

CÃ©cile Thonar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

807
citations

687220

13
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940416

16
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16
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16
docs citations

16
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time PCR to quantify composition of arbuscular mycorrhizal fungal communities—marker design, verification, calibration and field validation. <i>Molecular Ecology Resources</i> , 2012, 12, 219-232.	2.2	125
2	Traits related to differences in function among three arbuscular mycorrhizal fungi. <i>Plant and Soil</i> , 2011, 339, 231-245.	1.8	109
3	Symbiont identity matters: carbon and phosphorus fluxes between <i>Medicago truncatula</i> and different arbuscular mycorrhizal fungi. <i>Mycorrhiza</i> , 2011, 21, 689-702.	1.3	102
4	Competition and facilitation in synthetic communities of arbuscular mycorrhizal fungi. <i>Molecular Ecology</i> , 2014, 23, 733-746.	2.0	79
5	Identification of Heterotrophic Zinc Mobilization Processes among Bacterial Strains Isolated from Wheat Rhizosphere (<i>Triticum aestivum</i> L.). <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	61
6	Potential of three microbial bio-effectors to promote maize growth and nutrient acquisition from alternative phosphorous fertilizers in contrasting soils. <i>Chemical and Biological Technologies in Agriculture</i> , 2017, 4, .	1.9	49
7	Tracing of Two <i>Pseudomonas</i> Strains in the Root and Rhizoplane of Maize, as Related to Their Plant Growth-Promoting Effect in Contrasting Soils. <i>Frontiers in Microbiology</i> , 2016, 7, 2150.	1.5	46
8	Cowpea (<i>Vigna unguiculata</i> L. Walp) hosts several widespread bradyrhizobial root nodule symbionts across contrasting agro-ecological production areas in Kenya. <i>Agriculture, Ecosystems and Environment</i> , 2018, 261, 161-171.	2.5	45
9	Long-term organic matter application reduces cadmium but not zinc concentrations in wheat. <i>Science of the Total Environment</i> , 2019, 669, 608-620.	3.9	42
10	Green manure and long-term fertilization effects on soil zinc and cadmium availability and uptake by wheat (<i>Triticum aestivum</i> L.) at different growth stages. <i>Science of the Total Environment</i> , 2017, 599-600, 1330-1343.	3.9	40
11	Long term farming systems affect soils potential for N ₂ O production and reduction processes under denitrifying conditions. <i>Soil Biology and Biochemistry</i> , 2017, 114, 31-41.	4.2	34
12	Metabolite profiling on wheat grain to enable a distinction of samples from organic and conventional farming systems. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2605-2612.	1.7	29
13	Polymorphism and modulation of cell wall esterase enzyme activities in the chicory root during the growing season. <i>Journal of Experimental Botany</i> , 2006, 57, 81-89.	2.4	21
14	Application of Mycorrhiza and Soil from a Permaculture System Improved Phosphorus Acquisition in Naranjilla. <i>Frontiers in Plant Science</i> , 2017, 8, 1263.	1.7	13
15	Evaluation of MALDI-TOF mass spectrometry for the competitiveness analysis of selected indigenous cowpea (<i>Vigna unguiculata</i> L. Walp.) Bradyrhizobium strains from Kenya. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5265-5278.	1.7	8
16	Green manure effect on the ability of native and inoculated soil bacteria to mobilize zinc for wheat uptake (<i>Triticum aestivum</i> L.). <i>Plant and Soil</i> , 2021, 467, 287-309.	1.8	4