

Nicholas C Butzin

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

274
citations

933447

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1058476

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18
all docs

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docs citations

18
times ranked

327
citing authors

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