Thomas Dick

List of Publications by Year
in descending order

167 papers	9,145 citations	44069 48 h-index	49909 87 g-index
177 all docs	177 docs citations	177 times ranked	8154 citing authors

#	Article	IF	Citations
1	The spectrum of latent tuberculosis: rethinking the biology and intervention strategies. Nature Reviews Microbiology, 2009, 7, 845-855.	28.6	1,179
2	The protonmotive force is required for maintaining ATP homeostasis and viability of hypoxic, nonreplicating <i>Mycobacterium tuberculosis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11945-11950.	7.1	471
3	Identification of a nitroimidazo-oxazine-specific protein involved in PA-824 resistance in Mycobacterium tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 431-436.	7.1	325
4	Mycobacterium bovis BCG Response Regulator Essential for Hypoxic Dormancy. Journal of Bacteriology, 2002, 184, 6760-6767.	2.2	255
5	Nutrient-starved, non-replicating Mycobacterium tuberculosis requires respiration, ATP synthase and isocitrate lyase for maintenance of ATP homeostasis and viability. Microbiology (United Kingdom), 2010, 156, 81-87.	1.8	251
6	A chemical genetic screen in Mycobacterium tuberculosis identifies carbon-source-dependent growth inhibitors devoid of in vivo efficacy. Nature Communications, 2010, 1, 57.	12.8	250
7	Comprehensive analysis of methods used for the evaluation of compounds against Mycobacterium tuberculosis. Tuberculosis, 2012, 92, 453-488.	1.9	193
8	NTM drug discovery: status, gaps and the way forward. Drug Discovery Today, 2018, 23, 1502-1519.	6.4	186
9	Cytoplasmic Dynein (<i>ddlc1</i>) Mutations Cause Morphogenetic Defects and Apoptotic Cell Death in <i>Drosophila melanogaster</i>. Molecular and Cellular Biology, 1996, 16, 1966-1977.	2.3	160
10	para-Aminosalicylic Acid Is a Prodrug Targeting Dihydrofolate Reductase in Mycobacterium tuberculosis. Journal of Biological Chemistry, 2013, 288, 23447-23456.	3.4	158
11	Oxygen depletion induced dormancy inMycobacterium smegmatis. FEMS Microbiology Letters, 1998, 163, 159-164.	1.8	154
12	Indolcarboxamide Is a Preclinical Candidate for Treating Multidrug-Resistant Tuberculosis. Science Translational Medicine, 2013, 5, 214ra168.	12.4	134
13	Reduced Drug Uptake in Phenotypically Resistant Nutrient-Starved Nonreplicating Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2013, 57, 1648-1653.	3.2	133
14	Comprehensive physicochemical, pharmacokinetic and activity profiling of anti-TB agents. Journal of Antimicrobial Chemotherapy, 2015, 70, 857-867.	3.0	129
15	A High-Throughput Screen To Identify Inhibitors of ATP Homeostasis in Non-replicating <i>Mycobacterium tuberculosis</i>. ACS Chemical Biology, 2012, 7, 1190-1197.	3.4	123
16	Triacylglycerol Utilization Is Required for Regrowth of In Vitro Hypoxic Nonreplicating <i>Mycobacterium bovis</i> Bacillus Calmette-Guerin. Journal of Bacteriology, 2009, 191, 5037-5043.	2.2	119
17	Rifabutin Is Active against Mycobacterium abscessus Complex. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	119
18	Oxygen Depletion-Induced Dormancy in <i>Mycobacterium bovis</i> BCG. Journal of Bacteriology, 1999, 181, 2252-2256.	2.2	117

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19	Proteins of Mycobacterium bovis BCG Induced in the Wayne Dormancy Model. Journal of Bacteriology, 2001, 183, 2672-2676.	2.2	111
20	A novel <scp>F₄₂₀</scp>â€dependent antiâ€oxidant mechanism protects <i><scp>M</scp>ycobacterium tuberculosis</i> against oxidative stress and bactericidal agents. Molecular Microbiology, 2013, 87, 744-755.	2.5	99
21	Phase variation in <i>Mycobacterium tuberculosis glpK</i> produces transiently heritable drug tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19665-19674.	7.1	96
22	Lipiarmycin targets RNA polymerase and has good activity against multidrug-resistant strains of Mycobacterium tuberculosis. Journal of Antimicrobial Chemotherapy, 2008, 62, 713-719.	3.0	92
23	Nitrate Respiration Protects Hypoxic Mycobacterium tuberculosis Against Acid- and Reactive Nitrogen Species Stresses. PLoS ONE, 2010, 5, e13356.	2.5	91
24	HowMycobacterium tuberculosisgoes to sleep: the dormancy survival regulator DosR a decade later. Future Microbiology, 2012, 7, 513-518.	2.0	88
25	Design, Synthesis, and Biological Evaluation of Indole-2-carboxamides: A Promising Class of Antituberculosis Agents. Journal of Medicinal Chemistry, 2013, 56, 8849-8859.	6.4	85
26	Pyrazinamide Resistance Is Caused by Two Distinct Mechanisms: Prevention of Coenzyme A Depletion and Loss of Virulence Factor Synthesis. ACS Infectious Diseases, 2016, 2, 616-626.	3.8	83
27	Sensitive profiling of chemically diverse bioactive lipids. Journal of Lipid Research, 2007, 48, 1976-1984.	4.2	82
28	Structureâˆ'Activity Relationships of Antitubercular Nitroimidazoles. 2. Determinants of Aerobic Activity and Quantitative Structureâˆ'Activity Relationships. Journal of Medicinal Chemistry, 2009, 52, 1329-1344.	6.4	82
29	Structure of Ddn, the Deazaflavin-Dependent Nitroreductase from Mycobacterium tuberculosis Involved in Bioreductive Activation of PA-824. Structure, 2012, 20, 101-112.	3.3	80
30	Verapamil Targets Membrane Energetics in Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	79
31	Vitamin B6 biosynthesis is essential for survival and virulence of Mycobacterium tuberculosis. Molecular Microbiology, 2010, 78, 980-988.	2.5	78
32	Lipid Droplet-associated Proteins Are Involved in the Biosynthesis and Hydrolysis of Triacylglycerol in Mycobacterium bovis Bacillus Calmette-GuÃ©rin. Journal of Biological Chemistry, 2010, 285, 21662-21670.	3.4	72
33	Substrate specificity of the deazaflavinâ€dependent nitroreductase from <i>Mycobacteriumâ€ƒtuberculosis</i> responsible for the bioreductive activation of bicyclic nitroimidazoles. FEBS Journal, 2012, 279, 113-125.	4.7	70
34	Target Mechanism-Based Whole-Cell Screening Identifies Bortezomib as an Inhibitor of Caseinolytic Protease in Mycobacteria. MBio, 2015, 6, e00253-15.	4.1	69
35	Increased alanine dehydrogenase activity during dormancy inMycobacterium smegmatis. FEMS Microbiology Letters, 1998, 167, 7-11.	1.8	68
36	Amphiphilic Indole Derivatives as Antimycobacterial Agents: Structureâ€“Activity Relationships and Membrane Targeting Properties. Journal of Medicinal Chemistry, 2017, 60, 2745-2763.	6.4	68

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37	Boromycin Kills Mycobacterial Persisters without Detectable Resistance. Frontiers in Microbiology, 2016, 7, 199.	3.5	67
38	The role of a Drosophila POU homeo domain gene in the specification of neural precursor cell identity in the developing embryonic central nervous system.. Genes and Development, 1993, 7, 504-516.	5.9	66
39	Pyrazinamide triggers degradation of its target aspartate decarboxylase. Nature Communications, 2020, 11, 1661.	12.8	66
40	Variations of Subunit Îµ of the Mycobacterium tuberculosis F ₁ F _o ATP Synthase and a Novel Model for Mechanism of Action of the Tuberculosis Drug TMC207. Antimicrobial Agents and Chemotherapy, 2013, 57, 168-176.	3.2	64
41	Gut Microbiota Metabolite Indole Propionic Acid Targets Tryptophan Biosynthesis in <i>Mycobacterium tuberculosis</i>. MBio, 2019, 10, .	4.1	63
42	Rifabutin Is Active against Mycobacterium abscessus in Mice. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	59
43	Two closely linked Drosophila POU domain genes are expressed in neuroblasts and sensory elements.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7645-7649.	7.1	58
44	Bedaquiline Targets the Îµ Subunit of Mycobacterial F-ATP Synthase. Antimicrobial Agents and Chemotherapy, 2016, 60, 6977-6979.	3.2	58
45	Mycobacterium bovis BCG recADeletion Mutant Shows Increased Susceptibility to DNA-Damaging Agents but Wild-Type Survival in a Mouse Infection Model. Infection and Immunity, 2001, 69, 3562-3568.	2.2	57
46	Screening of TB Actives for Activity against Nontuberculous Mycobacteria Delivers High Hit Rates. Frontiers in Microbiology, 2017, 8, 1539.	3.5	57
47	Isoniazid resistance of exponentially growingMycobacterium smegmatisbiofilm culture. FEMS Microbiology Letters, 2003, 227, 171-174.	1.8	54
48	Upregulation of a histone-like protein in dormant Mycobacterium smegmatis. Molecular Genetics and Genomics, 1998, 260, 475-479.	2.4	53
49	Mycobacterial Cell Wall Synthesis Inhibitors Cause Lethal ATP Burst. Frontiers in Microbiology, 2018, 9, 1898.	3.5	53
50	Advancing Translational Science for Pulmonary Nontuberculous Mycobacterial Infections. A Road Map for Research. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 947-951.	5.6	53
51	Pyrazinoic Acid Inhibits Mycobacterial Coenzyme A Biosynthesis by Binding to Aspartate Decarboxylase PanD. ACS Infectious Diseases, 2017, 3, 807-819.	3.8	52
52	Peptide Deformylase Inhibitors as Potent Antimycobacterial Agents. Antimicrobial Agents and Chemotherapy, 2006, 50, 3665-3673.	3.2	50
53	Mild Nutrient Starvation Triggers the Development of a Small-Cell Survival Morphotype in Mycobacteria. Frontiers in Microbiology, 2016, 7, 947.	3.5	49
54	Whole-Cell Screen of Fragment Library Identifies Gut Microbiota Metabolite Indole Propionic Acid as Antitubercular. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	49

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55	Repositioning rifamycins for Mycobacterium abscessus lung disease. Expert Opinion on Drug Discovery, 2019, 14, 867-878.	5.0	49
56	Indole Propionic Acid, an Unusual Antibiotic Produced by the Gut Microbiota, With Anti-inflammatory and Antioxidant Properties. Frontiers in Microbiology, 2020, 11, 575586.	3.5	49
57	Characterization of Phosphofructokinase Activity in Mycobacterium tuberculosis Reveals That a Functional Glycolytic Carbon Flow Is Necessary to Limit the Accumulation of Toxic Metabolic Intermediates under Hypoxia. PLoS ONE, 2013, 8, e56037.	2.5	46
58	Up-regulation ofnarX, encoding a putative Ã¢Â€Â˜fused nitrate reductaseÃ¢Â€Â™ in anaerobic dormantMycobacterium bovisBCG. FEMS Microbiology Letters, 1999, 178, 63-69.	1.8	44
59	Future target-based drug discovery for tuberculosis?. Tuberculosis, 2014, 94, 551-556.	1.9	43
60	Deletion of a unique loop in the mycobacterial Fâ€<scp>ATP</scp> synthase Î³ subunit sheds light on its inhibitory role in <scp>ATP</scp> hydrolysisâ€driven H⁺ pumping. FEBS Journal, 2016, 283, 1947-1961.	4.7	43
61	Extreme Drug Tolerance of Mycobacterium abscessus â€œPersistersâ€. Frontiers in Microbiology, 2020, 11, 359.	3.5	42
62	Bacterial and host-derived cationic proteins bind Î±2-laminins and enhance Mycobacterium leprae attachment to human Schwann cells. Microbes and Infection, 2000, 2, 1407-1417.	1.9	40
63	The Mycobacterial Membrane: A Novel Target Space for Anti-tubercular Drugs. Frontiers in Microbiology, 2018, 9, 1627.	3.5	40
64	Structureâ€“Activity Relationships of Antitubercular Nitroimidazoles. 3. Exploration of the Linker and Lipophilic Tail of ((<i>S</i>)-2-Nitro-6,7-dihydro-5<i>H</i>-imidazo[2,1-<i>b</i>][1,3]oxazin-6-yl)-(4-trifluoromethoxybenzyl)amine (6-Amino PA-824).. Journal of Medicinal Chemistry, 2011, 54, 5639-5659.	6.4	38
65	Peptide deformylase inhibitors of Mycobacterium tuberculosis: Synthesis, structural investigations, and biological results. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 6568-6572.	2.2	37
66	The <scp>NMR</scp> solution structure of <i>Mycobacterium tuberculosis</i> Fâ€<scp>ATP</scp> synthase subunit Îµ provides new insight into energy coupling inside the rotary engine. FEBS Journal, 2018, 285, 1111-1128.	4.7	37
67	TBAJ-876 Retains Bedaquilineâ€™s Activity against Subunits c and Îµ of <i>Mycobacterium tuberculosis</i> F-ATP Synthase. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	37
68	Re-Understanding the Mechanisms of Action of the Anti-Mycobacterial Drug Bedaquiline. Antibiotics, 2019, 8, 261.	3.7	37
69	Membrane-targeting AM-0016 kills mycobacterial persisters and shows low propensity for resistance development. Future Microbiology, 2016, 11, 643-650.	2.0	36
70	Pharmacological and Molecular Mechanisms Behind the Sterilizing Activity of Pyrazinamide. Trends in Pharmacological Sciences, 2019, 40, 930-940.	8.7	35
71	Analysis of the dormancy-induciblenarK2promoter inMycobacterium bovisBCG. FEMS Microbiology Letters, 2000, 188, 141-146.	1.8	34
72	TBAJ-876, a 3,5-Dialkoxypyridine Analogue of Bedaquiline, Is Active against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	34

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73	Detection and treatment of subclinical tuberculosis. Tuberculosis, 2012, 92, 447-452.	1.9	33
74	In Vivo-Selected Pyrazinoic Acid-Resistant <i>Mycobacterium tuberculosis</i> Strains Harbor Missense Mutations in the Aspartate Decarboxylase PanD and the Unfoldase ClpC1. ACS Infectious Diseases, 2017, 3, 492-501.	3.8	33
75	The uniqueness of subunit Î± of mycobacterial F-ATP synthases: An evolutionary variant for niche adaptation. Journal of Biological Chemistry, 2017, 292, 11262-11279.	3.4	33
76	Identification of New MmpL3 Inhibitors by Untargeted and Targeted Mutant Screens Defines MmpL3 Domains with Differential Resistance. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	33
77	Upregulation of stress response genes and ABC transporters in anaerobic stationary-phase Mycobacterium smegmatis. Molecular Genetics and Genomics, 1999, 262, 677-682.	2.4	32
78	Draft Genome Sequence of Mycobacterium abscessus Bamboo. Genome Announcements, 2017, 5, .	0.8	32
79	Missense Mutations in the Unfoldase ClpC1 of the Caseinolytic Protease Complex Are Associated with Pyrazinamide Resistance in Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	31
80	In silico analyses for the discovery of tuberculosis drug targets. Journal of Antimicrobial Chemotherapy, 2013, 68, 2701-2709.	3.0	30
81	Developmental transcriptome of resting cell formation in Mycobacterium smegmatis. BMC Genomics, 2016, 17, 837.	2.8	30
82	Amphiphilic xanthones as a potent chemical entity of anti-mycobacterial agents with membrane-targeting properties. European Journal of Medicinal Chemistry, 2016, 123, 684-703.	5.5	30
83	1,3,5-triazaspiro[5.5]undeca-2,4-dienes as selective Mycobacterium tuberculosis dihydrofolate reductase inhibitors with potent whole cell activity. European Journal of Medicinal Chemistry, 2018, 144, 262-276.	5.5	30
84	Vancomycin and Clarithromycin Show Synergy against Mycobacterium abscessus In Vitro. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	29
85	Impact of immunopathology on the antituberculous activity of pyrazinamide. Journal of Experimental Medicine, 2018, 215, 1975-1986.	8.5	29
86	Disrupting coupling within mycobacterial F-ATP synthases subunit Îµ causes dysregulated energy production and cell wall biosynthesis. Scientific Reports, 2019, 9, 16759.	3.3	29
87	Critical discussion on drug efflux in <i>Mycobacterium tuberculosis</i>. FEMS Microbiology Reviews, 2022, 46, .	8.6	29
88	Reactive dirty fragments: implications for tuberculosis drug discovery. Current Opinion in Microbiology, 2014, 21, 7-12.	5.1	28
89	Novel Acetamide Indirectly Targets Mycobacterial Transporter MmpL3 by Proton Motive Force Disruption. Frontiers in Microbiology, 2018, 9, 2960.	3.5	28
90	Indolyl Azaspiroketal Mannich Bases Are Potent Antimycobacterial Agents with Selective Membrane Permeabilizing Effects and in Vivo Activity. Journal of Medicinal Chemistry, 2018, 61, 5733-5750.	6.4	28

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91	Discovery of a Novel Mycobacterial Fâ€ATP Synthase Inhibitor and its Potency in Combination with Diarylquinolines. Angewandte Chemie - International Edition, 2020, 59, 13295-13304.	13.8	28
92	Thienopyrimidinone Derivatives That Inhibit Bacterial tRNA (Guanine37-<i>N</i>¹)-Methyltransferase (TrmD) by Restructuring the Active Site with a Tyrosine-Flipping Mechanism. Journal of Medicinal Chemistry, 2019, 62, 7788-7805.	6.4	27
93	Bedaquiline Eliminates Bactericidal Activity of Î²-Lactams against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	26
94	Dependence of expression of an inducible Staphylococcus aureus cat gene on the translation of its leader sequence. Molecular Genetics and Genomics, 1987, 207, 486-491.	2.4	25
95	Towards Selective Mycobacterial ClpP1P2 Inhibitors with Reduced Activity against the Human Proteasome. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	25
96	Pharmacokinetics-Pharmacodynamics Analysis of Bicyclic 4-Nitroimidazole Analogs in a Murine Model of Tuberculosis. PLoS ONE, 2014, 9, e105222.	2.5	23
97	The new tuberculosis drug PerchlozoneÂ® shows cross-resistance with thiacetazone. International Journal of Antimicrobial Agents, 2015, 45, 430-433.	2.5	23
98	A Leucyl-tRNA Synthetase Inhibitor with Broad-Spectrum Antimycobacterial Activity. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	23
99	Unique structural and mechanistic properties of mycobacterial F-ATP synthases: Implications for drug design. Progress in Biophysics and Molecular Biology, 2020, 152, 64-73.	2.9	22
100	TBAJ-876 Displays Bedaquiline-Like Mycobactericidal Potency without Retaining the Parental Drugâ€™s Uncoupler Activity. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	22
101	Molecular genetic characterisation of whiB3, a mycobacterial homologue of a Streptomyces sporulation factor. Research in Microbiology, 1999, 150, 295-301.	2.1	21
102	In vitro activity of the chelating agents nitroxoline and oxine against Mycobacterium bovis BCG. International Journal of Antimicrobial Agents, 2001, 18, 579-582.	2.5	20
103	Rel Is Required for Morphogenesis of Resting Cells in Mycobacterium smegmatis. Frontiers in Microbiology, 2016, 7, 1390.	3.5	20
104	Fragment-Based Whole Cell Screen Delivers Hits against M. tuberculosis and Non-tuberculous Mycobacteria. Frontiers in Microbiology, 2016, 7, 1392.	3.5	20
105	Rifabutin Suppresses Inducible Clarithromycin Resistance in Mycobacterium abscessus by Blocking Induction of whiB7 and erm41. Antibiotics, 2020, 9, 72.	3.7	20
106	Indolylalkyltriphenylphosphonium Analogues Are Membrane-Depolarizing Mycobactericidal Agents. ACS Medicinal Chemistry Letters, 2017, 8, 1165-1170.	2.8	19
107	Bortezomib Warhead-Switch Confers Dual Activity against Mycobacterial Caseinolytic Protease and Proteasome and Selectivity against Human Proteasome. Frontiers in Microbiology, 2017, 8, 746.	3.5	19
108	Teicoplanin â€" Tigecycline Combination Shows Synergy Against Mycobacterium abscessus. Frontiers in Microbiology, 2018, 9, 932.	3.5	19

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109	Positioning ribosomes on leader mRNA for translational activation of the message of an inducible Staphylococcus aureus cat gene. Molecular Genetics and Genomics, 1988, 214, 108-111.	2.4	18
110	Biochemical and structural characterization of the putative dihydropteroate synthase ortholog Rv1207 of<i>Mycobacterium tuberculosis</i>. FEMS Microbiology Letters, 2008, 287, 128-135.	1.8	18
111	How antibacterials really work: impact on drug discovery. Future Microbiology, 2011, 6, 603-604.	2.0	18
112	Drug resistance among tuberculosis patients attending diagnostic and treatment centres in Makassar, Indonesia. International Journal of Tuberculosis and Lung Disease, 2011, 15, 489-495.	1.2	17
113	Epetraborole Is Active against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2021, 65, e0115621.	3.2	17
114	Mycobacterial Caseinolytic Protease Gene Regulator ClgR Is a Substrate of Caseinolytic Protease. MSphere, 2017, 2, .	2.9	16
115	Drug development challenges in nontuberculous mycobacterial lung disease: TB to the rescue. Journal of Experimental Medicine, 2022, 219, .	8.5	16
116	Spectrum of latent tuberculosis â€" existing tests cannot resolve the underlying phenotypes: author's reply. Nature Reviews Microbiology, 2010, 8, 242-242.	28.6	15
117	Exploring the Mode of Action of Bioactive Compounds by Microfluidic Transcriptional Profiling in Mycobacteria. PLoS ONE, 2013, 8, e69191.	2.5	14
118	Targeted protein degradation in antibacterial drug discovery?. Progress in Biophysics and Molecular Biology, 2020, 152, 10-14.	2.9	14
119	Potency Increase of Spiroketal Analogs of Membrane Inserting Indolyl Mannich Base Antimycobacterials Is Due to Acquisition of MmpL3 Inhibition. ACS Infectious Diseases, 2020, 6, 1882-1893.	3.8	14
120	Piperidine-4-Carboxamides Target DNA Gyrase in Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2021, 65, e0067621.	3.2	14
121	Eagle Effect in Nonreplicating Persister Mycobacteria. Antimicrobial Agents and Chemotherapy, 2015, 59, 7786-7789.	3.2	13
122	Blocking Bacterial Naphthohydroquinone Oxidation and ADP-Ribosylation Improves Activity of Rifamycins against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2021, 65, e0097821.	3.2	13
123	A Rabbit Model to Study Antibiotic Penetration at the Site of Infection for Nontuberculous Mycobacterial Lung Disease: Macrolide Case Study. Antimicrobial Agents and Chemotherapy, 2022, 66, aac0221221.	3.2	13
124	In Vitro Activities of Mitomycin C against Growing and Hypoxic Dormant Tubercle Bacilli. Antimicrobial Agents and Chemotherapy, 2001, 45, 2403-2404.	3.2	12
125	Chloramphenicol-induced translational activation of cat messenger RNA in vitro. Journal of Molecular Biology, 1990, 212, 661-668.	4.2	11
126	A systematic assessment of mycobacterial F₁â€ATPase subunit Îµâ€™s role in latent ATPase hydrolysis. FEBS Journal, 2021, 288, 818-836.	4.7	11

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127	<i>In Vitro</i> Resistance against DNA Gyrase Inhibitor SPR719 in Mycobacterium avium and Mycobacterium abscessus. Microbiology Spectrum, 2022, 10, e0132121.	3.0	11
128	Recombinase-based reporter system and antisense technology to study gene expression and essentiality in hypoxic nonreplicating mycobacteria. FEMS Microbiology Letters, 2008, 284, 68-75.	1.8	10
129	Antituberculosis Activity of the Antimalaria Cytochrome <i>bcc</i> Oxidase Inhibitor SCR0911. ACS Infectious Diseases, 2020, 6, 725-737.	3.8	10
130	Amideâ€“Amine Replacement in Indole-2-carboxamides Yields Potent Mycobactericidal Agents with Improved Water Solubility. ACS Medicinal Chemistry Letters, 2021, 12, 704-712.	2.8	10
131	A Mycobacterium tuberculosis NBTI DNA Gyrase Inhibitor Is Active against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2021, 65, e0151421.	3.2	10
132	Functionalized Dioxonaphthoimidazoliums: A Redox Cycling Chemotype with Potent Bactericidal Activities against <i>Mycobacterium tuberculosis</i>. Journal of Medicinal Chemistry, 2021, 64, 15991-16007.	6.4	10
133	Antibacterial Drug Discovery: Doing It Right. Chemistry and Biology, 2015, 22, 5-6.	6.0	9
134	Structure and function of Mycobacterium-specific components of F-ATP synthase subunits Î± and Îµ. Journal of Structural Biology, 2018, 204, 420-434.	2.8	9
135	<i>Mycobacterium tuberculosis</i> PanD Structureâ€“Function Analysis and Identification of a Potent Pyrazinoic Acid-Derived Enzyme Inhibitor. ACS Chemical Biology, 2021, 16, 1030-1039.	3.4	9
136	Potency boost of a <i>Mycobacterium tuberculosis</i> dihydrofolate reductase inhibitor by multienzyme F ₄₂₀ H ₂ -dependent reduction. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
137	Inducibility of the Streptomyces traRts107-Ptra Expression Cassette in Mycobacterium smegmatis. Biological Chemistry, 2000, 381, 517-9.	2.5	8
138	Overexpression, purification, enzymatic and microscopic characterization of recombinant mycobacterial F-ATP synthase. Biochemical and Biophysical Research Communications, 2020, 522, 374-380.	2.1	8
139	Cyclohexyl-griselimycin Is Active against Mycobacterium abscessus in Mice. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0140021.	3.2	8
140	Heterogeneity of Mycobacterium tuberculosis strains in Makassar, Indonesia. International Journal of Tuberculosis and Lung Disease, 2012, 16, 1441-1448.	1.2	7
141	Draft Genome Sequence of Mycobacterium avium 11. Genome Announcements, 2017, 5, .	0.8	7
142	Editorial: NTMâ€"The New Uber-Bugs. Frontiers in Microbiology, 2019, 10, 1299.	3.5	7
143	Rifabutin: A Repurposing Candidate for Mycobacterium abscessus Lung Disease. Frontiers in Microbiology, 2020, 11, 371.	3.5	7
144	Role for malonyl coenzyme A:acyl carrier protein transacylase (MCAT) in the growth-inhibitory effect of the calmodulin antagonist trifluoperazine in Mycobacterium bovis BCG. Journal of Antimicrobial Chemotherapy, 2004, 53, 1072-1075.	3.0	6

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145	TB drug susceptibility is more than MIC. Nature Microbiology, 2018, 3, 971-972.	13.3	6
146	Mutational Analysis of Mycobacterial F-ATP Synthase Subunit Î´ Leads to a Potent Î´ Enzyme Inhibitor. ACS Chemical Biology, 2022, 17, 529-535.	3.4	6
147	Apparent growth phase-dependent phosphorylation of malonyl coenzyme A:acyl carrier protein transacylase (MCAT), a major fatty acid synthase II component inMycobacterium bovisBCG. FEMS Microbiology Letters, 2003, 227, 141-147.	1.8	5
148	Atomic solution structure of <i>Mycobacterium abscessus</i><scp>Fâ€ATP</scp> synthase subunit Îµ and identification of <scp>Ep1<i>Mab</i>F1</scp> as a targeted inhibitor. FEBS Journal, 2022, 289, 6308-6323.	4.7	5
149	Drosophila DPP2C1, a novel member of the protein phosphatase 2C (PP2C) family. Gene, 1997, 199, 139-143.	2.2	4
150	Discovery of a Novel Mycobacterial Fâ€ATP Synthase Inhibitor and its Potency in Combination with Diarylquinolines. Angewandte Chemie, 2020, 132, 13397-13406.	2.0	4
151	Reinvestigation of the structure-activity relationships of isoniazid. Tuberculosis, 2021, 129, 102100.	1.9	4
152	Anti-Mycobacterium abscessus Activity of Tuberculosis F-ATP Synthase Inhibitor GaMF1. Antimicrobial Agents and Chemotherapy, 2022, 66, e0001822.	3.2	4
153	Structural and Mechanistic Insights into <i>Mycobacterium abscessus</i> Aspartate Decarboxylase PanD and a Pyrazinoic Acid-Derived Inhibitor. ACS Infectious Diseases, 2022, 8, 1324-1335.	3.8	4
154	para-Aminosalicylic acid is a prodrug targeting dihydrofolate reductase in Mycobacterium tuberculosis.. Journal of Biological Chemistry, 2013, 288, 28951.	3.4	3
155	Metabolic flexibility and morphological plasticity in mycobacteria. Future Microbiology, 2015, 10, 449-452.	2.0	3
156	Single Cell Analysis of Drug Susceptibility of Mycobacterium abscessus during Macrophage Infection. Antibiotics, 2020, 9, 711.	3.7	3
157	Reply to Vargas and Farhat: Mycobacterium tuberculosis glpK mutants in human tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3913-3914.	7.1	3
158	Increased alanine dehydrogenase activity during dormancy in Mycobacterium smegmatis. FEMS Microbiology Letters, 1998, 167, 7-11.	1.8	3
159	Oxygen depletion induced dormancy in Mycobacterium smegmatis. FEMS Microbiology Letters, 1998, 163, 159-164.	1.8	3
160	A Ginger Root or Plum Model for the Tuberculosis â€œGranulomaâ€?. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 505-507.	5.6	2
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