Yuan Liu

List of Publications by Year
in descending order

14	561	932766 10	1058022 14
papers	citations	h-index	g-index

14	14	14	807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A global synthesis of the rate and temperature sensitivity of soil nitrogen mineralization: latitudinal patterns and mechanisms. Global Change Biology, 2017, 23, 455-464.	4.2	151
2	Regional variation in the temperature sensitivity of soil organic matter decomposition in China's forests and grasslands. Global Change Biology, 2017, 23, 3393-3402.	4.2	101
3	The optimum temperature of soil microbial respiration: Patterns and controls. Soil Biology and Biochemistry, 2018, 121, 35-42.	4.2	68
4	Patterns and regulating mechanisms of soil nitrogen mineralization and temperature sensitivity in Chinese terrestrial ecosystems. Agriculture, Ecosystems and Environment, 2016, 215, 40-46.	2.5	52
5	Root exudates shift how N mineralization and N fixation contribute to the plant-available N supply in low fertility soils. Soil Biology and Biochemistry, 2022, 165, 108541.	4.2	50
6	Strong pulse effects of precipitation events on soil microbial respiration in temperate forests. Geoderma, 2016, 275, 67-73.	2.3	33
7	Asymmetric responses of soil heterotrophic respiration to rising and decreasing temperatures. Soil Biology and Biochemistry, 2017, 106, 18-27.	4.2	29
8	Temperature sensitivity of soil microbial respiration in soils with lower substrate availability is enhanced more by labile carbon input. Soil Biology and Biochemistry, 2021, 154, 108148.	4.2	24
9	Changes to soil organic matter decomposition rate and its temperature sensitivity along water table gradients in cold-temperate forest swamps. Catena, 2020, 194, 104684.	2.2	13
10	A new incubation and measurement approach to estimate the temperature response of soil organic matter decomposition. Soil Biology and Biochemistry, 2019, 138, 107596.	4.2	12
11	Effect of grazing exclusion on the temperature sensitivity of soil net nitrogen mineralization in the Inner Mongolian grasslands. European Journal of Soil Biology, 2020, 97, 103171.	1.4	10
12	Widespread asymmetric response of soil heterotrophic respiration to warming and cooling. Science of the Total Environment, 2018, 635, 423-431.	3.9	9
13	Asynchronous pulse responses of soil carbon and nitrogen mineralization to rewetting events at a short-term: Regulation by microbes. Scientific Reports, 2017, 7, 7492.	1.6	6
14	Important interaction of chemicals, microbial biomass and dissolved substrates in the diel hysteresis loop of soil heterotrophic respiration. Plant and Soil, 2018, 428, 279-290.	1.8	3