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	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
2	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
3	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
4	Multi-stress tolerant PGPR Bacillus xiamenensis PM14 activating sugarcane (Saccharum officinarum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	5.8	104
5	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
6	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
7	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
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	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
10	Occurrence and methods to remove arsenic and fluoride contamination in water. Environmental Chemistry Letters, 2017, 15, 125-149.	16.2	67
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	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
23	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
24	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
25	A Critical-Systematic Review of the Interactions of Biochar with Soils and the Observable Outcomes. Sustainability, 2021, 13, 13726.	3.2	18
26	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
27	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
28	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
29	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