Alex Crump

List of Publications by Year
in descending order

15 papers	478 citations	1040056 9 h-index	1281871 11 g-index
24 all docs	24 docs citations	24 times ranked	710 citing authors

#	Article	IF	Citations
1	Deterministic influences exceed dispersal effects on hydrologicallyâ€connected microbiomes. Environmental Microbiology, 2017, 19, 1552-1567.	3.8	143
2	Coupling Spatiotemporal Community Assembly Processes to Changes in Microbial Metabolism. Frontiers in Microbiology, 2016, 7, 1949.	3.5	87
3	Multi 'omics comparison reveals metabolome biochemistry, not microbiome composition or gene expression, corresponds to elevated biogeochemical function in the hyporheic zone. Science of the Total Environment, 2018, 642, 742-753.	8.0	60
4	Carbon Inputs From Riparian Vegetation Limit Oxidation of Physically Bound Organic Carbon Via Biochemical and Thermodynamic Processes. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 3188-3205.	3.0	58
5	Geochemical and Microbial Community Attributes in Relation to Hyporheic Zone Geological Facies. Scientific Reports, 2017, 7, 12006.	3.3	40
6	Effects of Integrated Pest Management on Pest Damage and Yield Components in a Rice Agro-Ecosystem in the Barisal Region of Bangladesh. Frontiers in Environmental Science, 2016, 4, .	3.3	27
7	Biogeochemical cycling at the aquaticâ€“terrestrial interface is linked to parafluvial hyporheic zone inundation history. Biogeosciences, 2017, 14, 4229-4241.	3.3	25
8	Molecular and Microscopic Insights into the Formation of Soil Organic Matter in a Red Pine Rhizosphere. Soils, 2017, 1, 4.	1.0	12
9	Distinct temporal diversity profiles for nitrogen cycling genes in a hyporheic microbiome. PLoS ONE, 2020, 15, e0228165.	2.5	12
10	Soil respiration across aÂpermafrost transition zone: spatial structure and environmental correlates. Biogeosciences, 2017, 14, 4341-4354.	3.3	7
11	Effects of Microbial-Mineral Interactions on Organic Carbon Stabilization in a Ponderosa Pine Root Zone: A Micro-Scale Approach. Frontiers in Earth Science, 2022, 10, .	1.8	1
12	Distinct temporal diversity profiles for nitrogen cycling genes in a hyporheic microbiome. , 2020, 15, e0228165.		0
13	Distinct temporal diversity profiles for nitrogen cycling genes in a hyporheic microbiome. , 2020, 15, e0228165.		0
14	Distinct temporal diversity profiles for nitrogen cycling genes in a hyporheic microbiome. , 2020, 15, e0228165.		0
15	Distinct temporal diversity profiles for nitrogen cycling genes in a hyporheic microbiome. , 2020, 15, e0228165.		0