

Xue Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

760
citations

623734

14
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

1041
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput CRISPRi phenotyping identifies new essential genes in <i>Streptococcus pneumoniae</i> . <i>Molecular Systems Biology</i> , 2017, 13, 931.	7.2	226
2	Cyclic Hexapeptides from the Deep South China Sea-Derived <i>Streptomyces scopuliridis</i> SCSIO ZJ46 Active Against Pathogenic Gram-Positive Bacteria. <i>Journal of Natural Products</i> , 2014, 77, 1937-1941.	3.0	80
3	Exploration of Bacterial Bottlenecks and <i>Streptococcus pneumoniae</i> Pathogenesis by CRISPRi-Seq. <i>Cell Host and Microbe</i> , 2021, 29, 107-120.e6.	11.0	66
4	Structural Biochemistry of a <i>Vibrio cholerae</i> Dinucleotide Cyclase Reveals Cyclase Activity Regulation by Folates. <i>Molecular Cell</i> , 2014, 55, 931-937.	9.7	62
5	Transcriptional Repressor PtvR Regulates Phenotypic Tolerance to Vancomycin in <i>Streptococcus pneumoniae</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	37
6	CRISPRi-seq for genome-wide fitness quantification in bacteria. <i>Nature Protocols</i> , 2022, 17, 252-281.	12.0	28
7	Sequence Elements Upstream of the Core Promoter Are Necessary for Full Transcription of the Capsule Gene Operon in <i>Streptococcus pneumoniae</i> Strain D39. <i>Infection and Immunity</i> , 2015, 83, 1957-1972.	2.2	27
8	Total synthesis and preliminary SAR study of (±)-merochlorins A and B. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 198-205.	2.8	26
9	Structure of a proton-dependent lipid transporter involved in lipoteichoic acids biosynthesis. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 561-569.	8.2	25
10	A Cinchona Alkaloid Antibiotic That Appears To Target ATP Synthase in <i>Streptococcus pneumoniae</i> . <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2305-2332.	6.4	24
11	CcrZ is a pneumococcal spatiotemporal cell cycle regulator that interacts with FtsZ and controls DNA replication by modulating the activity of DnaA. <i>Nature Microbiology</i> , 2021, 6, 1175-1187.	13.3	24
12	The adenosine analog prodrug ATV006 is orally bioavailable and has preclinical efficacy against parental SARS-CoV-2 and variants. <i>Science Translational Medicine</i> , 2022, 14, eabm7621.	12.4	22
13	Prevalence of phase variable epigenetic invertons among host-associated bacteria. <i>Nucleic Acids Research</i> , 2020, 48, 11468-11485.	14.5	20
14	EGFR Target Therapy Combined with Gemox for Advanced Biliary Tract Cancers: a Meta-analysis based on RCTs. <i>Journal of Cancer</i> , 2018, 9, 1476-1485.	2.5	19
15	The Protease Locus of <i>Francisella tularensis</i> LVS Is Required for Stress Tolerance and Infection in the Mammalian Host. <i>Infection and Immunity</i> , 2016, 84, 1387-1402.	2.2	15
16	Functional vulnerability of liver macrophages to capsules defines virulence of blood-borne bacteria. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	13
17	Metatranscriptomic Analysis Reveals the Virome and Viral Genomic Evolution of Medically Important Mites. <i>Journal of Virology</i> , 2021, 95, .	3.4	12
18	Amoxicillin-resistant <i>Streptococcus pneumoniae</i> can be resensitized by targeting the mevalonate pathway as indicated by sCRilecs-seq. <i>ELife</i> , 0, 11, .	6.0	11

#	ARTICLE	IF	CITATIONS
19	The Impact of Accumulated Mutations in SARS-CoV-2 Variants on the qPCR Detection Efficiency. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 823306.	3.9	8
20	A novel phosphorylation site in SARS-CoV-2 nucleocapsid regulates its RNA-binding capacity and phase separation in host cells. <i>Journal of Molecular Cell Biology</i> , 2022, 14, .	3.3	5
21	A Natural Lipotrisaccharide and Its Derivatives Selectively Lyse <i>Streptococcus pneumoniae</i> via Interaction with Cell Membrane. <i>ACS Infectious Diseases</i> , 2017, 3, 438-453.	3.8	4
22	Natural Thermoresponsive Rice Granules as Biocompatible Drug Carriers. <i>ACS Omega</i> , 2019, 4, 7911-7918.	3.5	1