Aminur Rahman

List of Publications by Year
in descending order

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35	795	516710 16	552781 26
papers	citations	h-index	g-index

35	35	35	748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of arsenate from contaminated waters by novel zirconium and zirconium-iron modified biochar. Journal of Hazardous Materials, 2021, 409, 124488.	12.4	84
2	Hair burning and liming in tanneries is a source of pollution by arsenic, lead, zinc, manganese and iron. Environmental Chemistry Letters, 2017, 15, 501-506.	16.2	70
3	Bioaccumulation and adverse effects of persistent organic pollutants (POPs) on ecosystems and human exposure: A review study on Bangladesh perspectives. Environmental Technology and Innovation, 2018, 12, 115-131.	6.1	52
4	Rare earth elements (REE) for the removal and recovery of phosphorus: A review. Chemosphere, 2022, 286, 131661.	8.2	43
5	Arsenic exposure from food exceeds that from drinking water in endemic area of Bihar, India. Science of the Total Environment, 2021, 754, 142082.	8.0	42
6	Lead and other elements-based pollution in soil, crops and water near a lead-acid battery recycling factory in Bangladesh. Chemosphere, 2022, 290, 133288.	8.2	38
7	Biodegradable composite adsorbent of modified cellulose and chitosan to remove heavy metal ions from aqueous solution. Current Research in Green and Sustainable Chemistry, 2021, 4, 100119.	5.6	37
8	Sorption of PFOS in 114 Well-Characterized Tropical and Temperate Soils: Application of Multivariate and Artificial Neural Network Analyses. Environmental Science & Technology, 2021, 55, 1779-1789.	10.0	36
9	Wheat is an emerging exposure route for arsenic in Bihar, India. Science of the Total Environment, 2020, 703, 134774.	8.0	31
10	Geochemical fractionation and mineralogy of metal(loid)s in abandoned mine soils: Insights into arsenic behaviour and implications to remediation. Journal of Hazardous Materials, 2020, 399, 123029.	12.4	29
11	Contamination of arsenic, manganese and coliform bacteria in groundwater at Kushtia District, Bangladesh: human health vulnerabilities. Journal of Water and Health, 2018, 16, 782-795.	2.6	27
12	Distribution, contamination status and source of trace elements in the soil around brick kilns. Chemosphere, 2021, 263, 127882.	8.2	27
13	Coliform Bacteria and Trace Metals in Drinking Water, Southwest Bangladesh: Multivariate and Human Health Risk Assessment. International Journal of Environmental Research, 2019, 13, 395-408.	2.3	26
14	Easy preparation of recyclable thermally stable visible-light-active graphitic-C3N4/TiO2 nanocomposite photocatalyst for efficient decomposition of hazardous organic industrial pollutants in aqueous medium. Research on Chemical Intermediates, 2019, 45, 1753-1773.	2.7	23
15	Evaluation of harvested rainwater quality at primary schools of southwest coastal Bangladesh. Environmental Monitoring and Assessment, 2019, 191, 80.	2.7	20
16	Arsenic, iron and chloride in drinking water at primary school, Satkhira, Bangladesh. Physics and Chemistry of the Earth, 2019, 109, 49-58.	2.9	19
17	Manganese in potable water of nine districts, Bangladesh: human health risk. Environmental Science and Pollution Research, 2021, 28, 45663-45675.	5.3	18
18	Potable water quality monitoring of primary schools in Magura district, Bangladesh: childrenâ€™s health risk assessment. Environmental Monitoring and Assessment, 2016, 188, 680.	2.7	17

#	Article	IF	Citations
19	Arsenic in Peruvian rice cultivated in the major rice growing region of Tumbes river basin. Chemosphere, 2020, 241, 125070.	8.2	17
20	Trace metals concentration in vegetables of a sub-urban industrial area of Bangladesh and associated health risk assessment. AIMS Environmental Science, 2018, 5, 130-142.	1.4	16
21	Trace elements in rice grain and agricultural soils: assessment of health risk of inhabitants near a former secondary lead smelter in Khulna, Bangladesh. Environmental Geochemistry and Health, 2019, 41, 2521-2532.	3.4	15
22	Adsorptionâ€“Desorption Behavior of Arsenate Using Single and Binary Iron-Modified Biochars: Thermodynamics and Redox Transformation. ACS Omega, 2022, 7, 101-117.	3.5	14
23	Heavy Metals in Widely Consumed Vegetables Grown in Industrial Areas of Bangladesh: a Potential Human Health Hazard. Biological Trace Element Research, 2023, 201, 995-1005.	3.5	13
24	Potential ecological risk of metal pollution in lead smelter-contaminated agricultural soils in Khulna, Bangladesh. Environmental Monitoring and Assessment, 2019, 191, 351.	2.7	12
25	Transformation of Antimonate at the Biocharâ€“Solution Interface. ACS ES&T Water, 2021, 1, 2029-2036.	4.6	10
26	Deep and shallow tubewell water from an arsenic-contaminated area in rural Bangladesh: risk-based status. International Journal of Energy and Water Resources, 2020, 4, 163-179.	2.2	9
27	Antimonate sequestration from aqueous solution using zirconium, iron and zirconium-iron modified biochars. Scientific Reports, 2021, 11, 8113.	3.3	9
28	Kinetics, Isotherms and Adsorptionâ€“Desorption Behavior of Phosphorus from Aqueous Solution Using Zirconiumâ€“Iron and Iron Modified Biosolid Biochars. Water (Switzerland), 2021, 13, 3320.	2.7	9
29	Drinking water quality, exposure and health risk assessment for the school-going children at school time in the southwest coastal of Bangladesh. Journal of Water Sanitation and Hygiene for Development, 0, , .	1.8	7
30	Health Risk Assessment of Arsenic, Manganese, and Iron from Drinking Water for High School Children. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	6
31	Efficiency of Arsenic and Iron Removal Plants (AIRPs) for Groundwater Treatment in Rural Areas of Southwest Bangladesh. Water (Switzerland), 2021, 13, 354.	2.7	5
32	Characterization of wastewater from Jhenaidah municipality area, Bangladesh: A combined physico-chemical and statistical approach. AIMS Environmental Science, 2018, 5, 389-401.	1.4	5
33	Grafting of Cellulose and Microcrystalline Cellulose with Oligo(L-lactic acid) by Polycondensation Reaction. Reactions, 2022, 3, 213-223.	2.1	5
34	Quality assessment of harvested rainwater and seasonal variations in the southwest coastal area, Bangladesh. Environmental Earth Sciences, 2021, 80, 1.	2.7	3
35	Chemical Analysis of Drinking Water Samples of Some Primary Schools from Magura District, Bangladesh. Journal of Water Resources and Ocean Science, 2016, 5, 73.	0.4	1