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 g-index
35 all docs	35 docs citations	35 times ranked	3180 citing authors

#	ARTICLE	IF	CITATIONS
1	LysM Domain Receptor Kinases Regulating Rhizobial Nod Factor-Induced Infection. Science, 2003, 302, 630-633.	6.0	725
2	RNA interference in Agrobacterium rhizogenes-transformed roots of Arabidopsis and Medicago truncatula. Journal of Experimental Botany, 2004, 55, 983-992.	2.4	292
3	Strigolactone Biosynthesis in <i>Medicago</i> Â<i>truncatula</i> and Rice Requires the Symbiotic GRAS-Type Transcription Factors NSP1 and NSP2 Â. Plant Cell, 2011, 23, 3853-3865.	3.1	291
4	Single Nucleus Genome Sequencing Reveals High Similarity among Nuclei of an Endomycorrhizal Fungus. PLoS Genetics, 2014, 10, e1004078.	1.5	238
5	Formation of organelle-like N2-fixing symbiosomes in legume root nodules is controlled by DMI2. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10375-10380.	3.3	227
6	<i>Rhizobium</i> â€“legume symbiosis shares an exocytotic pathway required for arbuscule formation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8316-8321.	3.3	213
7	IPD3 Controls the Formation of Nitrogen-Fixing Symbiosomes in Pea and <i>Medicago</i> Spp.. Molecular Plant-Microbe Interactions, 2011, 24, 1333-1344.	1.4	143
8	<i>Medicago</i>N2-Fixing Symbiosomes Acquire the Endocytic Identity Marker Rab7 but Delay the Acquisition of Vacuolar Identity. Plant Cell, 2009, 21, 2811-2828.	3.1	142
9	Signaling in symbiosis. Current Opinion in Plant Biology, 2003, 6, 343-350.	3.5	134
10	Remodeling of the Infection Chamber before Infection Thread Formation Reveals a Two-Step Mechanism for Rhizobial Entry into the Host Legume Root Hair. Plant Physiology, 2015, 167, 1233-1242.	2.3	127
11	A <i>Medicago truncatula </i><scp>SWEET</scp> transporter implicated in arbuscule maintenance during arbuscular mycorrhizal symbiosis. New Phytologist, 2019, 224, 396-408.	3.5	101
12	A Remote <i>cis</i>-Regulatory Region Is Required for <i>NIN</i> Expression in the Pericycle to Initiate Nodule Primordium Formation in <i>Medicago truncatula</i>. Plant Cell, 2019, 31, 68-83.	3.1	101
13	Lipochitooligosaccharides Modulate Plant Host Immunity to Enable Endosymbioses. Annual Review of Phytopathology, 2015, 53, 311-334.	3.5	98
14	Nod Factor Receptors Form Heteromeric Complexes and Are Essential for Intracellular Infection in<i>Medicago</i>Nodules. Plant Cell, 2014, 26, 4188-4199.	3.1	92
15	A Phylogenetic Strategy Based on a Legume-Specific Whole Genome Duplication Yields Symbiotic Cytokinin Type-A Response Regulators. Plant Physiology, 2011, 157, 2013-2022.	2.3	91
16	Hostâ€•and stageâ€•dependent secretome of the arbuscular mycorrhizal fungus <i>Rhizophagus irregularis</i>. Plant Journal, 2018, 94, 411-425.	2.8	88
17	Arbuscular mycorrhizal fungi conducting the hyphosphere bacterial orchestra. Trends in Plant Science, 2022, 27, 402-411.	4.3	88
18	A lysin motif effector subverts chitinâ€•triggered immunity to facilitate arbuscular mycorrhizal symbiosis. New Phytologist, 2020, 225, 448-460.	3.5	87

#	Article	IF	Citations
19	Cell- and Tissue-Specific Transcriptome Analyses of Medicago truncatula Root Nodules. PLoS ONE, 2013, 8, e64377.	1.1	86
20	A symbiosisâ€dedicated SYNTAXIN OF PLANTS 13II isoform controls the formation of a stable hostâ€“microbe interface in symbiosis. New Phytologist, 2016, 211, 1338-1351.	3.5	83
21	Medicago SPX1 and SPX3 regulate phosphate homeostasis, mycorrhizal colonization, and arbuscule degradation. Plant Cell, 2021, 33, 3470-3486.	3.1	42
22	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. Molecular Plant-Microbe Interactions, 2015, 28, 1271-1280.	1.4	27
23	A nuclearâ€targeted effector of <i>Rhizophagus irregularis</i> interferes with histone 2B monoâ€ubiquitination to promote arbuscular mycorrhization. New Phytologist, 2021, 230, 1142-1155.	3.5	26
24	Comparative transcriptome analysis of Poncirus trifoliata identifies a core set of genes involved in arbuscular mycorrhizal symbiosis. Journal of Experimental Botany, 2018, 69, 5255-5264.	2.4	19
25	CYCLOPS: A New Vision on Rhizobium-Induced Nodule Organogenesis. Cell Host and Microbe, 2014, 15, 127-129.	5.1	14
26	Plantâ€driven genome selection of arbuscular mycorrhizal fungi. Molecular Plant Pathology, 2014, 15, 531-534.	2.0	12
27	Embryogenesis efficiency and genetic stability of Dianthus caryophyllus embryos in response to different light spectra and plant growth regulators. Plant Cell, Tissue and Organ Culture, 2019, 139, 479-492.	1.2	10
28	SNARE Complexity in Arbuscular Mycorrhizal Symbiosis. Frontiers in Plant Science, 2020, 11, 354.	1.7	9
29	Transcriptional Regulation of Nutrient Exchange in Arbuscular Mycorrhizal Symbiosis. Molecular Plant, 2018, 11, 1421-1423.	3.9	6
30	Extracellular membranes in symbiosis. Nature Plants, 2019, 5, 131-132.	4.7	6
31	Orchestrating plant direct and indirect phosphate uptake pathways. Trends in Plant Science, 2022, 27, 319-321.	4.3	4
32	Arbuscular mycorrhiza, a fungal perspective. , 2020, , 241-258.		1