Muhammad Ahmad

List of Publications by Year
in descending order

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Version: 2024-02-01

17 papers	641 citations	840119 11 h-index	940134 16 g-index
17 all docs	17 docs citations	17 times ranked	464 citing authors

#	Article	IF	Citations
1	Lead toxicity in plants: Impacts and remediation. Journal of Environmental Management, 2019, 250, 109557.	3.8	255
2	Cadmium Phytotoxicity, Tolerance, and Advanced Remediation Approaches in Agricultural Soils; A Comprehensive Review. Frontiers in Plant Science, 2022, 13, 773815.	1.7	77
3	Cadmium Toxicity in Plants: Recent Progress on Morpho-physiological Effects and Remediation Strategies. Journal of Soil Science and Plant Nutrition, 2022, 22, 212-269.	1.7	62
4	Zinc-Induced Effects on Productivity, Zinc Use Efficiency, and Grain Biofortification of Bread Wheat under Different Tillage Permutations. Agronomy, 2020, 10, 1566.	1.3	41
5	Adaptation Strategies to Improve the Resistance of Oilseed Crops to Heat Stress Under a Changing Climate: An Overview. Frontiers in Plant Science, 2021, 12, 767150.	1.7	30
6	Thiourea application improves heat tolerance in camelina (Camelina sativa L. Crantz) by modulating gas exchange, antioxidant defense and osmoprotection. Industrial Crops and Products, 2021, 170, 113826.	2.5	26
7	Foliar applied potassium stimulate drought tolerance in canola under water deficit conditions. Journal of Plant Nutrition, 2020, 43, 1923-1934.	0.9	20
8	Foliar Applied Thiourea Improved Physiological Traits and Yield of Camelina and Canola Under Normal and Heat Stress Conditions. Journal of Soil Science and Plant Nutrition, 2021, 21, 1666-1678.	1.7	19
9	Manganese Supply Improves Bread Wheat Productivity, Economic Returns and Grain Biofortification under Conventional and No Tillage Systems. Agriculture (Switzerland), 2021, 11, 142.	1.4	16
10	Nitrogen Fixation of Legumes: Biology and Physiology. , 2020, , 43-74.		16
11	Thiourea Application Increases Seed and Oil Yields in Camelina Under Heat Stress by Modulating the Plant Water Relations and Antioxidant Defense System. Journal of Soil Science and Plant Nutrition, 2023, 23, 290-307.	1.7	15
12	Foliar application of sulfur improved growth, yield and physiological attributes of canola (brassica napus L.) under heat stress conditions. Journal of Plant Nutrition, 2022, 45, 369-379.	0.9	14
13	Seed Priming with Sulfhydral Thiourea Enhances the Performance of Camelina sativa L. under Heat Stress Conditions. Agronomy, 2021, 11, 1875.	1.3	13
14	Improving Heat Stress Tolerance in Camelina sativa and Brassica napus Through Thiourea Seed Priming. Journal of Plant Growth Regulation, 2022, 41, 2886-2902.	2.8	13
15	Thiourea Application Improves the Growth and Seed and Oil Yields in Canola by Modulating Gas Exchange, Antioxidant Defense, and Osmoprotection Under Heat Stress. Journal of Soil Science and Plant Nutrition, 2022, 22, 3655-3666.	1.7	11
16	Enhancing the accumulation and bioavailability of iron in rice grains via agronomic interventions. Crop and Pasture Science, 2022, 73, 32-43.	0.7	8
17	Crank Nicholson scheme to examine the fractional-order unsteady nanofluid flow of free convection of viscous fluids. PLoS ONE, 2022, 17, e0261860.	1.1	5