

Nicholas C Butzin

List of Publications by Year in descending order

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papers

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933447

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327
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermotoga lettingae Can Salvage Cobinamide To Synthesize Vitamin B ₁₂ . Applied and Environmental Microbiology, 2013, 79, 7006-7012.	3.1	33
2	Mechanisms for Differential Protein Production in Toxin-antitoxin Systems. Toxins, 2017, 9, 211.	3.4	31
3	Reconstructed Ancestral Myo-Inositol-3-Phosphate Synthases Indicate That Ancestors of the Thermococcales and Thermotoga Species Were More Thermophilic than Their Descendants. PLoS ONE, 2013, 8, e84300.	2.5	28
4	Crosstalk between Diverse Synthetic Protein Degradation Tags in Escherichia coli. ACS Synthetic Biology, 2018, 7, 54-62.	3.8	27
5	Vitamin B12 Synthesis and Salvage Pathways Were Acquired by Horizontal Gene Transfer to the Thermotogales. Genome Biology and Evolution, 2012, 4, 842-851.	2.5	22
6	Antibiotic tolerance is associated with a broad and complex transcriptional response in E. coli. Scientific Reports, 2021, 11, 6112.	3.3	22
7	Marching along to an Offbeat Drum: Entrainment of Synthetic Gene Oscillators by a Noisy Stimulus. ACS Synthetic Biology, 2016, 5, 146-153.	3.8	17
8	Entrainment of a Bacterial Synthetic Gene Oscillator through Proteolytic Queueing. ACS Synthetic Biology, 2017, 6, 455-462.	3.8	17
9	Antibiotic tolerance, persistence, and resistance of the evolved minimal cell, Mycoplasma mycoides JCVI-Syn3B. IScience, 2021, 24, 102391.	4.1	16
10	A new system for heterologous expression of membrane proteins: Rhodospirillum rubrum. Protein Expression and Purification, 2010, 70, 88-94.	1.3	15
11	Proteolytic Queues at ClpXP Increase Antibiotic Tolerance. ACS Synthetic Biology, 2020, 9, 95-103.	3.8	14
12	A Cell Segmentation/Tracking Tool Based on Machine Learning. Methods in Molecular Biology, 2019, 2040, 399-422.	0.9	12
13	The spatiotemporal system dynamics of acquired resistance in an engineered microecology. Scientific Reports, 2017, 7, 16071.	3.3	11
14	Role of the PufB and PufA C-Terminal Extensions in the Assembly of Rhodospirillum rubrum Light-Harvesting Antenna. Current Microbiology, 2010, 60, 301-306.	2.2	3