Muhammad Aqeel Kamran

List of Publications by Year
in descending order

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29 papers	1,635 citations	331670 21 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	1685 citing authors

#	Article	IF	Citations
1	Bacillus sp. PM31 harboring various plant growth-promoting activities regulates Fusarium dry rot and wilt tolerance in potato. Archives of Agronomy and Soil Science, 2023, 69, 197-211.	2.6	45
2	Elucidating the mechanisms determining the availability of phosphate by application of biochars from different parent materials. Environmental Geochemistry and Health, 2022, 44, 4191-4200.	3.4	8
3	A Critical-Systematic Review of the Interactions of Biochar with Soils and the Observable Outcomes. Sustainability, 2021, 13, 13726.	3.2	18
4	Assisted phytoremediation of chromium spiked soils by Sesbania Sesban in association with Bacillus xiamenensis PM14: A biochemical analysis. Plant Physiology and Biochemistry, 2020, 146, 249-258.	5.8	79
5	Unlocking the potential of plant growth-promoting rhizobacteria on soil health and the sustainability of agricultural systems. Journal of Environmental Management, 2020, 273, 111118.	7.8	146
6	Enhancing phosphorus availability in two variable charge soils by the amendments of crop straw biochars. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	4
7	Multi-stress tolerant PGPR Bacillus xiamenensis PM14 activating sugarcane (Saccharum officinarum) Tj ETQq1 1 0.784314 rgBT /Over	5.8	104
8	Deciphering metal toxicity responses of flax (Linum usitatissimum L.) with exopolysaccharide and ACC-deaminase producing bacteria in industrially contaminated soils. Plant Physiology and Biochemistry, 2020, 152, 90-99.	5.8	74
9	Mechanism of Cu(II) and Cd(II) immobilization by extracellular polymeric substances (Escherichia coli) on variable charge soils. Environmental Pollution, 2019, 247, 136-145.	7.5	39
10	Impacts of chicken manure and peat-derived biochars and inorganic P alone or in combination on phosphorus fractionation and maize growth in an acidic ultisol. Biochar, 2019, 1, 283-291.	12.6	11
11	Mechanistic elucidation of germination potential and growth of wheat inoculated with exopolysaccharide and ACC- deaminase producing Bacillus strains under induced salinity stress. Ecotoxicology and Environmental Safety, 2019, 183, 109466.	6.0	112
12	An electrokinetic perspective into the mechanism of divalent and trivalent cation sorption by extracellular polymeric substances of Pseudomonas fluorescens. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110450.	5.0	11
13	Individual and combinatorial application of Kocuria rhizophila and citric acid on phytoextraction of multi-metal contaminated soils by Glycine max L. Environmental and Experimental Botany, 2019, 159, 23-33.	4.2	67
14	Effects of extracellular polymeric substances of Pseudomonas fluorescens, citrate, and oxalate on Pb sorption by an acidic Ultisol. Ecotoxicology and Environmental Safety, 2019, 171, 790-797.	6.0	22
15	Peanut straw biochar increases the resistance of two Ultisols derived from different parent materials to acidification: A mechanism study. Journal of Environmental Management, 2018, 210, 171-179.	7.8	48
16	Incorporation of corn straw biochar inhibited the re-acidification of four acidic soils derived from different parent materials. Environmental Science and Pollution Research, 2018, 25, 9662-9672.	5.3	39
17	Higher cation exchange capacity determined lower critical soil pH and higher Al concentration for soybean. Environmental Science and Pollution Research, 2018, 25, 6980-6989.	5.3	19
18	Effect of different phosphorus sources on soybean growth and arsenic uptake under arsenic stress conditions in an acidic ultisol. Ecotoxicology and Environmental Safety, 2018, 165, 11-18.	6.0	19

#	Article	IF	Citations
19	Amelioration of soil acidity, Olsen-P, and phosphatase activity by manure- and peat-derived biochars in different acidic soils. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	31
20	Arsenic and fluoride removal by potato peel and rice husk (PPRH) ash in aqueous environments. International Journal of Phytoremediation, 2017, 19, 1029-1036.	3.1	50
21	Occurrence and methods to remove arsenic and fluoride contamination in water. Environmental Chemistry Letters, 2017, 15, 125-149.	16.2	67
22	Quality of tube well water intended for irrigation and human consumption with special emphasis on arsenic contamination at the area of Punjab, Pakistan. Environmental Geochemistry and Health, 2017, 39, 847-863.	3.4	56
23	Phyto-extraction of chromium and influence of plant growth promoting bacteria to enhance plant growth. Journal of Geochemical Exploration, 2017, 182, 269-274.	3.2	52
24	Elevated levels of arsenic and trace metals in drinking water of Tehsil Mailsi, Punjab, Pakistan. Journal of Geochemical Exploration, 2016, 169, 89-99.	3.2	69
25	Bioaccumulation of nickel by E. sativa and role of plant growth promoting rhizobacteria (PGPRs) under nickel stress. Ecotoxicology and Environmental Safety, 2016, 126, 256-263.	6.0	93
26	Effect of plant growth-promoting rhizobacteria inoculation on cadmium (Cd) uptake by Eruca sativa. Environmental Science and Pollution Research, 2015, 22, 9275-9283.	5.3	86
27	Differential effects of cadmium and chromium on growth, photosynthetic activity, and metal uptake of Linum usitatissimum in association with Glomus intraradices. Environmental Monitoring and Assessment, 2015, 187, 311.	2.7	63
28	Avian feathers as a non-destructive bio-monitoring tool of trace metals signatures: A case study from severely contaminated areas. Chemosphere, 2015, 119, 553-561.	8.2	139
29	The potential of the flora from different regions of Pakistan in phytoremediation: a review. Environmental Science and Pollution Research, 2014, 21, 801-812.	5.3	64