

Usman Zulfiqar

List of Publications by Year in descending order

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papers

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448610

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#	ARTICLE	IF	CITATIONS
1	Thiourea Application Increases Seed and Oil Yields in Camelina Under Heat Stress by Modulating the Plant Water Relations and Antioxidant Defense System. <i>Journal of Soil Science and Plant Nutrition</i> , 2023, 23, 290-307.	1.7	15
2	Enhancing the accumulation and bioavailability of iron in rice grains via agronomic interventions. <i>Crop and Pasture Science</i> , 2022, 73, 32-43.	0.7	8
3	Improving Heat Stress Tolerance in Camelina sativa and Brassica napus Through Thiourea Seed Priming. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 2886-2902.	2.8	13
4	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
5	Cadmium Toxicity in Plants: Recent Progress on Morpho-physiological Effects and Remediation Strategies. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 212-269.	1.7	62
6	Heat stress effects on the reproductive physiology and yield of wheat. <i>Journal of Agronomy and Crop Science</i> , 2022, 208, 1-17.	1.7	70
7	Cadmium Phytotoxicity, Tolerance, and Advanced Remediation Approaches in Agricultural Soils; A Comprehensive Review. <i>Frontiers in Plant Science</i> , 2022, 13, 773815.	1.7	77
8	Methionine Promotes the Growth and Yield of Wheat under Water Deficit Conditions by Regulating the Antioxidant Enzymes, Reactive Oxygen Species, and Ions. <i>Life</i> , 2022, 12, 969.	1.1	12
9	Thiourea Application Improves the Growth and Seed and Oil Yields in Canola by Modulating Gas Exchange, Antioxidant Defense, and Osmoprotection Under Heat Stress. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 3655-3666.	1.7	11
10	Zinc nutrition to enhance rice productivity, zinc use efficiency, and grain biofortification under different production systems. <i>Crop Science</i> , 2021, 61, 739-749.	0.8	25
11	Strategies for reducing cadmium accumulation in rice grains. <i>Journal of Cleaner Production</i> , 2021, 286, 125557.	4.6	70
12	Influence of Nitrogen Fertilization Pattern on Productivity, Nitrogen Use Efficiencies, and Profitability in Different Rice Production Systems. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 145-161.	1.7	10
13	Foliar Manganese Supply Enhances Crop Productivity, Net Benefits, and Grain Manganese Accumulation in Direct-Seeded and Puddled Transplanted Rice. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1539-1556.	2.8	14
14	Manganese Supply Improves Bread Wheat Productivity, Economic Returns and Grain Biofortification under Conventional and No Tillage Systems. <i>Agriculture (Switzerland)</i> , 2021, 11, 142.	1.4	16
15	Differential Morphophysiological, Biochemical, and Molecular Responses of Maize Hybrids to Salinity and Alkalinity Stresses. <i>Agronomy</i> , 2021, 11, 1150.	1.3	19
16	Grain development in wheat under combined heat and drought stress: Plant responses and management. <i>Environmental and Experimental Botany</i> , 2021, 188, 104517.	2.0	60
17	Carbon Sequestration to Avoid Soil Degradation: A Review on the Role of Conservation Tillage. <i>Plants</i> , 2021, 10, 2001.	1.6	31
18	Thiourea application improves heat tolerance in camelina (<i>Camelina sativa</i> L. Crantz) by modulating gas exchange, antioxidant defense and osmoprotection. <i>Industrial Crops and Products</i> , 2021, 170, 113826.	2.5	26

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19	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
20	Adaptation Strategies to Improve the Resistance of Oilseed Crops to Heat Stress Under a Changing Climate: An Overview. <i>Frontiers in Plant Science</i> , 2021, 12, 767150.	1.7	30
21	Influence of Zn nutrition on the productivity, grain quality and grain biofortification of wheat under conventional and conservation rice-wheat cropping systems. <i>Archives of Agronomy and Soil Science</i> , 2020, 66, 1042-1057.	1.3	17
22	Application of zinc and biochar help to mitigate cadmium stress in bread wheat raised from seeds with high intrinsic zinc. <i>Chemosphere</i> , 2020, 260, 127652.	4.2	52
23	Alternate wetting and drying: A water-saving and ecofriendly rice production system. <i>Agricultural Water Management</i> , 2020, 241, 106363.	2.4	88
24	Agronomic Biofortification of Zinc in Pakistan: Status, Benefits, and Constraints. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	42
25	Influence of Nitrogen Management Regimes on Milling Recovery and Grain Quality of Aromatic Rice in Different Rice Production Systems. <i>Agronomy</i> , 2020, 10, 1841.	1.3	14
26	Zinc-Induced Effects on Productivity, Zinc Use Efficiency, and Grain Biofortification of Bread Wheat under Different Tillage Permutations. <i>Agronomy</i> , 2020, 10, 1566.	1.3	41
27	Iron Nutrition Improves Productivity, Profitability, and Biofortification of Bread Wheat under Conventional and Conservation Tillage Systems. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1298-1310.	1.7	21
28	Biofortification of Rice with Iron and Zinc: Progress and Prospects. , 2020, , 605-627.		6
29	Lead toxicity in plants: Impacts and remediation. <i>Journal of Environmental Management</i> , 2019, 250, 109557.	3.8	255
30	A global perspective on the biology, impact and management of <i>Chenopodium album</i> and <i>Chenopodium murale</i> : two troublesome agricultural and environmental weeds. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5357-5371.	2.7	28
31	MANGANESE NUTRITION IMPROVES THE PRODUCTIVITY AND GRAIN BIOFORTIFICATION OF BREAD WHEAT IN ALKALINE CALCAREOUS SOIL. <i>Experimental Agriculture</i> , 2018, 54, 744-754.	0.4	30
32	Application of zinc improves the productivity and biofortification of fine grain aromatic rice grown in dry seeded and puddled transplanted production systems. <i>Field Crops Research</i> , 2018, 216, 53-62.	2.3	93
33	Optimizing Row Spacing for Direct Seeded Aerobic Rice under Dry and Moist Fields. <i>Pakistan Journal of Agricultural Research</i> , 2018, 31, .	0.1	3
34	Manganese nutrition improves the productivity and grain biofortification of fine grain aromatic rice in conventional and conservation production systems. <i>Paddy and Water Environment</i> , 2017, 15, 563-572.	1.0	13
35	Heat stress in grain legumes during reproductive and grain-filling phases. <i>Crop and Pasture Science</i> , 2017, 68, 985.	0.7	70
36	LIGHT INTERCEPTION, RADIATION USE EFFICIENCY AND BIOMASS ACCUMULATION RESPONSE OF MAIZE TO INTEGRATED NUTRIENT MANAGEMENT UNDER DROUGHT STRESS CONDITIONS. <i>Turkish Journal of Field Crops</i> , 0, , .	0.2	3