Alok Chandra Samal

List of Publications by Year
in descending order

20 papers	1,042 citations	623734 14 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	1099 citing authors

#	Article	IF	Citations
1	Arsenic Contamination in Rice, Wheat, Pulses, and Vegetables: A Study in an Arsenic Affected Area of West Bengal, India. Water, Air, and Soil Pollution, 2010, 213, 3-13.	2.4	192
2	Arsenic in Foodchain and Community Health Risk: A Study in Gangetic West Bengal. Procedia Environmental Sciences, 2013, 18, 2-13.	1.4	138
3	Accumulation of arsenic and its distribution in rice plant (Oryza sativa L.) in Gangetic West Bengal, India. Paddy and Water Environment, 2010, 8, 63-70.	1.8	132
4	Health risk assessment of co-occurrence of toxic fluoride and arsenic in groundwater of Dharmanagar region, North Tripura (India). Groundwater for Sustainable Development, 2020, 11, 100430.	4.6	62
5	Human exposure to arsenic through foodstuffs cultivated using arsenic contaminated groundwater in areas of West Bengal, India. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 1259-1265.	1.7	61
6	Effects of gamma irradiation on edible seed protein, amino acids and genomic DNA during sterilization. Food Chemistry, 2009, 114, 1237-1244.	8.2	54
7	In vitro assessment on the impact of soil arsenic in the eight rice varieties of West Bengal, India. Journal of Hazardous Materials, 2013, 262, 1091-1097.	12.4	54
8	A study to investigate fluoride contamination and fluoride exposure dose assessment in lateritic zones of West Bengal, India. Environmental Science and Pollution Research, 2015, 22, 6220-6229.	5.3	54
9	Assessment of potential health risk of fluoride consumption through rice, pulses, and vegetables in addition to consumption of fluoride-contaminated drinking water of West Bengal, India. Environmental Science and Pollution Research, 2017, 24, 20300-20314.	5.3	51
10	Status of groundwater arsenic contamination in all 17 blocks of Nadia district in the state of West Bengal, India: A 23-year study report. Journal of Hydrology, 2014, 518, 363-372.	5.4	47
11	Variety-specific arsenic accumulation in 44 different rice cultivars (O. sativa L.) and human health risks due to co-exposure of arsenic-contaminated rice and drinking water. Journal of Hazardous Materials, 2021, 407, 124804.	12.4	47
12	Arsenic contamination, impact and mitigation strategies in rice agro-environment: An inclusive insight. Science of the Total Environment, 2021, 800, 149477.	8.0	47
13	Metallic components of traffic-induced urban aerosol, their spatial variation, and source apportionment. Environmental Monitoring and Assessment, 2010, 168, 561-574.	2.7	45
14	Arsenicosis and its relationship with nutritional status in two arsenic affected areas of West Bengal, India. Journal of Asian Earth Sciences, 2013, 77, 303-310.	2.3	26
15	Heavy Metal Accumulation Potential of Some Wetland Plants Growing Naturally in the City of Kolkata, India. American Journal of Plant Sciences, 2016, 07, 2112-2137.	0.8	11
16	Diversity of epiphytic lichens and their role in sequestration of atmospheric metals. International Journal of Environmental Science and Technology, 2014, 11, 899-908.	3.5	10
17	A Greenhouse Pot Experiment to Study Arsenic Accumulation in Rice Varieties Selected from Gangetic Bengal, India. , 2015, , 265-274.		4
18	Assessment of Potential Health Risk through Arsenic Flow in Food Chainâ€"A Study in Gangetic Delta of West Bengal. , 2010, , 259-269.		4

#	Article	IF	Citations
19	Distribution of heavy metals in the sediments of Hooghly, Jalangi and Churni river in the regions of Murshidabad and Nadia districts of West Bengal, India. International Journal of Experimental Research and Review, 0, 27, 59-68.	0.0	2
20	An Overview on Indian Patents on Biotechnology. Recent Patents on Biotechnology, 2016, 9, 198-213.	0.8	1