

CITATION REPORT

List of articles citing

Assembling of the Mycobacterium tuberculosis Cell Wall Core

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#	Paper	IF	Citations
42	Impact of LytR-CpsA-Psr Proteins on Cell Wall Biosynthesis in <i>Corynebacterium glutamicum</i> . <i>Journal of Bacteriology</i> , 2016 , 198, 3045-3059	3.5	22
41	Transport of outer membrane lipids in mycobacteria. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 1340-1354	5	19
40	<i>B. Subtilis</i> LytR-CpsA-Psr Enzymes Transfer Wall Teichoic Acids from Authentic Lipid-Linked Substrates to Mature Peptidoglycan In Vitro. <i>Cell Chemical Biology</i> , 2017 , 24, 1537-1546.e4	8.2	17
39	The Cellular Structure of Actinobacteria. 2017 , 5-28		2
38	is protected from NADPH oxidase and LC3-associated phagocytosis by the LCP protein CpsA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8711-E8720 ^{11.5}		93
37	Chemical Genetic Interaction Profiling Reveals Determinants of Intrinsic Antibiotic Resistance in <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	45
36	In vivo virulence of <i>Mycobacterium tuberculosis</i> depends on a single homologue of the LytR-CpsA-Psr proteins. <i>Scientific Reports</i> , 2018 , 8, 3936	4.9	8
35	Microbial Offense vs Host Defense: Who Controls the TB Granuloma?. <i>Veterinary Pathology</i> , 2018 , 55, 14-26	2.8	13
34	Dibasic Derivatives of Phenylcarbamic Acid against Mycobacterial Strains: Old Drugs and New Tricks?. <i>Molecules</i> , 2018 , 23,	4.8	7
33	The Mycobacterial Cell Envelope: A Relict From the Past or the Result of Recent Evolution?. <i>Frontiers in Microbiology</i> , 2018 , 9, 2341	5.7	30
32	<i>Mycobacterium tuberculosis</i> Rv2700 Contributes to Cell Envelope Integrity and Virulence. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	3
31	The MmpL3 interactome reveals a complex crosstalk between cell envelope biosynthesis and cell elongation and division in mycobacteria. <i>Scientific Reports</i> , 2019 , 9, 10728	4.9	19
30	Action of Dicumarol on Glucosamine-1-Phosphate Acetyltransferase of GlmU and. <i>Frontiers in Microbiology</i> , 2019 , 10, 1799	5.7	6
29	Sequential assembly of the septal cell envelope prior to V snapping in <i>Corynebacterium glutamicum</i> . <i>Nature Chemical Biology</i> , 2019 , 15, 221-231	11.7	23
28	Cell Walls and Membranes of Actinobacteria. <i>Sub-Cellular Biochemistry</i> , 2019 , 92, 417-469	5.5	11
27	Cell wall peptidoglycan in <i>Mycobacterium tuberculosis</i> : An Achilles Wheel for the TB-causing pathogen. <i>FEMS Microbiology Reviews</i> , 2019 , 43, 548-575	15.1	63
26	Biomarkers for tuberculosis: the case for lipoarabinomannan. <i>ERJ Open Research</i> , 2019 , 5,	3.5	24

25	Revisiting Anti-tuberculosis Therapeutic Strategies That Target the Peptidoglycan Structure and Synthesis. <i>Frontiers in Microbiology</i> , 2019 , 10, 190	5.7	20
24	Integrated Quantitative Proteomics and Metabolome Profiling Reveal MSMEG_6171 Overexpression Perturbing Lipid Metabolism of Leading to Increased Vancomycin Resistance. <i>Frontiers in Microbiology</i> , 2020 , 11, 1572	5.7	1
23	Cryo-EM Structures and Regulation of Arabinofuranosyltransferase AftD from Mycobacteria. <i>Molecular Cell</i> , 2020 , 78, 683-699.e11	17.6	11
22	Cryo-EM structure of arabinosyltransferase EmbB from Mycobacterium smegmatis. <i>Nature Communications</i> , 2020 , 11, 3396	17.4	9
21	Crystallographic analysis of LcpA, the primary wall teichoic acid ligase. <i>Journal of Biological Chemistry</i> , 2020 , 295, 2629-2639	5.4	11
20	New tuberculosis drug targets, their inhibitors, and potential therapeutic impact. <i>Translational Research</i> , 2020 , 220, 68-97	11	37
19	LytR-CpsA-Psr Glycopolymer Transferases: Essential Bricks in Gram-Positive Bacterial Cell Wall Assembly. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
18	Generation of Liposomes to Study the Effect of Lipids on HIV-1 - and -Infections. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	0
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16	Sensing of mycobacterial arabinogalactan by galectin-9 exacerbates mycobacterial infection. <i>EMBO Reports</i> , 2021 , 22, e51678	6.5	2
15	Glycoconjugates, hypothetical proteins, and post-translational modification: Importance in host-pathogen interaction and antitubercular intervention development. <i>Chemical Biology and Drug Design</i> , 2021 , 98, 30-48	2.9	
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13	The genetic requirements of fatty acid import by within macrophages. <i>ELife</i> , 2019 , 8,	8.9	27
12	Natural Products & Bioactivity Inspired Synthetic Pursuits Interfacing with Carbohydrates: Ongoing Journey with C-Glycosides. <i>Chemical Record</i> , 2021 , 21, 3131-3177	6.6	0
11	IMB-XMA0038, a new inhibitor targeting aspartate-semialdehyde dehydrogenase of. <i>Emerging Microbes and Infections</i> , 2021 , 10, 2291-2299	18.9	1
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2 Synthesis and Testing of Analogs of the Tuberculosis Drug Candidate SQ109 against Bacteria and Protozoa: Identification of Lead Compounds against Mycobacterium abscessus and Malaria Parasites. 2023, 9, 342-364 ○

1 Naturally occurring Dinactin targets cpsA of LytR-Cps2A-Psr family protein as well as kills Mycobacterium tuberculosis by disrupting proton motive force. ○