

Yushi Zhang

List of Publications by Year in descending order

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15
papers

275
citations

933447

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996975

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15
docs citations

15
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Brassinosteroids modulate nitrogen physiological response and promote nitrogen uptake in maize (<i>Zea mays</i> L.). <i>Crop Journal</i> , 2022, 10, 166-176.	5.2	19
2	Fertilizer stabilizers reduce nitrous oxide emissions from agricultural soil by targeting microbial nitrogen transformations. <i>Science of the Total Environment</i> , 2022, 806, 151225.	8.0	11
3	Nitrification inhibitor 3,4-dimethylpyrazole phosphate (<sc>DMPP</sc>) reduces <sc>N₂O</sc> emissions by altering the soil microbial community in a wheat-maize rotation on the North China Plain. <i>European Journal of Soil Science</i> , 2021, 72, 1270-1291.	3.9	10
4	Efficient carbon recycling and modulation of antioxidants involved in elongation of the parasitic plant dodder (<i>Cuscuta</i> spp.) in vitro. <i>Plant Science</i> , 2021, 303, 110770.	3.6	2
5	A (conditional) role for labdane-related diterpenoid natural products in rice stomatal closure. <i>New Phytologist</i> , 2021, 230, 698-709.	7.3	18
6	Coronatine Modulated the Generation of Reactive Oxygen Species for Regulating the Water Loss Rate in the Detaching Maize Seedlings. <i>Agriculture (Switzerland)</i> , 2021, 11, 685.	3.1	7
7	Glycine Betaine-Mediated Root Priming Improves Water Stress Tolerance in Wheat (<i>Triticum aestivum</i>) Tj ETQq1 1 0.7843147gBT /Over 3.1	3.1	7
8	Ethephon Reduces Maize Nitrogen Uptake but Improves Nitrogen Utilization in <i>Zea mays</i> L.. <i>Frontiers in Plant Science</i> , 2021, 12, 762736.	3.6	5
9	Ethephon-regulated maize internode elongation associated with modulating auxin and gibberellin signal to alter cell wall biosynthesis and modification. <i>Plant Science</i> , 2020, 290, 110196.	3.6	35
10	Copalyl Diphosphate Synthase Mutation Improved Salt Tolerance in Maize (<i>Zea mays</i> L.) via Enhancing Vacuolar Na ⁺ Sequestration and Maintaining ROS Homeostasis. <i>Frontiers in Plant Science</i> , 2020, 11, 457.	3.6	11
11	The Role of Gibberellins in Regulation of Nitrogen Uptake and Physiological Traits in Maize Responding to Nitrogen Availability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1824.	4.1	23
12	Introducing selective agrochemical manipulation of gibberellin metabolism into a cereal crop. <i>Nature Plants</i> , 2020, 6, 67-72.	9.3	17
13	Ethephon Improved Stalk Strength of Maize (<i>Zea Mays</i> L.) Mainly through Altering Internode Morphological Traits to Modulate Mechanical Properties under Field Conditions. <i>Agronomy</i> , 2019, 9, 186.	3.0	15
14	Ethephon improved drought tolerance in maize seedlings by modulating cuticular wax biosynthesis and membrane stability. <i>Journal of Plant Physiology</i> , 2017, 214, 123-133.	3.5	27
15	Increased abscisic acid levels in transgenic maize overexpressing <i>AtLOS5</i> mediated root ion fluxes and leaf water status under salt stress. <i>Journal of Experimental Botany</i> , 2016, 67, 1339-1355.	4.8	68