

Muhammad Tariq Javed

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

748
citations

687363

13
h-index

839539

18
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all docs

20
docs citations

20
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc Lysine (Zn Lys) Decipher Cadmium Tolerance by Improved Antioxidants, Nutrient Acquisition, and Diminished Cd Retention in Two Contrasting Wheat Cultivars. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 3479-3497.	5.1	6
2	Silicate Inhibits the Cytosolic Influx of Chloride in Protoplasts of Wheat and Affects the Chloride Transporters, TaCLC1 and TaNPF2.4/2.5. <i>Plants</i> , 2022, 11, 1162.	3.5	2
3	Deciphering distinct root exudation, ionomics, and physio-biochemical attributes of <i>Serratia marcescens</i> CP-13 inoculated differentially Cd tolerant <i>Zea mays</i> cultivars. <i>Environmental Science and Pollution Research</i> , 2022, 29, 71632-71649.	5.3	3
4	Application of zinc oxide nanoparticles immobilizes the chromium uptake in rice plants by regulating the physiological, biochemical and cellular attributes. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 1175-1190.	3.1	16
5	<i>Serratia</i> sp. CP-13 alleviates Cd toxicity by morpho-physio-biochemical improvements, antioxidative potential and diminished Cd uptake in <i>Zea mays</i> L. cultivars differing in Cd tolerance. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111584.	6.0	32
6	Elucidating Cd-mediated distinct rhizospheric and in planta ionic and physio-biochemical responses of two contrasting <i>Zea mays</i> L. cultivars. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 297-312.	3.1	12
7	Elucidating distinct oxidative stress management, nutrient acquisition and yield responses of <i>Pisum sativum</i> L. fertigated with diluted and treated wastewater. <i>Agricultural Water Management</i> , 2021, 247, 106720.	5.6	25
8	Chromium retention potential of two contrasting <i>Solanum lycopersicum</i> Mill. cultivars as deciphered by altered pH dynamics, growth, and organic acid exudation under Cr stress. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27542-27554.	5.3	37
9	Assisted phytoremediation of chromium spiked soils by <i>Sesbania Sesban</i> in association with <i>Bacillus xiamenensis</i> PM14: A biochemical analysis. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 249-258.	5.8	79
10	<i>Acinetobacter</i> sp. SG-5 inoculation alleviates cadmium toxicity in differentially Cd tolerant maize cultivars as deciphered by improved physio-biochemical attributes, antioxidants and nutrient physiology. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 815-827.	5.8	45
11	Role of Ferrous Sulfate (FeSO ₄) in Resistance to Cadmium Stress in Two Rice (<i>Oryza sativa</i> L.) Genotypes. <i>Biomolecules</i> , 2020, 10, 1693.	4.0	51
12	Plant growth-promoting <i>Bacillus</i> sp. strain SDA-4 confers Cd tolerance by physio-biochemical improvements, better nutrient acquisition and diminished Cd uptake in <i>Spinacia oleracea</i> L.. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 2417-2433.	3.1	21
13	Effect of Citric Acid on Growth, Ecophysiology, Chloroplast Ultrastructure, and Phytoremediation Potential of Jute (<i>Corchorus capsularis</i> L.) Seedlings Exposed to Copper Stress. <i>Biomolecules</i> , 2020, 10, 592.	4.0	85
14	The effect of lead pollution on nutrient solution pH and concomitant changes in plant physiology of two contrasting <i>Solanum melongena</i> L. cultivars. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34633-34644.	5.3	4
15	Microbe-Mediated Mitigation of Cadmium Toxicity in Plants. , 2019, , 427-449.		18
16	Phytoremediation of Cadmium-Polluted Water/Sediment by Aquatic Macrophytes: Role of Plant-Induced pH Changes. , 2019, , 495-529.		43
17	Individual and combinatorial application of <i>Kocuria rhizophila</i> and citric acid on phytoextraction of multi-metal contaminated soils by <i>Glycine max</i> L. <i>Environmental and Experimental Botany</i> , 2019, 159, 23-33.	4.2	67
18	<i>Serratia</i> sp. CP-13 augments the growth of cadmium (Cd) stressed <i>Linum usitatissimum</i> L. by limited Cd uptake, enhanced nutrient acquisition and antioxidative potential. <i>Journal of Applied Microbiology</i> , 2019, 126, 1708-1721.	3.1	25

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19	Induction of tolerance to salinity in wheat genotypes by plant growth promoting endophytes: Involvement of ACC deaminase and antioxidant enzymes. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 569-577.	5.8	148
20	Deciphering the growth, organic acid exudations, and ionic homeostasis of <i>Amaranthus viridis</i> L. and <i>Portulaca oleracea</i> L. under lead chloride stress. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2958-2971.	5.3	29