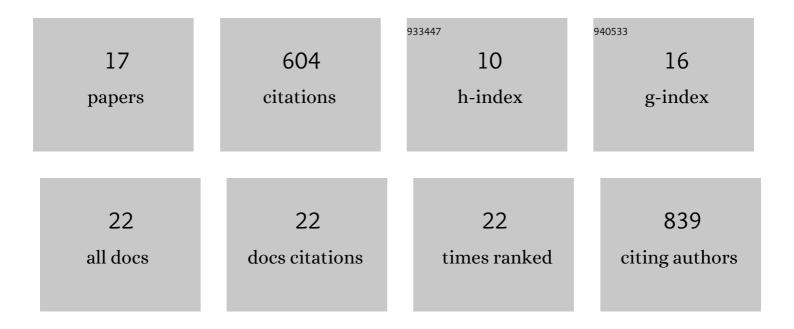
## Jesse McNichol

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6640296/publications.pdf Version: 2024-02-01



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