Maryline Calonne-Salmon

List of Publications by Year
in descending order

20 papers	311 citations	759233 12 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	317 citing authors

#	Article	IF	Citations
1	Arbuscular mycorrhizal fungi-assisted phytoremediation: Concepts, challenges, and future perspectives. , 2022, , 49-100.		3
2	Diesel fuel differentially affects hyphal healing in Gigaspora sp. and Rhizophagus irregularis. Mycorrhiza, 2021, 31, 413-421.	2.8	0
3	Fungicides With Contrasting Mode of Action Differentially Affect Hyphal Healing Mechanism in Gigaspora sp. and Rhizophagus irregularis. Frontiers in Plant Science, 2021, 12, 642094.	3.6	10
4	In vitro colonization of date palm plants by Rhizophagus irregularis during the rooting stage. Symbiosis, 2021, 84, 83-89.	2.3	4
5	Direct transfer of zinc between plants is channelled by common mycorrhizal network of arbuscular mycorrhizal fungi and evidenced by changes in expression of zinc transporter genes in fungus and plant. Environmental Microbiology, 2021, 23, 5883-5900.	3.8	14
6	In vitro mycorrhization of Argania spinosa L. using germinated seeds. Symbiosis, 2021, 85, 57-68.	2.3	4
7	Synthetic Mono-Rhamnolipids Display Direct Antifungal Effects and Trigger an Innate Immune Response in Tomato against Botrytis Cinerea. Molecules, 2020, 25, 3108.	3.8	27
8	Rhizophagus irregularis MUCL 41833 Improves Phosphorus Uptake and Water Use Efficiency in Maize Plants During Recovery From Drought Stress. Frontiers in Plant Science, 2019, 10, 897.	3.6	21
9	The arbuscular mycorrhizal fungus Rhizophagus irregularis MUCL 41833 increases the phosphorus uptake and biomass of Medicago truncatula, a benzo[a]pyrene-tolerant plant species. Mycorrhiza, 2018, 28, 761-771.	2.8	18
10	Short-term chromium (VI) exposure increases phosphorus uptake by the extraradical mycelium of the arbuscular mycorrhizal fungus Rhizophagus irregularis MUCL 41833. Chemosphere, 2017, 187, 27-34.	8.2	13
11	Dynamics of Short-Term Phosphorus Uptake by Intact Mycorrhizal and Non-mycorrhizal Maize Plants Grown in a Circulatory Semi-Hydroponic Cultivation System. Frontiers in Plant Science, 2017, 8, 1471.	3.6	37
12	Mitigating Abiotic Stresses in Crop Plants by Arbuscular Mycorrhizal Fungi. Signaling and Communication in Plants, 2016, , 341-400.	0.7	26
13	Impact of anthracene on the arbuscular mycorrhizal fungus lipid metabolism. Botany, 2014, 92, 173-178.	1.0	6
14	Polyaromatic hydrocarbons impair phosphorus transport by the arbuscular mycorrhizal fungus Rhizophagus irregularis. Chemosphere, 2014, 104, 97-104.	8.2	21
15	The arbuscular mycorrhizal Rhizophagus irregularis activates storage lipid biosynthesis to cope with the benzo[a]pyrene oxidative stress. Phytochemistry, 2014, 97, 30-37.	2.9	20
16	Propiconazole inhibits the sterol 14Î±-demethylase in Glomus irregulare like in phytopathogenic fungi. Chemosphere, 2012, 87, 376-383.	8.2	20
17	Benzo[a]pyrene induced lipid changes in the monoxenic arbuscular mycorrhizal chicory roots. Journal of Hazardous Materials, 2012, 209-210, 18-26.	12.4	13
18	Lipid content disturbance in the arbuscular mycorrhizal, Glomus irregulare grown in monoxenic conditions under PAHs pollution. Fungal Biology, 2011, 115, 782-792.	2.5	31

#	Article	IF	Citations
19	Calcareous impact on arbuscular mycorrhizal fungus development and on lipid peroxidation in monoxenic roots. Phytochemistry, 2011, 72, 2335-2341.	2.9	15
20	Propiconazole Toxicity on the Non-Target Organism, the Arbuscular Mycorrhizal Fungus, Glomus irregulare. , 0, , .		8