

Luis Lopez-Sangil

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

420
citations

933447

10
h-index

1125743

13
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13
all docs

13
docs citations

13
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered litter inputs modify carbon and nitrogen storage in soil organic matter in a lowland tropical forest. <i>Biogeochemistry</i> , 2021, 156, 115-130.	3.5	17
2	Revisiting nutrient cycling by litterfall—Insights from 15 years of litter manipulation in old-growth lowland tropical forest. <i>Advances in Ecological Research</i> , 2020, 62, 173-223.	2.7	29
3	Tropical forest soil carbon stocks do not increase despite 15 years of doubled litter inputs. <i>Scientific Reports</i> , 2019, 9, 18030.	3.3	43
4	Distinct responses of soil respiration to experimental litter manipulation in temperate woodland and tropical forest. <i>Ecology and Evolution</i> , 2018, 8, 3787-3796.	1.9	23
5	Drying and rewetting conditions differentially affect the mineralization of fresh plant litter and extant soil organic matter. <i>Soil Biology and Biochemistry</i> , 2018, 124, 81-89.	8.8	26
6	The Automated Root Exudate System (<sc>ARES</sc>): a method to apply solutes at regular intervals to soils in the field. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1042-1050.	5.2	8
7	Rhizodeposition of organic carbon by plants with contrasting traits for resource acquisition: responses to different fertility regimes. <i>Plant and Soil</i> , 2015, 394, 391-406.	3.7	29
8	Individual closed chamber: an alternative method for quantifying ¹⁴ C in both labeled organic and inorganic carbon substrates. <i>Biogeochemistry</i> , 2013, 112, 139-148.	3.5	3
9	Sequential chemical extractions of the mineral-associated soil organic matter: An integrated approach for the fractionation of organo-mineral complexes. <i>Soil Biology and Biochemistry</i> , 2013, 62, 57-67.	8.8	88
10	Decay and vertical reallocation of organic C, and its incorporation into carbonates, in agricultural soil horizons at two different depths and rewetting frequencies. <i>Soil Biology and Biochemistry</i> , 2013, 61, 33-44.	8.8	12
11	Autotrophic and heterotrophic contributions to short-term soil CO ₂ efflux following simulated summer precipitation pulses in a Mediterranean dehesa. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	51
12	Microbial growth rate measurements reveal that land-use abandonment promotes a fungal dominance of SOM decomposition in grazed Mediterranean ecosystems. <i>Biology and Fertility of Soils</i> , 2011, 47, 129-138.	4.3	25
13	Soil CO ₂ efflux and extractable organic carbon fractions under simulated precipitation events in a Mediterranean Dehesa. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1915-1922.	8.8	66