Kirsten J Meyer

List of Publications by Year
in descending order

14 papers	718 citations	1040056 9 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1278 citing authors

#	Article	IF	Citations
1	Targeting fungal membrane homeostasis with imidazopyrazoindoles impairs azole resistance and biofilm formation. Nature Communications, 2022, 13, .	12.8	21
2	Predicting antimicrobial mechanism-of-action from transcriptomes: A generalizable explainable artificial intelligence approach. PLoS Computational Biology, 2021, 17, e1008857.	3.2	16
3	Biology and applications of co-produced, synergistic antimicrobials from environmental bacteria. Nature Microbiology, 2021, 6, 1118-1128.	13.3	11
4	Cytosolic and Mitochondrial Hsp90 in Cytokinesis, Mitochondrial DNA Replication, and Drug Action in Trypanosoma brucei. Antimicrobial Agents and Chemotherapy, 2021, 65, e0063221.	3.2	5
5	Pulse Dosing of Antibiotic Enhances Killing of a Staphylococcus aureus Biofilm. Frontiers in Microbiology, 2020, 11, 596227.	3.5	10
6	Mechanism-of-Action Classification of Antibiotics by Global Transcriptome Profiling. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	56
7	Gram-scale total synthesis of teixobactin promoting binding mode study and discovery of more potent antibiotics. Nature Communications, 2019, 10, 3268.	12.8	32
8	Optimal kinetic exposures for classic and candidate antitrypanosomals. Journal of Antimicrobial Chemotherapy, 2019, 74, 2303-2310.	3.0	8
9	A new antibiotic selectively kills Gram-negative pathogens. Nature, 2019, 576, 459-464.	27.8	456
10	Developing Equipotent Teixobactin Analogues against Drug-Resistant Bacteria and Discovering a Hydrophobic Interaction between Lipid II and Teixobactin. Journal of Medicinal Chemistry, 2018, 61, 3409-3421.	6.4	35
11	Model System Identifies Kinetic Driver of Hsp90 Inhibitor Activity against African Trypanosomes and Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	10
12	Potent Antitrypanosomal Activities of Heat Shock Protein 90 Inhibitors In Vitro and In Vivo. Journal of Infectious Diseases, 2013, 208, 489-499.	4.0	29
13	Analogs of Nâ€²-hydroxy-N-(4H,5H-naphtho[1,2-d]thiazol-2-yl)methanimidamide inhibit Mycobacterium tuberculosis methionine aminopeptidases. Bioorganic and Medicinal Chemistry, 2012, 20, 4507-4513.	3.0	7
14	Mitochondrial Genome-Knockout Cells Demonstrate a Dual Mechanism of Action for the Electron Transport Complex I Inhibitor Mycothiazole. Marine Drugs, 2012, 10, 900-917.	4.6	13