

Cheng-Wu Liu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,525
citations

567281

15
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

2060
citing authors

#	ARTICLE	IF	CITATIONS
1	The Root Hair "Infectome" of <i>Medicago truncatula</i> Uncovers Changes in Cell Cycle Genes and Reveals a Requirement for Auxin Signaling in Rhizobial Infection. <i>Plant Cell</i> , 2014, 26, 4680-4701.	6.6	313
2	The Role of Flavonoids in Nodulation Host-Range Specificity: An Update. <i>Plants</i> , 2016, 5, 33.	3.5	221
3	A comprehensive draft genome sequence for lupin (<i>Lupinus angustifolius</i>), an emerging health food: insights into plant-microbe interactions and legume evolution. <i>Plant Biotechnology Journal</i> , 2017, 15, 318-330.	8.3	153
4	A H ⁺ -ATPase That Energizes Nutrient Uptake during Mycorrhizal Symbioses in Rice and <i>Medicago truncatula</i> . <i>Plant Cell</i> , 2014, 26, 1818-1830.	6.6	131
5	NIN Acts as a Network Hub Controlling a Growth Module Required for Rhizobial Infection. <i>Plant Physiology</i> , 2019, 179, 1704-1722.	4.8	106
6	Floral Patterning in <i>Lotus japonicus</i> . <i>Plant Physiology</i> , 2005, 137, 1272-1282.	4.8	101
7	Rhizobial Infection Is Associated with the Development of Peripheral Vasculature in Nodules of <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2013, 162, 107-115.	4.8	92
8	A protein complex required for polar growth of rhizobial infection threads. <i>Nature Communications</i> , 2019, 10, 2848.	12.8	72
9	MtLAX2, a Functional Homologue of the Arabidopsis Auxin Influx Transporter AUX1, Is Required for Nodule Organogenesis. <i>Plant Physiology</i> , 2017, 174, 326-338.	4.8	56
10	A <i>Medicago truncatula</i> Cystathionine-Î ² -Synthase-like Domain-Containing Protein Is Required for Rhizobial Infection and Symbiotic Nitrogen Fixation. <i>Plant Physiology</i> , 2016, 170, 2204-2217.	4.8	55
11	Nitrogen sensing in legumes. <i>Journal of Experimental Botany</i> , 2017, 68, erw405.	4.8	43
12	Signaling at the Root Surface: The Role of Cutin Monomers in Mycorrhization. <i>Molecular Plant</i> , 2013, 6, 1381-1383.	8.3	36
13	SUI-family genes encode phosphatidylserine synthases and regulate stem development in rice. <i>Planta</i> , 2013, 237, 15-27.	3.2	33
14	Identification of a core set of rhizobial infection genes using data from single cell-types. <i>Frontiers in Plant Science</i> , 2015, 6, 575.	3.6	30
15	<i>PHOSPHATIDYLSERINE SYNTHASE1</i> is Required for Inflorescence Meristem and Organ Development in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2013, 55, 682-695.	8.5	26
16	Cytokinin responses counterpoint auxin signaling during rhizobial infection. <i>Plant Signaling and Behavior</i> , 2015, 10, e1019982.	2.4	16
17	MtNPF6.5 mediates chloride uptake and nitrate preference in <i>Medicago</i> roots. <i>EMBO Journal</i> , 2021, 40, e106847.	7.8	14
18	Three Common Symbiotic ABC Subfamily B Transporters in <i>Medicago truncatula</i> Are Regulated by a NIN-Independent Branch of the Symbiosis Signaling Pathway. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 939-951.	2.6	12

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19	Nodule Inception Is Not Required for Arbuscular Mycorrhizal Colonization of <i>Medicago truncatula</i> . <i>Plants</i> , 2020, 9, 71.	3.5	8
20	<i>KEEL LOSS1</i> Regulates Petal Number Along the Floral Dorsoventral Axis in <i>Lotus Japonicus</i> and <i>Pisum Sativum</i> . <i>SSRN Electronic Journal</i> , 0, , .	0.4	1