

# Muhammad Zeeshan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1077454/publications.pdf>

Version: 2024-02-01

16  
papers

560  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seed priming with zinc oxide nanoparticles downplayed ultrastructural damage and improved photosynthetic apparatus in maize under cobalt stress. <i>Journal of Hazardous Materials</i> , 2022, 423, 127021.	12.4	122
2	Melatonin and KNO <sub>3</sub> Application Improves Growth, Physiological and Biochemical Characteristics of Maize Seedlings under Waterlogging Stress Conditions. <i>Biology</i> , 2022, 11, 99.	2.8	19
3	Irrigation and Nitrogen Fertilization Alter Soil Bacterial Communities, Soil Enzyme Activities, and Nutrient Availability in Maize Crop. <i>Frontiers in Microbiology</i> , 2022, 13, 833758.	3.5	31
4	Mycorrhizal symbiosis promotes the nutrient content accumulation and affects the root exudates in maize. <i>BMC Plant Biology</i> , 2022, 22, 64.	3.6	32
5	Interactive Effects of Melatonin and Nitrogen Improve Drought Tolerance of Maize Seedlings by Regulating Growth and Physiochemical Attributes. <i>Antioxidants</i> , 2022, 11, 359.	5.1	42
6	Effect of Integrated Organic–Inorganic Amendments on Leaf Physiological and Grain Starch Viscosity (Rapid Visco-Analyzer Profile) Characteristics of Rice and Ultisols Soil Quality. <i>Agronomy</i> , 2022, 12, 863.	3.0	2
7	Gradual Application of Potassium Fertilizer Elevated the Sugar Conversion Mechanism and Yield of Waxy and Sweet Fresh-Eaten Maize in the Semiarid Cold Region. <i>Journal of Food Quality</i> , 2021, 2021, 1-11.	2.6	6
8	Ameliorative effect of melatonin improves drought tolerance by regulating growth, photosynthetic traits and leaf ultrastructure of maize seedlings. <i>BMC Plant Biology</i> , 2021, 21, 368.	3.6	75
9	Long-term straw mulching in a no-till field improves soil functionality and rice yield by increasing soil enzymatic activity and chemical properties in paddy soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2021, 184, 622-634.	1.9	14
10	Amelioration of AsV toxicity by concurrent application of ZnO-NPs and Se-NPs is associated with differential regulation of photosynthetic indexes, antioxidant pool and osmolytes content in soybean seedling. <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112738.	6.0	37
11	Arbuscular mycorrhizal fungi reverse selenium stress in <i>Zea mays</i> seedlings by improving plant and soil characteristics. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113000.	6.0	11
12	Mechanistic Insights into Potassium-Conferred Drought Stress Tolerance in Cultivated and Tibetan Wild Barley: Differential Osmoregulation, Nutrient Retention, Secondary Metabolism and Antioxidative Defense Capacity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13100.	4.1	7
13	Genome-Wide Discovery of miRNAs with Differential Expression Patterns in Responses to Salinity in the Two Contrasting Wheat Cultivars. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12556.	4.1	10
14	CO <sub>2</sub> enrichment using CRAM fermentation improves growth, physiological traits and yield of cherry tomato ( <i>Solanum lycopersicum</i> L.). <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1041-1048.	3.8	15
15	Comparison of Biochemical, Anatomical, Morphological, and Physiological Responses to Salinity Stress in Wheat and Barley Genotypes Deferring in Salinity Tolerance. <i>Agronomy</i> , 2020, 10, 127.	3.0	119
16	Resemblance and Difference of Seedling Metabolic and Transporter Gene Expression in High Tolerance Wheat and Barley Cultivars in Response to Salinity Stress. <i>Plants</i> , 2020, 9, 519.	3.5	18