

Qian Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

825
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil microbial community and its interaction with soil carbon and nitrogen dynamics following afforestation in central China. <i>Science of the Total Environment</i> , 2016, 541, 230-237.	8.0	208
2	Alterations in soil microbial community composition and biomass following agricultural land use change. <i>Scientific Reports</i> , 2016, 6, 36587.	3.3	105
3	The impact of agricultural land use changes on soil organic carbon dynamics in the Danjiangkou Reservoir area of China. <i>Plant and Soil</i> , 2013, 366, 415-424.	3.7	98
4	Soil bacterial community composition and diversity in relation to edaphic properties and plant traits in grasslands of southern China. <i>Applied Soil Ecology</i> , 2018, 128, 43-53.	4.3	66
5	Carbon–nitrogen interactions during afforestation in central China. <i>Soil Biology and Biochemistry</i> , 2014, 69, 119-122.	8.8	55
6	Inhibited enzyme activities in soil macroaggregates contribute to enhanced soil carbon sequestration under afforestation in central China. <i>Science of the Total Environment</i> , 2018, 640-641, 653-661.	8.0	38
7	Variations in carbon–decomposition enzyme activities respond differently to land use change in central China. <i>Land Degradation and Development</i> , 2019, 30, 459-469.	3.9	33
8	Shifts in soil organic carbon dynamics under detritus input manipulations in a coniferous forest ecosystem in subtropical China. <i>Soil Biology and Biochemistry</i> , 2018, 126, 1-10.	8.8	27
9	Soil nitrogen dynamics at a regional scale along a precipitation gradient in secondary grassland of China. <i>Science of the Total Environment</i> , 2021, 781, 146736.	8.0	27
10	Agricultural land use change impacts soil CO ₂ emission and its ¹³ C-isotopic signature in central China. <i>Soil and Tillage Research</i> , 2018, 177, 105-112.	5.6	20
11	Soil enzyme activity and stoichiometry in secondary grasslands along a climatic gradient of subtropical China. <i>Science of the Total Environment</i> , 2022, 825, 154019.	8.0	20
12	Afforestation enhanced soil CH ₄ uptake rate in subtropical China: Evidence from carbon stable isotope experiments. <i>Soil Biology and Biochemistry</i> , 2018, 118, 199-206.	8.8	19
13	Spatial variation in soil microbial community structure and its relation to plant distribution and local environments following afforestation in central China. <i>Soil and Tillage Research</i> , 2019, 193, 8-16.	5.6	18
14	Anti-seasonal submergence dominates the structure and composition of prokaryotic communities in the riparian zone of the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2019, 663, 662-672.	8.0	18
15	Soil labile and recalcitrant carbon and nitrogen dynamics in relation to functional vegetation groups along precipitation gradients in secondary grasslands of South China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10528-10540.	5.3	15
16	Linkages between soil organic carbon fractions and carbon-hydrolyzing enzyme activities across riparian zones in the Three Gorges of China. <i>Scientific Reports</i> , 2020, 10, 8433.	3.3	14
17	How do Biotic and Abiotic Factors Regulate Soil Enzyme Activities at Plot and Microplot Scales Under Afforestation?. <i>Ecosystems</i> , 2020, 23, 1408-1422.	3.4	14
18	Soil nitrogen–hydrolyzing enzyme activity and stoichiometry following a subtropical land use change. <i>Land Degradation and Development</i> , 2021, 32, 4277-4287.	3.9	13

#	ARTICLE	IF	CITATIONS
19	Soil net methane uptake rates in response to short-term litter input change in a coniferous forest ecosystem of central China. <i>Agricultural and Forest Meteorology</i> , 2019, 271, 307-315.	4.8	8
20	Identifying Carbon-Degrading Enzyme Activities in Association with Soil Organic Carbon Accumulation Under Land-Use Changes. <i>Ecosystems</i> , 2022, 25, 1219-1233.	3.4	7
21	Determinants of soil carbon- and nitrogen-hydrolyzing enzymes within different afforested lands in central China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 18868-18881.	5.3	2