Laurent Kremer

List of Publications by Year
in descending order

247 papers	14,137 citations	16451 64 h-index	30087 103 g-index
258 all docs	258 docs citations	258 times ranked	10652 citing authors

#	Article	IF	Citations
1	MmpL3, the trehalose monomycolate transporter, is stable in solution in several detergents and can be reconstituted into peptidiscs. Protein Expression and Purification, 2022, 191, 106014.	1.3	3
2	1<i>H</i>â€‘1,2,3â€‘triazole embedded Isatinâ€‘Benzaldehydeâ€‘bis(heteronuclearhydrazones): design, synthesis, antimycobacterial, and cytotoxic evaluation. Chemical Biology and Drug Design, 2022, 99, 301-307.	3.2	7
3	Rough and smooth variants of Mycobacterium abscessus are differentially controlled by host immunity during chronic infection of adult zebrafish. Nature Communications, 2022, 13, 952.	12.8	23
4	Glycopeptidolipid glycosylation controls surface properties and pathogenicity in Mycobacterium abscessus. Cell Chemical Biology, 2022, 29, 910-924.e7.	5.2	12
5	Exploring Macrophage-Dependent Wound Regeneration During Mycobacterial Infection in Zebrafish. Frontiers in Immunology, 2022, 13, 838425.	4.8	5
6	Biochemical, structural, and functional studies reveal that MAB_4324c from <i>Mycobacterium abscessus</i> is an active tandem repeat <i>N</i>â€‘acetyltransferase. FEBS Letters, 2022, 596, 1516-1532.	2.8	3
7	Designing quinoline-isoniazid hybrids as potent anti-tubercular agents inhibiting mycolic acid biosynthesis. European Journal of Medicinal Chemistry, 2022, 239, 114531.	5.5	10
8	Intrabacterial lipid inclusions. , 2022, , 253-269.		2
9	Structural analysis of the <i>N</i>â€‘acetyltransferase Eis1 from <i>Mycobacterium abscessus</i> reveals the molecular determinants of its incapacity to modify aminoglycosides. Proteins: Structure, Function and Bioinformatics, 2021, 89, 94-106.	2.6	2
10	Intrabacterial lipid inclusions in mycobacteria: unexpected key players in survival and pathogenesis?. FEMS Microbiology Reviews, 2021, 45, .	8.6	13
11	Biological and Biochemical Evaluation of Isatin-Isoniazid Hybrids as Bactericidal Candidates against <i>Mycobacterium tuberculosis</i>. Antimicrobial Agents and Chemotherapy, 2021, 65, e0001121.	3.2	10
12	The Role of Macrophages During Zebrafish Injury and Tissue Regeneration Under Infectious and Non-Infectious Conditions. Frontiers in Immunology, 2021, 12, 707824.	4.8	10
13	The Role of Macrophages During Mammalian Tissue Remodeling and Regeneration Under Infectious and Non-Infectious Conditions. Frontiers in Immunology, 2021, 12, 707856.	4.8	6
14	Conserved and specialized functions of Type VII secretion systems in non-tuberculous mycobacteria. Microbiology (United Kingdom), 2021, 167, .	1.8	14
15	Synthesis and biological evaluation of 3,4-dihydro-1H-[1,4] oxazepino [6,5,4-hi] indol-1-ones and 4,6-dihydrooxepino [5,4,3-cd] indol-1(3H)-ones as Mycobacterium tuberculosis inhibitors. Bioorganic and Medicinal Chemistry, 2021, 43, 116248.	3.0	6
16	Mycobacteriophageâ€“antibiotic therapy promotes enhanced clearance of drug-resistant <i>Mycobacterium abscessus</i>. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	22
17	Mycobacterium abscessus. Trends in Microbiology, 2021, 29, 951-952.	7.7	11
18	Elimination of PknL and MSMEG_4242 in Mycobacterium smegmatis alters the character of the outer cell envelope and selects for mutations in Lsr2. Cell Surface, 2021, 7, 100060.	3.0	3

#	ARTICLE	IF	CITATIONS
19	Efficacy of epetraborole against Mycobacterium abscessus is increased with norvaline. PLoS Pathogens, 2021, 17, e1009965.	4.7	19
20	Active Benzimidazole Derivatives Targeting the MmpL3 Transporter in <i>Mycobacterium abscessus</i>. ACS Infectious Diseases, 2020, 6, 324-337.	3.8	44
21	Dissecting <i>erm</i> (41)-Mediated Macrolide-Inducible Resistance in Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	43
22	The crystal structure of the mycobacterial trehalose monomycolate transport factor A, TtfA, reveals an atypical fold. Proteins: Structure, Function and Bioinformatics, 2020, 88, 809-815.	2.6	8
23	Design and synthesis of 4-Aminoquinoline-isoindoline-dione-isoniazid triads as potential anti-mycobacterials. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127576.	2.2	11
24	Self-control of vitamin K2 production captured in the crystal. Journal of Biological Chemistry, 2020, 295, 3771-3772.	3.4	2
25	CFTR Depletion Confers Hypersusceptibility to Mycobacterium fortuitum in a Zebrafish Model. Frontiers in Cellular and Infection Microbiology, 2020, 10, 357.	3.9	14
26	The roles of tetraspanins in bacterial infections. Cellular Microbiology, 2020, 22, e13260.	2.1	14
27	<i>O</i>-Methylation of the Glycopeptidolipid Acyl Chain Defines Surface Hydrophobicity of <i>Mycobacterium abscessus</i> and Macrophage Invasion. ACS Infectious Diseases, 2020, 6, 2756-2770.	3.8	12
28	Rifabutin Is Bactericidal against Intracellular and Extracellular Forms of Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	33
29	Functional Characterization of the N-Acetylmuramyl-l-Alanine Amidase, Ami1, from Mycobacterium abscessus. Cells, 2020, 9, 2410.	4.1	6
30	Synergistic Interactions of Indole-2-Carboxamides and Î²-Lactam Antibiotics against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	12
31	Synthesis and evaluation of heterocycle structures as potential inhibitors of Mycobacterium tuberculosis UGM. Bioorganic and Medicinal Chemistry, 2020, 28, 115579.	3.0	12
32	Discovery of the first Mycobacterium tuberculosis MabA (FabG1) inhibitors through a fragment-based screening. European Journal of Medicinal Chemistry, 2020, 200, 112440.	5.5	13
33	Structureâ€Based Design and Synthesis of Piperidinolâ€Containing Molecules as New <i>Mycobacterium abscessus</i> Inhibitors. ChemistryOpen, 2020, 9, 351-365.	1.9	15
34	The endogenous galactofuranosidase GlfH1 hydrolyzes mycobacterial arabinogalactan. Journal of Biological Chemistry, 2020, 295, 5110-5123.	3.4	14
35	Non-tuberculous mycobacteria and the rise of Mycobacterium abscessus. Nature Reviews Microbiology, 2020, 18, 392-407.	28.6	407
36	Fast chemical force microscopy demonstrates that glycopeptidolipids define nanodomains of varying hydrophobicity on mycobacteria. Nanoscale Horizons, 2020, 5, 944-953.	8.0	27

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37	Large Extracellular Cord Formation in a Zebrafish Model of Mycobacterium kansasii Infection. Journal of Infectious Diseases, 2020, 222, 1046-1050.	4.0	13
38	Efficacy of Bedaquiline, Alone or in Combination with Imipenem, against Mycobacterium abscessus in C3HeB/FeJ Mice. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	31
39	The TetR Family Transcription Factor MAB_2299c Regulates the Expression of Two Distinct MmpS-MmpL Efflux Pumps Involved in Cross-Resistance to Clofazimine and Bedaquiline in Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	29
40	Cyclipostins and Cyclophostin Analogues as Multitarget Inhibitors That Impair Growth of <i>Mycobacterium abscessus</i>. ACS Infectious Diseases, 2019, 5, 1597-1608.	3.8	30
41	1 <i>H</i> -Benzo[<i>d</i>]Imidazole Derivatives Affect MmpL3 in Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	25
42	Crystal structure of the aminoglycosides <i>N</i>â€acetyltransferase Eis2 from <i>MycobacteriumÂabscessus</i>. FEBS Journal, 2019, 286, 4342-4355.	4.7	14
43	A piperidinol-containing molecule is active against Mycobacterium tuberculosis by inhibiting the mycolic acid flippase activity of MmpL3. Journal of Biological Chemistry, 2019, 294, 17512-17523.	3.4	32
44	Lsr2 Is an Important Determinant of Intracellular Growth and Virulence in Mycobacterium abscessus. Frontiers in Microbiology, 2019, 10, 905.	3.5	21
45	Variedly connected 1,8-naphthalimide-7-chloroquinoline conjugates: Synthesis, anti-mycobacterial and cytotoxic evaluation. Bioorganic Chemistry, 2019, 92, 103241.	4.1	11
46	Verapamil Improves the Activity of Bedaquiline against Mycobacterium abscessusIn Vitro and in Macrophages. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	15
47	Nitrogen deprivation induces triacylglycerol accumulation, drug tolerance and hypervirulence in mycobacteria. Scientific Reports, 2019, 9, 8667.	3.3	31
48	Dissecting the membrane lipid binding properties and lipase activity ofMycobacteriumÂtuberculosisLipY domains. FEBS Journal, 2019, 286, 3164-3181.	4.7	14
49	Synthesis, anti-mycobacterial and cytotoxic evaluation of substituted isoindoline-1,3-dione-4-aminoquinolines coupled <i>via</i> alkyl/amide linkers. RSC Advances, 2019, 9, 8515-8528.	3.6	9
50	Detection of Mycobacterium tuberculosis in paucibacillary sputum: performances of the Xpert MTB/RIF ultra compared to the Xpert MTB/RIF, and IS6110 PCR. Diagnostic Microbiology and Infectious Disease, 2019, 94, 365-370.	1.8	25
51	Design, synthesis, antiâ€mycobacterial and cytotoxic evaluation of Câ€4 functionalized 1,8â€naphthalimideâ€heterocyclic hydrazide conjugates. Chemical Biology and Drug Design, 2019, 94, 1300-1305.	3.2	8
52	CFTR Protects against Mycobacterium abscessus Infection by Fine-Tuning Host Oxidative Defenses. Cell Reports, 2019, 26, 1828-1840.e4.	6.4	58
53	Mutations in the MAB_2299c TetR Regulator Confer Cross-Resistance to Clofazimine and Bedaquiline in <i>Mycobacterium abscessus</i>. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	55
54	Alkylated/aminated nitroimidazoles and nitroimidazole-7-chloroquinoline conjugates: Synthesis and anti-mycobacterial evaluation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1309-1312.	2.2	16

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55	Identification of genes required for <i>Mycobacterium abscessus</i> growth in vivo with a prominent role of the ESX-4 locus. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1002-E1011.	7.1	98
56	Cyclophostin and Cyclipostins analogues, new promising molecules to treat mycobacterial-related diseases. International Journal of Antimicrobial Agents, 2018, 51, 651-654.	2.5	25
57	Cyclipostins and cyclophostin analogs inhibit the antigen 85C from Mycobacterium tuberculosis both in vitro and in vivo. Journal of Biological Chemistry, 2018, 293, 2755-2769.	3.4	37
58	MmpL8 _{MAB} controls <i>Mycobacterium abscessus</i> virulence and production of a previously unknown glycolipid family. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10147-E10156.	7.1	42
59	Optimized Lysis-Extraction Method Combined With IS6110-Amplification for Detection of Mycobacterium tuberculosis in Paucibacillary Sputum Specimens. Frontiers in Microbiology, 2018, 9, 2224.	3.5	12
60	B cells response directed against Cut4 and CFP21 lipolytic enzymes in active and latent tuberculosis infections. PLoS ONE, 2018, 13, e0196470.	2.5	4
61	Structural rearrangements occurring upon cofactor binding in the Mycobacterium smegmatis Î2-ketoacyl-acyl carrier protein reductase MabA. Acta Crystallographica Section D: Structural Biology, 2018, 74, 383-393.	2.3	6
62	Neutrophil killing of Mycobacterium abscessus by intra- and extracellular mechanisms. PLoS ONE, 2018, 13, e0196120.	2.5	26
63	Synthesis and Antimycobacterial Evaluation of Piperazylâ€alkylâ€Ether Linked 7â€Chloroquinolineâ€Chalcone/Ferrocenyl Chalcone Conjugates. ChemistrySelect, 2018, 3, 8511-8513.	1.5	11
64	A Simple and Rapid Gene Disruption Strategy in Mycobacterium abscessus: On the Design and Application of Glycopeptidolipid Mutants. Frontiers in Cellular and Infection Microbiology, 2018, 8, 69.	3.9	29
65	Mechanistic and Structural Insights Into the Unique TetR-Dependent Regulation of a Drug Efflux Pump in Mycobacterium abscessus. Frontiers in Microbiology, 2018, 9, 649.	3.5	27
66	Glycopeptidolipids, a Double-Edged Sword of the Mycobacterium abscessus Complex. Frontiers in Microbiology, 2018, 9, 1145.	3.5	80
67	Delineating the Physiological Roles of the PE and Catalytic Domains of LipY in Lipid Consumption in Mycobacterium-Infected Foamy Macrophages. Infection and Immunity, 2018, 86, .	2.2	24
68	Resistance to Thiacetazone Derivatives Active against Mycobacterium abscessus Involves Mutations in the MmpL5 Transcriptional Repressor MAB_4384. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	51
69	Binding of NADP+ triggers an open-to-closed transition in a mycobacterial FabG Î2-ketoacyl-ACP reductase. Biochemical Journal, 2017, 474, 907-921.	3.7	12
70	The influence of AccD5 on AccD6 carboxyltransferase essentiality in pathogenic and non-pathogenic Mycobacterium. Scientific Reports, 2017, 7, 42692.	3.3	9
71	Natural and Synthetic Flavonoids as Potent <i>Mycobacterium tuberculosis</i> UGM Inhibitors. Chemistry - A European Journal, 2017, 23, 10423-10429.	3.3	31
72	Organometallic tosyl hydrazones: Synthesis, characterization, crystal structures and in vitro evaluation for anti- Mycobacterium tuberculosis and antiproliferative activities. Polyhedron, 2017, 131, 40-45.	2.2	19

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73	Dry-Powder Inhaler Formulation of Rifampicin: An Improved Targeted Delivery System for Alveolar Tuberculosis. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2017, 30, 388-398.	1.4	18
74	Characterization of a mycobacterial cellulase and its impact on biofilm- and drug-induced cellulose production. Glycobiology, 2017, 27, 392-399.	2.5	20
75	Targeting Mycolic Acid Transport by Indole-2-carboxamides for the Treatment of <i>Mycobacterium abscessus</i> Infections. Journal of Medicinal Chemistry, 2017, 60, 5876-5888.	6.4	61
76	Acid-Fast Positive and Acid-Fast Negative <i>Mycobacterium tuberculosis</i> : The Koch Paradox. Microbiology Spectrum, 2017, 5, .	3.0	53
77	The diverse family of <scp>M</scp>mp<scp>L</scp> transporters in mycobacteria: from regulation to antimicrobial developments. Molecular Microbiology, 2017, 104, 889-904.	2.5	109
78	Azideâ€“alkyne cycloaddition en route to 4-aminoquinolineâ€“ferrocenylchalcone conjugates: synthesis and anti-TB evaluation. Future Medicinal Chemistry, 2017, 9, 1701-1708.	2.3	15
79	Cyclipostins and Cyclophostin analogs as promising compounds in the fight against tuberculosis. Scientific Reports, 2017, 7, 11751.	3.3	40
80	Identification of inhibitors targeting Mycobacterium tuberculosis cell wall biosynthesis via dynamic combinatorial chemistry. Chemical Communications, 2017, 53, 10632-10635.	4.1	27
81	Bedaquiline Inhibits the ATP Synthase in Mycobacterium abscessus and Is Effective in Infected Zebrafish. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	79
82	Microwaveâ€Assisted Highly Efficient Route to 4â€Aminoquinolineâ€Phthalimide Conjugates: Synthesis and Antiâ€Tubercular Evaluation. ChemistrySelect, 2017, 2, 10782-10785.	1.5	10
83	New cyrhetrenyl and ferrocenyl sulfonamides: Synthesis, characterization, X-ray crystallography, theoretical study and anti- Mycobacterium tuberculosis activity. Polyhedron, 2017, 134, 166-172.	2.2	38
84	1<i>H</i>â€1,2,3â€triazoleâ€tethered uracilâ€ferrocene and uracilâ€ferrocenylchalcone conjugates: Synthesis and antitubercular evaluation. Chemical Biology and Drug Design, 2017, 89, 856-861.	3.2	30
85	Current perspectives on the families of glycoside hydrolases of<i>Mycobacterium tuberculosis</i>: their importance and prospects for assigning function to unknowns. Glycobiology, 2017, 27, 112-122.	2.5	18
86	Attenuation of Mycobacterium species through direct and macrophage mediated pathway by unsymmetrical diaryl urea. European Journal of Medicinal Chemistry, 2017, 125, 825-841.	5.5	9
87	The Diverse Cellular and Animal Models to Decipher the Physiopathological Traits of Mycobacterium abscessus Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 100.	3.9	65
88	Controlling Extra- and Intramacrophagic Mycobacterium abscessus by Targeting Mycolic Acid Transport. Frontiers in Cellular and Infection Microbiology, 2017, 7, 388.	3.9	18
89	Severe inhibition of lipooligosaccharide synthesis induces TLR2-dependent elimination of Mycobacterium marinum from THP1-derived macrophages. Microbial Cell Factories, 2017, 16, 217.	4.0	3
90	Inhibition of the Î²-Lactamase Bla _{Mab} by Avibactam Improves the <i>In Vitro</i> and <i>In Vivo</i> Efficacy of Imipenem against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	73

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91	Experimental Models of Foamy Macrophages and Approaches for Dissecting the Mechanisms of Lipid Accumulation and Consumption during Dormancy and Reactivation of Tuberculosis. Frontiers in Cellular and Infection Microbiology, 2016, 6, 122.	3.9	68
92	A new piperidinol derivative targeting mycolic acid transport in <i>Mycobacterium abscessus</i>. Molecular Microbiology, 2016, 101, 515-529.	2.5	100
93	A unique PE_PGRS protein inhibiting host cell cytosolic defenses and sustaining full virulence of<i>Mycobacterium marinum</i>in multiple hosts. Cellular Microbiology, 2016, 18, 1489-1507.	2.1	25
94	Deletion of a dehydratase important for intracellular growth and cording renders rough <i>Mycobacterium abscessus</i> avirulent. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4228-37.	7.1	67
95	The distinct fate of smooth and rough<i>Mycobacterium abscessus</i>variants inside macrophages. Open Biology, 2016, 6, 160185.	3.6	132
96	Insights into the smoothâ€toâ€rough transitioning in <i>Mycobacterium bolletii</i> unravels a functional Tyr residue conserved in all mycobacterial MmpL family members. Molecular Microbiology, 2016, 99, 866-883.	2.5	82
97	MgtC as a Host-Induced Factor and Vaccine Candidate against Mycobacterium abscessus Infection. Infection and Immunity, 2016, 84, 2895-2903.	2.2	36
98	<i><scp>MAB</scp>_3551c</i> encodes the primary triacylglycerol synthase involved in lipid accumulation in <scp><i>M</i></scp><i>ycobacterium abscessus</i>. Molecular Microbiology, 2016, 102, 611-627.	2.5	37
99	Identification of KasA as the cellular target of an anti-tubercular scaffold. Nature Communications, 2016, 7, 12581.	12.8	72
100	Use of the <i>Salmonella</i> MgtR peptide as an antagonist of the <i>Mycobacterium</i> MgtC virulence factor. Future Microbiology, 2016, 11, 215-225.	2.0	13
101	Mycobacterium lutetiense sp. nov., Mycobacterium montmartrense sp. nov. and Mycobacterium arcueilense sp. nov., members of a novel group of non-pigmented rapidly growing mycobacteria recovered from a water distribution system. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3694-3702.	1.7	23
102	Mycobacterium abscessus-Induced Granuloma Formation Is Strictly Dependent on TNF Signaling and Neutrophil Trafficking. PLoS Pathogens, 2016, 12, e1005986.	4.7	78
103	Î²-Lactamase inhibition by avibactam in <i>Mycobacterium abscessus</i>. Journal of Antimicrobial Chemotherapy, 2015, 70, 1051-1058.	3.0	126
104	A new dehydratase conferring innate resistance to thiacetazone and intraâ€amoebal survival of <scp><i>M</i></scp><i>ycobacterium smegmatis</i>. Molecular Microbiology, 2015, 96, 1085-1102.	2.5	19
105	Deciphering and Imaging Pathogenesis and Cording of Mycobacterium abscessus in Zebrafish Embryos. Journal of Visualized Experiments, 2015, , .	0.3	48
106	Recent advances and therapeutic journey of coumarins: current status and perspectives. Medicinal Chemistry Research, 2015, 24, 2771-2798.	2.4	107
107	Palladium (II) and platinum (II) complexes containing organometallic thiosemicarbazone ligands: Synthesis, characterization, X-ray structures and antitubercular evaluation. Inorganic Chemistry Communication, 2015, 55, 139-142.	3.9	26
108	Cyrhetrenyl and ferrocenyl 1,3,4-thiadiazole derivatives: Synthesis, characterization, crystal structures and in vitro antitubercular activity. Inorganic Chemistry Communication, 2015, 55, 48-50.	3.9	24

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109	Phosphorylation of KasB Regulates Virulence and Acid-Fastness in Mycobacterium tuberculosis. PLoS Pathogens, 2014, 10, e1004115.	4.7	63
110	Acetic Acid, the Active Component of Vinegar, Is an Effective Tuberculocidal Disinfectant. MBio, 2014, 5, e00013-14.	4.1	45
111	In vitro evaluation of a new drug combination against clinical isolates belonging to the Mycobacterium abscessus complex. Clinical Microbiology and Infection, 2014, 20, O1124-O1127.	6.0	52
112	Overexpression of the<i>Salmonella</i>KdpF membrane peptide modulates expression of<i>kdp</i>genes and intramacrophage growth. FEMS Microbiology Letters, 2014, 359, 34-41.	1.8	5
113	The Molecular Genetics of Mycolic Acid Biosynthesis. Microbiology Spectrum, 2014, 2, MGM2-0003-2013.	3.0	42
114	<i>Mycobacterium abscessus</i> cording prevents phagocytosis and promotes abscess formation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E943-52.	7.1	314
115	4â€Aminoquinolineâ€<i>Î²</i>â€Lactam Conjugates: Synthesis, Antimalarial, and Antitubercular Evaluation. Chemical Biology and Drug Design, 2014, 83, 191-197.	3.2	30
116	7â€Chloroquinolineâ€"isatin Conjugates: Antimalarial, Antitubercular, and Cytotoxic Evaluation. Chemical Biology and Drug Design, 2014, 83, 622-629.	3.2	50
117	Synthesis, characterization and inÂvitro anti-Trypanosoma cruzi and anti-Mycobacterium tuberculosis evaluations of cyrhetrenyl and ferrocenyl thiosemicarbazones. Journal of Organometallic Chemistry, 2014, 755, 1-6.	1.8	41
118	Increased Phagocytosis of Mycobacterium marinum Mutants Defective in Lipooligosaccharide Production. Journal of Biological Chemistry, 2014, 289, 215-228.	3.4	29
119	<i>In Vivo</i> Assessment of Drug Efficacy against Mycobacterium abscessus Using the Embryonic Zebrafish Test System. Antimicrobial Agents and Chemotherapy, 2014, 58, 4054-4063.	3.2	81
120	The Mycobacterium tuberculosis transcriptional repressor EthR is negatively regulated by Serine/Threonine phosphorylation. Biochemical and Biophysical Research Communications, 2014, 446, 1132-1138.	2.1	22
121	Design, synthesis and docking studies of some novel (R)-2-(4â€²-chlorophenyl)-3-(4â€²-nitrophenyl)-1,2,3,5-tetrahydrobenzo[4,5] imidazo [1,2-c]pyrimidin-4-ol derivatives as antitubercular agents. European Journal of Medicinal Chemistry, 2014, 83, 245-255.	5.5	28
122	Mycobacterium marinum MgtC Plays a Role in Phagocytosis but is Dispensable for Intracellular Multiplication. PLoS ONE, 2014, 9, e116052.	2.5	21
123	Extraction and Purification of Mycobacterial Mycolic Acids. Bio-protocol, 2014, 4, .	0.4	4
124	Synthesis and Antitubercular Evaluation of Some Novel 1,2,3,6-tetrahydropyrimidine-5-carbonitrile. Journal of Advances in Chemistry, 2014, 9, 2072-2077.	0.1	3
125	Identification and characterisation of small-molecule inhibitors of Rv3097c-encoded lipase (LipY) of Mycobacterium tuberculosis that selectively inhibit growth of bacilli in hypoxia. International Journal of Antimicrobial Agents, 2013, 42, 27-35.	2.5	31
126	Base-Promoted Expedient Access to Spiroisatins: Synthesis and Antitubercular Evaluation of 1<i>H</i>-1,2,3-Triazole-Tethered Spiroisatinâ€"Ferrocene and Isatinâ€"Ferrocene Conjugates. Organometallics, 2013, 32, 7386-7398.	2.3	26

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127	Mycobacterium tuberculosis S-adenosyl-l-homocysteine hydrolase is negatively regulated by Ser/Thr phosphorylation. Biochemical and Biophysical Research Communications, 2013, 430, 858-864.	2.1	14
128	Point Mutations within the Fatty Acid Synthase Type II Dehydratase Components HadA or HadC Contribute to Isoxyl Resistance in Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2013, 57, 629-632.	3.2	30
129	1<i>H</i>-1,2,3-Triazole-Tethered Isatinâ€“Ferrocene and Isatinâ€“Ferrocenylchalcone Conjugates: Synthesis and in Vitro Antitubercular Evaluation. Organometallics, 2013, 32, 5713-5719.	2.3	81
130	Antituberculosis thiophenes define a requirement for Pks13 in mycolic acid biosynthesis. Nature Chemical Biology, 2013, 9, 499-506.	8.0	129
131	Azideâ€“alkynecycloadditionen route towards 1H-1,2,3-triazole-tethered Î²-lactamâ€“ferrocene and Î²-lactamâ€“ferrocenylchalcone conjugates: synthesis and in vitro anti-tubercular evaluation. Dalton Transactions, 2013, 42, 1492-1500.	3.3	49
132	Mycobacterial lipolytic enzymes: A gold mine for tuberculosis research. Biochimie, 2013, 95, 66-73.	2.6	59
133	Exposure to a Cutinase-like Serine Esterase Triggers Rapid Lysis of Multiple Mycobacterial Species. Journal of Biological Chemistry, 2013, 288, 382-392.	3.4	12
134	Keto-Mycolic Acid-Dependent Pellicle Formation Confers Tolerance to Drug-Sensitive Mycobacterium tuberculosis. MBio, 2013, 4, e00222-13.	4.1	103
135	Mycobacterium tuberculosis Maltosyltransferase GlgE, a Genetically Validated Antituberculosis Target, Is Negatively Regulated by Ser/Thr Phosphorylation. Journal of Biological Chemistry, 2013, 288, 16546-16556.	3.4	33
136	Synthesis, Antitubercular Activity and Mechanism of Resistance of Highly Effective Thiacetazone Analogues. PLoS ONE, 2013, 8, e53162.	2.5	60
137	Overexpression of the KdpF Membrane Peptide in Mycobacterium bovis BCG Results in Reduced Intramacrophage Growth and Altered Cording Morphology. PLoS ONE, 2013, 8, e60379.	2.5	14
138	The C-Terminal Domain of the Virulence Factor MgtC Is a Divergent ACT Domain. Journal of Bacteriology, 2012, 194, 6255-6263.	2.2	8
139	Antitubercular Activity of Disulfiram, an Antialcoholism Drug, against Multidrug- and Extensively Drug-Resistant Mycobacterium tuberculosis Isolates. Antimicrobial Agents and Chemotherapy, 2012, 56, 4140-4145.	3.2	55
140	Phosphorylation of Mycobacterial PcaA Inhibits Mycolic Acid Cyclopropanation. Journal of Biological Chemistry, 2012, 287, 26187-26199.	3.4	56
141	Exposure of Mycobacteria to Cell Wall-inhibitory Drugs Decreases Production of Arabinoglycerolipid Related to Mycolyl-arabinogalactan-peptidoglycan Metabolism. Journal of Biological Chemistry, 2012, 287, 11060-11069.	3.4	36
142	Structural Determination and Toll-like Receptor 2-dependent Proinflammatory Activity of Dimycolyl-diarabino-glycerol from Mycobacterium marinum*. Journal of Biological Chemistry, 2012, 287, 34432-34444.	3.4	15
143	Identification of the Mycobacterium marinum Apa antigen O-mannosylation sites reveals important glycosylation variability with the M. tuberculosis Apa homologue. Journal of Proteomics, 2012, 75, 5695-5705.	2.4	8
144	CR3-dependent negative regulation of human eosinophils by Mycobacterium bovis BCG lipoarabinomannan. Immunology Letters, 2012, 143, 202-207.	2.5	6

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