Shibin Liu

List of Publications by Year
in descending order

18	1,315	687220 13	839398 18
papers	citations	h-index	g-index

18	18	18	1582
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microplastics in aquatic environments: Toxicity to trigger ecological consequences. Environmental Pollution, 2020, 261, 114089.	3.7	292
2	Degradation of Tibetan grasslands: Consequences for carbon and nutrient cycles. Agriculture, Ecosystems and Environment, 2018, 252, 93-104.	2.5	227
3	The Kobresia pygmaea ecosystem of the Tibetan highlands â€“ Origin, functioning and degradation of the world's largest pastoral alpine ecosystem. Science of the Total Environment, 2019, 648, 754-771.	3.9	209
4	Impact of manure on soil biochemical properties: A global synthesis. Science of the Total Environment, 2020, 745, 141003.	3.9	77
5	Synergistic construction of green tea biochar supported nZVI for immobilization of lead in soil: A mechanistic investigation. Environment International, 2020, 135, 105374.	4.8	74
6	Spatio-temporal patterns of enzyme activities after manure application reflect mechanisms of niche differentiation between plants and microorganisms. Soil Biology and Biochemistry, 2017, 112, 100-109.	4.2	72
7	Hot experience for cold-adapted microorganisms: Temperature sensitivity of soil enzymes. Soil Biology and Biochemistry, 2017, 105, 236-243.	4.2	68
8	Nutrients in the rhizosphere: A meta-analysis of content, availability, and influencing factors. Science of the Total Environment, 2022, 826, 153908.	3.9	60
9	Carbon and Nitrogen Losses from Soil Depend on Degradation of Tibetan Kobresia Pastures. Land Degradation and Development, 2017, 28, 1253-1262.	1.8	43
10	Spatial and temporal patterns of global soil heterotrophic respiration in terrestrial ecosystems. Earth System Science Data, 2020, 12, 1037-1051.	3.7	43
11	Microbial functional changes mark irreversible course of Tibetan grassland degradation. Nature Communications, 2022, 13, 2681.	5.8	37
12	Comparable effects of manure and its biochar on reducing soil Cr bioavailability and narrowing the rhizosphere extent of enzyme activities. Environment International, 2020, 134, 105277.	4.8	31
13	Toxicity of nano-CuO particles to maize and microbial community largely depends on its bioavailable fractions. Environmental Pollution, 2019, 255, 113248.	3.7	28
14	Responses of Degraded Tibetan Kobresia Pastures to N Addition. Land Degradation and Development, 2018, 29, 303-314.	1.8	14
15	Impact of ZnO nanoparticles on soil lead bioavailability and microbial properties. Science of the Total Environment, 2022, 806, 150299.	3.9	13
16	Impact of living mulch on soil C:N:P stoichiometry in orchards across China: A meta-analysis examining climatic, edaphic, and biotic dependency. Pedosphere, 2020, 30, 181-189.	2.1	13
17	Comparison of two methods for estimation of soil water content from measured reflectance. Canadian Journal of Soil Science, 2012, 92, 845-857.	0.5	7
18	Spectral Analysis and Estimations of Soil Salt and Organic Matter Contents. Soil Science, 2013, 178, 138-146.	0.9	7