

Christopher Fröhlich

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	OXA-48-Mediated Ceftazidime-Avibactam Resistance Is Associated with Evolutionary Trade-Offs. <i>MSphere</i> , 2019, 4, .	2.9	63
2	Synthesis and Preclinical Evaluation of TPA-Based Zinc Chelators as Metallo- β -lactamase Inhibitors. <i>ACS Infectious Diseases</i> , 2018, 4, 1407-1422.	3.8	35
3	Evolution of β -lactamase-mediated cefiderocol resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 2429-2436.	3.0	27
4	ZN148 Is a Modular Synthetic Metallo- β -Lactamase Inhibitor That Reverses Carbapenem Resistance in Gram-Negative Pathogens <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	22
5	Evolution of β -lactamases and enzyme promiscuity. <i>Protein Engineering, Design and Selection</i> , 2021, 34, .	2.1	20
6	Cryptic β -Lactamase Evolution Is Driven by Low β -Lactam Concentrations. <i>MSphere</i> , 2021, 6, .	2.9	19
7	Synthesis and biological evaluation of zinc chelating compounds as metallo- β -lactamase inhibitors. <i>MedChemComm</i> , 2019, 10, 528-537.	3.4	13
8	Synthesis and biological evaluation of new dipicolylamine zinc chelators as metallo- β -lactamase inhibitors. <i>Tetrahedron</i> , 2019, 75, 1525-1540.	1.9	10
9	Structural studies of triazole inhibitors with promising inhibitor effects against antibiotic resistance metallo- β -lactamases. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115598.	3.0	10
10	Structural and biochemical characterization of the environmental MBLs MYO-1, ECV-1 and SHD-1. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2554-2563.	3.0	8