

Joshua E Goldford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1108341/publications.pdf>

Version: 2024-02-01

15
papers

1,555
citations

759233

12
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

1924
citing authors

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