Nicholas J Bouskill

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5543479/publications.pdf

Version: 2024-02-01

18 papers	1,048 citations	623699 14 h-index	888047 17 g-index
25 all docs	25 docs citations	25 times ranked	1646 citing authors

#	Article	IF	Citations
1	Pre-exposure to drought increases the resistance of tropical forest soil bacterial communities to extended drought. ISME Journal, 2013, 7, 384-394.	9.8	236
2	Environmental factors determining ammoniaâ€oxidizing organism distribution and diversity in marine environments. Environmental Microbiology, 2012, 14, 714-729.	3.8	146
3	Arctic tundra shrubification: a review of mechanisms and impacts on ecosystem carbon balance. Environmental Research Letters, 2021, 16, 053001.	5.2	121
4	The East River, Colorado, Watershed: A Mountainous Community Testbed for Improving Predictive Understanding of Multiscale Hydrologicalâ€“Biogeochemical Dynamics. Vadose Zone Journal, 2018, 17, 1-25.	2.2	115
5	Belowground Response to Drought in a Tropical Forest Soil. I. Changes in Microbial Functional Potential and Metabolism. Frontiers in Microbiology, 2016, 7, 525.	3.5	100
6	Trait-Based Representation of Biological Nitrification: Model Development, Testing, and Predicted Community Composition. Frontiers in Microbiology, 2012, 3, 364.	3.5	94
7	Seasonal and annual reoccurrence in betaproteobacterial ammoniaâ€oxidizing bacterial population structure. Environmental Microbiology, 2011, 13, 872-886.	3.8	39
8	Drought impacts on microbial trait distribution and feedback to soil carbon cycling. Functional Ecology, 2022, 36, 1442-1456.	3.6	34
9	The Snowmelt Niche Differentiates Three Microbial Life Strategies That Influence Soil Nitrogen Availability During and After Winter. Frontiers in Microbiology, 2020, 11, 871.	3.5	32
10	Hysteresis Patterns of Watershed Nitrogen Retention and Loss Over the Past 50Âyears in United States Hydrological Basins. Global Biogeochemical Cycles, 2021, 35, e2020GB006777.	4.9	29
11	Watershed zonation through hillslope clustering for tractably quantifying above- and below-ground watershed heterogeneity and functions. Hydrology and Earth System Sciences, 2022, 26, 429-444.	4.9	19
12	Alaskan carbon-climate feedbacks will be weaker than inferred from short-term experiments. Nature Communications, 2020, 11, 5798.	12.8	18
13	Bedrock weathering contributes to subsurface reactive nitrogen and nitrous oxide emissions. Nature Geoscience, 2021, 14, 217-224.	12.9	18
14	Modeling the Impact of Riparian Hollows on River Corridor Nitrogen Exports. Frontiers in Water, 2021, 3, .	2.3	15
15	Non-growing season plant nutrient uptake controls Arctic tundra vegetation composition under future climate. Environmental Research Letters, 2021, 16, 074047.	5.2	13
16	Modeling geogenic and atmospheric nitrogen through the East River Watershed, Colorado Rocky Mountains. PLoS ONE, 2021, 16, e0247907.	2.5	9
17	Microbial contribution to post-fire tundra ecosystem recovery over the 21st century. Communications Earth & Environment, 2022, 3, .	6.8	6
18	Probabilistic Modeling of Microbial Metabolic Networks for Integrating Partial Quantitative Knowledge Within the Nitrogen Cycle. Frontiers in Microbiology, 2019, 9, 3298.	3.5	0