

Indika Herath

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

1,352
citations

18
h-index

24
g-index

24
ext. papers

1,709
ext. citations

7.8
avg, IF

4.97
L-index

#	Paper	IF	Citations
23	Global Arsenic dilemma and sustainability. <i>Journal of Hazardous Materials</i> , 2022 , 129197	12.8	1
22	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	6	12
21	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	10.2	17
20	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	12.8	23
19	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	10.2	38
18	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	6.2	17
17	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	9.3	23
16	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	12.9	58
15	Mechanistic understanding of crystal violet dye sorption by woody biochar: implications for wastewater treatment. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 1647-1661	4.7	49
14	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	10.2	21
13	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	12.9	32
12	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	3.4	32
11	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	3.4	60
10	Antimony as a global dilemma: Geochemistry, mobility, fate and transport. <i>Environmental Pollution</i> , 2017 , 223, 545-559	9.3	213
9	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	4.7	34
8	Insights into aqueous carbofuran removal by modified and non-modified rice husk biochars. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22755-22763	5.1	25
7	Efficacy of woody biomass and biochar for alleviating heavy metal bioavailability in serpentine soil. <i>Environmental Geochemistry and Health</i> , 2017 , 39, 391-401	4.7	50

6	Interaction of arsenic with biochar in soil and water: A critical review. <i>Carbon</i> , 2017 , 113, 219-230	10.4	200
5	Equilibrium and kinetic mechanisms of woody biochar on aqueous glyphosate removal. <i>Chemosphere</i> , 2016 , 144, 2516-21	8.4	115
4	Iodine in commercial edible iodized salts and assessment of iodine exposure in Sri Lanka. <i>Archives of Public Health</i> , 2016 , 74, 21	2.6	5
3	Mechanistic modeling of glyphosate interaction with rice husk derived engineered biochar. <i>Microporous and Mesoporous Materials</i> , 2016 , 225, 280-288	5.3	77
2	Kinetics, thermodynamics and mechanistic studies of carbofuran removal using biochars from tea waste and rice husks. <i>Chemosphere</i> , 2016 , 150, 781-789	8.4	127
1	Natural Arsenic in Global Groundwaters: Distribution and Geochemical Triggers for Mobilization. <i>Current Pollution Reports</i> , 2016 , 2, 68-89	7.6	123