

Curtis A Engelhart

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

625
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide gene expression tuning reveals diverse vulnerabilities of <i>M. tuberculosis</i> . <i>Cell</i> , 2021, 184, 4579-4592.e24.	28.9	131
2	Plasticity of the <i>Mycobacterium tuberculosis</i> respiratory chain and its impact on tuberculosis drug development. <i>Nature Communications</i> , 2019, 10, 4970.	12.8	82
3	Chemical Genetic Interaction Profiling Reveals Determinants of Intrinsic Antibiotic Resistance in <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	70
4	CRISPRi chemical genetics and comparative genomics identify genes mediating drug potency in <i>Mycobacterium tuberculosis</i> . <i>Nature Microbiology</i> , 2022, 7, 766-779.	13.3	68
5	Opposing reactions in coenzyme A metabolism sensitize <i>Mycobacterium tuberculosis</i> to enzyme inhibition. <i>Science</i> , 2019, 363, .	12.6	53
6	Dual inhibition of the terminal oxidases eradicates antibiotic-tolerant <i>Mycobacterium tuberculosis</i> . <i>EMBO Molecular Medicine</i> , 2021, 13, e13207.	6.9	47
7	Discovery and Structure-Activity-Relationship Study of <i>N</i> -Alkyl-5-hydroxypyrimidinone Carboxamides as Novel Antitubercular Agents Targeting Decaprenylphosphoryl- β -D-Ribose 2-Oxidase. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9952-9965.	6.4	29
8	Targeting protein biotinylation enhances tuberculosis chemotherapy. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	24
9	Investigation of (<i>S</i>)- β -Acidomycin: A Selective Antimycobacterial Natural Product That Inhibits Biotin Synthase. <i>ACS Infectious Diseases</i> , 2019, 5, 598-617.	3.8	22
10	Spirocycle MmpL3 Inhibitors with Improved hERG and Cytotoxicity Profiles as Inhibitors of <i>Mycobacterium tuberculosis</i> Growth. <i>ACS Omega</i> , 2021, 6, 2284-2311.	3.5	19
11	Spiropyrimidinetrione DNA Gyrase Inhibitors with Potent and Selective Antituberculosis Activity. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 6903-6925.	6.4	16
12	Optimization of TAM16, a Benzofuran That Inhibits the Thioesterase Activity of Pks13; Evaluation toward a Preclinical Candidate for a Novel Antituberculosis Clinical Target. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 409-423.	6.4	15
13	Avoiding Antibiotic Inactivation in <i>Mycobacterium tuberculosis</i> by Rv3406 through Strategic Nucleoside Modification. <i>ACS Infectious Diseases</i> , 2018, 4, 1102-1113.	3.8	14
14	Two-Way Regulation of MmpL3 Expression Identifies and Validates Inhibitors of MmpL3 Function in <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 141-152.	3.8	13
15	Antitubercular 2-Pyrazolylpyrimidinones: Structure-Activity Relationship and Mode-of-Action Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 719-740.	6.4	9
16	Rediscovery of PF-3845 as a new chemical scaffold inhibiting phenylalanyl-tRNA synthetase in <i>Mycobacterium tuberculosis</i> . <i>Journal of Biological Chemistry</i> , 2021, 296, 100257.	3.4	9
17	Re-discovery of PF-3845 as a new chemical scaffold inhibiting phenylalanyl-tRNA synthetase in. <i>Journal of Biological Chemistry</i> , 2021, , .	3.4	0
18	Two-way regulation of protein expression for identification and validation of on-target inhibitors of <i>Mycobacterium tuberculosis</i> . <i>FASEB Journal</i> , 2022, 36, .	0.5	0