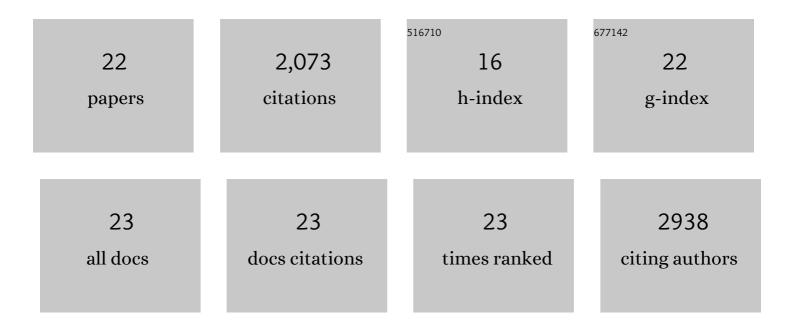
## Jacob R Waldbauer

List of Publications by Year in descending order

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LACOR R WALDRALLER

#	Article	IF	CITATIONS
1	Proteome Expression and Survival Strategies of a Proteorhodopsin-Containing <i>Vibrio</i> Strain under Carbon and Nitrogen Limitation. MSystems, 2022, 7, e0126321.	3.8	2
2	Analogous Metabolic Decoupling in Pseudomonas putida and Comamonas testosteroni Implies Energetic Bypass to Facilitate Gluconeogenic Growth. MBio, 2021, 12, e0325921.	4.1	7
3	Metabolic and biogeochemical consequences of viral infection in aquatic ecosystems. Nature Reviews Microbiology, 2020, 18, 21-34.	28.6	222
4	Carbon substrate reâ€orders relative growth of a bacterium using Moâ€, Vâ€, or Feâ€nitrogenase for nitrogen fixation. Environmental Microbiology, 2020, 22, 1397-1408.	3.8	25
5	Nitrogen sourcing during viral infection of marine cyanobacteria. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15590-15595.	7.1	47
6	Proteomic and Isotopic Response of Desulfovibrio vulgaris to DsrC Perturbation. Frontiers in Microbiology, 2019, 10, 658.	3.5	5
7	Closely related viruses of the marine picoeukaryotic alga <i>Ostreococcus lucimarinus</i> exhibit different ecological strategies. Environmental Microbiology, 2019, 21, 2148-2170.	3.8	15
8	Postnovo: Postprocessing Enables Accurate and FDR-Controlled de Novo Peptide Sequencing. Journal of Proteome Research, 2018, 17, 3671-3680.	3.7	9
9	Distinct molecular signatures in dissolved organic matter produced by viral lysis of marine cyanobacteria. Environmental Microbiology, 2018, 20, 3001-3011.	3.8	48
10	diDO-IPTL: A Peptide-Labeling Strategy for Precision Quantitative Proteomics. Analytical Chemistry, 2017, 89, 11498-11504.	6.5	28
11	Deciphering ocean carbon in a changing world. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3143-3151.	7.1	253
12	Global tRNA misacylation induced by anaerobiosis and antibiotic exposure broadly increases stress ress resistance in <i>Escherichia coli</i> . Nucleic Acids Research, 2016, 44, gkw856.	14.5	31
13	Transcriptome and Proteome Dynamics of a Light-Dark Synchronized Bacterial Cell Cycle. PLoS ONE, 2012, 7, e43432.	2.5	140
14	Microaerobic steroid biosynthesis and the molecular fossil record of Archean life. Proceedings of the United States of America, 2011, 108, 13409-13414.	7.1	86
15	The cloud paradigm: Geostable molecules as proxies for surface oxygenation. Journal of Earth Science (Wuhan, China), 2010, 21, 13-13.	3.2	0
16	Use of stable isotopeâ€labelled cells to identify active grazers of picocyanobacteria in ocean surface waters. Environmental Microbiology, 2009, 11, 512-525.	3.8	138
17	Late Archean molecular fossils from the Transvaal Supergroup record the antiquity of microbial diversity and aerobiosis. Precambrian Research, 2009, 169, 28-47.	2.7	151
18	Improved methods for isolating and validating indigenous biomarkers in Precambrian rocks. Organic Geochemistry, 2007, 38, 1987-2000.	1.8	63

JACOB R WALDBAUER

#	Article	IF	CITATIONS
19	Steroids, triterpenoids and molecular oxygen. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 951-968.	4.0	316
20	The carbon cycle and associated redox processes through time. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 931-950.	4.0	389
21	Oxygen and hydrogen isotope ratios in freshwater chert as indicators of ancient climate and hydrologic regime. Geochimica Et Cosmochimica Acta, 2005, 69, 1377-1390.	3.9	42
22	Strontium, hydrothermal systems and steady-state chemical weathering in active mountain belts. Earth and Planetary Science Letters, 2005, 238, 351-366.	4.4	53