

Xinli Chen

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

876
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

777
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-analysis shows positive effects of plant diversity on microbial biomass and respiration. <i>Nature Communications</i> , 2019, 10, 1332.	12.8	184
2	Effects of plant diversity on soil carbon in diverse ecosystems: a global meta-analysis. <i>Biological Reviews</i> , 2020, 95, 167-183.	10.4	107
3	Soil labile organic carbon and carbon-cycle enzyme activities under different thinning intensities in Chinese fir plantations. <i>Applied Soil Ecology</i> , 2016, 107, 162-169.	4.3	90
4	Global effects of plant litter alterations on soil CO_2 to the atmosphere. <i>Global Change Biology</i> , 2018, 24, 3462-3471.	9.5	73
5	Negative to positive shifts in diversity effects on soil nitrogen over time. <i>Nature Sustainability</i> , 2021, 4, 225-232.	23.7	67
6	Plant diversity loss reduces soil respiration across terrestrial ecosystems. <i>Global Change Biology</i> , 2019, 25, 1482-1492.	9.5	61
7	Plant mixture balances terrestrial ecosystem C:N:P stoichiometry. <i>Nature Communications</i> , 2021, 12, 4562.	12.8	61
8	Meta-analysis shows that plant mixtures increase soil phosphorus availability and plant productivity in diverse ecosystems. <i>Nature Ecology and Evolution</i> , 2022, 6, 1112-1121.	7.8	43
9	Functional and phylogenetic diversity promote litter decomposition across terrestrial ecosystems. <i>Global Ecology and Biogeography</i> , 2020, 29, 2261-2272.	5.8	32
10	Global soil microbial biomass decreases with aridity and land-use intensification. <i>Global Ecology and Biogeography</i> , 2021, 30, 1056-1069.	5.8	27
11	Contribution of root traits to variations in soil microbial biomass and community composition. <i>Plant and Soil</i> , 2021, 460, 483-495.	3.7	20
12	Forest soil acidification consistently reduces litter decomposition irrespective of nutrient availability and litter type. <i>Functional Ecology</i> , 2021, 35, 2753-2762.	3.6	19
13	Plant diversity increases the abundance and diversity of soil fauna: A meta-analysis. <i>Geoderma</i> , 2022, 411, 115694.	5.1	17
14	Functional diversity enhances, but exploitative traits reduce tree mixture effects on microbial biomass. <i>Functional Ecology</i> , 2020, 34, 276-286.	3.6	12
15	Water availability regulates negative effects of species mixture on soil microbial biomass in boreal forests. <i>Soil Biology and Biochemistry</i> , 2019, 139, 107634.	8.8	11
16	Different Responses and Links of N:P Ratio Among Ecosystem Components Under Nutrient Addition in a Temperate Forest. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3158-3167.	3.0	10
17	Foliar nutrient resorption dynamics of trembling aspen and white birch during secondary succession in the boreal forest of central Canada. <i>Forest Ecology and Management</i> , 2022, 505, 119876.	3.2	9
18	Rapid functional shifts across high latitude forests over the last 65 years. <i>Global Change Biology</i> , 2021, 27, 3846-3858.	9.5	8

#	ARTICLE	IF	CITATIONS
19	Contrasting effects of thinning on soil CO ₂ emission and above- and belowground carbon regime under a subtropical Chinese fir plantation. <i>Science of the Total Environment</i> , 2019, 690, 361-369.	8.0	7
20	The effects of functional diversity and identity (acquisitive versus conservative strategies) on soil carbon stocks are dependent on environmental contexts. <i>Forest Ecology and Management</i> , 2022, 503, 119820.	3.2	7
21	Water availability regulates tree mixture effects on total and heterotrophic soil respiration: A three-year field experiment. <i>Geoderma</i> , 2021, 402, 115259.	5.1	6
22	Nitrogen enrichment alters climate sensitivity of biodiversity and productivity differentially and reverses the relationship between them in an alpine meadow. <i>Science of the Total Environment</i> , 2022, 835, 155418.	8.0	5