

Defeng Shen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

452
citations

1478505

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1199594

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15
all docs

15
docs citations

15
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics of the nonlegume <i>Parasponia</i> reveals insights into evolution of nitrogen-fixing rhizobium symbioses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4700-E4709.	7.1	253
2	Four AUXIN RESPONSE FACTOR genes downregulated by microRNA167 are associated with growth and development in <i>Oryza sativa</i> . <i>Functional Plant Biology</i> , 2012, 39, 736.	2.1	59
3	OsPIN9, an auxin efflux carrier, is required for the regulation of rice tiller bud outgrowth by ammonium. <i>New Phytologist</i> , 2021, 229, 935-949.	7.3	43
4	A Homeotic Mutation Changes Legume Nodule Ontogeny into Actinorhizal-Type Ontogeny. <i>Plant Cell</i> , 2020, 32, 1868-1885.	6.6	24
5	Magnetic Resonance Microscopy at Cellular Resolution and Localised Spectroscopy of <i>Medicago truncatula</i> at 22.3 Tesla. <i>Scientific Reports</i> , 2020, 10, 971.	3.3	13
6	The Effect of Exogenous Nitrate on LCO Signalling, Cytokinin Accumulation, and Nodule Initiation in <i>Medicago truncatula</i> . <i>Genes</i> , 2021, 12, 988.	2.4	13
7	Visualizing polymeric components that define distinct root barriers across plant lineages. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	12
8	The endodermal passage cell “just another brick in the wall?”. <i>New Phytologist</i> , 2021, 230, 1321-1328.	7.3	11
9	The <i>Medicago truncatula</i> nodule identity gene MtNOOT1 is required for coordinated apical-basal development of the root. <i>BMC Plant Biology</i> , 2019, 19, 571.	3.6	5
10	The Evolutionary Aspects of Legume Nitrogen-Fixing Nodule Symbiosis. <i>Results and Problems in Cell Differentiation</i> , 2020, 69, 387-408.	0.7	5
11	Microarray-based screening of the microRNAs associated with caryopsis development in <i>Oryza sativa</i> . <i>Biologia Plantarum</i> , 2013, 57, 255-261.	1.9	4
12	The BOP-type co-transcriptional regulator NODULE ROOT1 promotes stem secondary growth of the tropical Cannabaceae tree <i>Parasponia andersonii</i> . <i>Plant Journal</i> , 2021, 106, 1366-1386.	5.7	3