

Cara C Boutte

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,436
citations

687363

13
h-index

940533

16
g-index

27
all docs

27
docs citations

27
times ranked

2146
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Essentiality Analysis of the <i>Mycobacterium tuberculosis</i> Genome via Saturating Transposon Mutagenesis. <i>MBio</i> , 2017, 8, .	4.1	496
2	Bacterial lifestyle shapes stringent response activation. <i>Trends in Microbiology</i> , 2013, 21, 174-180.	7.7	210
3	The mycobacterial cell envelope "a moving target. <i>Nature Reviews Microbiology</i> , 2020, 18, 47-59.	28.6	209
4	Phosphorylation of the Peptidoglycan Synthase PonA1 Governs the Rate of Polar Elongation in Mycobacteria. <i>PLoS Pathogens</i> , 2015, 11, e1005010.	4.7	100
5	ppGpp and Polyphosphate Modulate Cell Cycle Progression in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 2012, 194, 28-35.	2.2	84
6	A cytoplasmic peptidoglycan amidase homologue controls mycobacterial cell wall synthesis. <i>ELife</i> , 2016, 5, .	6.0	82
7	The complex logic of stringent response regulation in <i>Caulobacter crescentus</i> : starvation signalling in an oligotrophic environment. <i>Molecular Microbiology</i> , 2011, 80, 695-714.	2.5	79
8	Characterization of Conserved and Novel Septal Factors in <i>Mycobacterium smegmatis</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	42
9	<i>Mycobacterium abscessus</i> Cells Have Altered Antibiotic Tolerance and Surface Glycolipids in Artificial Cystic Fibrosis Sputum Medium. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	28
10	Genetic and Computational Identification of a Conserved Bacterial Metabolic Module. <i>PLoS Genetics</i> , 2008, 4, e1000310.	3.5	26
11	Bacterial acidity-triggered antimicrobial activity of self-assembling peptide nanofibers. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2915-2919.	5.8	22
12	Septal Class A Penicillin-Binding Protein Activity and <i>ld</i> -Transpeptidases Mediate Selection of Colistin-Resistant Lipooligosaccharide-Deficient <i>Acinetobacter baumannii</i> . <i>MBio</i> , 2021, 12, .	4.1	17
13	<i>Mycobacterium smegmatis</i> HtrA Blocks the Toxic Activity of a Putative Cell Wall Amidase. <i>Cell Reports</i> , 2019, 27, 2468-2479.e3.	6.4	16
14	Peptidoglycan Recycling Promotes Outer Membrane Integrity and Carbapenem Tolerance in <i>Acinetobacter baumannii</i> . <i>MBio</i> , 2022, 13, .	4.1	8
15	Phosphorylation on PstP Regulates Cell Wall Metabolism and Antibiotic Tolerance in <i>Mycobacterium smegmatis</i> . <i>Journal of Bacteriology</i> , 2021, 203, .	2.2	6
16	Mycobacterial serine/threonine phosphatase <i>PstP</i> is phosphoregulated and localized to mediate control of cell wall metabolism. <i>Molecular Microbiology</i> , 2022, 118, 47-60.	2.5	5
17	In <i>Mycobacterium abscessus</i> , the Stringent Factor Rel Regulates Metabolism but Is Not the Only (p)ppGpp Synthase. <i>Journal of Bacteriology</i> , 2022, 204, JB0043421.	2.2	1
18	Localized Production of Cell Wall Precursors May Be Critical for Regulating the Mycobacterial Cell Wall. <i>Journal of Bacteriology</i> , 2022, , e0012522.	2.2	0