

# Ayan De

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/577423/publications.pdf>

Version: 2024-02-01

17  
papers

472  
citations

687363

13  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow of arsenic between rice grain and water: Its interaction, accumulation and distribution in different fractions of cooked rice. <i>Science of the Total Environment</i> , 2020, 731, 138937.	8.0	63
2	Health risk assessment of co-occurrence of toxic fluoride and arsenic in groundwater of Dharmanagar region, North Tripura (India). <i>Groundwater for Sustainable Development</i> , 2020, 11, 100430.	4.6	62
3	Rice seed (IR64) priming with potassium humate for improvement of seed germination, seedling growth and antioxidant defense system under arsenic stress. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112313.	6.0	38
4	Arsenic toxicity in livestock growing in arsenic endemic and control sites of West Bengal: risk for human and environment. <i>Environmental Geochemistry and Health</i> , 2021, 43, 3005-3025.	3.4	38
5	Health effect and risk assessment of the populations exposed to different arsenic levels in drinking water and foodstuffs from four villages in arsenic endemic Gaighata block, West Bengal, India. <i>Environmental Geochemistry and Health</i> , 2021, 43, 3027-3053.	3.4	37
6	Evaluation of Acute and Chronic Arsenic Exposure on School Children from Exposed and Apparently Control Areas of West Bengal, India. <i>Exposure and Health</i> , 2021, 13, 33-50.	4.9	37
7	Fluoride exposure and its potential health risk assessment in drinking water and staple food in the population from fluoride endemic regions of Bihar, India. <i>Groundwater for Sustainable Development</i> , 2021, 13, 100558.	4.6	35
8	Monsoonal paddy cultivation with phase-wise arsenic distribution in exposed and control sites of West Bengal, alongside its assimilation in rice grain. <i>Journal of Hazardous Materials</i> , 2020, 400, 123206.	12.4	31
9	Distribution, prevalence and health risk assessment of fluoride and arsenic in groundwater from lower Gangetic plain in West Bengal, India. <i>Groundwater for Sustainable Development</i> , 2022, 16, 100722.	4.6	25
10	Pollution index and health risk assessment of arsenic through different groundwater sources and its load on soil-paddy-rice system in a part of Murshidabad district of West Bengal, India. <i>Groundwater for Sustainable Development</i> , 2021, 15, 100652.	4.6	24
11	Fluoride Exposure and Probabilistic Health Risk Assessment Through Different Agricultural Food Crops From Fluoride Endemic Bankura and Purulia Districts of West Bengal, India. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	22
12	Rice grain arsenic and nutritional content during post harvesting to cooking: A review on arsenic bioavailability and bioaccessibility in humans. <i>Food Research International</i> , 2022, 154, 111042.	6.2	22
13	Effect of sulfate application on inhibition of arsenic bioaccumulation in rice ( <i>Oryza sativa</i> L.) with consequent health risk assessment of cooked rice arsenic on human: A pot to plate study. <i>Environmental Pollution</i> , 2022, 293, 118561.	7.5	16
14	Impact of treated drinking water on arsenicosis patients with continuous consumption of contaminated dietary foodstuffs: A longitudinal health effect study from arsenic prone area, West Bengal, India. <i>Groundwater for Sustainable Development</i> , 2022, 18, 100786.	4.6	10
15	Vitamin C and E supplementation can ameliorate NaF mediated testicular and spermatozoal DNA damages in adult Wistar rats. <i>Biomarkers</i> , 2022, , 1-14.	1.9	7
16	Arsenic and Its Effect on Nutritional Properties of Oyster Mushrooms with Reference to Health Risk Assessment. <i>Biological Trace Element Research</i> , 2021, 199, 1170-1178.	3.5	5
17	Arsenic accumulation in paddy plant during pre-monsoon cultivation and its additional entry in rice grain through Post harvesting technology. , 2019, , .		0