Lee F Stanish

List of Publications by Year
in descending order

23 papers	2,345 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	3740 citing authors

#	Article	IF	Citations
1	Patterns and Processes of Microbial Community Assembly. Microbiology and Molecular Biology Reviews, 2013, 77, 342-356.	6.6	1,325
2	Global patterns in the biogeography of bacterial taxa. Environmental Microbiology, 2011, 13, 135-144.	3.8	362
3	Key Edaphic Properties Largely Explain Temporal and Geographic Variation in Soil Microbial Communities across Four Biomes. PLoS ONE, 2015, 10, e0135352.	2.5	91
4	Factors Influencing Bacterial Diversity and Community Composition in Municipal Drinking Waters in the Ohio River Basin, USA. PLoS ONE, 2016, 11, e0157966.	2.5	70
5	New and interesting species of the genus<i>Muelleria</i>(Bacillariophyta) from the Antarctic region and South Africa. Phycologia, 2010, 49, 22-41.	1.4	64
6	Hydrologic processes influence diatom community composition in Dry Valley streams. Journal of the North American Benthological Society, 2011, 30, 1057-1073.	3.1	51
7	Life in the Main Channel: Long-Term Hydrologic Control of Microbial Mat Abundance in McMurdo Dry Valley Streams, Antarctica. Ecosystems, 2015, 18, 310-327.	3.4	49
8	Bacteria and diatom coâ€occurrence patterns in microbial mats from polar desert streams. Environmental Microbiology, 2013, 15, 1115-1131.	3.8	44
9	M1 Muscarinic Receptors Inhibit L-type Ca2+ Current and M-Current by Divergent Signal Transduction Cascades. Journal of Neuroscience, 2006, 26, 11588-11598.	3.6	43
10	Diel flow pulses drive particulate organic matter transport from microbial mats in a glacial meltwater stream in the McMurdo Dry Valleys. Water Resources Research, 2014, 50, 86-97.	4.2	41
11	Patterns of bacterial biodiversity in the glacial meltwater streams of the McMurdo Dry Valleys, Antarctica. FEMS Microbiology Ecology, 2016, 92, fiw148.	2.7	41
12	The Ca2+ channel Î² subunit determines whether stimulation of Gq-coupled receptors enhances or inhibits N current. Journal of General Physiology, 2009, 134, 369-384.	1.9	40
13	Catch and release: Hyporheic retention and mineralization of Nâ€fixing <i>Nostoc</i> sustains downstream microbial mat biomass in two polar desert streams. Limnology and Oceanography Letters, 2018, 3, 357-364.	3.9	24
14	Remote characterization of photosynthetic communities in the Fryxell basin of Taylor Valley, Antarctica. Antarctic Science, 2020, 32, 255-270.	0.9	19
15	Estimating microbial mat biomass in the McMurdo Dry Valleys, Antarctica using satellite imagery and ground surveys. Polar Biology, 2020, 43, 1753-1767.	1.2	16
16	Lâ€•and Nâ€current but not Mâ€current inhibition by M₁ muscarinic receptors requires DAG lipase activity. Journal of Cellular Physiology, 2008, 216, 91-100.	4.1	14
17	Thermal autecology describes the occurrence patterns of four benthic diatoms in McMurdo Dry Valley streams. Polar Biology, 2017, 40, 2381-2396.	1.2	14
18	Spatial and temporal patterns of microbial mats and associated invertebrates along an Antarctic stream. Polar Biology, 2018, 41, 1911-1921.	1.2	12

#	Article	IF	Citations
19	Molecular analysis of single room humidifier bacteriology. Water Research, 2015, 69, 318-327.	11.3	9
20	Microbial and Biogeochemical Indicators of Methane in Groundwater Aquifers of the Denver Basin, Colorado. Environmental Science & Technology, 2021, 55, 292-303.	10.0	7
21	Counting Carbon: Quantifying Biomass in the McMurdo Dry Valleys through Orbital & Field Observations. International Journal of Remote Sensing, 2021, 42, 8597-8623.	2.9	5
22	From DNA sequences to microbial ecology: Wrangling NEON soil microbe data with the neonMicrobe R package. Ecosphere, 2021, 12, e03842.	2.2	3
23	Evaluating Alternative Metacommunity Hypotheses for Diatoms in the McMurdo Dry Valleys Using Simulations and Remote Sensing Data. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	1