

Lee F Stanish

List of Publications by Year in descending order

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Version: 2024-02-01

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	Counting Carbon: Quantifying Biomass in the McMurdo Dry Valleys through Orbital & Field Observations. <i>International Journal of Remote Sensing</i> , 2021, 42, 8597-8623.	2.9	5
2	Microbial and Biogeochemical Indicators of Methane in Groundwater Aquifers of the Denver Basin, Colorado. <i>Environmental Science & Technology</i> , 2021, 55, 292-303.	10.0	7
3	From DNA sequences to microbial ecology: Wrangling NEON soil microbe data with the neonMicrobe R package. <i>Ecosphere</i> , 2021, 12, e03842.	2.2	3
4	Estimating microbial mat biomass in the McMurdo Dry Valleys, Antarctica using satellite imagery and ground surveys. <i>Polar Biology</i> , 2020, 43, 1753-1767.	1.2	16
5	Evaluating Alternative Metacommunity Hypotheses for Diatoms in the McMurdo Dry Valleys Using Simulations and Remote Sensing Data. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	1
6	Remote characterization of photosynthetic communities in the Fryxell basin of Taylor Valley, Antarctica. <i>Antarctic Science</i> , 2020, 32, 255-270.	0.9	19
7	Catch and release: Hyporheic retention and mineralization of N-fixing <i>Nostoc</i> sustains downstream microbial mat biomass in two polar desert streams. <i>Limnology and Oceanography Letters</i> , 2018, 3, 357-364.	3.9	24
8	Spatial and temporal patterns of microbial mats and associated invertebrates along an Antarctic stream. <i>Polar Biology</i> , 2018, 41, 1911-1921.	1.2	12
9	Thermal autecology describes the occurrence patterns of four benthic diatoms in McMurdo Dry Valley streams. <i>Polar Biology</i> , 2017, 40, 2381-2396.	1.2	14
10	Factors Influencing Bacterial Diversity and Community Composition in Municipal Drinking Waters in the Ohio River Basin, USA. <i>PLoS ONE</i> , 2016, 11, e0157966.	2.5	70
11	Patterns of bacterial biodiversity in the glacial meltwater streams of the McMurdo Dry Valleys, Antarctica. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw148.	2.7	41
12	Key Edaphic Properties Largely Explain Temporal and Geographic Variation in Soil Microbial Communities across Four Biomes. <i>PLoS ONE</i> , 2015, 10, e0135352.	2.5	91
13	Molecular analysis of single room humidifier bacteriology. <i>Water Research</i> , 2015, 69, 318-327.	11.3	9
14	Life in the Main Channel: Long-Term Hydrologic Control of Microbial Mat Abundance in McMurdo Dry Valley Streams, Antarctica. <i>Ecosystems</i> , 2015, 18, 310-327.	3.4	49
15	Diel flow pulses drive particulate organic matter transport from microbial mats in a glacial meltwater stream in the McMurdo Dry Valleys. <i>Water Resources Research</i> , 2014, 50, 86-97.	4.2	41
16	Bacteria and diatom co-occurrence patterns in microbial mats from polar desert streams. <i>Environmental Microbiology</i> , 2013, 15, 1115-1131.	3.8	44
17	Patterns and Processes of Microbial Community Assembly. <i>Microbiology and Molecular Biology Reviews</i> , 2013, 77, 342-356.	6.6	1,325
18	Hydrologic processes influence diatom community composition in Dry Valley streams. <i>Journal of the North American Benthological Society</i> , 2011, 30, 1057-1073.	3.1	51

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19	Global patterns in the biogeography of bacterial taxa. <i>Environmental Microbiology</i> , 2011, 13, 135-144.	3.8	362
20	New and interesting species of the genus <i>Muelleria</i> (Bacillariophyta) from the Antarctic region and South Africa. <i>Phycologia</i> , 2010, 49, 22-41.	1.4	64
21	The Ca ²⁺ channel $\hat{2}$ subunit determines whether stimulation of Gq-coupled receptors enhances or inhibits N current. <i>Journal of General Physiology</i> , 2009, 134, 369-384.	1.9	40
22	L ⁺ and N ⁺ current but not M ⁺ current inhibition by M ₁ muscarinic receptors requires DAG lipase activity. <i>Journal of Cellular Physiology</i> , 2008, 216, 91-100.	4.1	14
23	M1 Muscarinic Receptors Inhibit L-type Ca ²⁺ Current and M-Current by Divergent Signal Transduction Cascades. <i>Journal of Neuroscience</i> , 2006, 26, 11588-11598.	3.6	43