

# Muhammad Imran Ghani

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

434  
citations

759055

12  
h-index

752573

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical and Physiological Responses of Cucumis sativus Cultivars to Different Combinations of Low-Temperature and High Humidity. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 390-406.	2.8	13
2	Foliar application of zinc oxide nanoparticles: An effective strategy to mitigate drought stress in cucumber seedling by modulating antioxidant defense system and osmolytes accumulation. <i>Chemosphere</i> , 2022, 289, 133202.	4.2	91
3	Arbuscular Mycorrhizal Fungi and Dry Raw Garlic Stalk Amendment Alleviate Continuous Monocropping Growth and Photosynthetic Declines in Eggplant by Bolstering Its Antioxidant System and Accumulation of Osmolytes and Secondary Metabolites. <i>Frontiers in Plant Science</i> , 2022, 13, 849521.	1.7	10
4	Allium sativum L. (Garlic) bulb enlargement as influenced by differential combinations of photoperiod and temperature. <i>Food Chemistry</i> , 2021, 338, 127991.	4.2	5
5	Application of garlic allelochemicals improves growth and induces defense responses in eggplant ( <i>Solanum melongena</i> ) against <i>Vorticillium dahliae</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112132.	2.9	11
6	Different cropping systems regulate the metabolic capabilities and potential ecological functions altered by soil microbiome structure in the plastic shed mono-cropped cucumber rhizosphere. <i>Agriculture, Ecosystems and Environment</i> , 2021, 318, 107486.	2.5	20
7	Arbuscular mycorrhizal inoculum coupled with organic substrate induces synergistic effects for soil quality changes, and rhizosphere microbiome structure in long-term monocropped cucumber planted soil. <i>Rhizosphere</i> , 2021, 20, 100428.	1.4	8
8	Transcriptomic analysis of Allium sativum uncovers putative genes involved in photoperiodic pathway and hormone signaling under long day and short day conditions. <i>Plant Science</i> , 2021, 313, 111095.	1.7	7
9	Recent Advances in Plant Adaptation to Climate Change – An Introduction to Compatible Solutes. , 2021, , 1-9.		0
10	Garlic Substrate Induces Cucumber Growth Development and Decreases Fusarium Wilt through Regulation of Soil Microbial Community Structure and Diversity in Replanted Disturbed Soil. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6008.	1.8	24
11	Effect of photoperiod and temperature on garlic ( <i>Allium sativum</i> L.) bulbing and selected endogenous chemical factors. <i>Environmental and Experimental Botany</i> , 2020, 180, 104250.	2.0	8
12	Mechanism of Allium Crops Bulb Enlargement in Response to Photoperiod: A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1325.	1.8	17
13	Variation in Morphological and Quality Parameters in Garlic ( <i>Allium sativum</i> L.) Bulb Influenced by Different Photoperiod, Temperature, Sowing and Harvesting Time. <i>Plants</i> , 2020, 9, 155.	1.6	22
14	Foliar spraying of aqueous garlic bulb extract stimulates growth and antioxidant enzyme activity in eggplant ( <i>Solanum melongena</i> L.). <i>Journal of Integrative Agriculture</i> , 2019, 18, 1001-1013.	1.7	31
15	Priming of <i>Solanum melongena</i> L. Seeds Enhances Germination, Alters Antioxidant Enzymes, Modulates ROS, and Improves Early Seedling Growth: Indicating Aqueous Garlic Extract as Seed-Priming Bio-Stimulant for Eggplant Production. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2203.	1.3	28
16	HiSeq Base Molecular Characterization of Soil Microbial Community, Diversity Structure, and Predictive Functional Profiling in Continuous Cucumber Planted Soil Affected by Diverse Cropping Systems in an Intensive Greenhouse Region of Northern China. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2619.	1.8	56
17	Changes in the Soil Microbiome in Eggplant Monoculture Revealed by High-Throughput Illumina MiSeq Sequencing as Influenced by Raw Garlic Stalk Amendment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2125.	1.8	14
18	Soil Amendment with Raw Garlic Stalk: A Novel Strategy to Stimulate Growth and the Antioxidative Defense System in Monocropped Eggplant in the North of China. <i>Agronomy</i> , 2019, 9, 89.	1.3	15

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19	Co-Amended Synergistic Interactions between Arbuscular Mycorrhizal Fungi and the Organic Substrate-Induced Cucumber Yield and Fruit Quality Associated with the Regulation of the AM-Fungal Community Structure under Anthropogenic Cultivated Soil. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1539.	1.8	24
20	Influence of Different Photoperiod and Temperature Regimes on Growth and Bulb Quality of Garlic ( <i>Allium sativum</i> L.) Cultivars. <i>Agronomy</i> , 2019, 9, 879.	1.3	24
21	Regulation of Growth and Physiological traits of Cucumber ( <i>Cucumis sativus</i> L.) through various levels of 28-Homobrassinolide under salt stress conditions. <i>Canadian Journal of Plant Science</i> , 2017, , .	0.3	6