Soma Giri

List of Publications by Year
in descending order

23 papers	698 citations	623188 14 h-index	610482 24 g-index
24 all docs	24 docs citations	24 times ranked	822 citing authors

#	Article	IF	Citations
1	Risk assessment, statistical source identification and seasonal fluctuation of dissolved metals in the Subarnarekha River, India. Journal of Hazardous Materials, 2014, 265, 305-314.	6.5	121
2	Assessment of Surface Water Quality Using Heavy Metal Pollution Index in Subarnarekha River, India. Water Quality, Exposure, and Health, 2014, 5, 173-182.	1.5	111
3	Metal contamination of agricultural soils in the copper mining areas of Singhbhum shear zone in India. Journal of Earth System Science, 2017, 126, 1.	0.6	59
4	Human health risk assessment due to dietary intake of heavy metals through rice in the mining areas of Singhbhum Copper Belt, India. Environmental Science and Pollution Research, 2017, 24, 14945-14956.	2.7	46
5	Risk assessment due to intake of heavy metals through the ingestion of groundwater around two proposed uranium mining areas in Jharkhand, India. Environmental Monitoring and Assessment, 2012, 184, 1351-1358.	1.3	41
6	Monte Carlo simulation-based probabilistic health risk assessment of metals in groundwater via ingestion pathway in the mining areas of Singhbhum copper belt, India. International Journal of Environmental Health Research, 2020, 30, 447-460.	1.3	41
7	Risk assessment due to ingestion of natural radionuclides and heavy metals in the milk samples: a case study from a proposed uranium mining area, Jharkhand. Environmental Monitoring and Assessment, 2011, 175, 157-166.	1.3	40
8	Human health risk and ecological risk assessment of metals in fishes, shrimps and sediment from a tropical river. International Journal of Environmental Science and Technology, 2015, 12, 2349-2362.	1.8	36
9	An Evaluation of Metal Contamination in Surface and Groundwater around a Proposed Uranium Mining Site, Jharkhand, India. Mine Water and the Environment, 2010, 29, 225-234.	0.9	30
10	Heavy metals in eggs and chicken and the associated human health risk assessment in the mining areas of Singhbhum copper belt, India. Archives of Environmental and Occupational Health, 2019, 74, 161-170.	0.7	27
11	Assessment of metal pollution in groundwater using a novel multivariate metal pollution index in the mining areas of the Singhbhum copper belt. Environmental Earth Sciences, 2019, 78, 1.	1.3	26
12	Natural radionuclides in fish species from surface water of Bagjata and Banduhurang uranium mining areas, East Singhbhum, Jharkhand, India. International Journal of Radiation Biology, 2010, 86, 946-956.	1.0	22
13	Development of a new noncarcinogenic heavy metal pollution index for quality ranking of vegetable, rice, and milk. Ecological Indicators, 2020, 113, 106214.	2.6	17
14	Estimation of annual effective dose due to ingestion of natural radionuclides in foodstuffs and water at a proposed uranium mining site in India. International Journal of Radiation Biology, 2013, 89, 1071-1078.	1.0	16
15	Human health risk assessment due to metals in cowâ€™s milk from Singhbhum copper and iron mining areas, India. Journal of Food Science and Technology, 2020, 57, 1415-1420.	1.4	13
16	Non-carcinogenic health risk assessment for fluoride and nitrate in the groundwater of the mica belt of Jharkhand, India. Human and Ecological Risk Assessment (HERA), 2021, 27, 1939-1953.	1.7	12
17	Multivariate linear regression models for predicting metal content and sources in leafy vegetables and human health risk assessment in metal mining areas of Southern Jharkhand, India. Environmental Science and Pollution Research, 2021, 28, 27250-27260.	2.7	11
18	Metals in Some Edible Fish and Shrimp Species Collected in Dry Season from Subarnarekha River, India. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 226-233.	1.3	10

#	Article	IF	Citations
19	Dose estimates for the local inhabitants from²¹⁰Po ingestion via dietary sources at a proposed uranium mining site in India. International Journal of Radiation Biology, 2012, 88, 540-546.	1.0	5
20	Fluoride exposure and its potential health risk assessment through ingestion of food in the mica mining areas of Jharkhand, India. Human and Ecological Risk Assessment (HERA), 2022, 28, 507-520.	1.7	5
21	Metal contamination of groundwater in the mica mining areas of Jharkhand: assessing seasonal variation, sources and human health risk. International Journal of Environmental Analytical Chemistry, 2023, 103, 8281-8294.	1.8	4
22	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
23	Spatial and temporal variation in distribution of metals in bed sediments of Subarnarekha River, India. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	1