

Kirsten J Meyer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2149278/publications.pdf>

Version: 2024-02-01

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