

# Ashwani Kumar Tiwari

## List of Publications by Year in descending order

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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	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
2	A modified GALDIT-NUTS index to assess Favignana Island aquifer vulnerability. Geocarto International, 2022, 37, 11706-11731.	1.7	3
3	Assessment of groundwater geochemistry and human health risk of an intensively cropped alluvial plain, NW Italy. Human and Ecological Risk Assessment (HERA), 2021, 27, 825-845.	1.7	15
4	Evaluation of Shallow Ground Water Quality: A Case Study for a Coal Mining Environment (East Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 6	0.1	0
5	Role of Integrated Approaches in Water Resources Management: Antofagasta Region, Chile. Sustainability, 2021, 13, 1297.	1.6	10
6	Integrated approaches to identify the major controlling factors of groundwater chemistry and quality assessment for suitability of different uses in West Singhbhum, India. Environmental Earth Sciences, 2021, 80, 1.	1.3	11
7	Biochar-Supported TiO <sub>2</sub> -Based Nanocomposites for the Photocatalytic Degradation of Sulfamethoxazole in Water—A Review. Toxics, 2021, 9, 313.	1.6	30
8	Hydrogeochemical characteristics of the Indus river water system. Chemistry and Ecology, 2021, 37, 780-808.	0.6	10
9	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. Applied Water Science, 2020, 10, 1.	2.8	77
10	3D characterisation and quantification of an offshore freshened groundwater system in the Canterbury Bight. Nature Communications, 2020, 11, 1372.	5.8	48
11	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. Carbonates and Evaporites, 2019, 34, 955-973.	0.4	14
12	Assessment of groundwater geochemistry and diffusion of hexavalent chromium contamination in an industrial town of Italy. Journal of Contaminant Hydrology, 2019, 225, 103503.	1.6	39
13	Evaluation of groundwater salinization and pollution level on Favignana Island, Italy. Environmental Pollution, 2019, 249, 969-981.	3.7	75
14	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. Human and Ecological Risk Assessment (HERA), 2018, 24, 2011-2023.	1.7	21
15	Assessment of Sulphate and Iron Contamination and Seasonal Variations in the Water Resources of a Damodar Valley Coalfield, India: A Case Study. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 271-279.	1.3	7
16	Assessment of Hydrogeochemical Processes and Mine Water Suitability for Domestic, Irrigation, and Industrial Purposes in East Bokaro Coalfield, India. Mine Water and the Environment, 2018, 37, 493-504.	0.9	34
17	Assessment of groundwater quality of Pratapgarh district in India for suitability of drinking purpose using water quality index (WQI) and GIS technique. Sustainable Water Resources Management, 2018, 4, 601-616.	1.0	46
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Assessment of Groundwater Quality of the Central Gangetic Plain Area of India Using Geospatial and WQI Techniques. Journal of the Geological Society of India, 2018, 92, 743-752.	0.5	25
21	Hydrogeochemical analysis and evaluation of surface water quality of Pratapgarh district, Uttar Pradesh, India. Applied Water Science, 2017, 7, 1609-1623.	2.8	101
22	Relevamiento de la contaminación por metales en el agua de mina del Área carbonífera West Bokaro, India. Mine Water and the Environment, 2017, 36, 532-541.	0.9	29
23	Assessment of risk to human health due to intake of chromium in the groundwater of the Aosta Valley region, Italy. Human and Ecological Risk Assessment (HERA), 2017, 23, 1153-1163.	1.7	31
24	Assessment of Mine Water Quality Using Heavy Metal Pollution Index in a Coal Mining Area of Damodar River Basin, India. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 54-61.	1.3	55
25	Evaluation of Metal Contamination in the Groundwater of the Aosta Valley Region, Italy. International Journal of Environmental Research, 2017, 11, 291-300.	1.1	26
26	Evaluation of hydrogeochemical processes and groundwater quality for suitability of drinking and irrigation purposes: a case study in the Aosta Valley region, Italy. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	46
27	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. Applied Water Science, 2017, 7, 4513-4524.	2.8	47
28	Groundwater-level risk assessment by using statistical and geographic information system (GIS) techniques: a case study in the Aosta Valley region, Italy. Geomatics, Natural Hazards and Risk, 2017, 8, 1396-1406.	2.0	14
29	GIS based evaluation of fluoride contamination and assessment of fluoride exposure dose in groundwater of a district in Uttar Pradesh, India. Human and Ecological Risk Assessment (HERA), 2017, 23, 56-66.	1.7	33
30	ASSESSMENT OF HYDROGEOCHEMICAL CHARACTERIZATION AND GROUNDWATER QUALITY USING GEOSTATISTICAL AND GIS TECHNIQUES: A CASE IN THE NORTH PART OF ITALY. , 2017, , .		0
31	Evaluation of aquifer vulnerability in a coal mining of India by using GIS-based DRASTIC model. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	51
32	A Review Summary on Multiple Aspects of Coal Seam Sequestration. , 2016, , 161-182.		0
33	Estimation of Heavy Metal Contamination in Groundwater and Development of a Heavy Metal Pollution Index by Using GIS Technique. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 508-515.	1.3	75
34	Risk Assessment Due to Intake of Metals in Groundwater of East Bokaro Coalfield, Jharkhand, India. Exposure and Health, 2016, 8, 265-275.	2.8	58
35	Hydrogeochemical characterization and groundwater quality assessment in a coal mining area, India. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	52
36	Hydrogeochemical evaluation of groundwater quality and seasonal variation in East Bokaro coalfield region, Jharkhand. Journal of the Geological Society of India, 2016, 88, 173-184.	0.5	15

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37	Hydrogeochemical investigation and qualitative assessment of surface water resources in West Bokaro coalfield, India. Journal of the Geological Society of India, 2016, 87, 85-96.	0.5	9
38	Environmental Geochemistry and a Quality Assessment of Mine Water of the West Bokaro Coalfield, India. Mine Water and the Environment, 2016, 35, 525-535.	0.9	37
39	Assessment of groundwater level fluctuation by using remote sensing and GIS in West Bokaro coalfield, Jharkhand, India. ISH Journal of Hydraulic Engineering, 2016, 22, 59-67.	1.1	24
40	Evaluation of hydrogeological factors and their relationship with seasonal water table fluctuation in Dhanbad district, Jharkhand, India. ISH Journal of Hydraulic Engineering, 2015, 21, 193-206.	1.1	42
41	Evaluation of Surface Water Quality by Using GIS and a Heavy Metal Pollution Index (HPI) Model in a Coal Mining Area, India. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 304-310.	1.3	129
42	A GIS based DRASTIC model for assessing groundwater vulnerability of Katri Watershed, Dhanbad, India. Modeling Earth Systems and Environment, 2015, 1, 1.	1.9	69
43	Hydrogeochemical investigation and groundwater quality assessment of Pratapgarh district, Uttar Pradesh. Journal of the Geological Society of India, 2014, 83, 329-343.	0.5	180