

Qian Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9330876/publications.pdf>

Version: 2024-02-01

15
papers

433
citations

1039406

9
h-index

1199166

12
g-index

18
all docs

18
docs citations

18
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-bound organic carbon in forest soils: quantification and characterization. <i>Biogeosciences</i> , 2016, 13, 4777-4788.	1.3	123
2	Dynamics of ferrihydrite-bound organic carbon during microbial Fe reduction. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 221-233.	1.6	107
3	Coupled dynamics of iron and iron-bound organic carbon in forest soils during anaerobic reduction. <i>Chemical Geology</i> , 2017, 464, 118-126.	1.4	57
4	Soil carbon stocks in temperate grasslands differ strongly across sites but are insensitive to decade-long fertilization. <i>Global Change Biology</i> , 2022, 28, 1659-1677.	4.2	34
5	Strong mineralogic control of soil organic matter composition in response to nutrient addition across diverse grassland sites. <i>Science of the Total Environment</i> , 2020, 736, 137839.	3.9	29
6	Photo-production of reactive oxygen species and degradation of dissolved organic matter by hematite nanoplates functionalized by adsorbed oxalate. <i>Environmental Science: Nano</i> , 2020, 7, 2278-2292.	2.2	21
7	Oxidation of soil organic carbon during an anoxic-oxic transition. <i>Geoderma</i> , 2020, 377, 114584.	2.3	15
8	Biogeochemical fate of ferrihydrite-model organic compound complexes during anaerobic microbial reduction. <i>Science of the Total Environment</i> , 2019, 668, 216-223.	3.9	11
9	Can switchgrass increase carbon accrual in marginal soils? The importance of site selection. <i>GCB Bioenergy</i> , 2021, 13, 320-335.	2.5	11
10	Unexpected mechanism for glucose-primed soil organic carbon mineralization under an anaerobic-aerobic transition. <i>Geoderma</i> , 2020, 376, 114535.	2.3	10
11	Dynamics of organic matter molecular composition under aerobic decomposition and their response to the nitrogen addition in grassland soils. <i>Science of the Total Environment</i> , 2022, 806, 150514.	3.9	9
12	Selective Interactions of Soil Organic Matter Compounds with Calcite and the Role of Aqueous Ca. <i>ACS Earth and Space Chemistry</i> , 0, , .	1.2	4
13	Biochemical inhibition of acid phosphatase activity in two mountain spruce forest soils. <i>Biology and Fertility of Soils</i> , 2021, 57, 991-1005.	2.3	2
14	Characterizing the localization of organic C on mineral surfaces: a correlative microscopy/spectroscopy approach. <i>Microscopy and Microanalysis</i> , 2021, 27, 306-307.	0.2	0
15	Stability of mineral-organic matter associations under varying biogeochemical conditions. <i>Soil Science Society of America Journal</i> , 0, , .	1.2	0