Fabienne Maillet

List of Publications by Year
in descending order

10 papers	2,513 citations	1163117 8 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	2025 citing authors

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