Joshua E Goldford

List of Publications by Year
in descending order

15	1,555	759233 12	996975 15
papers	citations	h-index	g-index

21	21	21	1924
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional attractors in microbial community assembly. Cell Systems, 2022, 13, 29-42.e7.	6.2	59
2	Top-down and bottom-up cohesiveness in microbial community coalescence. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	35
3	Protein cost minimization promotes the emergence of coenzyme redundancy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2110787119.	7.1	7
4	Particleâ€associated and freeâ€living bacterial communities in an oligotrophic sea are affected by different environmental factors. Environmental Microbiology, 2021, 23, 4295-4308.	3.8	35
5	Functional genomic landscape of cancer-intrinsic evasion of killing by T cells. Nature, 2020, 586, 120-126.	27.8	249
6	The Community Simulator: A Python package for microbial ecology. PLoS ONE, 2020, 15, e0230430.	2.5	31
7	A thermodynamic atlas of carbon redox chemical space. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32910-32918.	7.1	11
8	Environmental boundary conditions for the origin of life converge to an organo-sulfur metabolism. Nature Ecology and Evolution, 2019, 3, 1715-1724.	7.8	41
9	Available energy fluxes drive a transition in the diversity, stability, and functional structure of microbial communities. PLoS Computational Biology, 2019, 15, e1006793.	3.2	101
10	Modern views of ancient metabolic networks. Current Opinion in Systems Biology, 2018, 8, 117-124.	2.6	49
11	Emergent simplicity in microbial community assembly. Science, 2018, 361, 469-474.	12.6	706
12	Remnants of an Ancient Metabolism without Phosphate. Cell, 2017, 168, 1126-1134.e9.	28.9	175
13	Unsupervised Identification of Isotope-Labeled Peptides. Analytical Chemistry, 2016, 88, 6092-6099.	6.5	1
14	Metabolic flux analysis using 13 C peptide label measurements. Plant Journal, 2014, 77, 476-486.	5.7	25
15	Quantification of Peptide m/z Distributions from ¹³C-Labeled Cultures with High-Resolution Mass Spectrometry. Analytical Chemistry, 2014, 86, 1894-1901.	6.5	16