CÃ©sar NicolÃ¡s

List of Publications by Year
in descending order

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7 papers	524 citations	1478505 6 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	1117 citing authors

#	Article	IF	Citations
1	Ectomycorrhizal fungi decompose soil organic matter using oxidative mechanisms adapted from saprotrophic ancestors. New Phytologist, 2016, 209, 1705-1719.	7.3	264
2	The soil organic matter decomposition mechanisms in ectomycorrhizal fungi are tuned for liberating soil organic nitrogen. ISME Journal, 2019, 13, 977-988.	9.8	128
3	Involutin Is an Fe ³⁺ Reductant Secreted by the Ectomycorrhizal Fungus Paxillus involutus during Fenton-Based Decomposition of Organic Matter. Applied and Environmental Microbiology, 2015, 81, 8427-8433.	3.1	49
4	Soil aggregation in a semiarid soil amended with composted and non-composted sewage sludgeâ€”A field experiment. Geoderma, 2014, 219-220, 24-31.	5.1	47
5	Influence of forest cover and herbaceous vegetation on the microbiological and biochemical properties of soil under Mediterranean humid climate. European Journal of Soil Biology, 2010, 46, 273-279.	3.2	23
6	Chemical changes in organic matter after fungal colonization in a nitrogen fertilized and unfertilized Norway spruce forest. Plant and Soil, 2017, 419, 113-126.	3.7	11
7	Type and quantity of organic amendments determine the amount of carbon stabilized in particle-size fractions of a semiarid degraded soil. Arid Land Research and Management, 2017, 31, 14-28.	1.6	2