

Mitsutaka Fukudome

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

135
citations

1684188
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docs citations

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182
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#	ARTICLE	IF	CITATIONS
1	Nitric Oxide Detoxification by <i>Mesorhizobium loti</i> Affects Root Nodule Symbiosis with <i>Lotus japonicus</i> . <i>Microbes and Environments</i> , 2021, 36, n/a.	1.6	0
2	Elevated Nitrogen Priming Induced Oxinitro-Responses and Water Deficit Tolerance in Rice. <i>Plants</i> , 2021, 10, 381.	3.5	4
3	Mechanisms of Rice Endophytic Bradyrhizobial Cell Differentiation and Its Role in Nitrogen Fixation. <i>Microbes and Environments</i> , 2020, 35, n/a.	1.6	3
4	Reactive Sulfur Species Interact with Other Signal Molecules in Root Nodule Symbiosis in <i>Lotus japonicus</i> . <i>Antioxidants</i> , 2020, 9, 145.	5.1	16
5	Ectopic or Over-Expression of Class 1 Phytoglobin Genes Confers Flooding Tolerance to the Root Nodules of <i>Lotus japonicus</i> by Scavenging Nitric Oxide. <i>Antioxidants</i> , 2019, 8, 206.	5.1	13
6	Antimicrobial Activities of Cysteine-rich Peptides Specific to Bacteriocytes of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>Microbes and Environments</i> , 2019, 34, 155-160.	1.6	21
7	Stably Transformed <i>Lotus japonicus</i> Plants Overexpressing Phytoglobin LjGlb1-1 Show Decreased Nitric Oxide Levels in Roots and Nodules as Well as Delayed Nodule Senescence. <i>Plant and Cell Physiology</i> , 2019, 60, 816-825.	3.1	37
8	Hemoglobin LjGlb1-1 is involved in nodulation and regulates the level of nitric oxide in the <i>Lotus japonicus</i> - <i>Mesorhizobium loti</i> symbiosis. <i>Journal of Experimental Botany</i> , 2016, 67, 5275-5283.	4.8	41