Xie Xianan

List of Publications by Year
in descending order

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14	600	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	630
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional analysis of the novel mycorrhizaâ€specific phosphate transporter <scp>A</scp>s<scp>PT</scp>1 and <scp>PHT</scp>1 family from <scp>A</scp>stragalus sinicus during the arbuscular mycorrhizal symbiosis. New Phytologist, 2013, 198, 836-852.	7.3	110
2	Arbuscular Mycorrhizal Symbiosis Requires a Phosphate Transceptor in the Gigaspora margarita Fungal Symbiont. Molecular Plant, 2016, 9, 1583-1608.	8.3	90
3	Interactions Between Phosphorus, Zinc, and Iron Homeostasis in Nonmycorrhizal and Mycorrhizal Plants. Frontiers in Plant Science, 2019, 10, 1172.	3.6	85
4	At the nexus of three kingdoms: the genome of the mycorrhizal fungus Gigaspora margarita provides insights into plant, endobacterial and fungal interactions. Environmental Microbiology, 2020, 22, 122-141.	3.8	84
5	Arbuscular Mycorrhizal Fungal 14-3-3 Proteins Are Involved in Arbuscule Formation and Responses to Abiotic Stresses During AM Symbiosis. Frontiers in Microbiology, 2018, 9, 91.	3.5	67
6	Cross-Talks Between Macro- and Micronutrient Uptake and Signaling in Plants. Frontiers in Plant Science, 2021, 12, 663477.	3.6	53
7	Rice SST Variation Shapes the Rhizosphere Bacterial Community, Conferring Tolerance to Salt Stress through Regulating Soil Metabolites. MSystems, 2020, 5, .	3.8	35
8	A SPX domainâ€containing phosphate transporter from Rhizophagus irregularis handles phosphate homeostasis at symbiotic interface of arbuscular mycorrhizas. New Phytologist, 2022, 234, 650-671.	7.3	25
9	Arbuscular mycorrhizal fungi promote lead immobilization by increasing the polysaccharide content within pectin and inducing cell wall peroxidase activity. Chemosphere, 2021, 267, 128924.	8.2	18
10	The auxinâ€inducible phosphate transporter AsPT5 mediates phosphate transport and is indispensable for arbuscule formation in Chinese milk vetch at moderately high phosphate supply. Environmental Microbiology, 2020, 22, 2053-2079.	3.8	11
11	Genome-Wide Analysis of Nutrient Signaling Pathways Conserved in Arbuscular Mycorrhizal Fungi. Microorganisms, 2021, 9, 1557.	3.6	9
12	Transcriptional regulation of metal metabolism- and nutrient absorption-related genes in Eucalyptus grandis by arbuscular mycorrhizal fungi at different zinc concentrations. BMC Plant Biology, 2022, 22, 76.	3.6	9
13	Responses of Fungal Community Structure and Functional Composition to Short-Term Fertilization and Dry Season Irrigation in Eucalyptus urophylla Ã— Eucalyptus grandis Plantation Soils. Forests, 2022, 13, 854.	2.1	3
14	Phosphorus Starvation- and Zinc Excess-Induced Astragalus sinicus AsZIP2 Zinc Transporter Is Suppressed by Arbuscular Mycorrhizal Symbiosis. Journal of Fungi (Basel, Switzerland), 2021, 7, 892.	3.5	1