

Yuan Liu

List of Publications by Year in descending order

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14
papers

561
citations

932766

10
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

807
citing authors

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