Muhammad Asif Shehzad

List of Publications by Year
in descending order

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18	305	933447 10	888059 17
papers	citations	h-index	g-index

20	20	20	363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protective effect of potassium and chitosan supply on growth, physiological processes and antioxidative machinery in sunflower (Helianthus annuus L.) under drought stress. Ecotoxicology and Environmental Safety, 2020, 187, 109841.	6.0	51
2	Sulfate-mediated Drought Tolerance in Maize Involves Regulation at Physiological and Biochemical Levels. Scientific Reports, 2020, 10, 1147.	3.3	46
3	Glyphosate hormesis in broad-leaved weeds: a challenge for weed management. Archives of Agronomy and Soil Science, 2017, 63, 344-351.	2.6	33
4	Chitosan-Induced Physiological and Biochemical Regulations Confer Drought Tolerance in Pot Marigold (Calendula officinalis L.). Agronomy, 2022, 12, 474.	3.0	28
5	Pretreatment with selenium and zinc modulates physiological indices and antioxidant machinery to improve drought tolerance in maize (Zea mays L.). South African Journal of Botany, 2021, 138, 209-216.	2.5	19
6	Sulfate-Based Fertilizers Regulate Nutrient Uptake, Photosynthetic Gas Exchange, and Enzymatic Antioxidants to Increase Sunflower Growth and Yield Under Drought Stress. Journal of Soil Science and Plant Nutrition, 2021, 21, 2229-2241.	3.4	18
7	Supplemental potassium mediates antioxidant metabolism, physiological processes, and osmoregulation to confer salt stress tolerance in cabbage (Brassica oleracea L.). Horticulture Environment and Biotechnology, 2019, 60, 853-869.	2.1	16
8	Rice cultures and nitrogen rate effects on yield and quality of rice (Oryza sativa L.). Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2013, 37, 665-673.	2.1	14
9	Zinc-Solubilizing Bacteria-Mediated Enzymatic and Physiological Regulations Confer Zinc Biofortification in Chickpea (Cicer arietinum L.). Journal of Soil Science and Plant Nutrition, 2021, 21, 2456-2471.	3.4	13
10	Boron-induced improvement in physiological, biochemical and growth attributes in sunflower (Helianthus annuusL.) exposed to terminal drought stress. Journal of Plant Nutrition, 2018, 41, 943-955.	1.9	10
11	Fortification of durum wheat semolina with detoxified matri (Lathyrus sativus) flour to improve the nutritional properties of pasta. Journal of Food Science and Technology, 2018, 55, 2114-2121.	2.8	10
12	Physiological insights into sulfate and selenium interaction to improve drought tolerance in mung bean. Physiology and Molecular Biology of Plants, 2021, 27, 1073-1087.	3.1	9
13	Do natural leaf extracts involve regulation at physiological and biochemical levels to extend vase life of gladiolus cut flowers?. Scientia Horticulturae, 2021, 282, 110042.	3.6	8
14	Pretreatment with Chitosan Arbitrates Physiological Processes and Antioxidant Defense System to Increase Drought Tolerance in Alfalfa (Medicago sativa L.). Journal of Soil Science and Plant Nutrition, 2022, 22, 2169-2186.	3.4	8
15	Silicon Seed Priming Combined with Foliar Spray of Sulfur Regulates Photosynthetic and Antioxidant Systems to Confer Drought Tolerance in Maize (Zea mays L.). Silicon, 2022, 14, 7901-7917.	3.3	7
16	Dry Matter Partitioning and Mineral Constitution Response of Sunflower (Helianthus annuus) to Integrated Nitrogen and Boron Nutrition in Calcareous Soils. International Journal of Agriculture and Biology, 2016, 18, 257-265.	0.4	5
17	LIGHT INTERCEPTION, RADIATION USE EFFICIENCY AND BIOMASS ACCUMULATION RESPONSE OF MAIZE TO INTEGRATED NUTRIENT MANAGEMENT UNDER DROUGHT STRESS CONDITIONS. Turkish Journal of Field Crops, 0, , .	0.8	3
18	Impact of nitrogen nutrition and moisture deficits on growth, yield and radiation use efficiency of wheat (Triticum aestivum L.). African Journal of Biotechnology, 2012, 11, .	0.6	2