

A Peyton Smith

List of Publications by Year in descending order

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