ARTICLE	IF	CITATIONS
19	Assessment of Hydrogeochemical Processes and Mine Water Suitability for Domestic, Irrigation, and Industrial Purposes in East Bokaro Coalfield, India. <i>Mine Water and the Environment</i> , 2018, 37, 493-504.	0.9	34
20	GIS based evaluation of fluoride contamination and assessment of fluoride exposure dose in groundwater of a district in Uttar Pradesh, India. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 56-66.	1.7	33
21	Assessment of risk to human health due to intake of chromium in the groundwater of the Aosta Valley region, Italy. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 1153-1163.	1.7	31
22	Biochar-Supported TiO ₂ -Based Nanocomposites for the Photocatalytic Degradation of Sulfamethoxazole in Water—A Review. <i>Toxics</i> , 2021, 9, 313.	1.6	30
23	Relevamiento de la contaminación por metales en el agua de mina del Área carbonífera West Bokaro, India. <i>Mine Water and the Environment</i> , 2017, 36, 532-541.	0.9	29
24	Evaluation of Metal Contamination in the Groundwater of the Aosta Valley Region, Italy. <i>International Journal of Environmental Research</i> , 2017, 11, 291-300.	1.1	26
25	Assessment of Groundwater Quality of the Central Gangetic Plain Area of India Using Geospatial and WQI Techniques. <i>Journal of the Geological Society of India</i> , 2018, 92, 743-752.	0.5	25
26	Assessment of groundwater level fluctuation by using remote sensing and GIS in West Bokaro coalfield, Jharkhand, India. <i>ISH Journal of Hydraulic Engineering</i> , 2016, 22, 59-67.	1.1	24
27	Evaluation of metal contamination and risk assessment to human health in a coal mine region of India: A case study of the North Karanpura coalfield. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 2011-2023.	1.7	21
28	Hydrogeochemical evaluation of groundwater quality and seasonal variation in East Bokaro coalfield region, Jharkhand. <i>Journal of the Geological Society of India</i> , 2016, 88, 173-184.	0.5	15
29	Assessment of groundwater geochemistry and human health risk of an intensively cropped alluvial plain, NW Italy. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 825-845.	1.7	15
30	Groundwater-level risk assessment by using statistical and geographic information system (GIS) techniques: a case study in the Aosta Valley region, Italy. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1396-1406.	2.0	14
31	An integrated multivariate statistical analysis and hydrogeochemical approaches to identify the major factors governing the chemistry of water resources in a mountain region of northwest Italy. <i>Carbonates and Evaporites</i> , 2019, 34, 955-973.	0.4	14
32	Integrated approaches to identify the major controlling factors of groundwater chemistry and quality assessment for suitability of different uses in West Singhbhum, India. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	11
33	Role of Integrated Approaches in Water Resources Management: Antofagasta Region, Chile. <i>Sustainability</i> , 2021, 13, 1297.	1.6	10
34	Hydrogeochemical characteristics of the Indus river water system. <i>Chemistry and Ecology</i> , 2021, 37, 780-808.	0.6	10
35	Hydrogeochemical investigation and qualitative assessment of surface water resources in West Bokaro coalfield, India. <i>Journal of the Geological Society of India</i> , 2016, 87, 85-96.	0.5	9
36	Assessment of Sulphate and Iron Contamination and Seasonal Variations in the Water Resources of a Damodar Valley Coalfield, India: A Case Study. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 271-279.	1.3	7

#	ARTICLE	IF	CITATIONS
37	Quantitative assessment of groundwater resource potential in a coalfield of Damodar River Basin India. Sustainable Water Resources Management, 2018, 4, 509-517.	1.0	4
38	Major ion chemistry and hydrochemical processes controlling water composition of Teesta River catchment, Sikkim Himalaya, India. International Journal of Environmental Analytical Chemistry, 2023, 103, 8597-8615.	1.8	3
39	A modified GALDIT-NUTS index to assess Favignana Island aquifer vulnerability. Geocarto International, 2022, 37, 11706-11731.	1.7	3
40	A Review Summary on Multiple Aspects of Coal Seam Sequestration. , 2016, , 161-182.		0
41	Evaluation of Water Level Behavior in Coal-Mining Area, Adjacent Township, and District Areas of Jharkhand State, India. Springer Hydrogeology, 2018, , 261-278.	0.1	0
42	Evaluation of Shallow Ground Water Quality: A Case Study for a Coal Mining Environment (East) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 5	0.1	0
43	ASSESSMENT OF HYDROGEOCHEMICAL CHARACTERIZATION AND GROUNDWATER QUALITY USING GEOSTATISTICAL AND GIS TECHNIQUES: A CASE IN THE NORTH PART OF ITALY. , 2017, , .		0