Andrew T Nottingham

List of Publications by Year
in descending order

27 papers	2,234 citations	430874 18 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	3324 citing authors

#	Article	IF	Citations
1	Soil enzymes in response to climate warming: Mechanisms and feedbacks. Functional Ecology, 2022, 36, 1378-1395.	3.6	44
2	Tropical ant community responses to experimental soil warming. Biology Letters, 2022, 18, 20210518.	2.3	4
3	Soil carbon and microbes in the warming tropics. Functional Ecology, 2022, 36, 1338-1354.	3.6	8
4	Development of global temperature and pH calibrations based on bacterial 3-hydroxy fatty acids in soils. Biogeosciences, 2021, 18, 3937-3959.	3.3	8
5	Editorial: Tropical Montane Forests in a Changing Environment. Frontiers in Plant Science, 2021, 12, 712748.	3.6	14
6	Predicting tropical tree mortality with leaf spectroscopy. Biotropica, 2021, 53, 581-595.	1.6	3
7	Soil carbon loss by experimental warming in a tropical forest. Nature, 2020, 584, 234-237.	27.8	132
8	Microbial responses to warming enhance soil carbon loss following translocation across a tropical forest elevation gradient. Ecology Letters, 2019, 22, 1889-1899.	6.4	65
9	Soil warming effects on tropical forests with highly weathered soils. , 2019, , 385-439.		13
10	Microbes Follow Humboldt: Temperature Drives Plant and Soil Microbial Diversity Patterns from the Amazon to the Andes. Bulletin of the Ecological Society of America, 2019, 100, e01452.	0.2	3
11	Carbon and nitrogen inputs differentially affect priming of soil organic matter in tropical lowland and montane soils. Soil Biology and Biochemistry, 2019, 129, 212-222.	8.8	81
12	Adaptation of soil microbial growth to temperature: Using a tropical elevation gradient to predict future changes. Global Change Biology, 2019, 25, 827-838.	9.5	86
13	Nutrient limitations to bacterial and fungal growth during cellulose decomposition in tropical forest soils. Biology and Fertility of Soils, 2018, 54, 219-228.	4.3	86
14	Microbes follow Humboldt: temperature drives plant and soil microbial diversity patterns from the Amazon to the Andes. Ecology, 2018, 99, 2455-2466.	3.2	197
15	Temperature sensitivity of soil enzymes along an elevation gradient in the Peruvian Andes. Biogeochemistry, 2016, 127, 217-230.	3.5	75
16	Source to sink: Evolution of lignin composition in the Madre de Dios River system with connection to the Amazon basin and offshore. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1316-1338.	3.0	39
17	Climate Warming and Soil Carbon in Tropical Forests: Insights from an Elevation Gradient in the Peruvian Andes. BioScience, 2015, 65, 906-921.	4.9	75
18	Nitrogen and phosphorus constrain labile and stable carbon turnover in lowland tropical forest soils. Soil Biology and Biochemistry, 2015, 80, 26-33.	8.8	113

#	Article	IF	Citations
19	Microbial carbon mineralization in tropical lowland and montane forest soils of Peru. Frontiers in Microbiology, 2014, 5, 720.	3.5	31
20	Temperature sensitivity of soil respiration rates enhanced by microbial community response. Nature, 2014, 513, 81-84.	27.8	528
21	Microbial community composition explains soil respiration responses to changing carbon inputs along an <scp>A</scp>ndesâ€toâ€<scp>A</scp>mazon elevation gradient. Journal of Ecology, 2014, 102, 1058-1071.	4.0	181
22	Root and arbuscular mycorrhizal mycelial interactions with soil microorganisms in lowland tropical forest. FEMS Microbiology Ecology, 2013, 85, 37-50.	2.7	66
23	Priming and microbial nutrient limitation in lowland tropical forest soils of contrasting fertility. Biogeochemistry, 2012, 111, 219-237.	3.5	99
24	Soil properties in tropical montane cloud forests influence estimates of soil CO2 efflux. Agricultural and Forest Meteorology, 2012, 166-167, 215-220.	4.8	5
25	Arbuscular mycorrhizal mycelial respiration in a moist tropical forest. New Phytologist, 2010, 186, 957-967.	7.3	68
26	Soil priming by sugar and leaf-litter substrates: A link to microbial groups. Applied Soil Ecology, 2009, 42, 183-190.	4.3	199
27	Large contribution of recent photosynthate to soil respiration in tropical dipterocarp forest revealed by girdling. Journal of Ecology, 0, , .	4.0	2