

Kathryn Beabout

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

436
citations

1040056

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h-index

1199594

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15
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docs citations

15
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Daptomycin Resistance in <i>Enterococcus faecium</i> Can Be Delayed by Disruption of the LiaFSR Stress Response Pathway. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	10
2	Impact of Porous Matrices and Concentration by Lyophilization on Cell-Free Expression. <i>ACS Synthetic Biology</i> , 2021, 10, 1116-1131.	3.8	10
3	Optimization of Heavy Metal Sensors Based on Transcription Factors and Cell-Free Expression Systems. <i>ACS Synthetic Biology</i> , 2021, 10, 3040-3054.	3.8	16
4	Quantification of Interlaboratory Cell-Free Protein Synthesis Variability. <i>ACS Synthetic Biology</i> , 2019, 8, 2080-2091.	3.8	59
5	The Essential Role of Hypermutation in Rapid Adaptation to Antibiotic Stress. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	39
6	Asymmetric Alkylation of Anthrones, Enantioselective Total Synthesis of (âˆ“) and (+)-Viridicatumtoxins B and Analogues Thereof: Absolute Configuration and Potent Antibacterial Agents. <i>Journal of the American Chemical Society</i> , 2017, 139, 3736-3746.	13.7	32
7	Experimental Evolution of Diverse Strains as a Method for the Determination of Biochemical Mechanisms of Action for Novel Pyrrolizidinone Antibiotics. <i>ACS Infectious Diseases</i> , 2017, 3, 854-865.	3.8	6
8	Enantioselective Total Synthesis of Antibiotic CJ-16,264, Synthesis and Biological Evaluation of Designed Analogues, and Discovery of Highly Potent and Simpler Antibacterial Agents. <i>Journal of the American Chemical Society</i> , 2017, 139, 15868-15877.	13.7	19
9	<i>Acinetobacter baumannii</i> Repeatedly Evolves a Hypermutator Phenotype in Response to Tigecycline That Effectively Surveys Evolutionary Trajectories to Resistance. <i>PLoS ONE</i> , 2015, 10, e0140489.	2.5	59
10	Rampant Parasexuality Evolves in a Hospital Pathogen during Antibiotic Selection. <i>Molecular Biology and Evolution</i> , 2015, 32, 2585-2597.	8.9	31
11	The Ribosomal S10 Protein Is a General Target for Decreased Tigecycline Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5561-5566.	3.2	106
12	Total Synthesis of Viridicatumtoxin B and Analogues Thereof: Strategy Evolution, Structural Revision, and Biological Evaluation. <i>Journal of the American Chemical Society</i> , 2014, 136, 12137-12160.	13.7	48