Asif Naeem

List of Publications by Year
in descending order

39 papers	2,172 citations	393982 19 h-index	329751 37 g-index
39 all docs	39 docs citations	39 times ranked	2187 citing authors

#	Article	IF	Citations
1	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
2	Effect of inorganic amendments for in situ stabilization of cadmium in contaminated soils and its phyto-availability to wheat and rice under rotation. Environmental Science and Pollution Research, 2015, 22, 16897-16906.	2.7	212
3	Contrasting effects of biochar, compost and farm manure on alleviation of nickel toxicity in maize (Zea mays L.) in relation to plant growth, photosynthesis and metal uptake. Ecotoxicology and Environmental Safety, 2016, 133, 218-225.	2.9	178
4	Residual effects of monoammonium phosphate, gypsum and elemental sulfur on cadmium phytoavailability and translocation from soil to wheat in an effluent irrigated field. Chemosphere, 2017, 174, 515-523.	4.2	128
5	Split application of silicon in cadmium (Cd) spiked alkaline soil plays a vital role in decreasing Cd accumulation in rice (Oryza sativa L.) grains. Chemosphere, 2019, 226, 454-462.	4.2	93
6	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
7	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
8	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
9	Comparative effectiveness of different biochars and conventional organic materials on growth, photosynthesis and cadmium accumulation in cereals. Chemosphere, 2019, 227, 72-81.	4.2	80
10	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
11	Farmyard manure alone and combined with immobilizing amendments reduced cadmium accumulation in wheat and rice grains grown in field irrigated with raw effluents. Chemosphere, 2018, 199, 468-476.	4.2	63
12	Simultaneous Biofortification of Rice With Zinc, Iodine, Iron and Selenium Through Foliar Treatment of a Micronutrient Cocktail in Five Countries. Frontiers in Plant Science, 2020, 11, 589835.	1.7	63
13	Photosynthesis and growth response of maize (Zea mays L.) hybrids exposed to cadmium stress. Environmental Science and Pollution Research, 2017, 24, 5521-5529.	2.7	60
14	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
15	Effect of acidified biochar on bioaccumulation of cadmium (Cd) and rice growth in contaminated soil. Environmental Technology and Innovation, 2020, 19, 101015.	3.0	44
16	Low-molecular weight organic acids improve plant availability of phosphorus in different textured calcareous soils. Archives of Agronomy and Soil Science, 2017, 63, 1023-1034.	1.3	24
17	Phytoremediative potential of salt-tolerant grass species for cadmium and lead under contaminated nutrient solution. International Journal of Phytoremediation, 2019, 21, 1012-1018.	1.7	24
18	Can Bacterial Endophytes Be Used as a Promising Bio-Inoculant for the Mitigation of Salinity Stress in Crop Plants?â€"A Global Meta-Analysis of the Last Decade (2011â€"2020). Microorganisms, 2021, 9, 1861.	1.6	23

#	Article	IF	Citations
19	Citric Acid (CA)â€“Modified Biochar Improved Available Phosphorus Concentration and Its Half-Life in a P-Fertilized Calcareous Sandy Soil. Journal of Soil Science and Plant Nutrition, 2022, 22, 465-474.	1.7	22
20	Optimizing Available Phosphorus in Calcareous Soils Fertilized with Diammonium Phosphate and Phosphoric Acid Using Freundlich Adsorption Isotherm. Scientific World Journal, The, 2013, 2013, 1-5.	0.8	21
21	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
22	Oneâ€time abscisic acid priming induces longâ€term salinity resistance in Vicia faba: Changes in key transcripts, metabolites, and ionic relations. Physiologia Plantarum, 2021, 172, 146-161.	2.6	18
23	Improved potassium nutrition retrieves phosphorusâ€induced decrease in zinc uptake and grain zinc concentration of wheat. Journal of the Science of Food and Agriculture, 2018, 98, 4351-4356.	1.7	17
24	Opportunities and challenges in the remediation of metal-contaminated soils by using tobacco (Nicotiana tabacum L.): a critical review. Environmental Science and Pollution Research, 2019, 26, 18053-18070.	2.7	17
25	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
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	Reduction in Ammonia Loss by Applying Urea in Combination with Phosphate Sources. Communications in Soil Science and Plant Analysis, 2012, 43, 2043-2049.	0.6	13
28	Cadmium-Induced Imbalance in Nutrient and Water Uptake by Plants. , 2019, , 299-326.		13
29	Boron uptake and distribution by oilseed rape (Brassica napus L.) as affected by different nitrogen forms under low and high boron supply. Plant Physiology and Biochemistry, 2021, 161, 156-165.	2.8	13
30	Comparative Effectiveness of Four Nitrification Inhibitors for Mitigating Carbon Dioxide and Nitrous Oxide Emissions from Three Different Textured Soils. Nitrogen, 2021, 2, 155-166.	0.6	12
31	Efficacy of four nitrification inhibitors for the mitigation of nitrous oxide emissions under different soil temperature and moisture[#]. Journal of Plant Nutrition and Soil Science, 2022, 185, 60-68.	1.1	11
32	Biofortification of Diverse Basmati Rice Cultivars with Iodine, Selenium, and Zinc by Individual and Cocktail Spray of Micronutrients. Agronomy, 2022, 12, 49.	1.3	11
33	Pigeon Manure Tea Improves Phosphorus Availability and Wheat Growth through Decreasing P Adsorption in a Calcareous Sandy Soil. Communications in Soil Science and Plant Analysis, 2022, 53, 2596-2607.	0.6	11
34	Phytodiversity for Metals in Plants Grown in Urban Agricultural Lands Irrigated with Untreated City Effluent. Communications in Soil Science and Plant Analysis, 2012, 43, 1181-1201.	0.6	9
35	Improving phosphorus uptake and wheat productivity by phosphoric acid application in alkaline calcareous soils. Journal of the Science of Food and Agriculture, 2016, 96, 3701-3707.	1.7	9
36	Short-term effects of phosphate fertilizer enriched with low molecular weight organic acids on phosphorus release kinetic and availability under calcareous conditions in arid region. Journal of Scientific Agriculture, 0, 2, 66.	0.0	6

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37	Salinity resistance as a function of NH4+:NO3- ratio and its impact on yield and quality of tomato () Tj ETQq1 1 0.784314 rgBT /Overl	1.1	4
38	Comparative Effectiveness of Biogas Residue Acidification and Nitrification Inhibitors in Mitigating CO2 and N2O Emissions from Biogas Residue-Amended Soils. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	4
39	One-Time Foliar Application and Continuous Resupply via Roots Equally Improved the Growth and Physiological Response of B-Deficient Oilseed Rape. Plants, 2021, 10, 866.	1.6	3