

Catalina I Pislariu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,315
citations

759190

12
h-index

1058452

14
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docs citations

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times ranked

1545
citing authors

#	ARTICLE	IF	CITATIONS
1	Celebrating 20 Years of Genetic Discoveries in Legume Nodulation and Symbiotic Nitrogen Fixation. <i>Plant Cell</i> , 2020, 32, 15-41.	6.6	416
2	The Nodule-Specific PLAT Domain Protein NPD1 Is Required for Nitrogen-Fixing Symbiosis. <i>Plant Physiology</i> , 2019, 180, 1480-1497.	4.8	20
3	The future of legume genetic data resources: Challenges, opportunities, and priorities. , 2019, 1, e16.		30
4	An Iron-Activated Citrate Transporter, MtMATE67, Is Required for Symbiotic Nitrogen Fixation. <i>Plant Physiology</i> , 2018, 176, 2315-2329.	4.8	55
5	MtSWEET11, a Nodule-Specific Sucrose Transporter of <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2016, 171, 554-565.	4.8	101
6	A High-Throughput RNA Interference (RNAi)-Based Approach Using Hairy Roots for the Study of Plant-Rhizobia Interactions. <i>Methods in Molecular Biology</i> , 2015, 1287, 159-178.	0.9	11
7	Lignin Modification Leads to Increased Nodule Numbers in Alfalfa. <i>Plant Physiology</i> , 2014, 164, 1139-1150.	4.8	40
8	<i>Medicago truncatula</i> DNF2 is a PI-PLC-XD-containing protein required for bacteroid persistence and prevention of nodule early senescence and defense-like reactions. <i>New Phytologist</i> , 2013, 197, 1250-1261.	7.3	128
9	The C ₂ H ₂ Transcription Factor REGULATOR OF SYMBIOSOME DIFFERENTIATION Represses Transcription of the Secretory Pathway Gene <i>VAMP721a</i> and Promotes Symbiosome Development in <i>Medicago truncatula</i> . <i>Plant Cell</i> , 2013, 25, 3584-3601.	6.6	109
10	A <i>Medicago truncatula</i> Tobacco Retrotransposon Insertion Mutant Collection with Defects in Nodule Development and Symbiotic Nitrogen Fixation. <i>Plant Physiology</i> , 2012, 159, 1686-1699.	4.8	109
11	From Model to Crop: Functional Analysis of a <i>STAY-GREEN</i> Gene in the Model Legume <i>Medicago truncatula</i> and Effective Use of the Gene for Alfalfa Improvement. <i>Plant Physiology</i> , 2011, 157, 1483-1496.	4.8	124
12	A putative transporter is essential for integrating nutrient and hormone signaling with lateral root growth and nodule development in <i>Medicago truncatula</i> . <i>Plant Journal</i> , 2010, 62, 100-112.	5.7	112
13	Transcription of <i>ENOD8</i> in <i>Medicago truncatula</i> Nodules Directs ENOD8 Esterase to Developing and Mature Symbiosomes. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 404-410.	2.6	18
14	The AGC Kinase MtIRE. <i>Plant Signaling and Behavior</i> , 2007, 2, 314-316.	2.4	3
15	An IRE-Like AGC Kinase Gene, MtIRE, Has Unique Expression in the Invasion Zone of Developing Root Nodules in <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2007, 144, 682-694.	4.8	39