Cheng-Wu Liu

List of Publications by Year
in descending order

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	Three Common Symbiotic ABC Subfamily B Transporters in<i>Medicago truncatula</i>Are Regulated by a NIN-Independent Branch of the Symbiosis Signaling Pathway. Molecular Plant-Microbe Interactions, 2021, 34, 939-951.	2.6	12
2	MtNPF6.5 mediates chloride uptake and nitrate preference in Medicago roots. EMBO Journal, 2021, 40, e106847.	7.8	14
3	Nodule Inception Is Not Required for Arbuscular Mycorrhizal Colonization of Medicago truncatula. Plants, 2020, 9, 71.	3.5	8
4	A protein complex required for polar growth of rhizobial infection threads. Nature Communications, 2019, 10, 2848.	12.8	72
5	NIN Acts as a Network Hub Controlling a Growth Module Required for Rhizobial Infection. Plant Physiology, 2019, 179, 1704-1722.	4.8	106
6	Nitrogen sensing in legumes. Journal of Experimental Botany, 2017, 68, erw405.	4.8	43
7	MtLAX2, a Functional Homologue of the Arabidopsis Auxin Influx Transporter AUX1, Is Required for Nodule Organogenesis. Plant Physiology, 2017, 174, 326-338.	4.8	56
8	A comprehensive draft genome sequence for lupin (<i>Lupinus angustifolius</i>), an emerging health food: insights into plantâ€“microbe interactions and legume evolution. Plant Biotechnology Journal, 2017, 15, 318-330.	8.3	153
9	The Role of Flavonoids in Nodulation Host-Range Specificity: An Update. Plants, 2016, 5, 33.	3.5	221
10	A <i>Medicago truncatula</i> Cystathionine-Î²-Synthase-like Domain-Containing Protein Is Required for Rhizobial Infection and Symbiotic Nitrogen Fixation. Plant Physiology, 2016, 170, 2204-2217.	4.8	55
11	Identification of a core set of rhizobial infection genes using data from single cell-types. Frontiers in Plant Science, 2015, 6, 575.	3.6	30
12	Cytokinin responses counterpoint auxin signaling during rhizobial infection. Plant Signaling and Behavior, 2015, 10, e1019982.	2.4	16
13	The Root Hair â€œInfectomeâ€•of <i>Medicago truncatula</i> Uncovers Changes in Cell Cycle Genes and Reveals a Requirement for Auxin Signaling in Rhizobial Infection. Plant Cell, 2014, 26, 4680-4701.	6.6	313
14	A H+-ATPase That Energizes Nutrient Uptake during Mycorrhizal Symbioses in Rice and <i>Medicago truncatula</i> Â Â Â. Plant Cell, 2014, 26, 1818-1830.	6.6	131
15	<i>PHOSPHATIDYLSERINE SYNTHASE1</i> is Required for Inflorescence Meristem and Organ Development in <i>Arabidopsis</i>. Journal of Integrative Plant Biology, 2013, 55, 682-695.	8.5	26
16	SUI-family genes encode phosphatidylserine synthases and regulate stem development in rice. Planta, 2013, 237, 15-27.	3.2	33
17	Rhizobial Infection Is Associated with the Development of Peripheral Vasculature in Nodules of<i>Medicago truncatula</i>Â Â Â. Plant Physiology, 2013, 162, 107-115.	4.8	92
18	Signaling at the Root Surface: The Role of Cutin Monomers in Mycorrhization. Molecular Plant, 2013, 6, 1381-1383.	8.3	36

#	Article	IF	Citations
19	Floral Patterning in Lotus japonicus. Plant Physiology, 2005, 137, 1272-1282.	4.8	101
20	<i>KEEL LOSS1</i> Regulates Petal Number Along the Floral Dorsoventral Axis in <i>Lotus Japonicus</i> and <i>Pisum Sativum</i>. SSRN Electronic Journal, 0, , .	0.4	1