

Ju-Mei Zeng

List of Publications by Year in descending order

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36
papers

1,063
citations

430843

18
h-index

434170

31
g-index

37
all docs

37
docs citations

37
times ranked

1430
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecule Targeting Glucosyltransferase Inhibits Streptococcus mutans Biofilm Formation and Virulence. Antimicrobial Agents and Chemotherapy, 2016, 60, 126-135.	3.2	117
2	Global Protein-Protein Interaction Network in the Human Pathogen <i>Mycobacterium tuberculosis</i> H37Rv. Journal of Proteome Research, 2010, 9, 6665-6677.	3.7	104
3	The characterization of conserved binding motifs and potential target genes for <i>M. tuberculosis</i> MtrAB reveals a link between the two-component system and the drug resistance of <i>M. smegmatis</i> . BMC Microbiology, 2010, 10, 242.	3.3	79
4	Regulation of oxidative response and extracellular polysaccharide synthesis by a diadenylate cyclase in <i>Streptococcus mutans</i> . Environmental Microbiology, 2016, 18, 904-922.	3.8	72
5	Multisystem Analysis of <i>Mycobacterium tuberculosis</i> Reveals Kinase-Dependent Remodeling of the Pathogen-Environment Interface. MBio, 2018, 9, .	4.1	57
6	Phosphate is the third nutrient monitored by TOR in <i>Candida albicans</i> and provides a target for fungal-specific indirect TOR inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6346-6351.	7.1	53
7	Inhibition of <i>Streptococcus mutans</i> biofilm formation, extracellular polysaccharide production, and virulence by an oxazole derivative. Applied Microbiology and Biotechnology, 2016, 100, 857-867.	3.6	48
8	Deletion of cas3 gene in <i>Streptococcus mutans</i> affects biofilm formation and increases fluoride sensitivity. Archives of Oral Biology, 2019, 99, 190-197.	1.8	46
9	A Proteome-Scale Identification of Novel Antigenic Proteins in <i>Mycobacterium tuberculosis</i> toward Diagnostic and Vaccine Development. Journal of Proteome Research, 2010, 9, 4812-4822.	3.7	43
10	Genome editing in <i>Streptococcus mutans</i> through self-targeting CRISPR arrays. Molecular Oral Microbiology, 2018, 33, 440-449.	2.7	39
11	A GntR Family Transcription Factor in <i>Streptococcus mutans</i> Regulates Biofilm Formation and Expression of Multiple Sugar Transporter Genes. Frontiers in Microbiology, 2019, 9, 3224.	3.5	33
12	Protein kinases PknA and PknB independently and coordinately regulate essential <i>Mycobacterium tuberculosis</i> physiologies and antimicrobial susceptibility. PLoS Pathogens, 2020, 16, e1008452.	4.7	33
13	Accurate target identification for <i>Mycobacterium tuberculosis</i> endoribonuclease toxins requires expression in their native host. Scientific Reports, 2019, 9, 5949.	3.3	28
14	Inhibition of <i>Enterococcus faecalis</i> Growth and Biofilm Formation by Molecule Targeting Cyclic di-AMP Synthetase Activity. Journal of Endodontics, 2018, 44, 1381-1388.e2.	3.1	26
15	Over-producing soluble protein complex and validating protein-protein interaction through a new bacterial co-expression system. Protein Expression and Purification, 2010, 69, 47-53.	1.3	24
16	CRISPR-Cas systems in oral microbiome: From immune defense to physiological regulation. Molecular Oral Microbiology, 2020, 35, 41-48.	2.7	24
17	Toxin-mediated ribosome stalling reprograms the <i>Mycobacterium tuberculosis</i> proteome. Nature Communications, 2019, 10, 3035.	12.8	22
18	<i>Rhodiola rosea</i> extract inhibits the biofilm formation and the expression of virulence genes of cariogenic oral pathogen <i>Streptococcus mutans</i> . Archives of Oral Biology, 2020, 116, 104762.	1.8	22

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19	EzrA, a cell shape regulator contributing to biofilm formation and competitiveness in <i>Streptococcus mutans</i> . <i>Molecular Oral Microbiology</i> , 2019, 34, 194-208.	2.7	20
20	A Genome-Wide Regulator-DNA Interaction Network in the Human Pathogen <i>Mycobacterium tuberculosis</i> H37Rv. <i>Journal of Proteome Research</i> , 2012, 11, 4682-4692.	3.7	19
21	Quantitative acetylome analysis reveals involvement of glucosyltransferase acetylation in <i>Streptococcus mutans</i> biofilm formation. <i>Environmental Microbiology Reports</i> , 2021, 13, 86-97.	2.4	18
22	Ursolic acid inhibits multi-species biofilms developed by <i>Streptococcus mutans</i> , <i>Streptococcus sanguinis</i> , and <i>Streptococcus gordonii</i> . <i>Archives of Oral Biology</i> , 2021, 125, 105107.	1.8	18
23	<i>Mycobacterium tuberculosis</i> VapC4 toxin engages small ORFs to initiate an integrated oxidative and copper stress response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
24	Characterization of a functional C-terminus of the <i>Mycobacterium tuberculosis</i> MtrA responsible for both DNA binding and interaction with its two-component partner protein, MtrB. <i>Journal of Biochemistry</i> , 2010, 148, 549-556.	1.7	16
25	Interaction between <i>rpsL</i> and <i>gyrA</i> mutations affects the fitness and dual resistance of <i>Mycobacterium tuberculosis</i> clinical isolates against streptomycin and fluoroquinolones. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 431-440.	2.7	16
26	Global analysis of lysine succinylome in the periodontal pathogen <i>Porphyromonas gingivalis</i> . <i>Molecular Oral Microbiology</i> , 2019, 34, 74-83.	2.7	16
27	Comprehensive profiling of protein lysine acetylation and its overlap with lysine succinylation in the <i>Porphyromonas gingivalis</i> fimbriated strain ATCC 33277. <i>Molecular Oral Microbiology</i> , 2020, 35, 240-250.	2.7	13
28	Inhibitory effects of sodium new houthuyfonate on growth and biofilm formation of <i>Streptococcus mutans</i> . <i>Microbial Pathogenesis</i> , 2021, 157, 104957.	2.9	9
29	Activity of <i>Ligustrum robustum</i> (Roxb.) Blume extract against the biofilm formation and exopolysaccharide synthesis of <i>Streptococcus mutans</i> . <i>Molecular Oral Microbiology</i> , 2021, 36, 67-79.	2.7	7
30	Shared bicycle microbial community: a potential antibiotic-resistant bacteria warehouse. <i>Folia Microbiologica</i> , 2021, 66, 49-58.	2.3	6
31	A novel high-throughput B1H-ChIP method for efficiently validating and screening specific regulator-target promoter interactions. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1257-1269.	3.6	5
32	Heterologous Boosting With <i>Listeria</i> -Based Recombinant Strains in BCG-Primed Mice Improved Protection Against Pulmonary <i>Mycobacterial</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 2036.	4.8	5
33	Deletion of the <i>yqeK</i> gene leads to the accumulation of Ap4A and reduced biofilm formation in <i>Streptococcus mutans</i> . <i>Molecular Oral Microbiology</i> , 2022, 37, 9-21.	2.7	3
34	Solution scattering study of the <i>Bacillus subtilis</i> PgdS enzyme involved in poly- β -glutamic acids degradation. <i>PLoS ONE</i> , 2018, 13, e0195355.	2.5	2
35	A New Bacterial Co-expression System for Over-expressing Soluble Protein and Validating Protein-Protein Interaction. <i>Methods in Molecular Biology</i> , 2012, 824, 235-249.	0.9	2
36	Regulation of Cell Division in <i>Streptococci</i> : Comparing with the Model Rods. <i>Current Issues in Molecular Biology</i> , 2019, 32, 259-326.	2.4	0