Scott G Franzblau

List of Publications by Year
in descending order

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326 papers	15,275 citations	16451 64 h-index	33894 99 g-index
348 all docs	348 docs citations	348 times ranked	15486 citing authors

#	Article	IF	Citations
1	Rapid, Low-Technology MIC Determination with Clinical Mycobacterium tuberculosis Isolates by Using the Microplate Alamar Blue Assay. Journal of Clinical Microbiology, 1998, 36, 362-366.	3.9	810
2	Low-Oxygen-Recovery Assay for High-Throughput Screening of Compounds against Nonreplicating Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2007, 51, 1380-1385.	3.2	286
3	Structureâ^'Activity Relationships for a Series of Quinoline-Based Compounds Active against Replicating and Nonreplicating Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2009, 52, 2109-2118.	6.4	275
4	Thiosemicarbazones, semicarbazones, dithiocarbazates and hydrazide/hydrazones: Anti â€“ Mycobacterium tuberculosis activity and cytotoxicity. European Journal of Medicinal Chemistry, 2010, 45, 1898-1905.	5.5	272
5	Improved Green Fluorescent Protein Reporter Gene-BasedMicroplate Screening for Antituberculosis Compounds by Utilizing anAcetamidasePromoter. Antimicrobial Agents and Chemotherapy, 2003, 47, 3682-3687.	3.2	241
6	Antimycobacterial Plant Terpenoids. Planta Medica, 2001, 67, 685-694.	1.3	212
7	Targeting mycobacterium protein tyrosine phosphatase B for antituberculosis agents. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4573-4578.	7.1	211
8	Comprehensive analysis of methods used for the evaluation of compounds against Mycobacterium tuberculosis. Tuberculosis, 2012, 92, 453-488.	1.9	193
9	In Vitro and In Vivo Activities of Macrolide Derivatives against Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2005, 49, 1447-1454.	3.2	191
10	Identification of a small molecule with activity against drug-resistant and persistent tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2510-7.	7.1	188
11	Novel Insights into the Mechanism of Inhibition of MmpL3, a Target of Multiple Pharmacophores in Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2014, 58, 6413-6423.	3.2	174
12	Advent of Imidazo[1,2-a]pyridine-3-carboxamides with Potent Multi- and Extended Drug Resistant Antituberculosis Activity. ACS Medicinal Chemistry Letters, 2011, 2, 466-470.	2.8	161
13	Drug Targeting Mycobacterium tuberculosis Cell Wall Synthesis: Genetics of dTDP-Rhamnose Synthetic Enzymes and Development of a Microtiter Plate-Based Screen for Inhibitors of Conversion of dTDP-Glucose to dTDP-Rhamnose. Antimicrobial Agents and Chemotherapy, 2001, 45, 1407-1416.	3.2	151
14	The Cyclic Peptide Ecumicin Targeting ClpC1 Is Active against Mycobacterium tuberculosis In Vivo. Antimicrobial Agents and Chemotherapy, 2015, 59, 880-889.	3.2	148
15	Synthesis, antimalarial and antitubercular activity of acetylenic chalcones. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 942-944.	2.2	146
16	Diguanidino and â€œReversedâ€•Diamidino 2,5-Diarylfurans as Antimicrobial Agents. Journal of Medicinal Chemistry, 2001, 44, 1741-1748.	6.4	135
17	Manzamine B and E and Ircinal A Related Alkaloids from an IndonesianAcanthostrongylophoraSponge and Their Activity against Infectious, Tropical Parasitic, and Alzheimer's Diseases. Journal of Natural Products, 2006, 69, 1034-1040.	3.0	129
18	Antitubercular constituents from the hexane fraction of Morinda citrifolia Linn. (Rubiaceae). Phytotherapy Research, 2002, 16, 683-685.	5.8	124

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19	New perspectives on natural products in TB drug research. Life Sciences, 2005, 78, 485-494.	4.3	120
20	Antimycobacterial Activity of (E)-Phytol and Derivatives: A Preliminary Structure-Activity Study. Planta Medica, 1998, 64, 2-4.	1.3	118
21	Synthesis and Activity of Carbazole Derivatives AgainstMycobacterium tuberculosis. ChemMedChem, 2006, 1, 812-815.	3.2	108
22	Discovery of Selective Menaquinone Biosynthesis Inhibitors against Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2012, 55, 3739-3755.	6.4	106
23	Synthesis and Structureâ^'Activity Studies of Biphenyl Analogues of the Tuberculosis Drug (6S)-2-Nitro-6-{[4-(trifluoromethoxy)benzyl]oxy}-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (PA-824). Journal of Medicinal Chemistry, 2010, 53, 282-294.	6.4	104
24	5-tert-Butyl-N-pyrazol-4-yl-4,5,6,7-tetrahydrobenzo[d]isoxazole-3-carboxamide Derivatives as Novel Potent Inhibitors of Mycobacterium tuberculosis Pantothenate Synthetase: Initiating a Quest for New Antitubercular Drugs. Journal of Medicinal Chemistry, 2008, 51, 1999-2002.	6.4	102
25	Structureâ€"activity relationship of new anti-tuberculosis agents derived from oxazoline and oxazole benzyl esters. European Journal of Medicinal Chemistry, 2010, 45, 1703-1716.	5.5	99
26	Design, Synthesis, and SAR Studies of Mefloquine-Based Ligands as Potential Antituberculosis Agents. ChemMedChem, 2006, 1, 593-597.	3.2	98
27	Design, Synthesis, and Structureâ€"Activity Relationship Studies of Tryptanthrins As Antitubercular Agents. Journal of Natural Products, 2013, 76, 354-367.	3.0	98
28	New tuberculosis drug targets, their inhibitors, and potential therapeutic impact. Translational Research, 2020, 220, 68-97.	5.0	97
29	Antimycobacterial natural products: synthesis and preliminary biological evaluation of the oxazole-containing alkaloid texaline. Tetrahedron Letters, 2005, 46, 7355-7357.	1.4	96
30	Generation and exploration of new classes of antitubercular agents: The optimization of oxazolines, oxazoles, thiazolines, thiazoles to imidazo[1,2-a]pyridines and isomeric 5,6-fused scaffolds. Bioorganic and Medicinal Chemistry, 2012, 20, 2214-2220.	3.0	96
31	QSAR-driven design, synthesis and discovery of potent chalcone derivatives with antitubercular activity. European Journal of Medicinal Chemistry, 2017, 137, 126-138.	5.5	96
32	Synthesis and evaluation of anti-tubercular and antibacterial activities of new 4-(2,6-dichlorobenzyloxy)phenyl thiazole, oxazole and imidazole derivatives. Part 2. European Journal of Medicinal Chemistry, 2012, 49, 164-171.	5.5	95
33	Antimycobacterial Eudesmanolides from Inula helenium and Rudbeckia subtomentosa. Planta Medica, 1999, 65, 351-355.	1.3	94
34	Manadomanzamines A and B:Â A Novel Alkaloid Ring System with Potent Activity against Mycobacteria and HIV-1. Journal of the American Chemical Society, 2003, 125, 13382-13386.	13.7	94
35	A microbiological assessment of novel nitrofuranylamides as anti-tuberculosis agents. Journal of Antimicrobial Chemotherapy, 2008, 62, 1037-1045.	3.0	94
36	Antimycobacterial Cycloartanes fromBorrichiafrutescens. Journal of Natural Products, 1996, 59, 1131-1136.	3.0	92

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37	From Serendipity to Rational Antituberculosis Drug Discovery of Mefloquine-Isoxazole Carboxylic Acid Esters. Journal of Medicinal Chemistry, 2009, 52, 6966-6978.	6.4	92
38	Hapalindole-related alkaloids from the cultured cyanobacterium Fischerella ambigua. Phytochemistry, 2010, 71, 2116-2123.	2.9	90
39	Improved BM212 MmpL3 Inhibitor Analogue Shows Efficacy in Acute Murine Model of Tuberculosis Infection. PLoS ONE, 2013, 8, e56980.	2.5	90
40	Transition metals in organic synthesis - Part 83#: Synthesis and pharmacological potential of carbazoles. Medicinal Chemistry Research, 2008, 17, 374-385.	2.4	89
41	Utilization of microbial iron assimilation processes for the development of new antibiotics and inspiration for the design of new anticancer agents. BioMetals, 2009, 22, 61-75.	4.1	89
42	Synthesis, Reduction Potentials, and Antitubercular Activity of Ring A/B Analogues of the Bioreductive Drug (6S)-2-Nitro-6-{[4-(trifluoromethoxy)benzyl]oxy}-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (PA-824). Journal of Medicinal Chemistry, 2009, 52, 637-645.	6.4	88
43	Discovery of Novel Oral Protein Synthesis Inhibitors of Mycobacterium tuberculosis That Target Leucyl-tRNA Synthetase. Antimicrobial Agents and Chemotherapy, 2016, 60, 6271-6280.	3.2	88
44	Evaluation of gyrase B as a drug target in Mycobacterium tuberculosis. Journal of Antimicrobial Chemotherapy, 2012, 67, 415-421.	3.0	87
45	Antitubercular Constituents ofValeriana laxiflora. Planta Medica, 2004, 70, 509-514.	1.3	85
46	Antimycobacterial evaluation of germacranolides in honour of professor G.H. Neil Towers 75th birthday. Phytochemistry, 1998, 49, 559-564.	2.9	84
47	Microplate Alamar Blue Assay (MABA) and Low Oxygen Recovery Assay (LORA) for Mycobacterium tuberculosis. Methods in Molecular Biology, 2015, 1285, 281-292.	0.9	84
48	Synthesis and Evaluation of Nitrofuranylamides as Novel Antituberculosis Agents. Journal of Medicinal Chemistry, 2004, 47, 5276-5283.	6.4	81
49	Antimycobacterial terpenoids from Juniperus communis L. (Cuppressaceae). Journal of Ethnopharmacology, 2009, 126, 500-505.	4.1	81
50	Synthesis and Structureâ^'activity Relationships of Antitubercular 2-Nitroimidazooxazines Bearing Heterocyclic Side Chains. Journal of Medicinal Chemistry, 2010, 53, 855-866.	6.4	81
51	Anti-Tuberculosis Constituents from the Stem Bark ofMicromelum hirsutum. Planta Medica, 2005, 71, 261-267.	1.3	80
52	Synthesis and Structureâ^'Activity Relationships of Aza- and Diazabiphenyl Analogues of the Antitubercular Drug (6S)-2-Nitro-6-{[4-(trifluoromethoxy)benzyl]oxy}-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (PA-824). Journal of Medicinal Chemistry, 2010, 53, 8421-8439.	6.4	80
53	Ethnobotany/ethnopharmacology and mass bioprospecting: Issues on intellectual property and benefit-sharing. Journal of Ethnopharmacology, 2005, 100, 15-22.	4.1	79
54	Identification of Novel Inhibitors of Nonreplicating Mycobacterium tuberculosis Using a Carbon Starvation Model. ACS Chemical Biology, 2013, 8, 2224-2234.	3.4	79

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55	Antimycobacterial Activity of Substituted Isosteres of Pyridine- and Pyrazinecarboxylic Acids. Journal of Medicinal Chemistry, 1998, 41, 2436-2438.	6.4	77
56	Antimycobacterial Compounds fromPipersanctumâ€. Journal of Natural Products, 2004, 67, 1961-1968.	3.0	77
57	Antimalarial Bromophycolides Jâ^'Q from the Fijian Red Alga Callophycus serratus. Journal of Organic Chemistry, 2009, 74, 2736-2742.	3.2	77
58	Design, Synthesis, and Pharmacological Evaluation of Mefloquineâ€Based Ligands as Novel Antituberculosis Agents. ChemMedChem, 2007, 2, 1624-1630.	3.2	73
59	Indole alkaloids from the leaves of Philippine Alstonia scholaris. Phytochemistry, 2005, 66, 1158-1162.	2.9	72
60	Antimycobacterial Ergosterol-5,8-endoperoxide from Ajuga remota. Planta Medica, 1999, 65, 732-734.	1.3	70
61	Lahorenoic Acids Aâ€“C, ortho-Dialkyl-Substituted Aromatic Acids from the Biocontrol Strain Pseudomonas aurantiaca PB-St2. Journal of Natural Products, 2013, 76, 135-141.	3.0	70
62	Effective Treatment of Acute and Chronic Murine Tuberculosis with Liposome-Encapsulated Clofazimine. Antimicrobial Agents and Chemotherapy, 1999, 43, 1638-1643.	3.2	69
63	3,5-Dialkoxypyridine analogues of bedaquiline are potent antituberculosis agents with minimal inhibition of the hERG channel. Bioorganic and Medicinal Chemistry, 2019, 27, 1292-1307.	3.0	69
64	Antimycobacterial Activity of Substituted Isosteres of Pyridine- and Pyrazinecarboxylic Acids. 2.1. Journal of Medicinal Chemistry, 2001, 44, 1560-1563.	6.4	68
65	Ruthenium(II) phosphine/diimine/picolinate complexes: Inorganic compounds as agents against tuberculosis. European Journal of Medicinal Chemistry, 2011, 46, 5099-5107.	5.5	68
66	Rufomycin Targets ClpC1 Proteolysis in Mycobacterium tuberculosis and M. abscessus. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	68
67	Bioactive metabolites of Diaporthe sp. P133, an endophytic fungus isolated from Pandanus amaryllifolius. Journal of Natural Medicines, 2011, 65, 606-609.	2.3	67
68	Synthesis and Structureâ€“Activity Relationships of Varied Ether Linker Analogues of the Antitubercular Drug (6S)-2-Nitro-6-{[4-(trifluoromethoxy)benzyl]oxy}-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (PA-824). Journal of Medicinal Chemistry, 2011, 54, 6563-6585.	6.4	66
69	Facile transformation of Biginelli pyrimidin-2(1H)-ones to pyrimidines. In vitro evaluation as inhibitors of Mycobacterium tuberculosis and modulators of cytostatic activity. European Journal of Medicinal Chemistry, 2011, 46, 2290-2294.	5.5	66
70	6-Cyano Analogues of Bedaquiline as Less Lipophilic and Potentially Safer Diarylquinolines for Tuberculosis. ACS Medicinal Chemistry Letters, 2017, 8, 1019-1024.	2.8	66
71	Unbiased evaluation of bioactive secondary metabolites in complex matrices. FÃ¬toterapÃ¬Ã¢, 2012, 83, 1218-1225.	2.2	65
72	Arrival of Imidazo[2,1-b]thiazole-5-carboxamides: Potent Anti-tuberculosis Agents That Target QcrB. ACS Infectious Diseases, 2016, 2, 393-398.	3.8	64

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73	Structure-activity relationships for analogs of the tuberculosis drug bedaquiline with the naphthalene unit replaced by bicyclic heterocycles. Bioorganic and Medicinal Chemistry, 2018, 26, 1797-1809.	3.0	63
74	Assessment of Antimycobacterial Activity of a Series of Mainly Marine Derived Natural Products. Planta Medica, 2000, 66, 337-342.	1.3	62
75	12,34-Oxamanzamines, novel biocatalytic and natural products from manzamine producing Indo-Pacific sponges. Tetrahedron, 2002, 58, 7397-7402.	1.9	62
76	Anti-infective Discorhabdins from a Deep-Water Alaskan Sponge of the Genus Latrunculia. Journal of Natural Products, 2010, 73, 383-387.	3.0	61
77	Synthesis and antituberculosis activity of novel mefloquine-isoxazole carboxylic esters as prodrugs. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1263-1268.	2.2	60
78	Role of antibiotic ligand in nascent peptide-dependent ribosome stalling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10496-10501.	7.1	60
79	Purityâ˜Activity Relationships of Natural Products: The Case of Anti-TB Active Ursolic Acid. Journal of Natural Products, 2008, 71, 1742-1748.	3.0	59
80	In vivo and in vitro evaluation of highly specific thiolate carrier group copper(II) and zinc(II) complexes on Ehrlich ascites carcinoma tumor model. European Journal of Medicinal Chemistry, 2010, 45, 5438-5451.	5.5	59
81	Antitubercular Activity of Triterpenoids from Asteraceae Flowers. Biological and Pharmaceutical Bulletin, 2005, 28, 158-160.	1.4	58
82	Design, synthesis and investigation on the structureâ€“activity relationships of N-substituted 2-aminothiazole derivatives as antitubercular agents. European Journal of Medicinal Chemistry, 2014, 72, 26-34.	5.5	58
83	An Antimicrobial Guanidine-Bearing Sesterterpene from the Cultured Cyanobacterium Scytonema sp.. Journal of Natural Products, 2009, 72, 2043-2045.	3.0	57
84	Searching for New Cures for Tuberculosis: Design, Synthesis, and Biological Evaluation of 2-Methylbenzothiazoles. Journal of Medicinal Chemistry, 2009, 52, 6757-6767.	6.4	57
85	Rational Design of 5-Phenyl-3-isoxazolecarboxylic Acid Ethyl Esters as Growth Inhibitors of Mycobacterium tuberculosis. A Potent and Selective Series for Further Drug Development. Journal of Medicinal Chemistry, 2010, 53, 678-688.	6.4	57
86	The Oxidation-sensing Regulator (MosR) Is a New Redox-dependent Transcription Factor in Mycobacterium tuberculosis. Journal of Biological Chemistry, 2012, 287, 37703-37712.	3.4	57
87	A New Antitubercular Mulinane Diterpenoid from Azorella madreporica Clos. Journal of Natural Products, 1998, 61, 965-968.	3.0	56
88	Counter-current chromatography based analysis of synergy in an anti-tuberculosis ethnobotanical. Journal of Chromatography A, 2007, 1151, 211-215.	3.7	56
89	In vitro and in vivo antimycobacterial activities of ketone and amide derivatives of quinoxaline 1,4-di-N-oxide. Journal of Antimicrobial Chemotherapy, 2008, 62, 547-554.	3.0	55
90	Discovery of a capuramycin analog that kills nonreplicating Mycobacterium tuberculosis and its synergistic effects with translocase I inhibitors. Journal of Antibiotics, 2015, 68, 271-278.	2.0	55

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91	Syntheses and evaluation of benzodiazaborine compounds against M. tuberculosis H37Rv in vitro. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 843-846.	2.2	54
92	Activity of 7-methyljuglone in combination with antituberculous drugs against Mycobacterium tuberculosis. Phytomedicine, 2006, 13, 630-635.	5.3	54
93	Design, Syntheses, and Anti-TB Activity of 1,3-Benzothiazinone Azide and Click Chemistry Products Inspired by BTZ043. ACS Medicinal Chemistry Letters, 2016, 7, 266-270.	2.8	54
94	Evaluation of antiprotozoal and antimycobacterial activities of the resin glycosides and the other metabolites of Scrophularia cryptophila. Phytomedicine, 2008, 15, 209-215.	5.3	53
95	Preparation of aminoglycoside-loaded chitosan nanoparticles using dextran sulphate as a counterion. Journal of Microencapsulation, 2009, 26, 346-354.	2.8	53
96	Bioactive Bromophycolides Râ"U from the Fijian Red Alga Callophycus serratus. Journal of Natural Products, 2010, 73, 275-278.	3.0	53
97	Structureâ€"Activity Relationships for Amide-, Carbamate-, And Urea-Linked Analogues of the Tuberculosis Drug (6S)-2-Nitro-6-{[4-(trifluoromethoxy)benzyl]oxy}-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (PA-824). Journal of Medicinal Chemistry, 2012, 55, 312-326.	6.4	53
98	Phomapyrrolidones Aâ€"C, Antitubercular Alkaloids from the Endophytic Fungus Phoma sp. NRRL 46751. Journal of Natural Products, 2013, 76, 1860-1865.	3.0	53
99	ICAT-based comparative proteomic analysis of non-replicating persistent Mycobacterium tuberculosis. Tuberculosis, 2006, 86, 445-460.	1.9	52
100	Callophycoic Acids and Callophycols from the Fijian Red Alga Callophycus serratus. Journal of Organic Chemistry, 2007, 72, 7343-7351.	3.2	52
101	Agelasine F from a Philippine Agelas sp. Sponge Exhibits in vitro Antituberculosis Activity. Planta Medica, 2000, 66, 364-365.	1.3	51
102	Enhancing Hit Identification in Mycobacterium tuberculosis Drug Discovery Using Validated Dual-Event Bayesian Models. PLoS ONE, 2013, 8, e63240.	2.5	51
103	Ethnopharmacological evaluation of the informant consensus model on anti-tuberculosis claims among the Manus. Journal of Ethnopharmacology, 2006, 106, 82-89.	4.1	50
104	Ileabethoxazole: a novel benzoxazole alkaloid with antimycobacterial activity. Tetrahedron Letters, 2006, 47, 3229-3232.	1.4	50
105	Indole alkaloids from two cultured cyanobacteria, Westiellopsis sp. and Fischerella muscicola. Bioorganic and Medicinal Chemistry, 2012, 20, 5290-5295.	3.0	50
106	Discovery and Characterization of the Tuberculosis Drug Lead Ecumicin. Organic Letters, 2014, 16, 6044-6047.	4.6	50
107	Strategies in anti-Mycobacterium tuberculosis drug discovery based on phenotypic screening. Journal of Antibiotics, 2019, 72, 719-728.	2.0	50
108	Sesquiterpenes from Oplopanax horridus. Journal of Natural Products, 2010, 73, 563-567.	3.0	49

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109	Synthesis and evaluation of analogues of the tuberculosis drug bedaquiline containing heterocyclic B-ring units. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5190-5196.	2.2	49
110	Oleanane Triterpenes fromJunellia tridens. Journal of Natural Products, 2000, 63, 1611-1614.	3.0	48
111	Discovery and Development of the Covalent Hydrates of Trifluoromethylated Pyrazoles as Riboflavin Synthase Inhibitors with Antibiotic Activity Against Mycobacterium tuberculosis. Journal of Organic Chemistry, 2009, 74, 5297-5303.	3.2	48
112	Identification, Synthesis, and Pharmacological Evaluation of Tetrahydroindazole Based Ligands as Novel Antituberculosis Agents. Journal of Medicinal Chemistry, 2010, 53, 649-659.	6.4	48
113	7-Substituted 2-Nitro-5,6-dihydroimidazo[2,1-b][1,3]oxazines: Novel Antitubercular Agents Lead to a New Preclinical Candidate for Visceral Leishmaniasis. Journal of Medicinal Chemistry, 2017, 60, 4212-4233.	6.4	47
114	Inhibition ofMycobacteriumtuberculosisGrowth by Saringosterol fromLessonianigrescens. Journal of Natural Products, 2001, 64, 1463-1464.	3.0	46
115	Efficacy of Quinoxaline-2-Carboxylate 1,4-Di- N -Oxide Derivatives in Experimental Tuberculosis. Antimicrobial Agents and Chemotherapy, 2008, 52, 3321-3326.	3.2	46
116	Synthesis, Biological Evaluation, and Structureâ"Activity Relationships for 5-[(E)-2-Arylethenyl]-3-isoxazolecarboxylic Acid Alkyl Ester Derivatives as Valuable Antitubercular Chemotypes. Journal of Medicinal Chemistry, 2009, 52, 6287-6296.	6.4	46
117	Antimycobacterial agents from selected Mexican medicinal plants. Journal of Pharmacy and Pharmacology, 2010, 57, 1117-1126.	2.4	46
118	Ruthenium (II) phosphine/picolinate complexes as antimycobacterial agents. European Journal of Medicinal Chemistry, 2010, 45, 598-601.	5.5	46
119	Repositioning Antitubercular 6-Nitro-2,3-dihydroimidazo[2,1-b][1,3]oxazoles for Neglected Tropical Diseases: Structureâ€"Activity Studies on a Preclinical Candidate for Visceral Leishmaniasis. Journal of Medicinal Chemistry, 2016, 59, 2530-2550.	6.4	46
120	Syntheses and Antituberculosis Activity of 1,3-Benzothiazinone Sulfoxide and Sulfone Derived from BTZ043. ACS Medicinal Chemistry Letters, 2015, 6, 128-133.	2.8	45
121	Novel sesquiterpenes and a lactone from the Jamaican sponge Myrmekioderma styx. Tetrahedron Letters, 2002, 43, 9699-9702.	1.4	44
122	Mycobacterium tuberculosis and cholinesterase inhibitors from Voacanga globosa. European Journal of Medicinal Chemistry, 2011, 46, 3118-3123.	5.5	43
123	Bioautography with TLC-MS/NMR for Rapid Discovery of Anti-tuberculosis Lead Compounds from Natural Sources. ACS Infectious Diseases, 2016, 2, 294-301.	3.8	43
124	Design, Synthesis, and Characterization of N-Oxide-Containing Heterocycles with in Vivo Sterilizing Antitubercular Activity. Journal of Medicinal Chemistry, 2017, 60, 8647-8660.	6.4	43
125	Inhibitory Effect of Sterols fromRuprechtia trifloraand Diterpenes fromCalceolaria pinnifoliaon the Growth ofMycobacterium tuberculosis. Planta Medica, 2003, 69, 628-631.	1.3	42
126	Synthesis and antitubercular activity of quaternized promazine and promethazine derivatives. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1346-1348.	2.2	42

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127	Carbamidocyclophanes F and G with anti-Mycobacterium tuberculosis activity from the cultured freshwater cyanobacterium Nostoc sp.. Tetrahedron Letters, 2014, 55, 686-689.	1.4	42
128	Development of (6R)-2-Nitro-6-[4-(trifluoromethoxy)phenoxy]-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (DNDI-8219): A New Lead for Visceral Leishmaniasis. Journal of Medicinal Chemistry, 2018, 61, 2329-2352.	6.4	42
129	Antimycobacterial Activities of Dehydrocostus Lactone and Its Oxidation Products. Journal of Natural Products, 1998, 61, 1181-1186.	3.0	41
130	Antitubercular Activity and Inhibitory Effect on Epstein-Barr Virus Activation of Sterols and Polyisoprenepolyols from an Edible Mushroom, Hypsizigus marmoreus. Biological and Pharmaceutical Bulletin, 2005, 28, 1117-1119.	1.4	41
131	Structureâ€“activity relationships of compounds targeting mycobacterium tuberculosis 1-deoxy-d-xylulose 5-phosphate synthase. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5320-5323.	2.2	41
132	Succinylphosphonate Esters Are Competitive Inhibitors of MenD That Show Active-Site Discrimination between Homologous Î±-Ketoglutarate-Decarboxylating Enzymes. Biochemistry, 2010, 49, 2672-2679.	2.5	41
133	Synthesis and inÂvitro antimalarial and antitubercular activity of gold(III) complexes containing thiosemicarbazone ligands. Journal of Organometallic Chemistry, 2011, 696, 3392-3396.	1.8	41
134	Design, synthesis and anti-tubercular evaluation of new 2-acylated and 2-alkylated amino-5-(4-(benzyloxy)phenyl)thiophene-3-carboxylic acid derivatives. Part 1. European Journal of Medicinal Chemistry, 2011, 46, 3551-3563.	5.5	41
135	Mycobacterium tuberculosisGrowth Inhibition by Constituents ofSapiumhaematospermum. Journal of Natural Products, 2004, 67, 598-603.	3.0	40
136	Novel thiolactoneâ€“isatin hybrids as potential antimalarial and antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2055-2058.	2.2	40
137	Structure-activity relationships for unit C pyridyl analogues of the tuberculosis drug bedaquiline. Bioorganic and Medicinal Chemistry, 2019, 27, 1283-1291.	3.0	39
138	Development of an extraction method for mycobacterial metabolome analysis. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 196-200.	2.8	38
139	Novel ring B abeo-sterols as growth inhibitors of Mycobacterium tuberculosis isolated from a Caribbean Sea sponge, Svenzea zeai. Tetrahedron Letters, 2007, 48, 8851-8854.	1.4	38
140	Antiâ€TB polyynes from the roots of Angelica sinensis. Phytotherapy Research, 2008, 22, 878-882.	5.8	38
141	Structural Basis for Catalysis of a Tetrameric Class IIa Fructose 1,6-Bisphosphate Aldolase from Mycobacterium tuberculosis. Journal of Molecular Biology, 2009, 386, 1038-1053.	4.2	38
142	Chlorinated Coumarins from the Polypore Mushroom Fomitopsis officinalis and Their Activity against Mycobacterium tuberculosis. Journal of Natural Products, 2013, 76, 1916-1922.	3.0	38
143	Scaffold-switching: An exploration of 5,6-fused bicyclic heteroaromatics systems to afford antituberculosis activity akin to the imidazo[1,2-a]pyridine-3-carboxylates. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3493-3498.	2.2	38
144	Putting Tuberculosis (TB) To Rest: Transformation of the Sleep Aid, Ambien, and â€œAnagramsâ€•Generated Potent Antituberculosis Agents. ACS Infectious Diseases, 2015, 1, 85-90.	3.8	38

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145	Antimycobacterial Triterpenes from Melia volkensii. Journal of Natural Products, 1999, 62, 546-548.	3.0	37
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