

Jesse McNichol

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

604
citations

933447

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940533

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22
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22
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Genus-Specific Carbon Fixation Activity Measurements Reveal Distinct Responses to Oxygen among Hydrothermal Vent <i>Campylobacteria</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0208321.	3.1	8
2	Cryptic niche differentiation of novel sediment ecotypes of <i>Ruegeria pomeroyi</i> correlates with nitrate respiration. <i>Environmental Microbiology</i> , 2022, 24, 390-403.	3.8	5
3	Comprehensive single-PCR 16S and 18S rRNA community analysis validated with mock communities, and estimation of sequencing bias against 18S. <i>Environmental Microbiology</i> , 2021, 23, 3240-3250.	3.8	35
4	Evaluating and Improving Small Subunit rRNA PCR Primer Coverage for Bacteria, Archaea, and Eukaryotes Using Metagenomes from Global Ocean Surveys. <i>MSystems</i> , 2021, 6, e0056521.	3.8	35
5	Single Cell Genomics-Based Analysis of Gene Content and Expression of Prophages in a Diffuse-Flow Deep-Sea Hydrothermal System. <i>Frontiers in Microbiology</i> , 2019, 10, 1262.	3.5	14
6	Transcriptomic and proteomic insight into the mechanism of cyclooctasulfur versus thiosulfate oxidation by the chemolithoautotroph <i>Sulfurimonas denitrificans</i> . <i>Environmental Microbiology</i> , 2019, 21, 244-258.	3.8	16
7	Targeted metabolomics reveals proline as a major osmolyte in the chemolithoautotroph <i>Sulfurimonas denitrificans</i> . <i>MicrobiologyOpen</i> , 2018, 7, e00586.	3.0	28
8	Primary productivity below the seafloor at deep-sea hot springs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6756-6761.	7.1	103
9	Assessing microbial processes in deep-sea hydrothermal systems by incubation at in situ temperature and pressure. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 115, 221-232.	1.4	53
10	Recurrent Dreams of Life in Meteorites. <i>Cellular Origin and Life in Extreme Habitats</i> , 2012, , 549-590.	0.3	5
11	Mixotrophic and photoautotrophic cultivation of 14 microalgae isolates from Saskatchewan, Canada: potential applications for wastewater remediation for biofuel production. <i>Journal of Applied Phycology</i> , 2012, 24, 339-348.	2.8	107
12	Suitability of Soxhlet Extraction to Quantify Microalgal Fatty Acids as Determined by Comparison with In Situ Transesterification. <i>Lipids</i> , 2012, 47, 195-207.	1.7	50
13	Are We from Outer Space?. <i>Cellular Origin and Life in Extreme Habitats</i> , 2012, , 591-619.	0.3	7
14	Adapting Mass Algalculture for a Northern Climate. <i>Cellular Origin and Life in Extreme Habitats</i> , 2012, , 131-146.	0.3	1
15	Triacylglycerol profiling of microalgae strains for biofuel feedstock by liquid chromatography-high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2609-2616.	3.7	112
16	Primordial soup, fool's gold, and spontaneous generation. <i>Biochemistry and Molecular Biology Education</i> , 2008, 36, 255-261.	1.2	9
17	Composition and Biogeography of Planktonic Pro- and Eukaryotic Communities in the Atlantic Ocean: Primer Choice Matters. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	5