

# 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	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
2	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
3	Plant diversity increases the abundance and diversity of soil fauna: A meta-analysis. <i>Geoderma</i> , 2022, 411, 115694.	5.1	17
4	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
5	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
6	Negative to positive shifts in diversity effects on soil nitrogen over time. <i>Nature Sustainability</i> , 2021, 4, 225-232.	23.7	67
7	Global soil microbial biomass decreases with aridity and land-use intensification. <i>Global Ecology and Biogeography</i> , 2021, 30, 1056-1069.	5.8	27
8	Rapid functional shifts across high latitude forests over the last 65 years. <i>Global Change Biology</i> , 2021, 27, 3846-3858.	9.5	8
9	Plant mixture balances terrestrial ecosystem C:N:P stoichiometry. <i>Nature Communications</i> , 2021, 12, 4562.	12.8	61
10	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
11	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
12	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
13	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
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	Functional and phylogenetic diversity promote litter decomposition across terrestrial ecosystems. <i>Global Ecology and Biogeography</i> , 2020, 29, 2261-2272.	5.8	32
16	Contrasting effects of thinning on soil CO <sub>2</sub> 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
17	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
18	Different Responses and Links of N:P Ratio Among Ecosystem Components Under Nutrient Addition in a Temperate Forest. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2019, 124, 3158-3167.	3.0	10

#	ARTICLE	IF	CITATIONS
19	Meta-analysis shows positive effects of plant diversity on microbial biomass and respiration. Nature Communications, 2019, 10, 1332.	12.8	184
20	Plant diversity loss reduces soil respiration across terrestrial ecosystems. Global Change Biology, 2019, 25, 1482-1492.	9.5	61
21	Global effects of plant litter alterations on soil $\text{CO}_2$ to the atmosphere. Global Change Biology, 2018, 24, 3462-3471.	9.5	73
22	Soil labile organic carbon and carbon-cycle enzyme activities under different thinning intensities in Chinese fir plantations. Applied Soil Ecology, 2016, 107, 162-169.	4.3	90