

# Muhammad Junaid Rao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9532628/publications.pdf>

Version: 2024-02-01

24  
papers

582  
citations

759233

12  
h-index

752698

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Volkamer Lemon Tetraploid Rootstock Transmits the Salt Tolerance When Grafted with Diploid Kinnow Mandarin by Strong Antioxidant Defense Mechanism and Efficient Osmotic Adjustment. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1125-1137.	5.1	19
2	Advances, limitations, and prospects of biosensing technology for detecting phytopathogenic bacteria. <i>Chemosphere</i> , 2022, 296, 133773.	8.2	32
3	Novel Insights into Anthocyanin Metabolism and Molecular Characterization of Associated Genes in Sugarcane Rinds Using the Metabolome and Transcriptome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 338.	4.1	12
4	LC-MS/MS-based metabolomics approach revealed novel phytochemicals from sugarcane rind with promising pharmacological value. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6632-6642.	3.5	7
5	Transcriptomic and Widely Targeted Metabolomic Approach Identified Diverse Group of Bioactive Compounds, Antiradical Activities, and Their Associated Genes in Six Sugarcane Varieties. <i>Antioxidants</i> , 2022, 11, 1319.	5.1	6
6	Natural variations of TFIIA $\beta$ gene and LOB1 promoter contribute to citrus canker disease resistance in <i>Atalantia buxifolia</i> . <i>PLoS Genetics</i> , 2021, 17, e1009316.	3.5	14
7	Comparison and Quantification of Metabolites and Their Antioxidant Activities in Young and Mature Leaves of Sugarcane. <i>ACS Food Science &amp; Technology</i> , 2021, 1, 362-373.	2.7	15
8	Transcriptome and MiRNAomics Analyses Identify Genes Associated with Cytoplasmic Male Sterility in Cotton ( <i>Gossypium hirsutum</i> L.). <i>International Journal of Molecular Sciences</i> , 2021, 22, 4684.	4.1	14
9	Genome of a citrus rootstock and global DNA demethylation caused by heterografting. <i>Horticulture Research</i> , 2021, 8, 69.	6.3	45
10	Expression Profiling of Flavonoid Biosynthesis Genes and Secondary Metabolites Accumulation in <i>Populus</i> under Drought Stress. <i>Molecules</i> , 2021, 26, 5546.	3.8	34
11	Antioxidant Metabolites in Primitive, Wild, and Cultivated Citrus and Their Role in Stress Tolerance. <i>Molecules</i> , 2021, 26, 5801.	3.8	20
12	CRISPR/Cas9 technology for improving agronomic traits and future prospective in agriculture. <i>Planta</i> , 2021, 254, 68.	3.2	28
13	Probing the structural basis of Citrus phytochrome B using computational modelling and molecular dynamics simulation approaches. <i>Journal of Molecular Liquids</i> , 2021, 340, 116895.	4.9	11
14	Genomic insights into citrus domestication and its important agronomic traits. <i>Plant Communications</i> , 2021, 2, 100138.	7.7	41
15	Molecular signatures between citrus and <i>Candidatus Liberibacter asiaticus</i> . <i>PLoS Pathogens</i> , 2021, 17, e1010071.	4.7	23
16	CsCYT75B1, a Citrus CYTOCHROME P450 Gene, Is Involved in Accumulation of Antioxidant Flavonoids and Induces Drought Tolerance in Transgenic Arabidopsis. <i>Antioxidants</i> , 2020, 9, 161.	5.1	65
17	Oxidative Stress and Antioxidant Defense in Plants Under Drought Conditions. , 2019, , 207-219.		37
18	Effect of different combinations of antibiotics on fruit quality and antioxidant defense system in Huanglongbing infected Kinnow orchards. <i>AMB Express</i> , 2019, 9, 147.	3.0	12

#	ARTICLE	IF	CITATIONS
19	Ectopic expression of citrus UDP-GLUCOSYL TRANSFERASE gene enhances anthocyanin and proanthocyanidins contents and confers high light tolerance in Arabidopsis. BMC Plant Biology, 2019, 19, 603.	3.6	32
20	Hydropriming for Plant Growth and Stress Tolerance. , 2019, , 373-384.		2
21	Effect of Seed Priming on Seed Dormancy and Vigor. , 2019, , 135-145.		7
22	Metabolic Mechanisms of Host Species Against Citrus Huanglongbing (Greening Disease). Critical Reviews in Plant Sciences, 2018, 37, 496-511.	5.7	29
23	Drought tolerance in citrus rootstocks is associated with better antioxidant defense mechanism. Acta Physiologiae Plantarum, 2018, 40, 1.	2.1	70
24	Sugarcane Rind Secondary Metabolites and Their Antioxidant Activities in Eleven Cultivated Sugarcane Varieties. Sugar Tech, 0, , 1.	1.8	6