

Function and Biogenesis of Lipopolysaccharides

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Combining Mutations That Inhibit Two Distinct Steps of the ATP Hydrolysis Cycle Restores Wild-Type Function in the Lipopolysaccharide Transporter and Shows that ATP Binding Triggers Transport. <i>MBio</i> , 2019, 10, .	1.8	17
2	Bacterial outer membrane vesicles engineered with lipidated antigens as a platform for <i>Staphylococcus aureus</i> vaccine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21780-21788.	3.3	66
3	Countering Gram-Negative Antibiotic Resistance: Recent Progress in Disrupting the Outer Membrane with Novel Therapeutics. <i>Antibiotics</i> , 2019, 8, 163.	1.5	60
4	Bacterial and Archaeal Cell Membranes. , 2019, , 333-333.		1
5	Posttranscription Initiation Control of Gene Expression Mediated by Bacterial RNA-Binding Proteins. <i>Annual Review of Microbiology</i> , 2019, 73, 43-67.	2.9	53
6	<i>Salmonella enterica</i> Serovar Typhimurium Uses PbgA/YejM To Regulate Lipopolysaccharide Assembly during Bacteremia. <i>Infection and Immunity</i> , 2019, 88, .	1.0	35
7	Intricate Crosstalk Between Lipopolysaccharide, Phospholipid and Fatty Acid Metabolism in <i>Escherichia coli</i> Modulates Proteolysis of LpxC. <i>Frontiers in Microbiology</i> , 2018, 9, 3285.	1.5	35
8	Functional characterization of asnC family transcriptional regulator in <i>Pseudomonas aeruginosa</i> PGPR2 during root colonization. <i>Molecular Biology Reports</i> , 2020, 47, 7941-7957.	1.0	2
9	Macrophage-Derived IL-1 β Regulates Emergency Myelopoiesis via the NF- κ B and C/ebp β in Zebrafish. <i>Journal of Immunology</i> , 2020, 205, 2694-2706.	0.4	9
10	The Best Peptidomimetic Strategies to Undercover Antibacterial Peptides. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7349.	1.8	24
11	High-throughput mapping of the phage resistance landscape in <i>E. coli</i> . <i>PLoS Biology</i> , 2020, 18, e3000877.	2.6	91
12	Recent Advances in Zinc Oxide Nanostructures with Antimicrobial Activities. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8836.	1.8	52
13	Molecular insights into the ecology of a psychrotolerant <i>Pseudomonas syringae</i> . <i>Environmental Microbiology</i> , 2021, 23, 3665-3681.	1.8	15
14	Polymicrobial Biofilm Interaction Between <i>Histophilus somni</i> and <i>Pasteurella multocida</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1561.	1.5	8
15	Antimicrobial O-Alkyl Derivatives of Naringenin and Their Oximes Against Multidrug-Resistant Bacteria. <i>Molecules</i> , 2020, 25, 3642.	1.7	18
16	Management of <i>E. Coli</i> Sepsis. , 2020, , .		2
17	Bacterial Vivisection: How Fluorescence-Based Imaging Techniques Shed a Light on the Inner Workings of Bacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2020, 84, .	2.9	17
18	Microbiota-Derived Metabolites in Tumor Progression and Metastasis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5786.	1.8	75

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19	Restoring Balance to the Outer Membrane: YejM's Role in LPS Regulation. <i>MBio</i> , 2020, 11, .	1.8	10
20	Conformational transition of <i>Acinetobacter baumannii</i> KdsC enzyme and the role of magnesium in binding: An insight from comparative molecular dynamics simulation and its implications in novel antibiotics design. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 99, 107625.	1.3	1
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28	Jumbo Phages: A Comparative Genomic Overview of Core Functions and Adaptions for Biological Conflicts. <i>Viruses</i> , 2021, 13, 63.	1.5	54
29	Ruminal Lipopolysaccharides Analysis: Uncharted Waters with Promising Signs. <i>Animals</i> , 2021, 11, 195.	1.0	8
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35	Advances in Understanding of the Copper Homeostasis in <i>Pseudomonas aeruginosa</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 2050.	1.8	14
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37	Deciphering bacterial mechanisms of root colonization. Environmental Microbiology Reports, 2021, 13, 428-444.	1.0	75
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52	Serratia marcescens RamA Expression Is under PhoP-Dependent Control and Modulates Lipid A-Related Gene Transcription and Antibiotic Resistance Phenotypes. Journal of Bacteriology, 2021, 203, e0052320.	1.0	2
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