

Kumuduni Niroshika Palansooriya

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,823
citations

623574

14
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

2589
citing authors

#	ARTICLE	IF	CITATIONS
1	Special issue on biochar technologies, production, and environmental applications in <i>Critical Reviews in Environmental Science & Technology</i> during 2017â€“2021. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3375-3383.	6.6	7
2	Biochar alters chemical and microbial properties of microplastic-contaminated soil. <i>Environmental Research</i> , 2022, 209, 112807.	3.7	43
3	Prediction of Soil Heavy Metal Immobilization by Biochar Using Machine Learning. <i>Environmental Science & Technology</i> , 2022, 56, 4187-4198.	4.6	138
4	Effect of LDPE microplastics on chemical properties and microbial communities in soil. <i>Soil Use and Management</i> , 2022, 38, 1481-1492.	2.6	15
5	Engineered biochar as a potential adsorbent for carbon dioxide capture. , 2022, , 345-359.		1
6	Fe(III) loaded chitosan-biochar composite fibers for the removal of phosphate from water. <i>Journal of Hazardous Materials</i> , 2021, 415, 125464.	6.5	88
7	How biochar works, and when it doesn't: A review of mechanisms controlling soil and plant responses to biochar. <i>GCB Bioenergy</i> , 2021, 13, 1731-1764.	2.5	286
8	Natural and engineered clays and clay minerals for the removal of poly- and perfluoroalkyl substances from water: State-of-the-art and future perspectives. <i>Advances in Colloid and Interface Science</i> , 2021, 297, 102537.	7.0	51
9	Occurrence of contaminants in drinking water sources and the potential of biochar for water quality improvement: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 549-611.	6.6	143
10	Soil amendments for immobilization of potentially toxic elements in contaminated soils: A critical review. <i>Environment International</i> , 2020, 134, 105046.	4.8	701
11	Biochar and its importance on nutrient dynamics in soil and plant. <i>Biochar</i> , 2020, 2, 379-420.	6.2	266
12	Carbonaceous inserts from lignocellulosic and non-lignocellulosic sources in cement mortar: Preparation conditions and its effect on hydration kinetics and physical properties. <i>Construction and Building Materials</i> , 2020, 264, 120214.	3.2	29
13	Microbe mediated immobilization of arsenic in the rice rhizosphere after incorporation of silica impregnated biochar composites. <i>Journal of Hazardous Materials</i> , 2020, 398, 123096.	6.5	46
14	Bioaccumulation of potentially toxic elements by submerged plants and biofilms: A critical review. <i>Environment International</i> , 2019, 131, 105015.	4.8	65
15	Particulate plastics as a vector for toxic trace-element uptake by aquatic and terrestrial organisms and human health risk. <i>Environment International</i> , 2019, 131, 104937.	4.8	337
16	Response of microbial communities to biochar-amended soils: a critical review. <i>Biochar</i> , 2019, 1, 3-22.	6.2	419
17	Impacts of biochar application on upland agriculture: A review. <i>Journal of Environmental Management</i> , 2019, 234, 52-64.	3.8	184
18	Translocation of Endosulfan from Soil to Ginseng (<i>Panax ginseng</i> C. A. Meyer). <i>Agriculture (Switzerland)</i> , 2018, 8, 52.	1.4	4