

Shakeel Ahmad Anjum

List of Publications by Year in descending order

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36
papers

2,401
citations

257101

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344852

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docs citations

37
times ranked

2534
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Alternate wetting and drying: A water-saving and ecofriendly rice production system. <i>Agricultural Water Management</i> , 2020, 241, 106363.	2.4	88
6	Maize Tolerance against Drought and Chilling Stresses Varied with Root Morphology and Antioxidative Defense System. <i>Plants</i> , 2020, 9, 720.	1.6	48
7	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
8	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
9	Water management regimes alter Pb uptake and translocation in fragrant rice. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 128-134.	2.9	74
10	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
11	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
12	Lodging stress in cerealâ€”effects and management: an overview. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5222-5237.	2.7	113
13	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
14	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
15	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
16	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
17	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
18	Growth and developmental responses of crop plants under drought stress: a review. <i>Zemdirbyste</i> , 2017, 104, 267-276.	0.3	125

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19	Dynamics of Soil and Foliar Applied Boron and Zinc to Improve Maize Productivity and Profitability. Pakistan Journal of Agricultural Research, 2017, 30, .	0.1	5
20	Interactive Effect of Different Nitrogen and Potash Levels on the Incidence of Bacterial Leaf Blight of Rice (<i>Oryza sativa L.</i>). Agricultural Sciences, 2017, 08, 56-63.	0.2	3
21	Regulation mechanism of exogenous ALA on growth and physiology of <i>Leymus chinensis</i> (Trin.) under salt stress. Chilean Journal of Agricultural Research, 2016, 76, 314-320.	0.4	10
22	Exogenous application of brassinolide can alter morphological and physiological traits of <i>Leymus chinensis</i> (Trin.) Tzvelev under room and high temperatures. Chilean Journal of Agricultural Research, 2016, 76, 27-33.	0.4	40
23	Chromium and Aluminum Phytotoxicity in Maize: Morpho<math>\</math>Physiological Responses and Metal Uptake. Clean - Soil, Air, Water, 2016, 44, 1075-1084.	0.7	46
24	Lithium toxicity in plants: Reasons, mechanisms and remediation possibilities <math>\</math> A review. Plant Physiology and Biochemistry, 2016, 107, 104-115.	2.8	110
25	Effect of progressive drought stress on growth, leaf gas exchange, and antioxidant production in two maize cultivars. Environmental Science and Pollution Research, 2016, 23, 17132-17141.	2.7	90
26	Aluminum and Chromium Toxicity in Maize: Implications for Agronomic Attributes, Net Photosynthesis, Physio-Biochemical Oscillations, and Metal Accumulation in Different Plant Parts. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	51
27	Morpho<math>\</math>Physiological Growth and Yield Responses of Two Contrasting Maize Cultivars to Cadmium Exposure. Clean - Soil, Air, Water, 2016, 44, 29-36.	0.7	61
28	Manganese-induced regulations in growth, yield formation, quality characters, rice aroma and enzyme involved in 2-acetyl-1-pyrroline biosynthesis in fragrant rice. Plant Physiology and Biochemistry, 2016, 103, 167-175.	2.8	87
29	Effect of Fruiting Branch/Square Removal on Growth and Quality of Bt Cotton under Different Potassium Rates. Communications in Soil Science and Plant Analysis, 2016, 47, 156-166.	0.6	4
30	Osmoregulation and antioxidant production in maize under combined cadmium and arsenic stress. Environmental Science and Pollution Research, 2016, 23, 11864-11875.	2.7	141
31	Exogenously applied methyl jasmonate improves the drought tolerance in wheat imposed at early and late developmental stages. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	65
32	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.). Environmental Science and Pollution Research, 2015, 22, 10669-10678.	2.7	159
33	Cadmium toxicity in Maize (<i>Zea mays</i> L.): consequences on antioxidative systems, reactive oxygen species and cadmium accumulation. Environmental Science and Pollution Research, 2015, 22, 17022-17030.	2.7	215
34	Lead toxicity in rice: effects, mechanisms, and mitigation strategies<math>\</math>a mini review. Environmental Science and Pollution Research, 2015, 22, 18318-18332.	2.7	186
35	Effects of concentrations of sodium chloride on photosynthesis, antioxidative enzymes, growth and fiber yield of hybrid ramie. Plant Physiology and Biochemistry, 2014, 76, 86-93.	2.8	69
36	Antioxidant defense system and proline accumulation enables hot pepper to perform better under drought. Scientia Horticulturae, 2012, 140, 66-73.	1.7	128