

Christopher F Schuster

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

843
citations

623734

14
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-deep long-read sequencing detects IS-mediated gene duplications as a potential trigger to generate arrays of resistance genes and a mechanism to induce novel gene variants such as <i>bla</i> CTX-M-243. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 381-390.	3.0	10
2	Status quo of <i>tet</i> regulation in bacteria. <i>Microbial Biotechnology</i> , 2022, 15, 1101-1119.	4.2	16
3	Recurrent bacteremia with a hypermucoviscous <i>Escherichia coli</i> isolated from a patient with perihilar cholangiocarcinoma: insights from a comprehensive genome-based analysis. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2022, 21, .	3.8	5
4	Mutations in the <i>gdpP</i> gene are a clinically relevant mechanism for β -lactam resistance in methicillin-resistant <i>Staphylococcus aureus</i> lacking <i>mec</i> determinants. <i>Microbial Genomics</i> , 2021, 7, .	2.0	21
5	Complete Genome Sequences of Two <i>Nosocomiicoccus ampullae</i> Strains and a Growth-Adapted Mutant. <i>Microbiology Resource Announcements</i> , 2021, 10, e0074721.	0.6	1
6	High-throughput transposon sequencing highlights the cell wall as an important barrier for osmotic stress in methicillin resistant <i>Staphylococcus aureus</i> and underlines a tailored response to different osmotic stressors. <i>Molecular Microbiology</i> , 2020, 113, 699-717.	2.5	34
7	Identification of the main glutamine and glutamate transporters in <i>Staphylococcus aureus</i> and their impact on c-di-AMP production. <i>Molecular Microbiology</i> , 2020, 113, 1085-1100.	2.5	27
8	Inactivation of the Monofunctional Peptidoglycan Glycosyltransferase SgtB Allows <i>Staphylococcus aureus</i> To Survive in the Absence of Lipoteichoic Acid. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	30
9	Use of the counter selectable marker PheS* for genome engineering in <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2019, 165, 572-584.	1.8	24
10	Cyclic di-adenosine monophosphate (c-di-AMP) is required for osmotic regulation in <i>Staphylococcus aureus</i> but dispensable for viability in anaerobic conditions. <i>Journal of Biological Chemistry</i> , 2018, 293, 3180-3200.	3.4	84
11	Toxin-Antitoxin Systems of <i>Staphylococcus aureus</i> . <i>Toxins</i> , 2016, 8, 140.	3.4	63
12	New Insights into the Cyclic Di-adenosine Monophosphate (c-di-AMP) Degradation Pathway and the Requirement of the Cyclic Dinucleotide for Acid Stress Resistance in <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 26970-26986.	3.4	87
13	The second messenger c-di-AMP inhibits the osmolyte uptake system OpuC in <i>Staphylococcus aureus</i> . <i>Science Signaling</i> , 2016, 9, ra81.	3.6	87
14	The MazEF Toxin-Antitoxin System Alters the β -Lactam Susceptibility of <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2015, 10, e0126118.	2.5	39
15	Post-transcriptional regulation of gene expression in bacterial pathogens by toxin-antitoxin systems. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 6.	3.9	30
16	Fluorescence Based Primer Extension Technique to Determine Transcriptional Starting Points and Cleavage Sites of RNases <i>In Vivo</i> . <i>Journal of Visualized Experiments</i> , 2014, , e52134.	0.3	22
17	Two paralogous <i>yefM-yoeB</i> loci from <i>Staphylococcus equorum</i> encode functional toxin-antitoxin systems. <i>Microbiology (United Kingdom)</i> , 2013, 159, 1575-1585.	1.8	26
18	Toxin-antitoxin systems are ubiquitous and versatile modulators of prokaryotic cell fate. <i>FEMS Microbiology Letters</i> , 2013, 340, 73-85.	1.8	200

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19	Characterization of a <i>mazEF</i> Toxin-Antitoxin Homologue from <i>Staphylococcus equorum</i> . Journal of Bacteriology, 2013, 195, 115-125.	2.2	33