

Tharanga Dissanayaka Mudiyansele

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

581
citations

1040056

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12
docs citations

12
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical and biological immobilization mechanisms of potentially toxic elements in biochar-amended soils. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 903-978.	12.8	157
2	Mechanisms for the removal of Cd(II) and Cu(II) from aqueous solution and mine water by biochars derived from agricultural wastes. <i>Chemosphere</i> , 2020, 254, 126745.	8.2	115
3	Role of woody biochar and fungal-bacterial co-inoculation on enzyme activity and metal immobilization in serpentine soil. <i>Journal of Soils and Sediments</i> , 2017, 17, 665-673.	3.0	80
4	Efficacy of woody biomass and biochar for alleviating heavy metal bioavailability in serpentine soil. <i>Environmental Geochemistry and Health</i> , 2017, 39, 391-401.	3.4	63
5	Plant growth promotion by <i>Bradyrhizobium japonicum</i> under heavy metal stress. <i>South African Journal of Botany</i> , 2016, 105, 19-24.	2.5	56
6	Biochar aging alters the bioavailability of cadmium and microbial activity in acid contaminated soils. <i>Journal of Hazardous Materials</i> , 2021, 420, 126666.	12.4	24
7	Soil Enzyme Activities in Waste Biochar Amended Multi-Metal Contaminated Soil; Effect of Different Pyrolysis Temperatures and Application Rates. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 635-643.	1.4	23
8	A preliminary study of the role of bacterial–fungal co-inoculation on heavy metal phytotoxicity in serpentine soil. <i>Australian Journal of Botany</i> , 2015, 63, 261.	0.6	21
9	The effects of biochar aging on rhizosphere microbial communities in cadmium-contaminated acid soil. <i>Chemosphere</i> , 2022, 303, 135153.	8.2	15
10	Interactive effects of biochar type and pH on the bioavailability of As and Cd and microbial activities in co-contaminated soils. <i>Environmental Technology and Innovation</i> , 2021, 23, 101767.	6.1	12
11	Iodine in commercial edible iodized salts and assessment of iodine exposure in Sri Lanka. <i>Archives of Public Health</i> , 2016, 74, 21.	2.4	8
12	Phytoremediation of Shooting Range Soils. , 2016, , 469-488.		7