

Fabienne Maillet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/615148/publications.pdf>

Version: 2024-02-01

10
papers

2,513
citations

1163117

8
h-index

1474206

9
g-index

11
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11
docs citations

11
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Symbiotic host-specificity of <i>Rhizobium meliloti</i> is determined by a sulphated and acylated glucosamine oligosaccharide signal. <i>Nature</i> , 1990, 344, 781-784.	27.8	1,157
2	Fungal lipochitooligosaccharide symbiotic signals in arbuscular mycorrhiza. <i>Nature</i> , 2011, 469, 58-63.	27.8	912
3	Activation of Symbiosis Signaling by Arbuscular Mycorrhizal Fungi in Legumes and Rice. <i>Plant Cell</i> , 2015, 27, 823-838.	6.6	188
4	The Ectomycorrhizal Fungus <i>Laccaria bicolor</i> Produces Lipochitooligosaccharides and Uses the Common Symbiosis Pathway to Colonize <i>Populus</i> Roots. <i>Plant Cell</i> , 2019, 31, 2386-2410.	6.6	73
5	Lipo-chitooligosaccharides as regulatory signals of fungal growth and development. <i>Nature Communications</i> , 2020, 11, 3897.	12.8	65
6	In <i>Rhizobium meliloti</i> , the operon associated with the nod box n5 comprises nodL, noeA and noeB, three host-range genes specifically required for the nodulation of particular <i>Medicago</i> species. <i>Molecular Microbiology</i> , 1995, 17, 687-699.	2.5	43
7	<i>Sinorhizobium meliloti</i> succinylated high-molecular-weight succinoglycan and the <i>Medicago truncatula</i> LysM receptor-like kinase MtLYK10 participate independently in symbiotic infection. <i>Plant Journal</i> , 2020, 102, 311-326.	5.7	37
8	New insights into Nod factor biosynthesis: Analyses of chitooligomers and lipo-chitooligomers of <i>Rhizobium</i> sp. IRBG74 mutants. <i>Carbohydrate Research</i> , 2016, 434, 83-93.	2.3	32
9	Distinct genetic basis for root responses to lipo-chitooligosaccharide signal molecules from different microbial origins. <i>Journal of Experimental Botany</i> , 2021, 72, 3821-3834.	4.8	5
10	The ex planta signal activity of a <i>Medicago</i> ribosomal uL2 protein suggests a moonlighting role in controlling secondary rhizobial infection. <i>PLoS ONE</i> , 2020, 15, e0235446.	2.5	1