

# Ashok Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

870  
citations

566801

15  
h-index

552369

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro(nano)plastics pollution and human health: How plastics can induce carcinogenesis to humans?. <i>Chemosphere</i> , 2022, 298, 134267.	4.2	120
2	Solute chemistry and arsenic fate in aquifers between the Himalayan foothills and Indian craton (including central Gangetic plain): Influence of geology and geomorphology. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 90, 283-302.	1.6	98
3	Pilot study on arsenic removal from groundwater using a small-scale reverse osmosis system—Towards sustainable drinking water production. <i>Journal of Hazardous Materials</i> , 2016, 318, 671-678.	6.5	77
4	Health Risk Assessment Due to Groundwater Arsenic Contamination: Children Are at High Risk. <i>Human and Ecological Risk Assessment (HERA)</i> , 2012, 18, 751-766.	1.7	70
5	Arsenic exposure in Indo Gangetic plains of Bihar causing increased cancer risk. <i>Scientific Reports</i> , 2021, 11, 2376.	1.6	60
6	On the relation between fluvio-deltaic flood basin geomorphology and the wide-spread occurrence of arsenic pollution in shallow aquifers. <i>Science of the Total Environment</i> , 2017, 574, 901-913.	3.9	52
7	Arsenite oxidation by a facultative chemolithotrophic <i>Delftia</i> spp. BAs29 for its potential application in groundwater arsenic bioremediation. <i>International Biodeterioration and Biodegradation</i> , 2019, 136, 55-62.	1.9	42
8	Arsenic exposure from food exceeds that from drinking water in endemic area of Bihar, India. <i>Science of the Total Environment</i> , 2021, 754, 142082.	3.9	42
9	Distribution and Geochemical Controls of Arsenic and Uranium in Groundwater-Derived Drinking Water in Bihar, India. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2500.	1.2	36
10	Wheat is an emerging exposure route for arsenic in Bihar, India. <i>Science of the Total Environment</i> , 2020, 703, 134774.	3.9	31
11	Emerging organic contaminants in groundwater under a rapidly developing city (Patna) in northern India dominated by high concentrations of lifestyle chemicals. <i>Environmental Pollution</i> , 2021, 268, 115765.	3.7	31
12	Earthworms: nature's chemical managers and detoxifying agents in the environment: an innovative study on treatment of toxic wastewaters from the petroleum industry by vermifiltration technology. <i>The Environmentalist</i> , 2012, 32, 445-452.	0.7	30
13	Ground water arsenic contamination: A local survey in India. <i>International Journal of Preventive Medicine</i> , 2016, 7, 100.	0.2	27
14	Impact of Covid-19 Lockdown on Availability of Drinking Water in the Arsenic-Affected Ganges River Basin. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2832.	1.2	19
15	High Arsenic Concentration in Blood Samples of People of Village Gyaspur Mahaji, Patna, Bihar Drinking Arsenic-Contaminated Water. <i>Exposure and Health</i> , 2020, 12, 131-140.	2.8	18
16	Comparative quantification study of arsenic in the groundwater and biological samples of simri village of Buxar District, Bihar, India. <i>Indian Journal of Occupational and Environmental Medicine</i> , 2019, 23, 126.	0.6	15
17	Bioaccumulation of Fluoride in Plants and Its Microbially Assisted Remediation: A Review of Biological Processes and Technological Performance. <i>Processes</i> , 2021, 9, 2154.	1.3	13
18	Fabrication of a vermifiltration unit for wastewater recycling and performance of vermifiltered water (vermiaqua) on onion ( <i>Allium cepa</i> ). <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2019, 8, 405-415.	2.0	12

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19	Organic Carbon transport model of abandoned river channels - A motif for floodplain geomorphology influencing biogeochemical swaying of arsenic. <i>Science of the Total Environment</i> , 2021, 762, 144400.	3.9	11
20	Assessment of hypertension association with arsenic exposure from food and drinking water in Bihar, India. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112572.	2.9	11
21	Assessment of disease burden in the arsenic exposed population of Chapar village of Samastipur district, Bihar, India, and related mitigation initiative. <i>Environmental Science and Pollution Research</i> , 2022, 29, 27443-27459.	2.7	11
22	Assessment of arsenic exposure in the population of Sabalpur village of Saran District of Bihar with mitigation approach. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43923-43934.	2.7	10
23	Chronic Arsenic Exposure and Risk of Post Kala-azar Dermal Leishmaniasis Development in India: A Retrospective Cohort Study. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005060.	1.3	8
24	Arsenic in Drinking Water: An Emerging Human Right Challenge in India. , 2016, , 55-81.		6
25	Analysis of mitochondrial DNA copy number variation in blood and tissue samples of metastatic breast cancer patients (A pilot study). <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 100931.	0.7	6
26	Assessment of Arsenic Contamination in Groundwater and Affected Population of Bihar. , 2021, , 165-191.		5
27	Assessment of arsenic exposure and its mitigation intervention in severely exposed population of Buxar district of Bihar, India. <i>Toxicology and Environmental Health Sciences</i> , 2021, 13, 287-297.	1.1	5
28	Protective efficacy of <i>Coriandrum sativum</i> seeds against arsenic induced toxicity in Swiss albino mice. <i>Toxicological Research</i> , 2022, 38, 437-447.	1.1	3
29	Prevalence of High Arsenic Concentration in Darbhanga District of Bihar: Health Assessment. , 2016, 06, .		1