A Peyton Smith

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8020787/publications.pdf

Version: 2024-02-01

18 papers	463 citations	1040056 9 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	819 citing authors

#	Article	IF	Citations
1	Successional and seasonal variations in soil and litter microbial community structure and function during tropical postagricultural forest regeneration: a multiyear study. Global Change Biology, 2015, 21, 3532-3547.	9.5	156
2	Shifts in pore connectivity from precipitation versus groundwater rewetting increases soil carbon loss after drought. Nature Communications, 2017, 8, 1335.	12.8	88
3	From pools to flow: The PROMISE framework for new insights on soil carbon cycling in a changing world. Global Change Biology, 2020, 26, 6631-6643.	9.5	57
4	Soil texture and environmental conditions influence the biogeochemical responses of soils to drought and flooding. Communications Earth & Environment, 2021, 2, .	6.8	35
5	Toward a Generalizable Framework of Disturbance Ecology Through Crowdsourced Science. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	34
6	Temperature and moisture effects on greenhouse gas emissions from deep active-layer boreal soils. Biogeosciences, 2016, 13, 6669-6681.	3.3	22
7	Running an open experiment: transparency and reproducibility in soil and ecosystem science. Environmental Research Letters, 2016, 11, 084004.	5.2	13
8	Molecular and Microscopic Insights into the Formation of Soil Organic Matter in a Red Pine Rhizosphere. Soils, 2017, 1, 4.	1.0	12
9	Post-agricultural tropical forest regeneration shifts soil microbial functional potential for carbon and nutrient cycling. Soil Biology and Biochemistry, 2020, 145, 107784.	8.8	12
10	A metaâ€analysis of tropical landâ€use change effects on the soil microbiome: Emerging patterns and knowledge gaps. Biotropica, 2021, 53, 738-752.	1.6	9
11	The soil habitat. , 2021, , 23-55.		7
12	Spatial access and resource limitations control carbon mineralization in soils. Soil Biology and Biochemistry, 2021, 162, 108427.	8.8	7
13	Waterâ€dispersible nanocolloids and higher temperatures promote the release of carbon from riparian soil. Vadose Zone Journal, 2020, 19, e20077.	2.2	2
14	Editorial: Forest Rhizosphere Interactions: Cascading Consequences for Ecosystem-Level Carbon and Nutrient Cycling. Frontiers in Forests and Global Change, 2021, 4, .	2.3	2
15	Response to â€˜Stochastic and deterministic interpretation of pool modelsâ€™. Global Change Biology, 2021, 27, e11-e12.	9.5	1
16	Effects of Microbial-Mineral Interactions on Organic Carbon Stabilization in a Ponderosa Pine Root Zone: A Micro-Scale Approach. Frontiers in Earth Science, 2022, 10, .	1.8	1
17	Response to â€œConnectivity and pore accessibility in models of soil carbon cyclingâ€. Global Change Biology, 2021, 27, e15-e16.	9.5	0
18	MICROBIAL AND MOLECULAR INSIGHTS INTO HOW SHIFTS IN HYDROLOGIC PORE CONNECTIVITY FROM DROUGHT OR FLOODS REGULATE THE ROLE OF SOIL IN THE TERRESTRIAL CARBON CYCLE. , 2020, , .		0