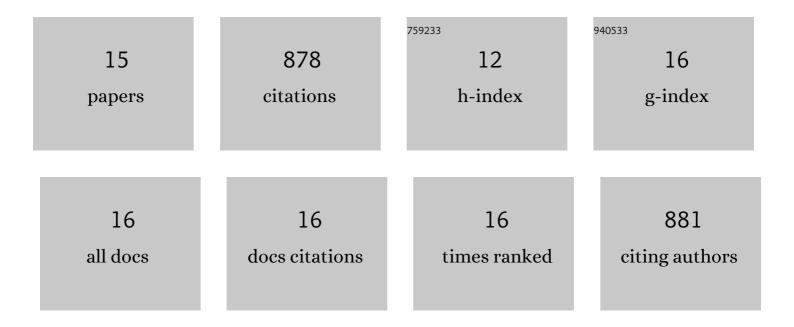
Manlu Zhu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7288551/publications.pdf Version: 2024-02-01



Мамии 7ни

#	Article	lF	CITATIONS
1	Control of ribosome synthesis in bacteria: the important role of rRNA chain elongation rate. Science China Life Sciences, 2021, 64, 795-802.	4.9	10
2	Quantitative analysis of asynchronous transcription-translation and transcription processivity in Bacillus subtilis under various growth conditions. IScience, 2021, 24, 103333.	4.1	9
3	Bacterial stress defense: the crucial role of ribosome speed. Cellular and Molecular Life Sciences, 2020, 77, 853-858.	5.4	19
4	Coupling of Ribosome Synthesis and Translational Capacity with Cell Growth. Trends in Biochemical Sciences, 2020, 45, 681-692.	7.5	62
5	Disruption of transcription–translation coordination in Escherichia coli leads to premature transcriptional termination. Nature Microbiology, 2019, 4, 2347-2356.	13.3	70
6	Maintenance of translational elongation rate underlies the survival of Escherichia coli during oxidative stress. Nucleic Acids Research, 2019, 47, 7592-7604.	14.5	44
7	(p)ppGpp: the magic governor of bacterial growth economy. Current Genetics, 2019, 65, 1121-1125.	1.7	33
8	Growth suppression by altered (p)ppGpp levels results from non-optimal resource allocation in Escherichia coli. Nucleic Acids Research, 2019, 47, 4684-4693.	14.5	77
9	Slowdown of Translational Elongation in <i>Escherichia coli</i> under Hyperosmotic Stress. MBio, 2018, 9, .	4.1	53
10	High Salt Cross-Protects Escherichia coli from Antibiotic Treatment through Increasing Efflux Pump Expression. MSphere, 2018, 3, .	2.9	15
11	On the intrinsic constraint of bacterial growth rate: <i>M. tuberculosis</i> 's view of the protein translation capacity. Critical Reviews in Microbiology, 2018, 44, 455-464.	6.1	42
12	High Osmolarity Modulates Bacterial Cell Size through Reducing Initiation Volume in Escherichia coli. MSphere, 2018, 3, .	2.9	17
13	Sinorhizobium meliloti, a Slow-Growing Bacterium, Exhibits Growth Rate Dependence of Cell Size under Nutrient Limitation. MSphere, 2018, 3, .	2.9	10
14	Reduction of translating ribosomes enables Escherichia coli to maintain elongation rates during slow growth. Nature Microbiology, 2017, 2, 16231.	13.3	251
15	Inflating bacterial cells by increased protein synthesis. Molecular Systems Biology, 2015, 11, 836.	7.2	164