

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46 papers	1,214 citations	20 h-index	34 g-index
51 ext. papers	1,667 ext. citations	5.9 avg, IF	4.51 L-index

#	Paper	IF	Citations
46	Effects of stand age and inter-annual precipitation variability on fine root biomass in poplar plantations in the eastern coastal China. <i>Forest Ecology and Management</i> , 2022 , 505, 119883	3.9	0
45	Effects of Soil Moisture and Temperature on Microbial Regulation of Methane Fluxes in a Poplar Plantation. <i>Forests</i> , 2021 , 12, 407	2.8	1
44	Long-term measurements in a mixed-grass prairie reveal a change in soil organic carbon recalcitrance and its environmental sensitivity under warming. <i>Oecologia</i> , 2021 , 197, 989-1002	2.9	0
43	LiDAR Applications to Estimate Forest Biomass at Individual Tree Scale: Opportunities, Challenges and Future Perspectives. <i>Forests</i> , 2021 , 12, 550	2.8	15
42	Contrasting nutrient-mediated responses between surface and deep fine root biomass to N addition in poplar plantations on the east coast of China. <i>Forest Ecology and Management</i> , 2021 , 490, 119152	3.9	1
41	Global negative effects of nutrient enrichment on arbuscular mycorrhizal fungi, plant diversity and ecosystem multifunctionality. <i>New Phytologist</i> , 2021 , 229, 2957-2969	9.8	20
40	Long-term, amplified responses of soil organic carbon to nitrogen addition worldwide. <i>Global Change Biology</i> , 2021 , 27, 1170-1180	11.4	26
39	Nutrient resorption and stoichiometric responses of poplar (<i>Populus deltoids</i>) plantations to N addition in a coastal region of eastern China. <i>Journal of Plant Ecology</i> , 2021 , 14, 591-604	1.7	0
38	Extracting Canopy Closure by the CHM-Based and SHP-Based Methods with a Hemispherical FOV from UAV-LiDAR Data in a Poplar Plantation. <i>Remote Sensing</i> , 2021 , 13, 3837	5	2
37	Maternal Environmental Light Conditions Affect the Morphological Allometry and Dispersal Potential of <i>Acer palmatum</i> Samaras. <i>Forests</i> , 2021 , 12, 1313	2.8	0
36	Lower soil carbon stocks in exotic vs. native grasslands are driven by carbonate losses. <i>Ecology</i> , 2020 , 101, e03039	4.6	6
35	The roles of initial litter traits in regulating litter decomposition: a common plot experiment in a subtropical evergreen broadleaf forest. <i>Plant and Soil</i> , 2020 , 452, 207-216	4.2	6
34	Soil depth and grassland origin cooperatively shape microbial community co-occurrence and function. <i>Ecosphere</i> , 2020 , 11, e02973	3.1	16
33	Tree Line Identification and Dynamics under Climate Change in Wuyishan National Park Based on Landsat Images. <i>Remote Sensing</i> , 2020 , 12, 2890	5	3
32	Gene-informed decomposition model predicts lower soil carbon loss due to persistent microbial adaptation to warming. <i>Nature Communications</i> , 2020 , 11, 4897	17.4	21
31	Experimental warming amplified opposite impacts of drought vs. wet extremes on ecosystem carbon cycle in a tallgrass prairie. <i>Agricultural and Forest Meteorology</i> , 2019 , 276-277, 107635	5.8	3
30	Nitrogen and Phosphorus Resorption in Planted Forests Worldwide. <i>Forests</i> , 2019 , 10, 201	2.8	16

29	Fine Root Biomass Mediates Soil Fauna Community in Response to Nitrogen Addition in Poplar Plantations (<i>Populus deltoids</i>) on the East Coast of China. <i>Forests</i> , 2019 , 10, 122	2.8	6
28	Leaf litter traits predominantly control litter decomposition in streams worldwide. <i>Global Ecology and Biogeography</i> , 2019 , 28, 1469-1486	6.1	41
27	Temperature sensitivity of soil organic carbon decomposition increased with mean carbon residence time: Field incubation and data assimilation. <i>Global Change Biology</i> , 2018 , 24, 810-822	11.4	27
26	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	10.2	21
25	Effects of soil fauna on leaf litter decomposition under different land uses in eastern coast of China. <i>Journal of Forestry Research</i> , 2018 , 29, 973-982	2	16
24	Microbial community structure and functions differ between native and novel (exotic-dominated) grassland ecosystems in an 8-year experiment. <i>Plant and Soil</i> , 2018 , 432, 359-372	4.2	13
23	Autotrophic and heterotrophic soil respiration responds asymmetrically to drought in a subtropical forest in the Southeast China. <i>Soil Biology and Biochemistry</i> , 2018 , 123, 242-249	7.5	32
22	Successional change in species composition alters climate sensitivity of grassland productivity. <i>Global Change Biology</i> , 2018 , 24, 4993-5003	11.4	15
21	Consistent temperature sensitivity of labile soil organic carbon mineralization along an elevation gradient in the Wuyi Mountains, China. <i>Applied Soil Ecology</i> , 2017 , 117-118, 32-37	5	9
20	Species composition but not diversity explains recovery from the 2011 drought in Texas grasslands. <i>Ecosphere</i> , 2017 , 8, e01704	3.1	9
19	Dual mechanisms regulate ecosystem stability under decade-long warming and hay harvest. <i>Nature Communications</i> , 2016 , 7, 11973	17.4	42
18	Toward more realistic projections of soil carbon dynamics by Earth system models. <i>Global Biogeochemical Cycles</i> , 2016 , 30, 40-56	5.9	251
17	Co-Regulations of <i>Spartina alterniflora</i> Invasion and Exogenous Nitrogen Loading on Soil N ₂ O Efflux in Subtropical Mangrove Mesocosms. <i>PLoS ONE</i> , 2016 , 11, e0146199	3.7	8
16	Unchanged carbon balance driven by equivalent responses of production and respiration to climate change in a mixed-grass prairie. <i>Global Change Biology</i> , 2016 , 22, 1857-66	11.4	30
15	Carbon: nitrogen stoichiometry following afforestation: a global synthesis. <i>Scientific Reports</i> , 2016 , 6, 19117	4.9	13
14	Experimental warming altered rates of carbon processes, allocation, and carbon storage in a tallgrass prairie. <i>Ecosphere</i> , 2015 , 6, art210	3.1	15
13	Evidence for long-term shift in plant community composition under decadal experimental warming. <i>Journal of Ecology</i> , 2015 , 103, 1131-1140	6	48
12	Plant invasions differentially affected by diversity and dominant species in native- and exotic-dominated grasslands. <i>Ecology and Evolution</i> , 2015 , 5, 5662-70	2.8	5

11	Elevation-Dependent Vegetation Greening of the Yarlung Zangbo River Basin in the Southern Tibetan Plateau, 1999-2013. <i>Remote Sensing</i> , 2015 , 7, 16672-16687	5	29
10	Plant community structure regulates responses of prairie soil respiration to decadal experimental warming. <i>Global Change Biology</i> , 2015 , 21, 3846-53	11.4	67
9	Consistent proportional increments in responses of belowground net primary productivity to long-term warming and clipping at various soil depths in a tallgrass prairie. <i>Oecologia</i> , 2014 , 174, 1045-54	7.9	20
8	Nitrous oxide emissions from cultivated black soil: A case study in Northeast China and global estimates using empirical model. <i>Global Biogeochemical Cycles</i> , 2014 , 28, 1311-1326	5.9	51
7	Effects of substrate addition on soil respiratory carbon release under long-term warming and clipping in a tallgrass prairie. <i>PLoS ONE</i> , 2014 , 9, e114203	3.7	6
6	Net primary productivity and rain-use efficiency as affected by warming, altered precipitation, and clipping in a mixed-grass prairie. <i>Global Change Biology</i> , 2013 , 19, 2753-64	11.4	98
5	Carbon quality and the temperature sensitivity of soil organic carbon decomposition in a tallgrass prairie. <i>Soil Biology and Biochemistry</i> , 2012 , 50, 142-148	7.5	49
4	Long-term experimental warming decreased labile soil organic carbon in a tallgrass prairie. <i>Plant and Soil</i> , 2012 , 361, 307-315	4.2	29
3	Interannual variability in responses of belowground net primary productivity (NPP) and NPP partitioning to long-term warming and clipping in a tallgrass prairie. <i>Global Change Biology</i> , 2012 , 18, 1648-1656	11.4	64
2	Temperature sensitivity increases with soil organic carbon recalcitrance along an elevational gradient in the Wuyi Mountains, China. <i>Soil Biology and Biochemistry</i> , 2010 , 42, 1811-1815	7.5	63
1	Effects of nitrogen application on the decomposition of fine roots in temperate forests: a meta-analysis. <i>Plant and Soil</i> , 1	4.2	0