

Indika Herath

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,131
citations

331259

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610482

24
g-index

24
all docs

24
docs citations

24
times ranked

2495
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimony as a global dilemma: Geochemistry, mobility, fate and transport. <i>Environmental Pollution</i> , 2017, 223, 545-559.	3.7	331
2	Interaction of arsenic with biochar in soil and water: A critical review. <i>Carbon</i> , 2017, 113, 219-230.	5.4	292
3	Natural Arsenic in Global Groundwaters: Distribution and Geochemical Triggers for Mobilization. <i>Current Pollution Reports</i> , 2016, 2, 68-89.	3.1	177
4	Kinetics, thermodynamics and mechanistic studies of carbofuran removal using biochars from tea waste and rice husks. <i>Chemosphere</i> , 2016, 150, 781-789.	4.2	169
5	Equilibrium and kinetic mechanisms of woody biochar on aqueous glyphosate removal. <i>Chemosphere</i> , 2016, 144, 2516-2521.	4.2	158
6	Mechanistic modeling of glyphosate interaction with rice husk derived engineered biochar. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 280-288.	2.2	125
7	Biochar versus bone char for a sustainable inorganic arsenic mitigation in water: What needs to be done in future research?. <i>Environment International</i> , 2019, 127, 52-69.	4.8	101
8	Mechanistic understanding of crystal violet dye sorption by woody biochar: implications for wastewater treatment. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1647-1661.	1.8	101
9	Seven potential sources of arsenic pollution in Latin America and their environmental and health impacts. <i>Science of the Total Environment</i> , 2021, 780, 146274.	3.9	97
10	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.	1.5	80
11	Arsenic in Latin America: A critical overview on the geochemistry of arsenic originating from geothermal features and volcanic emissions for solving its environmental consequences. <i>Science of the Total Environment</i> , 2020, 716, 135564.	3.9	65
12	Efficacy of woody biomass and biochar for alleviating heavy metal bioavailability in serpentine soil. <i>Environmental Geochemistry and Health</i> , 2017, 39, 391-401.	1.8	63
13	Effects of carbon nanotube and biochar on bioavailability of Pb, Cu and Sb in multi-metal contaminated soil. <i>Environmental Geochemistry and Health</i> , 2017, 39, 1409-1420.	1.8	53
14	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
15	Insights into aqueous carbofuran removal by modified and non-modified rice husk biochars. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22755-22763.	2.7	45
16	Thiolated arsenic in natural systems: What is current, what is new and what needs to be known. <i>Environment International</i> , 2018, 115, 370-386.	4.8	45
17	Bioenergy-derived waste biochar for reducing mobility, bioavailability, and phytotoxicity of chromium in anthropized tannery soil. <i>Journal of Soils and Sediments</i> , 2017, 17, 731-740.	1.5	38
18	Hydrogeochemical controls on arsenic mobility in an arid inland basin, Southeast of Iran: The role of alkaline conditions and salt water intrusion. <i>Environmental Pollution</i> , 2019, 249, 910-922.	3.7	35

#	ARTICLE	IF	CITATIONS
19	Global arsenic dilemma and sustainability. <i>Journal of Hazardous Materials</i> , 2022, 436, 129197.	6.5	28
20	Handwashing with soap: A concern for overuse of water amidst the COVID-19 pandemic in Bangladesh. <i>Groundwater for Sustainable Development</i> , 2021, 13, 100561.	2.3	27
21	Influence of bioenergy waste biochar on proton- and ligand-promoted release of Pb and Cu in a shooting range soil. <i>Science of the Total Environment</i> , 2018, 625, 547-554.	3.9	25
22	A fast analytical protocol for simultaneous speciation of arsenic by Ultra-High Performance Liquid Chromatography (UHPLC) hyphenated to Inductively Coupled Plasma Mass Spectrometry (ICP-MS) as a modern advancement in liquid chromatography approaches. <i>Talanta</i> , 2020, 208, 120457.	2.9	21
23	Iodine in commercial edible iodized salts and assessment of iodine exposure in Sri Lanka. <i>Archives of Public Health</i> , 2016, 74, 21.	1.0	8