Yang Shen

List of Publications by Year
in descending order

34	2,193	304743	361022
papers	citations	22 h-index	35 g-index

41	41	41	2752
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural basis for recognition of bacterial cell wall teichoic acid by pseudo-symmetric SH3b-like repeats of a viral peptidoglycan hydrolase. Chemical Science, 2021, 12, 576-589.	7.4	11
2	Whole Genome Sequence Analysis of Phage-Resistant Listeria monocytogenes Serotype 1/2a Strains from Turkey Processing Plants. Pathogens, 2021, 10, 199.	2.8	10
3	Beyond antibacterials â€“ exploring bacteriophages as antivirulence agents. Current Opinion in Biotechnology, 2021, 68, 166-173.	6.6	28
4	Glucose Decoration on Wall Teichoic Acid Is Required for Phage Adsorption and InlB-Mediated Virulence in Listeria ivanovii. Journal of Bacteriology, 2021, 203, e0013621.	2.2	2
5	Bacillus subtilis YngB contributes to wall teichoic acid glucosylation and glycolipid formation during anaerobic growth. Journal of Biological Chemistry, 2021, 296, 100384.	3.4	10
6	Light-mediated discovery of surfaceome nanoscale organization and intercellular receptor interaction networks. Nature Communications, 2021, 12, 7036.	12.8	33
7	Engineering of Long-Circulating Peptidoglycan Hydrolases Enables Efficient Treatment of Systemic Staphylococcus aureus Infection. MBio, 2020, 11, .	4.1	17
8	Glycotyping and Specific Separation of Listeria monocytogenes with a Novel Bacteriophage Protein Tool Kit. Applied and Environmental Microbiology, 2020, 86, .	3.1	31
9	GtcA is required for LTA glycosylation in Listeria monocytogenes serovar 1/2a and Bacillus subtilis. Cell Surface, 2020, 6, 100038.	3.0	18
10	Galactosylated wall teichoic acid, but not lipoteichoic acid, retains InlB on the surface of serovar 4b Listeria monocytogenes. Molecular Microbiology, 2020, 113, 638-649.	2.5	17
11	A Proteogenomic Resource Enabling Integrated Analysis of Listeria Genotypeâ€“Proteotypeâ€“Phenotype Relationships. Journal of Proteome Research, 2020, 19, 1647-1662.	3.7	10
12	Structure and function of Listeria teichoic acids and their implications. Molecular Microbiology, 2020, 113, 627-637.	2.5	37
13	Targeting Hidden Pathogens: Cell-Penetrating Enzybiotics Eradicate Intracellular Drug-Resistant Staphylococcus aureus. MBio, 2020, 11, .	4.1	50
14	Mineralizationâ€Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. Angewandte Chemie, 2019, 131, 13684-13689.	2.0	5
15	Mineralizationâ€Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. Angewandte Chemie - International Edition, 2019, 58, 13550-13555.	13.8	27
16	Phage resistance at the cost of virulence: Listeria monocytogenes serovar 4b requires galactosylated teichoic acids for InlB-mediated invasion. PLoS Pathogens, 2019, 15, e1008032.	4.7	78
17	Reprogramming Bacteriophage Host Range through Structure-Guided Design of Chimeric Receptor Binding Proteins. Cell Reports, 2019, 29, 1336-1350.e4.	6.4	135
18	A hybrid sub-lineage of Listeria monocytogenes comprising hypervirulent isolates. Nature Communications, 2019, 10, 4283.	12.8	76

#	Article	IF	Citations
19	Mobile Magnetic Nanocatalysts for Bioorthogonal Targeted Cancer Therapy. Advanced Functional Materials, 2018, 28, 1705920.	14.9	92
20	Polyphenol-Binding Amyloid Fibrils Self-Assemble into Reversible Hydrogels with Antibacterial Activity. ACS Nano, 2018, 12, 3385-3396.	14.6	210
21	Improved Biodistribution and Extended Serum Half-Life of a Bacteriophage Endolysin by Albumin Binding Domain Fusion. Frontiers in Microbiology, 2018, 9, 2927.	3.5	38
22	The absence of N-acetylglucosamine in wall teichoic acids of Listeria monocytogenes modifies biofilm architecture and tolerance to rinsing and cleaning procedures. PLoS ONE, 2018, 13, e0190879.	2.5	25
23	Structural and functional diversity in Listeria cell wall teichoic acids. Journal of Biological Chemistry, 2017, 292, 17832-17844.	3.4	55
24	Genome Sequences of Five Nonvirulent Listeria monocytogenes Serovar 4 Strains. Genome Announcements, 2016, 4, .	0.8	4
25	Triple-acting Lytic Enzyme Treatment of Drug-Resistant and Intracellular Staphylococcus aureus. Scientific Reports, 2016, 6, 25063.	3.3	77
26	Magnetically Driven Silverâ€Coated Nanocoils for Efficient Bacterial Contact Killing. Advanced Functional Materials, 2016, 26, 1063-1069.	14.9	118
27	A bacteriophage endolysin that eliminates intracellular streptococci. ELife, 2016, 5, .	6.0	64
28	Evolutionarily distinct bacteriophage endolysins featuring conserved peptidoglycan cleavage sites protect mice from MRSA infection. Journal of Antimicrobial Chemotherapy, 2015, 70, 1453-1465.	3.0	122
29	Biochemical and biophysical characterization of PlyGRCS, a bacteriophage endolysin active against methicillin-resistant Staphylococcus aureus. Applied Microbiology and Biotechnology, 2015, 99, 741-752.	3.6	66
30	Determining Carbapenemase Activity with ¹⁸O Labeling and Targeted Mass Spectrometry. Analytical Chemistry, 2013, 85, 11014-11019.	6.5	14
31	Rapid degradation of Streptococcus pyogenes biofilms by PlyC, a bacteriophage-encoded endolysin. Journal of Antimicrobial Chemotherapy, 2013, 68, 1818-1824.	3.0	88
32	X-ray crystal structure of the streptococcal specific phage lysin PlyC. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12752-12757.	7.1	80
33	Ratiometric Fluorescence Detection of Pathogenic Bacteria Resistant to Broadâ€Spectrum Î²â€Lactam Antibiotics. Angewandte Chemie - International Edition, 2012, 51, 1865-1868.	13.8	46
34	InlB-Dependent Internalization of Listeria Is Mediated by the Met Receptor Tyrosine Kinase. Cell, 2000, 103, 501-510.	28.9	477