

S M Ashekuzzaman

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

680
citations

840119

11
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

888
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic Contaminated Groundwater and Its Treatment Options in Bangladesh. International Journal of Environmental Research and Public Health, 2013, 10, 18-46.	1.2	95
2	Study on the sorption-desorption-regeneration performance of Ca-, Mg- and CaMg-based layered double hydroxides for removing phosphate from water. Chemical Engineering Journal, 2014, 246, 97-105.	6.6	90
3	Optimizing feed composition for improved methane yield during anaerobic digestion of cow manure based waste mixtures. Bioresource Technology, 2011, 102, 2213-2218.	4.8	84
4	Dairy industry derived wastewater treatment sludge: Generation, type and characterization of nutrients and metals for agricultural reuse. Journal of Cleaner Production, 2019, 230, 1266-1275.	4.6	70
5	Development of novel inorganic adsorbent for water treatment. Current Opinion in Chemical Engineering, 2012, 1, 191-199.	3.8	58
6	Strategic phosphate removal/recovery by a re-usable Mg-Fe-Cl layered double hydroxide. Chemical Engineering Research and Design, 2017, 107, 454-462.	2.7	52
7	Dairy processing sludge and co-products: A review of present and future re-use pathways in agriculture. Journal of Cleaner Production, 2021, 314, 128035.	4.6	44
8	Removal of Arsenic (As^{III}) from groundwater applying a reusable Mg-Fe-Cl layered double hydroxide. Journal of Chemical Technology and Biotechnology, 2015, 90, 1160-1166.	1.6	39
9	Heavy Metals Accumulation in Coastal Sediments. , 2016, , 21-42.		32
10	Grassland Phosphorus and Nitrogen Fertiliser Replacement value of Dairy Processing Dewatered Sludge. Sustainable Production and Consumption, 2021, 25, 363-373.	5.7	25
11	Differing Phosphorus Crop Availability of Aluminium and Calcium Precipitated Dairy Processing Sludge Potential Recycled Alternatives to Mineral Phosphorus Fertiliser. Agronomy, 2021, 11, 427.	1.3	14
12	Landspreading with co-digested cattle slurry, with or without pasteurisation, as a mitigation strategy against pathogen, nutrient and metal contamination associated with untreated slurry. Science of the Total Environment, 2020, 744, 140841.	3.9	12
13	Novel Use of Dairy Processing Sludge Derived Pyrogenic Char (DPS-PC) to Remove Phosphorus in Discharge Effluents. Waste and Biomass Valorization, 2020, 11, 1453-1465.	1.8	10
14	Systematic Review of Dairy Processing Sludge and Secondary STRUBIAS Products Used in Agriculture. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	10
15	Preparation and evaluation of layered double hydroxides (LDHs) for phosphate removal. Desalination and Water Treatment, 2015, 55, 836-843.	1.0	9
16	An examination of maximum legal application rates of dairy processing and associated STRUBIAS fertilising products in agriculture. Journal of Environmental Management, 2022, 301, 113880.	3.8	9
17	Characterisation of dairy processing sludge using energy dispersive X-ray fluorescence spectroscopy. Chemical Engineering Research and Design, 2019, 127, 206-210.	2.7	8
18	Potential loss of nutrients, carbon and metals in simulated runoff associated with dairy processing sludge application. International Journal of Environmental Science and Technology, 2020, 17, 3955-3968.	1.8	7

#	ARTICLE	IF	CITATIONS
19	Risk Assessment of E. coli Survival Up to the Grazing Exclusion Period After Dairy Slurry, Cattle Dung, and Biosolids Application to Grassland. <i>Frontiers in Sustainable Food Systems</i> , 2018, 2, .	1.8	5
20	Use of Ca- and Mg-type layered double hydroxide adsorbent to reduce phosphate concentration in secondary effluent of domestic wastewater treatment plant. , 0, 127, 64-70.		5
21	The Impact of Bio-Based Fertilizer Integration Into Conventional Grassland Fertilization Programmes on Soil Bacterial, Fungal, and Nematode Communities. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	1.8	2