Saif Ullah

List of Publications by Year
in descending order

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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	Alleviation of adverse effects of nickel on growth and concentration of copper and manganese in wheat through foliar application of ascorbic acid. International Journal of Phytoremediation, 2022, 24, 695-703.	1.7	7
2	Immobilization of cadmium in soil-plant system through soil and foliar applied silicon. International Journal of Phytoremediation, 2022, , 1-12.	1.7	7
3	Contributions of Open Biomass Burning and Crop Straw Burning to Air Quality: Current Research Paradigm and Future Outlooks. Frontiers in Environmental Science, 2022, 10, .	1.5	7
4	The impact of COVID-19 pandemic on air pollution: a global research framework, challenges, and future perspectives. Environmental Science and Pollution Research, 2022, , 1.	2.7	12
5	Medical negligence in healthcare organizations and its impact on patient safety and public health: a bibliometric study. F1000Research, 2021, 10, 174.	0.8	4
6	Hearing loss prevalence and years lived with disability, 1990â€“2019: findings from the Global Burden of Disease Study 2019. Lancet, The, 2021, 397, 996-1009.	6.3	358
7	Spatiotemporal variability of COVID-19 pandemic in relation to air pollution, climate and socioeconomic factors in Pakistan. Chemosphere, 2021, 271, 129584.	4.2	41
8	Pollution characteristics and human health risk assessments of toxic metals and particle pollutants via soil and air using geoinformation in urbanized city of Pakistan. Environmental Science and Pollution Research, 2021, 28, 58206-58220.	2.7	9
9	Investigating connections between COVID-19 pandemic, air pollution and community interventions for Pakistan employing geoinformation technologies. Chemosphere, 2021, 272, 129809.	4.2	25
10	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. PLoS Neglected Tropical Diseases, 2021, 15, e0008824.	1.3	10
11	Assessment of different heavy metals in cigarette filler and ash from multiple brands retailed in Saudi Arabia. Journal of King Saud University - Science, 2021, 33, 101521.	1.6	12
12	Global research on the air quality status in response to the electrification of vehicles. Science of the Total Environment, 2021, 795, 148861.	3.9	17
13	Lithium: Perspectives of nutritional beneficence, dietary intake, biogeochemistry, and biofortification of vegetables and mushrooms. Science of the Total Environment, 2021, 798, 149249.	3.9	16
14	Heavy metals in urban and peri-urban soils of a heavily-populated and industrialized city: Assessment of ecological risks and human health repercussions. Human and Ecological Risk Assessment (HERA), 2020, 26, 1705-1722.	1.7	22
15	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
16	Can exposure to PM2.5 particles increase the incidence of coronavirus disease 2019 (COVID-19)?. Science of the Total Environment, 2020, 741, 140441.	3.9	46
17	Can PM2.5 pollution worsen the death rate due to COVID-19 in India and Pakistan?. Science of the Total Environment, 2020, 742, 140557.	3.9	14
18	Comparative residual effect of activated carbon and other organic amendments on immobilization and phytoavailability nickel and other metals to Egyptian Clover (Trifolium alexandrinum) in contaminated soil. International Journal of Phytoremediation, 2020, 22, 687-693.	1.7	3

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19	Chemical fractionation and risk assessment of trace elements in sewage sludge generated from various states of Pakistan. Environmental Science and Pollution Research, 2020, 27, 39742-39752.	2.7	22
20	Acquiring control: The evolution of ROS-Induced oxidative stress and redox signaling pathways in plant stress responses. Plant Physiology and Biochemistry, 2019, 141, 353-369.	2.8	246
21	Quantitative assessment of human health risk posed with chromium in waste, ground, and surface water in an industrial hub of Pakistan. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	8
22	Influence of different sewage sludges and composts on growth, yield, and trace elements accumulation in rice and wheat. Land Degradation and Development, 2018, 29, 1343-1352.	1.8	22
23	Biochar application for the remediation of salt-affected soils: Challenges and opportunities. Science of the Total Environment, 2018, 625, 320-335.	3.9	374
24	Opportunities and challenges in the use of mineral nutrition for minimizing arsenic toxicity and accumulation in rice: A critical review. Chemosphere, 2018, 194, 171-188.	4.2	82
25	Health risk assessment of trace metals from spinach grown on compost-amended soil. International Journal of Phytoremediation, 2018, 20, 1330-1336.	1.7	5
26	A field study investigating the potential use of phosphorus combined with organic amendments on cadmium accumulation by wheat and subsequent rice. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	14
27	Silicon nutrition lowers cadmium content of wheat cultivars by regulating transpiration rate and activity of antioxidant enzymes. Environmental Pollution, 2018, 242, 126-135.	3.7	86
28	Strategic use of water: a step toward cadmium-free basmati rice (Oryza sativa L.). Paddy and Water Environment, 2018, 16, 867-873.	1.0	4
29	Remediation of heavy metal contaminated soils by using Solanum nigrum : A review. Ecotoxicology and Environmental Safety, 2017, 143, 236-248.	2.9	118
30	Modulation in growth, development, and yield of Camelina sativa by nitrogen application under water stress conditions. Journal of Plant Nutrition, 2017, 40, 726-735.	0.9	8
31	Effectiveness of Zinc and Gypsum Application Against Cadmium Toxicity and Accumulation in Wheat (Triticum aestivum L.). Communications in Soil Science and Plant Analysis, 2017, 48, 1659-1668.	0.6	35
32	Genetic Variation in Cadmium Accumulation and Tolerance among Wheat Cultivars at the Seedling Stage. Communications in Soil Science and Plant Analysis, 2016, 47, 554-562.	0.6	46
33	Timing of foliar Zn application plays a vital role in minimizing Cd accumulation in wheat. Environmental Science and Pollution Research, 2016, 23, 16432-16439.	2.7	75
34	Environmental Impacts of Nitrogen Use in Agriculture, Nitrate Leaching and Mitigation Strategies. , 2016, , 131-157.		12
35	Degraded Soils: Origin, Types and Management. , 2016, , 23-65.		9
36	Elemental sulfur improves growth and phytoremediative ability of wheat grown in lead-contaminated calcareous soil. International Journal of Phytoremediation, 2016, 18, 1022-1028.	1.7	21

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37	Foliar Applied Phosphorous Enhanced Growth, Chlorophyll Contents, Gas Exchange Attributes and PUE in Wheat (Triticum aestivumL.). Journal of Plant Nutrition, 2015, 38, 1929-1943.	0.9	26
38	Suppression of cadmium concentration in wheat grains by silicon is related to its application rate and cadmium accumulating abilities of cultivars. Journal of the Science of Food and Agriculture, 2015, 95, 2467-2472.	1.7	81
39	Remediating Cadmium-Contaminated Soils by Growing Grain Crops Using Inorganic Amendments. , 2015, , 367-396.		17
40	Phytoremediation of Pb-Contaminated Soils Using Synthetic Chelates. , 2015, , 397-414.		21
41	Spatial Mapping of Metal-Contaminated Soils. , 2015, , 415-431.		2
42	Phytoremediation of Metal-Contaminated Soils Using Organic Amendments. , 2015, , 503-523.		8
43	Effectiveness of zinc application to minimize cadmium toxicity and accumulation in wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Over	1.3	94
44	Comparison of Low-Molecular-Weight Organic Acids and Ethylenediaminetetraacetic Acid to Enhance Phytoextraction of Heavy Metals by Maize. Communications in Soil Science and Plant Analysis, 2014, 45, 42-52.	0.6	22
45	Cellular Mechanisms in Higher Plants Governing Tolerance to Cadmium Toxicity. Critical Reviews in Plant Sciences, 2014, 33, 374-391.	2.7	279
46	Solubilization and Acquisition of Phosphorus from Sparingly Soluble Phosphorus Sources and Differential Growth Response ofBrassicaCultivars Exposed to Phosphorus-Stress Environment. Communications in Soil Science and Plant Analysis, 2013, 44, 1242-1258.	0.6	1
47	Effects of Lead Forms and Organic Acids on the Growth and Uptake of Lead in Hydroponically Grown Wheat. Communications in Soil Science and Plant Analysis, 2013, 44, 3150-3160.	0.6	7
48	Reclamation and salt leaching efficiency for tile drained salineâ€sodic soil using marginal quality water for irrigating rice and wheat crops. Land Degradation and Development, 2012, 23, 1-9.	1.8	35
49	Improving agricultural water use efficiency by nutrient management in crop plants. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2011, 61, 291-304.	0.3	98
50	WATER STRESS AND NITROGEN MANAGEMENT EFFECTS ON GAS EXCHANGE, WATER RELATIONS, AND WATER USE EFFICIENCY IN WHEAT. Journal of Plant Nutrition, 2011, 34, 1867-1882.	0.9	19
51	Role of mineral nutrition in minimizing cadmium accumulation by plants. Journal of the Science of Food and Agriculture, 2010, 90, 925-937.	1.7	545
52	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
53	IMPACT OF WATER AND NUTRIENT MANAGEMENT ON THE NUTRITIONAL QUALITY OF WHEAT. Journal of Plant Nutrition, 2010, 33, 640-653.	0.9	10
54	Organic and Inorganic Amendments Affect Soil Concentration and Accumulation of Cadmium and Lead in Wheat in Calcareous Alkaline Soils. Communications in Soil Science and Plant Analysis, 2010, 42, 111-122.	0.6	30

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55	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
56	Chemically enhanced phytoextraction of Pb by wheat in texturally different soils. Chemosphere, 2010, 79, 652-658.	4.2	36
57	Disposal and Use of Sewage on Agricultural Lands in Pakistan: A Review. Pedosphere, 2010, 20, 23-34.	2.1	157
58	Comparison of Organic and Inorganic Amendments for Enhancing Soil Lead Phytoextraction by Wheat (Triticum aestivumL.). International Journal of Phytoremediation, 2010, 12, 633-649.	1.7	17
59	EDTA-assisted Pb phytoextraction. Chemosphere, 2009, 74, 1279-1291.	4.2	220
60	LEAD PHYTOEXTRACTION BY WHEAT IN RESPONSE TO THE EDTA APPLICATION METHOD. International Journal of Phytoremediation, 2009, 11, 268-282.	1.7	23
61	Effectiveness of Sulphuric Acid and Gypsum for the Reclamation of a Calcareous Saline-Sodic Soil Under Four Crop Rotations. Journal of Agronomy and Crop Science, 2007, 193, 262-269.	1.7	29
62	Comparison of sulfurous acid generator and alternate amendments to improve the quality of saline-sodic water for sustainable rice yields. Paddy and Water Environment, 2006, 4, 153-162.	1.0	15
63	Amelioration strategies for salinity-induced land degradation.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2006, 1, .	0.6	5
64	Boron Deficiency in Soils and Crops: A Review. , 0, , .		40