

Shakeel Ahmad Anjum

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,401
citations

257101

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium toxicity in Maize (<i>Zea mays</i> L.): consequences on antioxidative systems, reactive oxygen species and cadmium accumulation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17022-17030.	2.7	215
2	Lead toxicity in rice: effects, mechanisms, and mitigation strategiesâ€”a mini review. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18318-18332.	2.7	186
3	Alleviation of chromium toxicity by glycinebetaine is related to elevated antioxidant enzymes and suppressed chromium uptake and oxidative stress in wheat (<i>Triticum aestivum</i> L.). <i>Environmental Science and Pollution Research</i> , 2015, 22, 10669-10678.	2.7	159
4	Osmoregulation and antioxidant production in maize under combined cadmium and arsenic stress. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11864-11875.	2.7	141
5	Antioxidant defense system and proline accumulation enables hot pepper to perform better under drought. <i>Scientia Horticulturae</i> , 2012, 140, 66-73.	1.7	128
6	Growth and developmental responses of crop plants under drought stress: a review. <i>Zemdirbyste</i> , 2017, 104, 267-276.	0.3	125
7	Lodging stress in cerealâ€”effects and management: an overview. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5222-5237.	2.7	113
8	Lithium toxicity in plants: Reasons, mechanisms and remediation possibilities â€” A review. <i>Plant Physiology and Biochemistry</i> , 2016, 107, 104-115.	2.8	110
9	Alteration in Growth, Leaf Gas Exchange, and Photosynthetic Pigments of Maize Plants Under Combined Cadmium and Arsenic Stress. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	105
10	Phyto-Toxicity of Chromium in Maize: Oxidative Damage, Osmolyte Accumulation, Anti-Oxidative Defense and Chromium Uptake. <i>Pedosphere</i> , 2017, 27, 262-273.	2.1	104
11	Effect of progressive drought stress on growth, leaf gas exchange, and antioxidant production in two maize cultivars. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17132-17141.	2.7	90
12	Alternate wetting and drying: A water-saving and ecofriendly rice production system. <i>Agricultural Water Management</i> , 2020, 241, 106363.	2.4	88
13	Manganese-induced regulations in growth, yield formation, quality characters, rice aroma and enzyme involved in 2-acetyl-1-pyrroline biosynthesis in fragrant rice. <i>Plant Physiology and Biochemistry</i> , 2016, 103, 167-175.	2.8	87
14	Water management regimes alter Pb uptake and translocation in fragrant rice. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 128-134.	2.9	74
15	Alterations in growth, oxidative damage, and metal uptake of five aromatic rice cultivars under lead toxicity. <i>Plant Physiology and Biochemistry</i> , 2017, 115, 461-471.	2.8	70
16	Effects of concentrations of sodium chloride on photosynthesis, antioxidative enzymes, growth and fiber yield of hybrid ramie. <i>Plant Physiology and Biochemistry</i> , 2014, 76, 86-93.	2.8	69
17	Exogenously applied methyl jasmonate improves the drought tolerance in wheat imposed at early and late developmental stages. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	65
18	Morphoâ€”Physiological Growth and Yield Responses of Two Contrasting Maize Cultivars to Cadmium Exposure. <i>Clean - Soil, Air, Water</i> , 2016, 44, 29-36.	0.7	61

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19	Lead (Pb) distribution and accumulation in different plant parts and its associations with grain Pb contents in fragrant rice. <i>Chemosphere</i> , 2020, 248, 126003.	4.2	61
20	Relay cropping as a sustainable approach: problems and opportunities for sustainable crop production. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6973-6988.	2.7	55
21	Aluminum and Chromium Toxicity in Maize: Implications for Agronomic Attributes, Net Photosynthesis, Physio-Biochemical Oscillations, and Metal Accumulation in Different Plant Parts. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	51
22	Maize Tolerance against Drought and Chilling Stresses Varied with Root Morphology and Antioxidative Defense System. <i>Plants</i> , 2020, 9, 720.	1.6	48
23	Chromium and Aluminum Phytotoxicity in Maize: Morpho-Physiological Responses and Metal Uptake. <i>Clean - Soil, Air, Water</i> , 2016, 44, 1075-1084.	0.7	46
24	Exogenous application of brassinolide can alter morphological and physiological traits of <i>Leymus chinensis</i> (Trin.) Tzvelev under room and high temperatures. <i>Chilean Journal of Agricultural Research</i> , 2016, 76, 27-33.	0.4	40
25	Improving the performance of Bt-cotton under heat stress by foliar application of selenium. <i>Journal of Plant Nutrition</i> , 2018, 41, 1711-1723.	0.9	22
26	Effect of Plant Density, Boron Nutrition and Growth Regulation on Seed Mass, Emergence and Offspring Growth Plasticity in Cotton. <i>Scientific Reports</i> , 2018, 8, 7953.	1.6	14
27	Influence of water management techniques on milling recovery, grain quality and mercury uptake in different rice production systems. <i>Agricultural Water Management</i> , 2021, 243, 106500.	2.4	14
28	Combined foliar application of nutrients and 5-aminolevulinic acid (ALA) improved drought tolerance in <i>Leymus chinensis</i> by modulating its morpho-physiological characteristics. <i>Crop and Pasture Science</i> , 2017, 68, 474.	0.7	13
29	Exogenous Selenium-Instigated Physiochemical Transformations Impart Terminal Heat Tolerance in Bt Cotton. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 274-283.	1.7	12
30	Regulation mechanism of exogenous ALA on growth and physiology of <i>Leymus chinensis</i> (Trin.) under salt stress. <i>Chilean Journal of Agricultural Research</i> , 2016, 76, 314-320.	0.4	10
31	Relay cropping of wheat (<i>Triticum aestivum</i> L.) in cotton (<i>Gossypium hirsutum</i> L.) improves the profitability of cotton-wheat cropping system in Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 782-789.	2.7	7
32	Economic assessment of water-saving irrigation management techniques and continuous flooded irrigation in different rice production systems. <i>Paddy and Water Environment</i> , 2022, 20, 37-50.	1.0	5
33	Dynamics of Soil and Foliar Applied Boron and Zinc to Improve Maize Productivity and Profitability. <i>Pakistan Journal of Agricultural Research</i> , 2017, 30, .	0.1	5
34	Effect of Fruiting Branch/Square Removal on Growth and Quality of Bt Cotton under Different Potassium Rates. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 156-166.	0.6	4
35	Interactive Effect of Different Nitrogen and Potash Levels on the Incidence of Bacterial Leaf Blight of Rice (<i>Oryza sativa</i> L.). <i>Agricultural Sciences</i> , 2017, 08, 56-63.	0.2	3
36	Effect of Mepiquat Chloride on Phenology, Yield and Quality of Cotton as a Function of Application Time Using Different Sowing Techniques. <i>Agronomy</i> , 2022, 12, 1200.	1.3	0