Luis Lopez-Sangil

List of Publications by Year
in descending order

13	420	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	839
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequential chemical extractions of the mineral-associated soil organic matter: An integrated approach for the fractionation of organo-mineral complexes. Soil Biology and Biochemistry, 2013, 62, 57-67.	8.8	88
2	Soil CO2 efflux and extractable organic carbon fractions under simulated precipitation events in a Mediterranean Dehesa. Soil Biology and Biochemistry, 2009, 41, 1915-1922.	8.8	66
3	Autotrophic and heterotrophic contributions to short-term soil CO₂efflux following simulated summer precipitation pulses in a Mediterranean dehesa. Global Biogeochemical Cycles, 2011, 25, n/a-n/a.	4.9	51
4	Tropical forest soil carbon stocks do not increase despite 15 years of doubled litter inputs. Scientific Reports, 2019, 9, 18030.	3.3	43
5	Rhizodeposition of organic carbon by plants with contrasting traits for resource acquisition: responses to different fertility regimes. Plant and Soil, 2015, 394, 391-406.	3.7	29
6	Revisiting nutrient cycling by litterfallâ€"Insights from 15 years of litter manipulation in old-growth lowland tropical forest. Advances in Ecological Research, 2020, 62, 173-223.	2.7	29
7	Drying and rewetting conditions differentially affect the mineralization of fresh plant litter and extant soil organic matter. Soil Biology and Biochemistry, 2018, 124, 81-89.	8.8	26
8	Microbial growth rate measurements reveal that land-use abandonment promotes a fungal dominance of SOM decomposition in grazed Mediterranean ecosystems. Biology and Fertility of Soils, 2011, 47, 129-138.	4.3	25
9	Distinct responses of soil respiration to experimental litter manipulation in temperate woodland and tropical forest. Ecology and Evolution, 2018, 8, 3787-3796.	1.9	23
10	Altered litter inputs modify carbon and nitrogen storage in soil organic matter in a lowland tropical forest. Biogeochemistry, 2021, 156, 115-130.	3.5	17
11	Decay and vertical reallocation of organic C, and its incorporation into carbonates, in agricultural soil horizons at two different depths and rewetting frequencies. Soil Biology and Biochemistry, 2013, 61, 33-44.	8.8	12
12	The Automated Root Exudate System (<scp>ARES</scp>): a method to apply solutes at regular intervals to soils in the field. Methods in Ecology and Evolution, 2017, 8, 1042-1050.	5.2	8
13	Individual closed chamber: an alternative method for quantifying 14C in both labeled organic and inorganic carbon substrates. Biogeochemistry, 2013, 112, 139-148.	3.5	3