

Erik Limpens

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,624
citations

304368

22
h-index

433756

31
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35
all docs

35
docs citations

35
times ranked

3180
citing authors

#	ARTICLE	IF	CITATIONS
1	Arbuscular mycorrhizal fungi conducting the hyphosphere bacterial orchestra. <i>Trends in Plant Science</i> , 2022, 27, 402-411.	4.3	88
2	Orchestrating plant direct and indirect phosphate uptake pathways. <i>Trends in Plant Science</i> , 2022, 27, 319-321.	4.3	4
3	A nuclear-targeted effector of <i>Rhizophagus irregularis</i> interferes with histone H2B monoubiquitination to promote arbuscular mycorrhization. <i>New Phytologist</i> , 2021, 230, 1142-1155.	3.5	26
4	Medicago SPX1 and SPX3 regulate phosphate homeostasis, mycorrhizal colonization, and arbuscule degradation. <i>Plant Cell</i> , 2021, 33, 3470-3486.	3.1	42
5	A lysin motif effector subverts chitin-triggered immunity to facilitate arbuscular mycorrhizal symbiosis. <i>New Phytologist</i> , 2020, 225, 448-460.	3.5	87
6	Arbuscular mycorrhiza, a fungal perspective. , 2020, , 241-258.		1
7	SNARE Complexity in Arbuscular Mycorrhizal Symbiosis. <i>Frontiers in Plant Science</i> , 2020, 11, 354.	1.7	9
8	Embryogenesis efficiency and genetic stability of <i>Dianthus caryophyllus</i> embryos in response to different light spectra and plant growth regulators. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 139, 479-492.	1.2	10
9	A <i>Medicago truncatula</i> SWEET transporter implicated in arbuscule maintenance during arbuscular mycorrhizal symbiosis. <i>New Phytologist</i> , 2019, 224, 396-408.	3.5	101
10	Extracellular membranes in symbiosis. <i>Nature Plants</i> , 2019, 5, 131-132.	4.7	6
11	A Remote cis-Regulatory Region Is Required for <i>NIN</i> Expression in the Pericycle to Initiate Nodule Primordium Formation in <i>Medicago truncatula</i> . <i>Plant Cell</i> , 2019, 31, 68-83.	3.1	101
12	Host- and stage-dependent secretome of the arbuscular mycorrhizal fungus <i>Rhizophagus irregularis</i> . <i>Plant Journal</i> , 2018, 94, 411-425.	2.8	88
13	Transcriptional Regulation of Nutrient Exchange in Arbuscular Mycorrhizal Symbiosis. <i>Molecular Plant</i> , 2018, 11, 1421-1423.	3.9	6
14	Comparative transcriptome analysis of <i>Poncirus trifoliata</i> identifies a core set of genes involved in arbuscular mycorrhizal symbiosis. <i>Journal of Experimental Botany</i> , 2018, 69, 5255-5264.	2.4	19
15	A symbiosis-dedicated SYNTAXIN OF PLANTS 13II isoform controls the formation of a stable host-microbe interface in symbiosis. <i>New Phytologist</i> , 2016, 211, 1338-1351.	3.5	83
16	Haustorium Formation in <i>Medicago truncatula</i> Roots Infected by <i>Phytophthora palmivora</i> Does Not Involve the Common Endosymbiotic Program Shared by Arbuscular Mycorrhizal Fungi and Rhizobia. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 1271-1280.	1.4	27
17	Lipochitooligosaccharides Modulate Plant Host Immunity to Enable Endosymbioses. <i>Annual Review of Phytopathology</i> , 2015, 53, 311-334.	3.5	98
18	Remodeling of the Infection Chamber before Infection Thread Formation Reveals a Two-Step Mechanism for Rhizobial Entry into the Host Legume Root Hair. <i>Plant Physiology</i> , 2015, 167, 1233-1242.	2.3	127

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19	Single Nucleus Genome Sequencing Reveals High Similarity among Nuclei of an Endomycorrhizal Fungus. <i>PLoS Genetics</i> , 2014, 10, e1004078.	1.5	238
20	Plant-driven genome selection of arbuscular mycorrhizal fungi. <i>Molecular Plant Pathology</i> , 2014, 15, 531-534.	2.0	12
21	Nod Factor Receptors Form Heteromeric Complexes and Are Essential for Intracellular Infection in <i>Medicago</i> Nodules. <i>Plant Cell</i> , 2014, 26, 4188-4199.	3.1	92
22	CYCLOPS: A New Vision on Rhizobium-Induced Nodule Organogenesis. <i>Cell Host and Microbe</i> , 2014, 15, 127-129.	5.1	14
23	Cell- and Tissue-Specific Transcriptome Analyses of <i>Medicago truncatula</i> Root Nodules. <i>PLoS ONE</i> , 2013, 8, e64377.	1.1	86
24	<i>Rhizobium</i> legume symbiosis shares an exocytotic pathway required for arbuscule formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8316-8321.	3.3	213
25	IPD3 Controls the Formation of Nitrogen-Fixing Symbiosomes in Pea and <i>Medicago</i> Spp.. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1333-1344.	1.4	143
26	A Phylogenetic Strategy Based on a Legume-Specific Whole Genome Duplication Yields Symbiotic Cytokinin Type-A Response Regulators. <i>Plant Physiology</i> , 2011, 157, 2013-2022.	2.3	91
27	Strigolactone Biosynthesis in <i>Medicago truncatula</i> and Rice Requires the Symbiotic GRAS-Type Transcription Factors NSP1 and NSP2. <i>Plant Cell</i> , 2011, 23, 3853-3865.	3.1	291
28	<i>Medicago</i> N ₂ -Fixing Symbiosomes Acquire the Endocytic Identity Marker Rab7 but Delay the Acquisition of Vacuolar Identity. <i>Plant Cell</i> , 2009, 21, 2811-2828.	3.1	142
29	Formation of organelle-like N ₂ -fixing symbiosomes in legume root nodules is controlled by DMI2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10375-10380.	3.3	227
30	RNA interference in <i>Agrobacterium rhizogenes</i> -transformed roots of <i>Arabidopsis</i> and <i>Medicago truncatula</i> . <i>Journal of Experimental Botany</i> , 2004, 55, 983-992.	2.4	292
31	Signaling in symbiosis. <i>Current Opinion in Plant Biology</i> , 2003, 6, 343-350.	3.5	134
32	LysM Domain Receptor Kinases Regulating Rhizobial Nod Factor-Induced Infection. <i>Science</i> , 2003, 302, 630-633.	6.0	725