

Saif Ullah

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,642
citations

279487

23
h-index

143772

57
g-index

65
all docs

65
docs citations

65
times ranked

3915
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of mineral nutrition in minimizing cadmium accumulation by plants. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 925-937.	1.7	545
2	Biochar application for the remediation of salt-affected soils: Challenges and opportunities. <i>Science of the Total Environment</i> , 2018, 625, 320-335.	3.9	374
3	Hearing loss prevalence and years lived with disability, 1990â€“2019: findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 397, 996-1009.	6.3	358
4	Cellular Mechanisms in Higher Plants Governing Tolerance to Cadmium Toxicity. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 374-391.	2.7	279
5	Acquiring control: The evolution of ROS-Induced oxidative stress and redox signaling pathways in plant stress responses. <i>Plant Physiology and Biochemistry</i> , 2019, 141, 353-369.	2.8	246
6	EDTA-assisted Pb phytoextraction. <i>Chemosphere</i> , 2009, 74, 1279-1291.	4.2	220
7	Disposal and Use of Sewage on Agricultural Lands in Pakistan: A Review. <i>Pedosphere</i> , 2010, 20, 23-34.	2.1	157
8	Remediation of heavy metal contaminated soils by using <i>Solanum nigrum</i> : A review. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 236-248.	2.9	118
9	Improving agricultural water use efficiency by nutrient management in crop plants. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2011, 61, 291-304.	0.3	98
10	Effectiveness of zinc application to minimize cadmium toxicity and accumulation in wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf .	1.3	94
11	Silicon nutrition lowers cadmium content of wheat cultivars by regulating transpiration rate and activity of antioxidant enzymes. <i>Environmental Pollution</i> , 2018, 242, 126-135.	3.7	86
12	Opportunities and challenges in the use of mineral nutrition for minimizing arsenic toxicity and accumulation in rice: A critical review. <i>Chemosphere</i> , 2018, 194, 171-188.	4.2	82
13	Suppression of cadmium concentration in wheat grains by silicon is related to its application rate and cadmium accumulating abilities of cultivars. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2467-2472.	1.7	81
14	Timing of foliar Zn application plays a vital role in minimizing Cd accumulation in wheat. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16432-16439.	2.7	75
15	Genetic Variation in Cadmium Accumulation and Tolerance among Wheat Cultivars at the Seedling Stage. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 554-562.	0.6	46
16	Can exposure to PM2.5 particles increase the incidence of coronavirus disease 2019 (COVID-19)?. <i>Science of the Total Environment</i> , 2020, 741, 140441.	3.9	46
17	Spatiotemporal variability of COVID-19 pandemic in relation to air pollution, climate and socioeconomic factors in Pakistan. <i>Chemosphere</i> , 2021, 271, 129584.	4.2	41
18	Boron Deficiency in Soils and Crops: A Review. , 0, , .		40

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19	Chemically enhanced phytoextraction of Pb by wheat in texturally different soils. <i>Chemosphere</i> , 2010, 79, 652-658.	4.2	36
20	Reclamation and salt leaching efficiency for tile drained saline-sodic soil using marginal quality water for irrigating rice and wheat crops. <i>Land Degradation and Development</i> , 2012, 23, 1-9.	1.8	35
21	Effectiveness of Zinc and Gypsum Application Against Cadmium Toxicity and Accumulation in Wheat (<i>Triticum aestivum</i> L.). <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 1659-1668.	0.6	35
22	Organic and Inorganic Amendments Affect Soil Concentration and Accumulation of Cadmium and Lead in Wheat in Calcareous Alkaline Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 42, 111-122.	0.6	30
23	Effectiveness of Sulphuric Acid and Gypsum for the Reclamation of a Calcareous Saline-Sodic Soil Under Four Crop Rotations. <i>Journal of Agronomy and Crop Science</i> , 2007, 193, 262-269.	1.7	29
24	Foliar Applied Phosphorous Enhanced Growth, Chlorophyll Contents, Gas Exchange Attributes and PUE in Wheat (<i>Triticum aestivum</i> L.). <i>Journal of Plant Nutrition</i> , 2015, 38, 1929-1943.	0.9	26
25	Investigating connections between COVID-19 pandemic, air pollution and community interventions for Pakistan employing geoinformation technologies. <i>Chemosphere</i> , 2021, 272, 129809.	4.2	25
26	LEAD PHYTOEXTRACTION BY WHEAT IN RESPONSE TO THE EDTA APPLICATION METHOD. <i>International Journal of Phytoremediation</i> , 2009, 11, 268-282.	1.7	23
27	Comparison of Low-Molecular-Weight Organic Acids and Ethylenediaminetetraacetic Acid to Enhance Phytoextraction of Heavy Metals by Maize. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 42-52.	0.6	22
28	Influence of different sewage sludges and composts on growth, yield, and trace elements accumulation in rice and wheat. <i>Land Degradation and Development</i> , 2018, 29, 1343-1352.	1.8	22
29	Heavy metals in urban and peri-urban soils of a heavily-populated and industrialized city: Assessment of ecological risks and human health repercussions. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 1705-1722.	1.7	22
30	Chemical fractionation and risk assessment of trace elements in sewage sludge generated from various states of Pakistan. <i>Environmental Science and Pollution Research</i> , 2020, 27, 39742-39752.	2.7	22
31	Phytoremediation of Pb-Contaminated Soils Using Synthetic Chelates. , 2015, , 397-414.		21
32	Elemental sulfur improves growth and phytoremediative ability of wheat grown in lead-contaminated calcareous soil. <i>International Journal of Phytoremediation</i> , 2016, 18, 1022-1028.	1.7	21
33	WATER STRESS AND NITROGEN MANAGEMENT EFFECTS ON GAS EXCHANGE, WATER RELATIONS, AND WATER USE EFFICIENCY IN WHEAT. <i>Journal of Plant Nutrition</i> , 2011, 34, 1867-1882.	0.9	19
34	Comparison of Organic and Inorganic Amendments for Enhancing Soil Lead Phytoextraction by Wheat (<i>Triticum aestivum</i> L.). <i>International Journal of Phytoremediation</i> , 2010, 12, 633-649.	1.7	17
35	Remediating Cadmium-Contaminated Soils by Growing Grain Crops Using Inorganic Amendments. , 2015, , 367-396.		17
36	Global research on the air quality status in response to the electrification of vehicles. <i>Science of the Total Environment</i> , 2021, 795, 148861.	3.9	17

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37	Lithium: Perspectives of nutritional beneficence, dietary intake, biogeochemistry, and biofortification of vegetables and mushrooms. <i>Science of the Total Environment</i> , 2021, 798, 149249.	3.9	16
38	Comparison of sulfurous acid generator and alternate amendments to improve the quality of saline-sodic water for sustainable rice yields. <i>Paddy and Water Environment</i> , 2006, 4, 153-162.	1.0	15
39	A field study investigating the potential use of phosphorus combined with organic amendments on cadmium accumulation by wheat and subsequent rice. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	14
40	Can PM2.5 pollution worsen the death rate due to COVID-19 in India and Pakistan?. <i>Science of the Total Environment</i> , 2020, 742, 140557.	3.9	14
41	Environmental Impacts of Nitrogen Use in Agriculture, Nitrate Leaching and Mitigation Strategies. , 2016, , 131-157.		12
42	Assessment of different heavy metals in cigarette filler and ash from multiple brands retailed in Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2021, 33, 101521.	1.6	12
43	The impact of COVID-19 pandemic on air pollution: a global research framework, challenges, and future perspectives. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	12
44	IMPACT OF WATER AND NUTRIENT MANAGEMENT ON THE NUTRITIONAL QUALITY OF WHEAT. <i>Journal of Plant Nutrition</i> , 2010, 33, 640-653.	0.9	10
45	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008824.	1.3	10
46	Degraded Soils: Origin, Types and Management. , 2016, , 23-65.		9
47	Pollution characteristics and human health risk assessments of toxic metals and particle pollutants via soil and air using geoinformation in urbanized city of Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 58206-58220.	2.7	9
48	Phytoremediation of Metal-Contaminated Soils Using Organic Amendments. , 2015, , 503-523.		8
49	Modulation in growth, development, and yield of <i>Camelina sativa</i> by nitrogen application under water stress conditions. <i>Journal of Plant Nutrition</i> , 2017, 40, 726-735.	0.9	8
50	Quantitative assessment of human health risk posed with chromium in waste, ground, and surface water in an industrial hub of Pakistan. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	8
51	Effects of Lead Forms and Organic Acids on the Growth and Uptake of Lead in Hydroponically Grown Wheat. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 3150-3160.	0.6	7
52	Alleviation of adverse effects of nickel on growth and concentration of copper and manganese in wheat through foliar application of ascorbic acid. <i>International Journal of Phytoremediation</i> , 2022, 24, 695-703.	1.7	7
53	Immobilization of cadmium in soil-plant system through soil and foliar applied silicon. <i>International Journal of Phytoremediation</i> , 2022, , 1-12.	1.7	7
54	Contributions of Open Biomass Burning and Crop Straw Burning to Air Quality: Current Research Paradigm and Future Outlooks. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	7

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55	Health risk assessment of trace metals from spinach grown on compost-amended soil. International Journal of Phytoremediation, 2018, 20, 1330-1336.	1.7	5
56	Amelioration strategies for salinity-induced land degradation.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2006, 1, .	0.6	5
57	Strategic use of water: a step toward cadmium-free basmati rice (<i>Oryza sativa</i> L.). Paddy and Water Environment, 2018, 16, 867-873.	1.0	4
58	Pakistan and India Collaboration to Improve Regional Air Quality Has Never Been More Promising. Integrated Environmental Assessment and Management, 2020, 16, 549-551.	1.6	4
59	Medical negligence in healthcare organizations and its impact on patient safety and public health: a bibliometric study. F1000Research, 2021, 10, 174.	0.8	4
60	Effect of Ethylenediaminetetraacetic Acid on Growth and Phytoremediative Ability of Two Wheat Varieties. Communications in Soil Science and Plant Analysis, 2010, 41, 1478-1492.	0.6	3
61	Comparative residual effect of activated carbon and other organic amendments on immobilization and phytoavailability nickel and other metals to Egyptian Clover (<i>Trifolium alexandrinum</i>) in contaminated soil. International Journal of Phytoremediation, 2020, 22, 687-693.	1.7	3
62	Spatial Mapping of Metal-Contaminated Soils. , 2015, , 415-431.		2
63	WHEAT ASSIMILATION OF NICKEL AND ZINC ADDED IN IRRIGATION WATER AS AFFECTED BY ORGANIC MATTER. Journal of Plant Nutrition, 2010, 34, 27-33.	0.9	1
64	Solubilization and Acquisition of Phosphorus from Sparingly Soluble Phosphorus Sources and Differential Growth Response of Brassica Cultivars Exposed to Phosphorus-Stress Environment. Communications in Soil Science and Plant Analysis, 2013, 44, 1242-1258.	0.6	1