Charlotte J Alster

List of Publications by Year
in descending order

13	421	1478505 6	1125743 13
papers	citations	h-index	g-index

14	14	14	751
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbial enzymatic responses to drought and to nitrogen addition in a southern California grassland. Soil Biology and Biochemistry, 2013, 64, 68-79.	8.8	171
2	A metaâ€analysis of temperature sensitivity as a microbial trait. Global Change Biology, 2018, 24, 4211-4224.	9.5	54
3	Embracing a new paradigm for temperature sensitivity of soil microbes. Global Change Biology, 2020, 26, 3221-3229.	9.5	54
4	Temperature Sensitivity as a Microbial Trait Using Parameters from Macromolecular Rate Theory. Frontiers in Microbiology, 2016, 7, 1821.	3.5	43
5	Temperature sensitivity of soil microbial communities: An application of macromolecular rate theory to microbial respiration. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1420-1433.	3.0	41
6	Rapid Accumulation of Soil Carbon and Nitrogen in a Prairie Restoration Chronosequence. Soil Science Society of America Journal, 2013, 77, 2029-2038.	2.2	18
7	Assessing thermal acclimation of soil microbial respiration using macromolecular rate theory. Biogeochemistry, 2022, 158, 131-141.	3.5	10
8	Carbon budgets for soil and plants respond to long-term warming in an Alaskan boreal forest. Biogeochemistry, 2020, 150, 345-353.	3.5	7
9	Exploring Trait Trade-Offs for Fungal Decomposers in a Southern California Grassland. Frontiers in Microbiology, 2021, 12, 655987.	3.5	6
10	Phenotypic plasticity of fungal traits in response to moisture and temperature. ISME Communications, 2021, 1, .	4.2	6
11	Nutrient and stress tolerance traits linked to fungal responses to global change. Elementa, 2021, 9, .	3.2	5
12	Microbes adjust to heat. Nature Ecology and Evolution, 2019, 3, 155-156.	7.8	4
13	Trait relationships of fungal decomposers in response to drought using a dual field and laboratory approach. Ecosphere, 2022, 13, .	2.2	2