

# Kirsten J Meyer

## List of Publications by Year in descending order

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14  
papers

718  
citations

1039406

9  
h-index

996533

15  
g-index

15  
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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. <i>Nature Communications</i> , 2022, 13, .	5.8	21
2	Predicting antimicrobial mechanism-of-action from transcriptomes: A generalizable explainable artificial intelligence approach. <i>PLoS Computational Biology</i> , 2021, 17, e1008857.	1.5	16
3	Biology and applications of co-produced, synergistic antimicrobials from environmental bacteria. <i>Nature Microbiology</i> , 2021, 6, 1118-1128.	5.9	11
4	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.	1.4	5
5	Pulse Dosing of Antibiotic Enhances Killing of a <i>Staphylococcus aureus</i> Biofilm. <i>Frontiers in Microbiology</i> , 2020, 11, 596227.	1.5	10
6	Mechanism-of-Action Classification of Antibiotics by Global Transcriptome Profiling. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	56
7	Gram-scale total synthesis of teixobactin promoting binding mode study and discovery of more potent antibiotics. <i>Nature Communications</i> , 2019, 10, 3268.	5.8	32
8	Optimal kinetic exposures for classic and candidate antitrypanosomals. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2303-2310.	1.3	8
9	A new antibiotic selectively kills Gram-negative pathogens. <i>Nature</i> , 2019, 576, 459-464.	13.7	456
10	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.	2.9	35
11	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, .	1.4	10
12	Potent Antitrypanosomal Activities of Heat Shock Protein 90 Inhibitors In Vitro and In Vivo. <i>Journal of Infectious Diseases</i> , 2013, 208, 489-499.	1.9	29
13	Analogues of $\epsilon$ -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.	1.4	7
14	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.	2.2	13