

# Dao-Jun Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

409  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
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14  
docs citations

14  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of nitrogen-fixing rhizobacteria associated with sugarcane: a comprehensive study of plant-microbe interactions for growth enhancement in <i>Saccharum</i> spp.. <i>BMC Plant Biology</i> , 2020, 20, 220.	3.6	80
2	Complete Genome Sequence of <i>Enterobacter roggenkampii</i> ED5, a Nitrogen Fixing Plant Growth Promoting Endophytic Bacterium With Biocontrol and Stress Tolerance Properties, Isolated From Sugarcane Root. <i>Frontiers in Microbiology</i> , 2020, 11, 580081.	3.5	63
3	Whole Genome Analysis of Sugarcane Root-Associated Endophyte <i>Pseudomonas aeruginosa</i> B18A Plant Growth-Promoting Bacterium With Antagonistic Potential Against <i>Sporisorium scitamineum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 628376.	3.5	53
4	Foliar application of silicon boosts growth, photosynthetic leaf gas exchange, antioxidative response and resistance to limited water irrigation in sugarcane ( <i>Saccharum officinarum</i> L.). <i>Plant Physiology and Biochemistry</i> , 2021, 166, 582-592.	5.8	49
5	Diazotrophic Bacteria <i>Pantoea dispersa</i> and <i>Enterobacter asburiae</i> Promote Sugarcane Growth by Inducing Nitrogen Uptake and Defense-Related Gene Expression. <i>Frontiers in Microbiology</i> , 2020, 11, 600417.	3.5	39
6	Plant-PGPR interaction study of plant growth-promoting diazotrophs <i>Kosakonia radicincitans</i> BA1 and <i>Stenotrophomonas maltophilia</i> COA2 to enhance growth and stress-related gene expression in <i>Saccharum</i> spp.. <i>Journal of Plant Interactions</i> , 2020, 15, 427-445.	2.1	32
7	Insights into the Bacterial and Nitric Oxide-Induced Salt Tolerance in Sugarcane and Their Growth-Promoting Abilities. <i>Microorganisms</i> , 2021, 9, 2203.	3.6	23
8	Root-Derived Endophytic Diazotrophic Bacteria <i>Pantoea cyripedii</i> AF1 and <i>Kosakonia arachidis</i> EF1 Promote Nitrogen Assimilation and Growth in Sugarcane. <i>Frontiers in Microbiology</i> , 2021, 12, 774707.	3.5	17
9	Transcriptomic exploration of a high sucrose mutant in comparison with the low sucrose mother genotype in sugarcane during sugar accumulating stage. <i>GCB Bioenergy</i> , 2021, 13, 1448-1465.	5.6	11
10	Comparative analysis of protein and differential responses of defense-related gene and enzyme activity reveals the long-term molecular responses of sugarcane inoculated with <i>Sporisorium scitamineum</i> . <i>Journal of Plant Interactions</i> , 2021, 16, 12-29.	2.1	10
11	Comparative transcriptome analysis of two sugarcane varieties in response to diazotrophic plant growth promoting endophyte <i>Enterobacter roggenkampii</i> ED5. <i>Journal of Plant Interactions</i> , 2022, 17, 75-84.	2.1	10
12	Differential Protein Expression Analysis of Two Sugarcane Varieties in Response to Diazotrophic Plant Growth-Promoting Endophyte <i>Enterobacter roggenkampii</i> ED5. <i>Frontiers in Plant Science</i> , 2021, 12, 727741.	3.6	8
13	High-Throughput Sequencing-Based Analysis of Rhizosphere and Diazotrophic Bacterial Diversity Among Wild Progenitor and Closely Related Species of Sugarcane ( <i>Saccharum</i> spp. Inter-Specific) Tj ETQq1 1 0.7843d 4 rgBT Overloc		
14	Morphological, agronomical, physiological and molecular characterization of a high sugar mutant of sugarcane in comparison to mother variety. <i>PLoS ONE</i> , 2022, 17, e0264990.	2.5	6