

Yasir Hamid

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,352
citations

257357

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h-index

223716

46
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61
all docs

61
docs citations

61
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	An explanation of soil amendments to reduce cadmium phytoavailability and transfer to food chain. <i>Science of the Total Environment</i> , 2019, 660, 80-96.	3.9	254
2	Foliage application of selenium and silicon nanoparticles alleviates Cd and Pb toxicity in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	182
3	Comparative efficacy of organic and inorganic amendments for cadmium and lead immobilization in contaminated soil under rice-wheat cropping system. <i>Chemosphere</i> , 2019, 214, 259-268.	4.2	171
4	Selenium mitigates the chromium toxicity in <i>Brassicca napus</i> L. by ameliorating nutrients uptake, amino acids metabolism and antioxidant defense system. <i>Plant Physiology and Biochemistry</i> , 2019, 145, 142-152.	2.8	139
5	Efficiency of lime, biochar, Fe containing biochar and composite amendments for Cd and Pb immobilization in a co-contaminated alluvial soil. <i>Environmental Pollution</i> , 2020, 257, 113609.	3.7	118
6	Organic soil additives for the remediation of cadmium contaminated soils and their impact on the soil-plant system: A review. <i>Science of the Total Environment</i> , 2020, 707, 136121.	3.9	108
7	A Convolution Neural Network-Based Seed Classification System. <i>Symmetry</i> , 2020, 12, 2018.	1.1	84
8	Immobilization of cadmium and lead in contaminated paddy field using inorganic and organic additives. <i>Scientific Reports</i> , 2018, 8, 17839.	1.6	82
9	Distribution, availability and translocation of heavy metals in soil-oilseed rape (<i>Brassica napus</i> L.) system related to soil properties. <i>Environmental Pollution</i> , 2019, 252, 733-741.	3.7	76
10	Salicylic acid underpins silicon in ameliorating chromium toxicity in rice by modulating antioxidant defense, ion homeostasis and cellular ultrastructure. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 1001-1013.	2.8	74
11	Foliar application of micronutrients enhances crop stand, yield and the biofortification essential for human health of different wheat cultivars. <i>Journal of Integrative Agriculture</i> , 2019, 18, 1369-1378.	1.7	57
12	A Deep Learning-Based Model for Date Fruit Classification. <i>Sustainability</i> , 2022, 14, 6339.	1.6	54
13	<i>Eisenia fetida</i> and biochar synergistically alleviate the heavy metals content during valorization of biosolids via enhancing vermicompost quality. <i>Science of the Total Environment</i> , 2019, 684, 597-609.	3.9	52
14	Fava bean intercropping with <i>Sedum alfredii</i> inoculated with endophytes enhances phytoremediation of cadmium and lead co-contaminated field. <i>Environmental Pollution</i> , 2020, 265, 114861.	3.7	49
15	Field crops (<i>Ipomoea aquatica</i> Forsk. and <i>Brassica chinensis</i> L.) for phytoremediation of cadmium and nitrate co-contaminated soils via rotation with <i>Sedum alfredii</i> Hance. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19293-19305.	2.7	44
16	Identification of high cadmium-accumulating oilseed sunflower (<i>Helianthus annuus</i>) cultivars for phytoremediation of an Oxisol and an Inceptisol. <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109857.	2.9	40
17	Characterization of fava bean (<i>Vicia faba</i> L.) genotypes for phytoremediation of cadmium and lead co-contaminated soils coupled with agro-production. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 190-198.	2.9	39
18	Assessment of sunflower germplasm for phytoremediation of lead-polluted soil and production of seed oil and seed meal for human and animal consumption. <i>Journal of Environmental Sciences</i> , 2020, 87, 24-38.	3.2	39

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19	New insight into the impact of biochar during vermi-stabilization of divergent biowastes: Literature synthesis and research pursuits. <i>Chemosphere</i> , 2020, 238, 124679.	4.2	38
20	Crop-residues derived biochar: Synthesis, properties, characterization and application for the removal of trace elements in soils. <i>Journal of Hazardous Materials</i> , 2021, 416, 126212.	6.5	37
21	Sepiolite clay: A review of its applications to immobilize toxic metals in contaminated soils and its implications in soil-plant system. <i>Environmental Technology and Innovation</i> , 2021, 23, 101598.	3.0	36
22	Smart Seed Classification System based on MobileNetV2 Architecture. , 2022, , .		35
23	Immobilization and sorption of Cd and Pb in contaminated stagnic anthrosols as amended with biochar and manure combined with inorganic additives. <i>Journal of Environmental Management</i> , 2020, 257, 109999.	3.8	30
24	Foliar application of zinc and selenium alleviates cadmium and lead toxicity of water spinach "Bioavailability/cytotoxicity study with human cell lines. <i>Environment International</i> , 2020, 145, 106122.	4.8	29
25	Endophytic inoculation coupled with soil amendment and foliar inhibitor ensure phytoremediation and argo-production in cadmium contaminated soil under oilseed rape-rice rotation system. <i>Science of the Total Environment</i> , 2020, 748, 142481.	3.9	28
26	Functionalized biochars: Synthesis, characterization, and applications for removing trace elements from water. <i>Journal of Hazardous Materials</i> , 2022, 437, 129337.	6.5	28
27	Assessing the immobilization efficiency of organic and inorganic amendments for cadmium phytoavailability to wheat. <i>Journal of Soils and Sediments</i> , 2019, 19, 3708-3717.	1.5	26
28	Evaluating the Effectiveness of Distance Learning in Higher Education during COVID-19 Global Crisis: UAE Educators's Perspectives. <i>Contemporary Educational Technology</i> , 2021, 13, ep311.	1.3	26
29	Variations in cadmium and nitrate co-accumulation among water spinach genotypes and implications for screening safe genotypes for human consumption. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 147-158.	1.3	25
30	Promoting Growth, Yield, and Phosphorus-Use Efficiency of Crops in Maize-Wheat Cropping System by Using Polymer-Coated Diammonium Phosphate. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 646-655.	0.6	24
31	Mechanisms of water regime effects on uptake of cadmium and nitrate by two ecotypes of water spinach (<i>Ipomoea aquatica</i> Forsk.) in contaminated soil. <i>Chemosphere</i> , 2020, 246, 125798.	4.2	24
32	The Cd phytoextraction potential of hyperaccumulator <i>Sedum alfredii</i> -oilseed rape intercropping system under different soil types and comprehensive benefits evaluation under field conditions. <i>Environmental Pollution</i> , 2021, 285, 117504.	3.7	24
33	Programmable synthesis of exfoliated biochar nanosheets for selective and highly efficient adsorption of thallium. <i>Chemical Engineering Journal</i> , 2022, 434, 134842.	6.6	22
34	Evaluation of variation in essential nutrients and hazardous materials in spinach (<i>Spinacia oleracea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Analysis, 2019, 79, 95-106.	1.9	18
35	Cadmium mobility in three contaminated soils amended with different additives as evaluated by dynamic flow-through experiments. <i>Chemosphere</i> , 2020, 261, 127763.	4.2	18
36	Wavelet neural network model for network intrusion detection system. <i>International Journal of Information Technology (Singapore)</i> , 2019, 11, 251-263.	1.8	15

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37	Adsorption of Cd and Pb in contaminated gleysol by composite treatment of sepiolite, organic manure and lime in field and batch experiments. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110539.	2.9	15
38	A phytoremediation coupled with agro-production mode suppresses Fusarium wilt disease and alleviates cadmium phytotoxicity of cucumber (<i>Cucumis sativus</i> L.) in continuous cropping greenhouse soil. <i>Chemosphere</i> , 2021, 270, 128634.	4.2	15
39	Effects of CO ₂ application coupled with endophyte inoculation on rhizosphere characteristics and cadmium uptake by <i>Sedum alfredii</i> Hance in response to cadmium stress. <i>Journal of Environmental Management</i> , 2019, 239, 287-298.	3.8	14
40	<i>Pteris vittata</i> plantation decrease colloidal phosphorus contents by reducing degree of phosphorus saturation in manure amended soils. <i>Journal of Environmental Management</i> , 2022, 304, 114214.	3.8	14
41	Preincubation and vermicomposting of divergent biosolids exhibit vice versa multielements stoichiometry and earthworm physiology. <i>Journal of Environmental Management</i> , 2019, 243, 144-156.	3.8	13
42	Effect of biochar-amended urea on nitrogen economy of soil for improving the growth and yield of wheat (<i>Triticum Aestivum</i> L.) under field condition. <i>Journal of Plant Nutrition</i> , 2017, 40, 2303-2311.	0.9	12
43	Remediation of Emerging Heavy Metals from Water Using Natural Adsorbent: Adsorption Performance and Mechanistic Insights. <i>Sustainability</i> , 2021, 13, 8817.	1.6	12
44	Interaction of pristine and mineral engineered biochar with microbial community in attenuating the heavy metals toxicity: A review. <i>Applied Soil Ecology</i> , 2022, 175, 104444.	2.1	12
45	Assessing the influence of sewage sludge and derived-biochar in immobilization and transformation of heavy metals in polluted soil: Impact on intracellular free radical formation in maize. <i>Environmental Pollution</i> , 2022, 309, 119768.	3.7	12
46	Effects of CO ₂ application and endophytic bacterial inoculation on morphological properties, photosynthetic characteristics and cadmium uptake of two ecotypes of <i>Sedum alfredii</i> Hance. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1809-1820.	2.7	10
47	A t-SNE based non linear dimension reduction for network intrusion detection. <i>International Journal of Information Technology (Singapore)</i> , 2020, 12, 125-134.	1.8	10
48	Cd diminution through microbial mediated degraded lignocellulose maize straw: Batch adsorption and bioavailability trails. <i>Journal of Environmental Management</i> , 2022, 302, 114042.	3.8	10
49	Organic/inorganic amendments for the remediation of a red paddy soil artificially contaminated with different cadmium levels: Leaching, speciation, and phytoavailability tests. <i>Journal of Environmental Management</i> , 2022, 303, 114148.	3.8	10
50	Recent trends in the use of fly ash for the adsorption of pollutants in contaminated wastewater and soils: Effects on soil quality and plant growth. <i>Environmental Science and Pollution Research</i> , 2023, 30, 124427-124446.	2.7	8
51	Iron-Doped Biochar Regulated Soil Nickel Adsorption, Wheat Growth, Its Physiology and Elemental Concentration under Contrasting Abiotic Stresses. <i>Sustainability</i> , 2022, 14, 7852.	1.6	8
52	A Fusion of Feature Extraction and Feature Selection Technique for Network Intrusion Detection. <i>International Journal of Security and Its Applications</i> , 2016, 10, 151-158.	0.5	7
53	IDSA: An Efficient Algorithm for Skyline Queries Computation on Dynamic and Incomplete Data With Changing States. <i>IEEE Access</i> , 2021, 9, 57291-57310.	2.6	5
54	Cataloging of Cd Allocation in Late Rice Cultivars Grown in Polluted Gleysol: Implications for Selection of Cultivars with Minimal Risk to Human Health. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3632.	1.2	4

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55	The Growth, physiological and biochemical response of foxtail millet to atrazine herbicide. Saudi Journal of Biological Sciences, 2021, 28, 6471-6479.	1.8	4
56	Comparative assessment of Brassica pekinensis L. genotypes for phytoavoidation of nitrate, cadmium and lead in multi-pollutant field. International Journal of Phytoremediation, 2020, 22, 972-985.	1.7	3
57	Fluorine in 20 vegetable species and 25 lettuce cultivars grown on a contaminated field adjacent to a brick kiln. Environmental Geochemistry and Health, 2023, 45, 1655-1667.	1.8	3
58	Screening of low-Cd accumulating early rice cultivars coupled with phytoremediation and agro-production: Bioavailability and bioaccessibility tests. Science of the Total Environment, 2022, 844, 157143.	3.9	3
59	An Improvised k-NN Respecting Diversity of Data for Network Intrusion Detection. International Journal of Intelligent Engineering and Systems, 2017, 10, 409-417.	0.8	2
60	Selenium-Mediated Regulation of Antioxidant Defense System and Improved Heavy Metals Tolerance in Plants. , 2022, , 369-382.		1
61	Application of biochar for attenuating heavy metals in contaminated soil: potential implications and research gaps. , 2022, , 77-110.		0