

# Yasir Hamid

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,352  
citations

293460

24  
h-index

252626

46  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1850  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Fluorine in 20 vegetable species and 25 lettuce cultivars grown on a contaminated field adjacent to a brick kiln. <i>Environmental Geochemistry and Health</i> , 2023, 45, 1655-1667.	1.8	3
3	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
4	<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
5	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
6	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
7	Smart Seed Classification System based on MobileNetV2 Architecture. , 2022, , .		35
8	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
9	Selenium-Mediated Regulation of Antioxidant Defense System and Improved Heavy Metals Tolerance in Plants. , 2022, , 369-382.		1
10	A Deep Learning-Based Model for Date Fruit Classification. <i>Sustainability</i> , 2022, 14, 6339.	1.6	54
11	Application of biochar for attenuating heavy metals in contaminated soil: potential implications and research gaps. , 2022, , 77-110.		0
12	Functionalized biochars: Synthesis, characterization, and applications for removing trace elements from water. <i>Journal of Hazardous Materials</i> , 2022, 437, 129337.	6.5	28
13	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
14	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
15	Screening of low-Cd accumulating early rice cultivars coupled with phytoremediation and agro-production: Bioavailability and bioaccessibility tests. <i>Science of the Total Environment</i> , 2022, 844, 157143.	3.9	3
16	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
17	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
18	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

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19	The Growth, physiological and biochemical response of foxtail millet to atrazine herbicide. Saudi Journal of Biological Sciences, 2021, 28, 6471-6479.	1.8	4
20	Remediation of Emerging Heavy Metals from Water Using Natural Adsorbent: Adsorption Performance and Mechanistic Insights. Sustainability, 2021, 13, 8817.	1.6	12
21	Sepiolite clay: A review of its applications to immobilize toxic metals in contaminated soils and its implications in soil-plant system. Environmental Technology and Innovation, 2021, 23, 101598.	3.0	36
22	Crop-residues derived biochar: Synthesis, properties, characterization and application for the removal of trace elements in soils. Journal of Hazardous Materials, 2021, 416, 126212.	6.5	37
23	Salicylic acid underpins silicon in ameliorating chromium toxicity in rice by modulating antioxidant defense, ion homeostasis and cellular ultrastructure. Plant Physiology and Biochemistry, 2021, 166, 1001-1013.	2.8	74
24	The Cd phytoextraction potential of hyperaccumulator Sedum alfredii-oilseed rape intercropping system under different soil types and comprehensive benefits evaluation under field conditions. Environmental Pollution, 2021, 285, 117504.	3.7	24
25	Assessment of sunflower germplasm for phytoremediation of lead-polluted soil and production of seed oil and seed meal for human and animal consumption. Journal of Environmental Sciences, 2020, 87, 24-38.	3.2	39
26	A t-SNE based non linear dimension reduction for network intrusion detection. International Journal of Information Technology (Singapore), 2020, 12, 125-134.	1.8	10
27	New insight into the impact of biochar during vermi-stabilization of divergent biowastes: Literature synthesis and research pursuits. Chemosphere, 2020, 238, 124679.	4.2	38
28	Identification of high cadmium-accumulating oilseed sunflower (Helianthus annuus) cultivars for phytoremediation of an Oxisol and an Inceptisol. Ecotoxicology and Environmental Safety, 2020, 187, 109857.	2.9	40
29	Efficiency of lime, biochar, Fe containing biochar and composite amendments for Cd and Pb immobilization in a co-contaminated alluvial soil. Environmental Pollution, 2020, 257, 113609.	3.7	118
30	Foliage application of selenium and silicon nanoparticles alleviates Cd and Pb toxicity in rice (Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.9	182
31	Immobilization and sorption of Cd and Pb in contaminated stagnic anthrosols as amended with biochar and manure combined with inorganic additives. Journal of Environmental Management, 2020, 257, 109999.	3.8	30
32	Organic soil additives for the remediation of cadmium contaminated soils and their impact on the soil-plant system: A review. Science of the Total Environment, 2020, 707, 136121.	3.9	108
33	Mechanisms of water regime effects on uptake of cadmium and nitrate by two ecotypes of water spinach (Ipomoea aquatica Forsk.) in contaminated soil. Chemosphere, 2020, 246, 125798.	4.2	24
34	Foliar application of zinc and selenium alleviates cadmium and lead toxicity of water spinach "Bioavailability/cytotoxicity study with human cell lines. Environment International, 2020, 145, 106122.	4.8	29
35	Endophytic inoculation coupled with soil amendment and foliar inhibitor ensure phytoremediation and argo-production in cadmium contaminated soil under oilseed rape-rice rotation system. Science of the Total Environment, 2020, 748, 142481.	3.9	28
36	Cadmium mobility in three contaminated soils amended with different additives as evaluated by dynamic flow-through experiments. Chemosphere, 2020, 261, 127763.	4.2	18

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37	A Convolution Neural Network-Based Seed Classification System. <i>Symmetry</i> , 2020, 12, 2018.	1.1	84
38	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
39	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
40	Comparative assessment of <i>Brassica pekinensis</i> L. genotypes for phytoavoidance of nitrate, cadmium and lead in multi-pollutant field. <i>International Journal of Phytoremediation</i> , 2020, 22, 972-985.	1.7	3
41	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
42	Wavelet neural network model for network intrusion detection system. <i>International Journal of Information Technology (Singapore)</i> , 2019, 11, 251-263.	1.8	15
43	Selenium mitigates the chromium toxicity in <i>Brassica 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
44	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
45	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
46	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
47	<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
48	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
49	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
50	Evaluation of variation in essential nutrients and hazardous materials in spinach ( <i>Spinacia oleracea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Analysis, 2019, 79, 95-106.	1.9	18
51	Effects of CO <sub>2</sub> 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
52	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
53	Effects of CO <sub>2</sub> 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
54	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

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55	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
56	Immobilization of cadmium and lead in contaminated paddy field using inorganic and organic additives. <i>Scientific Reports</i> , 2018, 8, 17839.	1.6	82
57	Promoting Growth, Yield, and Phosphorus-Use Efficiency of Crops in Maizeâ€“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
58	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
59	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
60	An Improvised k-NN Respecting Diversity of Data for Network Intrusion Detection. <i>International Journal of Intelligent Engineering and Systems</i> , 2017, 10, 409-417.	0.8	2
61	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