

Bree B Aldridge

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,632
citations

304743

22
h-index

330143

37
g-index

46
all docs

46
docs citations

46
times ranked

4765
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of cell wall synthesis inhibitors active against <i>Mycobacterium tuberculosis</i> by competitive activity-based protein profiling. <i>Cell Chemical Biology</i> , 2022, 29, 883-896.e5.	5.2	20
2	Types and functions of heterogeneity in mycobacteria. <i>Nature Reviews Microbiology</i> , 2022, 20, 529-541.	28.6	19
3	Localization of EccA3 at the growing pole in <i>Mycobacterium smegmatis</i> . <i>BMC Microbiology</i> , 2022, 22, 140.	3.3	1
4	The Tuberculosis Drug Accelerator at year 10: what have we learned?. <i>Nature Medicine</i> , 2021, 27, 1333-1337.	30.7	32
5	Systematic measurement of combination-drug landscapes to predict in vivo treatment outcomes for tuberculosis. <i>Cell Systems</i> , 2021, 12, 1046-1063.e7.	6.2	31
6	Pharmacokinetics and Target Attainment of SQ109 in Plasma and Human-Like Tuberculosis Lesions in Rabbits. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0002421.	3.2	12
7	Efficient Measurement of Drug Interactions with DiaMOND (Diagonal Measurement of N-Way Drug) Tj ETQq1 1 0.784314 rgBT /Over 0,9 10		
8	Leveraging laboratory and clinical studies to design effective antibiotic combination therapy. <i>Current Opinion in Microbiology</i> , 2021, 64, 68-75.	5.1	7
9	Setting Our Sights on Infectious Diseases. <i>ACS Infectious Diseases</i> , 2020, 6, 3-13.	3.8	17
10	Morphological profiling of tubercle bacilli identifies drug pathways of action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18744-18753.	7.1	27
11	Multiscale Model Identifies Improved Schedule for Treatment of Acute Myeloid Leukemia In Vitro With the Mcl-1 Inhibitor AZD5991. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2020, 9, 561-570.	2.5	1
12	Targeting drugs for tuberculosis. <i>Science</i> , 2019, 364, 1234-1235.	12.6	7
13	Prediction of ultra-high-order antibiotic combinations based on pairwise interactions. <i>PLoS Computational Biology</i> , 2019, 15, e1006774.	3.2	49
14	Definitions and guidelines for research on antibiotic persistence. <i>Nature Reviews Microbiology</i> , 2019, 17, 441-448.	28.6	748
15	Transcriptomic Signatures Predict Regulators of Drug Synergy and Clinical Regimen Efficacy against Tuberculosis. <i>MBio</i> , 2019, 10, .	4.1	37
16	Accelerating Early Antituberculosis Drug Discovery by Creating Mycobacterial Indicator Strains That Predict Mode of Action. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	15
17	Stress-Induced Reorganization of the Mycobacterial Membrane Domain. <i>MBio</i> , 2018, 9, .	4.1	50
18	Engineered cell and tissue models of pulmonary fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 78-94.	13.7	108

#	ARTICLE	IF	CITATIONS
19	Stable Regulation of Cell Cycle Events in Mycobacteria: Insights From Inherently Heterogeneous Bacterial Populations. <i>Frontiers in Microbiology</i> , 2018, 9, 514.	3.5	26
20	A Parallel Adder Coordinates Mycobacterial Cell-Cycle Progression and Cell-Size Homeostasis in the Context of Asymmetric Growth and Organization. <i>Current Biology</i> , 2017, 27, 3367-3374.e7.	3.9	62
21	Efficient measurement and factorization of high-order drug interactions in <i>Mycobacterium tuberculosis</i> . <i>Science Advances</i> , 2017, 3, e1701881.	10.3	107
22	Influence of Stress and Antibiotic Resistance on Cell-Length Distribution in Mycobacterium tuberculosis Clinical Isolates. <i>Frontiers in Microbiology</i> , 2017, 8, 2296.	3.5	49
23	Rv0004 is a new essential member of the mycobacterial DNA replication machinery. <i>PLoS Genetics</i> , 2017, 13, e1007115.	3.5	21
24	Spatially distinct and metabolically active membrane domain in mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5400-5405.	7.1	78
25	Temporal and intrinsic factors of rifampicin tolerance in mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8302-8307.	7.1	44
26	Exploitation of Mycobacterium tuberculosis Reporter Strains to Probe the Impact of Vaccination at Sites of Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004394.	4.7	78
27	Microbial metabolomics: innovation, application, insight. <i>Current Opinion in Microbiology</i> , 2014, 19, 90-96.	5.1	65
28	The Spectrum of Drug Susceptibility in Mycobacteria. <i>Microbiology Spectrum</i> , 2014, 2, .	3.0	24
29	Protein Complexes and Proteolytic Activation of the Cell Wall Hydrolase RipA Regulate Septal Resolution in Mycobacteria. <i>PLoS Pathogens</i> , 2013, 9, e1003197.	4.7	49
30	Asymmetry and Aging of Mycobacterial Cells Lead to Variable Growth and Antibiotic Susceptibility. <i>Science</i> , 2012, 335, 100-104.	12.6	411
31	Polar assembly and scaffolding proteins of the virulence-associated ESX-1 secretory apparatus in mycobacteria. <i>Molecular Microbiology</i> , 2012, 83, 654-664.	2.5	26
32	Lyapunov exponents and phase diagrams reveal multifactorial control over TRAIL-induced apoptosis. <i>Molecular Systems Biology</i> , 2011, 7, 553.	7.2	62
33	Fuzzy Logic Analysis of Kinase Pathway Crosstalk in TNF/EGF/Insulin-Induced Signaling. <i>PLoS Computational Biology</i> , 2009, 5, e1000340.	3.2	145
34	Quantitative Analysis of Pathways Controlling Extrinsic Apoptosis in Single Cells. <i>Molecular Cell</i> , 2008, 30, 11-25.	9.7	357
35	Physicochemical modelling of cell signalling pathways. <i>Nature Cell Biology</i> , 2006, 8, 1195-1203.	10.3	558
36	Misorientation and reduced stretching of aligned sister kinetochores promote chromosome missegregation in EB1- or APC-depleted cells. <i>EMBO Journal</i> , 2006, 25, 2814-2827.	7.8	150

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37	The Spectrum of Drug Susceptibility in Mycobacteria. , 0, , 709-725.		0