

Turning the respiratory flexibility of *Mycobacterium tu*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Enhanced respiration prevents drug tolerance and drug resistance in <i>Mycobacterium tuberculosis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4495-4500.	7.1	157
2	Targeting Energy Metabolism in <i>Mycobacterium tuberculosis</i> , a New Paradigm in Antimycobacterial Drug Discovery. MBio, 2017, 8, .	4.1	157
3	Efficient measurement and factorization of high-order drug interactions in <i>Mycobacterium tuberculosis</i> . Science Advances, 2017, 3, e1701881.	10.3	107
4	Improved Phenoxyalkylbenzimidazoles with Activity against <i>Mycobacterium tuberculosis</i> Appear to Target QcrB. ACS Infectious Diseases, 2017, 3, 898-916.	3.8	54
5	Antibiotic efficacy " context matters. Current Opinion in Microbiology, 2017, 39, 73-80.	5.1	71
6	A fluorescence-based reporter for monitoring expression of mycobacterial cytochrome bd in response to antibacterials and during infection. Scientific Reports, 2017, 7, 10665.	3.3	18
7	Chemical Modification and Detoxification of the <i>Pseudomonas aeruginosa</i> Toxin 2-Heptyl-4-hydroxyquinoline N-Oxide by Environmental and Pathogenic Bacteria. ACS Chemical Biology, 2017, 12, 2305-2312.	3.4	29
8	Susceptibility of <i>Mycobacterium tuberculosis</i> Cytochrome bd Oxidase Mutants to Compounds Targeting the Terminal Respiratory Oxidase, Cytochrome c. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	49
9	Allosteric pyruvate kinase-based "ologic gate" synergistically senses energy and sugar levels in <i>Mycobacterium tuberculosis</i> . Nature Communications, 2017, 8, 1986.	12.8	49
10	Exploiting the synthetic lethality between terminal respiratory oxidases to kill <i>Mycobacterium tuberculosis</i> and clear host infection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7426-7431.	7.1	141
11	Enabling faster Go/No-Go decisions through secondary screens in anti-mycobacterial drug discovery. Tuberculosis, 2017, 106, 44-52.	1.9	3
12	Mechanisms of action and therapeutic efficacies of the lipophilic antimycobacterial agents clofazimine and bedaquiline. Journal of Antimicrobial Chemotherapy, 2017, 72, 338-353.	3.0	103
13	Efficacy of β -lactam/ β -lactamase inhibitor combination is linked to WhiB4-mediated changes in redox physiology of <i>Mycobacterium tuberculosis</i> . ELife, 2017, 6, .	6.0	50
14	2-Mercapto-Quinazolinones as Inhibitors of Type II NADH Dehydrogenase and <i>Mycobacterium tuberculosis</i> : Structure-Activity Relationships, Mechanism of Action and Absorption, Distribution, Metabolism, and Excretion Characterization. ACS Infectious Diseases, 2018, 4, 954-969.	3.8	49
15	The anti-mycobacterial activity of the cytochrome bcc inhibitor Q203 can be enhanced by small-molecule inhibition of cytochrome bd. Scientific Reports, 2018, 8, 2625.	3.3	56
16	Verapamil Increases the Bioavailability and Efficacy of Bedaquiline but Not Clofazimine in a Murine Model of Tuberculosis. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	35
17	Mycobacterial Membrane Proteins QcrB and AtpE: Roles in Energetics, Antibiotic Targets, and Associated Mechanisms of Resistance. Journal of Membrane Biology, 2018, 251, 105-117.	2.1	13
18	Combinations of Respiratory Chain Inhibitors Have Enhanced Bactericidal Activity against <i>Mycobacterium tuberculosis</i> . Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	31

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20	Accessible and distinct decoquinolate derivatives active against Mycobacterium tuberculosis and apicomplexan parasites. Communications Chemistry, 2018, 1, .	4.5	30
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39	Plasticity of the Mycobacterium tuberculosis respiratory chain and its impact on tuberculosis drug development. Nature Communications, 2019, 10, 4970.	12.8	82
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43	Carbon metabolism modulates the efficacy of drugs targeting the cytochrome bc1:aa3 in Mycobacterium tuberculosis. Scientific Reports, 2019, 9, 8608.	3.3	26
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157	Bedaquiline resistance pattern in clofazimine-resistant clinical isolates of tuberculosis patients. <i>Journal of Global Antimicrobial Resistance</i> , 2023, 33, 294-300.	2.2	1
158	Inhibiting respiration as a novel antibiotic strategy. <i>Current Opinion in Microbiology</i> , 2023, 74, 102327.	5.1	0

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160	Biosensor-integrated transposon mutagenesis reveals rv0158 as a coordinator of redox homeostasis in <i>Mycobacterium tuberculosis</i> . <i>ELife</i> , 0, 12, .	6.0	0
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170	A dual-targeting succinate dehydrogenase and F1Fo-ATP synthase inhibitor rapidly sterilizes replicating and non-replicating <i>Mycobacterium tuberculosis</i> . <i>Cell Chemical Biology</i> , 2023, , .	5.2	0
172	Cytochrome <i>bd</i> oxidase: an emerging anti-tubercular drug target. <i>RSC Medicinal Chemistry</i> , 2024, 15, 769-787.	3.9	1
173	Inducing vulnerability to InhA inhibition restores isoniazid susceptibility in drug-resistant <i>Mycobacterium tuberculosis</i> . <i>MBio</i> , 2024, 15, .	4.1	0
174	A high-throughput target-based screening approach for the identification and assessment of <i>Mycobacterium tuberculosis</i> mycothione reductase inhibitors. <i>Microbiology Spectrum</i> , 2024, 12, .	3.0	0