

Aminur Rahman

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

795
citations

586496

16
h-index

620720

26
g-index

35
all docs

35
docs citations

35
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy Metals in Widely Consumed Vegetables Grown in Industrial Areas of Bangladesh: a Potential Human Health Hazard. <i>Biological Trace Element Research</i> , 2023, 201, 995-1005.	1.9	13
2	Rare earth elements (REE) for the removal and recovery of phosphorus: A review. <i>Chemosphere</i> , 2022, 286, 131661.	4.2	43
3	Lead and other elements-based pollution in soil, crops and water near a lead-acid battery recycling factory in Bangladesh. <i>Chemosphere</i> , 2022, 290, 133288.	4.2	38
4	Adsorption–Desorption Behavior of Arsenate Using Single and Binary Iron-Modified Biochars: Thermodynamics and Redox Transformation. <i>ACS Omega</i> , 2022, 7, 101-117.	1.6	14
5	Grafting of Cellulose and Microcrystalline Cellulose with Oligo(L-lactic acid) by Polycondensation Reaction. <i>Reactions</i> , 2022, 3, 213-223.	0.9	5
6	Removal of arsenate from contaminated waters by novel zirconium and zirconium-iron modified biochar. <i>Journal of Hazardous Materials</i> , 2021, 409, 124488.	6.5	84
7	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
8	Efficiency of Arsenic and Iron Removal Plants (AIRPs) for Groundwater Treatment in Rural Areas of Southwest Bangladesh. <i>Water (Switzerland)</i> , 2021, 13, 354.	1.2	5
9	Sorption of PFOS in 114 Well-Characterized Tropical and Temperate Soils: Application of Multivariate and Artificial Neural Network Analyses. <i>Environmental Science & Technology</i> , 2021, 55, 1779-1789.	4.6	36
10	Quality assessment of harvested rainwater and seasonal variations in the southwest coastal area, Bangladesh. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	3
11	Manganese in potable water of nine districts, Bangladesh: human health risk. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45663-45675.	2.7	18
12	Antimonate sequestration from aqueous solution using zirconium, iron and zirconium-iron modified biochars. <i>Scientific Reports</i> , 2021, 11, 8113.	1.6	9
13	Transformation of Antimonate at the Biochar–Solution Interface. <i>ACS ES&T Water</i> , 2021, 1, 2029-2036.	2.3	10
14	Health Risk Assessment of Arsenic, Manganese, and Iron from Drinking Water for High School Children. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	6
15	Distribution, contamination status and source of trace elements in the soil around brick kilns. <i>Chemosphere</i> , 2021, 263, 127882.	4.2	27
16	Biodegradable composite adsorbent of modified cellulose and chitosan to remove heavy metal ions from aqueous solution. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100119.	2.9	37
17	Kinetics, Isotherms and Adsorption–Desorption Behavior of Phosphorus from Aqueous Solution Using Zirconium–Iron and Iron Modified Biosolid Biochars. <i>Water (Switzerland)</i> , 2021, 13, 3320.	1.2	9
18	Arsenic in Peruvian rice cultivated in the major rice growing region of Tumbes river basin. <i>Chemosphere</i> , 2020, 241, 125070.	4.2	17

#	ARTICLE	IF	CITATIONS
19	Wheat is an emerging exposure route for arsenic in Bihar, India. <i>Science of the Total Environment</i> , 2020, 703, 134774.	3.9	31
20	Geochemical fractionation and mineralogy of metal(loid)s in abandoned mine soils: Insights into arsenic behaviour and implications to remediation. <i>Journal of Hazardous Materials</i> , 2020, 399, 123029.	6.5	29
21	Deep and shallow tubewell water from an arsenic-contaminated area in rural Bangladesh: risk-based status. <i>International Journal of Energy and Water Resources</i> , 2020, 4, 163-179.	1.3	9
22	Potential ecological risk of metal pollution in lead smelter-contaminated agricultural soils in Khulna, Bangladesh. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 351.	1.3	12
23	Trace elements in rice grain and agricultural soils: assessment of health risk of inhabitants near a former secondary lead smelter in Khulna, Bangladesh. <i>Environmental Geochemistry and Health</i> , 2019, 41, 2521-2532.	1.8	15
24	Coliform Bacteria and Trace Metals in Drinking Water, Southwest Bangladesh: Multivariate and Human Health Risk Assessment. <i>International Journal of Environmental Research</i> , 2019, 13, 395-408.	1.1	26
25	Easy preparation of recyclable thermally stable visible-light-active graphitic-C ₃ N ₄ /TiO ₂ nanocomposite photocatalyst for efficient decomposition of hazardous organic industrial pollutants in aqueous medium. <i>Research on Chemical Intermediates</i> , 2019, 45, 1753-1773.	1.3	23
26	Evaluation of harvested rainwater quality at primary schools of southwest coastal Bangladesh. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 80.	1.3	20
27	Arsenic, iron and chloride in drinking water at primary school, Satkhira, Bangladesh. <i>Physics and Chemistry of the Earth</i> , 2019, 109, 49-58.	1.2	19
28	Contamination of arsenic, manganese and coliform bacteria in groundwater at Kushtia District, Bangladesh: human health vulnerabilities. <i>Journal of Water and Health</i> , 2018, 16, 782-795.	1.1	27
29	Bioaccumulation and adverse effects of persistent organic pollutants (POPs) on ecosystems and human exposure: A review study on Bangladesh perspectives. <i>Environmental Technology and Innovation</i> , 2018, 12, 115-131.	3.0	52
30	Trace metals concentration in vegetables of a sub-urban industrial area of Bangladesh and associated health risk assessment. <i>AIMS Environmental Science</i> , 2018, 5, 130-142.	0.7	16
31	Characterization of wastewater from Jhenaidah municipality area, Bangladesh: A combined physico-chemical and statistical approach. <i>AIMS Environmental Science</i> , 2018, 5, 389-401.	0.7	5
32	Hair burning and liming in tanneries is a source of pollution by arsenic, lead, zinc, manganese and iron. <i>Environmental Chemistry Letters</i> , 2017, 15, 501-506.	8.3	70
33	Potable water quality monitoring of primary schools in Magura district, Bangladesh: children's health risk assessment. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 680.	1.3	17
34	Chemical Analysis of Drinking Water Samples of Some Primary Schools from Magura District, Bangladesh. <i>Journal of Water Resources and Ocean Science</i> , 2016, 5, 73.	0.4	1
35	Drinking water quality, exposure and health risk assessment for the school-going children at school time in the southwest coastal of Bangladesh. <i>Journal of Water Sanitation and Hygiene for Development</i> , 0, , .	0.7	7