

Xueliang Ge

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

384
citations

840776

11
h-index

940533

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17
all docs

17
docs citations

17
times ranked

701
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytochemicals with activity against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Phytomedicine</i> , 2022, 100, 154073.	5.3	16
2	GGQ methylation enhances both speed and accuracy of stop codon recognition by bacterial class-I release factors. <i>Journal of Biological Chemistry</i> , 2021, 296, 100681.	3.4	5
3	Selective translation by alternative bacterial ribosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19487-19496.	7.1	38
4	Collateral Toxicity Limits the Evolution of Bacterial Release Factor 2 toward Total Omnipotence. <i>Molecular Biology and Evolution</i> , 2020, 37, 2918-2930.	8.9	3
5	Loss of a single methylation in 23S rRNA delays 50S assembly at multiple late stages and impairs translation initiation and elongation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15609-15619.	7.1	27
6	Inhibition of translation termination by small molecules targeting ribosomal release factors. <i>Scientific Reports</i> , 2019, 9, 15424.	3.3	6
7	Complementary charge-based interaction between the ribosomal-stalk protein L7/12 and IF2 is the key to rapid subunit association. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4649-4654.	7.1	21
8	Experimental Evolution of <i>Escherichia coli</i> Harboring an Ancient Translation Protein. <i>Journal of Molecular Evolution</i> , 2017, 84, 69-84.	1.8	40
9	Spatial Distribution and Ribosome-Binding Dynamics of EF-P in Live <i>Escherichia coli</i> . <i>MBio</i> , 2017, 8, .	4.1	25
10	Cryo-EM structure of <i>Mycobacterium smegmatis</i> ribosome reveals two unidentified ribosomal proteins close to the functional centers. <i>Protein and Cell</i> , 2017, 9, 384-388.	11.0	16
11	New melanocortin-like peptide of <i>E. coli</i> can suppress inflammation via the mammalian melanocortin-1 receptor (MC1R): possible endocrine-like function for microbes of the gut. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 31.	6.4	17
12	Micrococcin P1 – A bactericidal thiopeptide active against <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2016, 100, 95-101.	1.9	23
13	Organization of Ribosomes and Nucleoids in <i>Escherichia coli</i> Cells during Growth and in Quiescence. <i>Journal of Biological Chemistry</i> , 2014, 289, 11342-11352.	3.4	76
14	Bacterial ribosome requires multiple L12 dimers for efficient initiation and elongation of protein synthesis involving IF2 and EF-G. <i>Nucleic Acids Research</i> , 2012, 40, 2054-2064.	14.5	47
15	The extended substrate recognition profile of the dog mast cell chymase reveals similarities and differences to the human chymase. <i>International Immunology</i> , 2010, 22, 421-431.	4.0	19