Dharmarajan Sriram

List of Publications by Year
in descending order

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189	4,954	94433	175258
papers	citations	37 h-index	52 g-index

189	189	189	5442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aryl-n-hexanamide linked enaminones of usnic acid as promising antimicrobial agents. Molecular Diversity, 2023, 27, 811-836.	3.9	3
2	Novel fluoroquinolones containing 2â€arylaminoâ€2â€oxoethyl fragment: Design, synthesis, evaluation of antibacterial and antituberculosis activities and molecular modeling studies. Journal of Heterocyclic Chemistry, 2022, 59, 909-926.	2.6	9
3	Synthesis and biological evaluation of isatin oxime ether-tethered aryl 1H-1,2,3-triazoles as inhibitors ofMycobacterium tuberculosis. New Journal of Chemistry, 2022, 46, 2863-2874.	2.8	12
4	Indoleâ€2â€carboxamides as New Antiâ€Mycobacterial Agents: Design, Synthesis, Biological Evaluation and Molecular Modeling against mmpL3. ChemistrySelect, 2022, 7, .	1.5	7
5	Indole-fused spirochromenes as potential anti-tubercular agents: design, synthesis and in vitro evaluation. Molecular Diversity, 2021, 25, 2137-2148.	3.9	13
6	Synthesis and antimicrobial evaluation of new nitric oxideâ€donating fluoroquinolone/oxime hybrids. Archiv Der Pharmazie, 2021, 354, e2000180.	4.1	11
7	Design and characterisation of piperazine-benzofuran integrated dinitrobenzenesulfonamide as Mycobacterium tuberculosis H37Rv strain inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1751-1759.	5.2	6
8	Sacubitrilâ€Based Urea and Thiourea Derivatives as Novel Inhibitors for Antiâ€Tubercular against Dormant Tuberculosis. ChemistrySelect, 2021, 6, 3869-3874.	1.5	16
9	Stereoselective synthesis and discovery of novel spirooxindolopyrrolidine engrafted indandione heterocyclic hybrids as antimycobacterial agents. Bioorganic Chemistry, 2021, 110, 104798.	4.1	20
10	3â€Arylâ€substituted imidazo[1,2â€a]pyridines as antituberculosis agents. Archiv Der Pharmazie, 2021, 354, e2000419.	4.1	4
11	Antihypernociceptive effects of Petersianthus macrocarpus stem bark on neuropathic pain induced by chronic constriction injury in rats. Inflammopharmacology, 2021, 29, 1241-1253.	3.9	2
12	e-Pharmacophore model-guided design of potential DprE1 inhibitors: synthesis, in vitro antitubercular assay and molecular modelling studies. Chemical Papers, 2021, 75, 5571-5585.	2.2	6
13	Lead derivatization of ethyl 6-bromo-2-((dimethylamino)methyl)-5-hydroxy-1-phenyl-1H-indole-3-carboxylate and 5-bromo-2-(thiophene-2-carboxamido) benzoic acid as FabG inhibitors targeting ESKAPE pathogens. European Journal of Medicinal Chemistry, 2021, , 113976.	5.5	1
14	Synthesis and bioevaluation of Î±,Î±â€™-bis(1H-1,2,3-triazol-5-ylmethylene) ketones. Chemical Papers, 2020, 74, 809-820.	2.2	5
15	Discovery of hydrazone containing thiadiazoles as Mycobacterium tuberculosis growth and enoyl acyl carrier protein reductase (InhA) inhibitors. European Journal of Medicinal Chemistry, 2020, 188, 112035.	5.5	26
16	Usnic Acid Enaminone-Coupled 1,2,3-Triazoles as Antibacterial and Antitubercular Agents. Journal of Natural Products, 2020, 83, 26-35.	3.0	50
17	Synthesis, bioevaluation and molecular docking study of new piperazine and amide linked dimeric 1,2,3-triazoles. Synthetic Communications, 2020, 50, 271-288.	2.1	17
18	Design and synthesis of purine connected piperazine derivatives as novel inhibitors of Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127512.	2.2	23

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19	Design and synthesis of new indanol-1,2,3-triazole derivatives as potent antitubercular and antimicrobial agents. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127579.	2.2	24
20	1,3-Disubstituted urea derivatives: Synthesis, antimicrobial activity evaluation and in silico studies. Bioorganic Chemistry, 2020, 102, 104104.	4.1	22
21	Synthesis of novel 4,5â€dihydropyrrolo[1,2â€•a]quinoxalines, pyrrolo[1,2â€•a]quinoxalin]â€2â€•ones and their antituberculosis and anticancer activity. Archiv Der Pharmazie, 2020, 353, 2000192.	4.1	8
22	Novel isoniazid embedded triazole derivatives: Synthesis, antitubercular and antimicrobial activity evaluation. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127434.	2.2	31
23	Pyrazoleâ€“coumarin and pyrazoleâ€“quinoline chalcones as potential antitubercular agents. Archiv Der Pharmazie, 2020, 353, e2000077.	4.1	36
24	Design, synthesis and biological evaluation of novel Pseudomonas aeruginosa DNA gyrase B inhibitors. Bioorganic Chemistry, 2020, 100, 103905.	4.1	5
25	Synthesis of novel 5-chloro-2-(thiophen-2-yl)-7,8-dihydroquinoline-6-carboxamides as potent inhibitors of Mycobacterium tuberculosis. Monatshefte FÃ¼r Chemie, 2020, 151, 405-415.	1.8	1
26	Synthesis of isoniazidâ€1,2,3â€triazole conjugates: Antitubercular, antimicrobial evaluation and molecular docking study. Journal of Heterocyclic Chemistry, 2020, 57, 3544-3557.	2.6	14
27	Design and development of ((4-methoxyphenyl)carbamoyl) (5-(5-nitrothiophen-2-yl)-1,3,4-thiadiazol-2-yl)amide analogues as Mycobacterium tuberculosis ketol-acid reductoisomerase inhibitors. European Journal of Medicinal Chemistry, 2020, 193, 112178.	5.5	12
28	Synthesis and efficacy of pyrvinium-inspired analogs against tuberculosis and malaria pathogens. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127037.	2.2	7
29	Novel pyrazine based anti-tubercular agents: Design, synthesis, biological evaluation and in silico studies. Bioorganic Chemistry, 2020, 96, 103610.	4.1	38
30	Synthesis, in vitro, and in vivo (Zebra fish) antitubercular activity of 7,8-dihydroquinolin-5(6H)-ylidenehydrazinecarbothioamides. Bioorganic Chemistry, 2020, 96, 103626.	4.1	12
31	Anti-tubercular activity of novel class of spiropyrrolidine tethered indenoquinoxaline heterocyclic hybrids. Bioorganic Chemistry, 2020, 99, 103799.	4.1	24
32	Design and synthesis of thiourea-based derivatives as Mycobacterium tuberculosis growth and enoyl acyl carrier protein reductase (InhA) inhibitors. European Journal of Medicinal Chemistry, 2020, 199, 112402.	5.5	27
33	Regio- and diastereoselective synthesis of spiropyrroloquinoxaline grafted indole heterocyclic hybrids and evaluation of their anti-Mycobacterium tuberculosis activity. RSC Advances, 2020, 10, 23522-23531.	3.6	21
34	5-Chloro-2-thiophenyl-1,2,3-triazolylmethyldihydroquinolines as dual inhibitors of Mycobacterium tuberculosis and influenza virus: Synthesis and evaluation. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2664-2669.	2.2	9
35	Design and Synthesis of New Aryloxyâ€linked Dimeric 1,2,3â€Triazoles via Click Chemistry Approach: Biological Evaluation and Molecular Docking Study. Journal of Heterocyclic Chemistry, 2019, 56, 2144-2162.	2.6	15
36	Synthesis of Disulfideâ€Bridged N â€Phenylâ€•N â€²â€(alkyl/aryl/heteroaryl)urea Derivatives and Evaluation of Their Antimicrobial Activities. Chemistry and Biodiversity, 2019, 16, e1900461.	2.1	2

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37	Discovery and evaluation of novel Mycobacterium tuberculosis ketol-acid reductoisomerase inhibitors as therapeutic drug leads. Journal of Computer-Aided Molecular Design, 2019, 33, 357-366.	2.9	38
38	New fluoroquinolones/nitric oxide donor hybrids: design, synthesis and antitubercular activity. Medicinal Chemistry Research, 2019, 28, 1272-1283.	2.4	9
39	Synthesis and biological evaluation of 2,4,5-trisubstituted thiazoles as antituberculosis agents effective against drug-resistant tuberculosis. European Journal of Medicinal Chemistry, 2019, 178, 315-328.	5.5	30
40	Targeting HIVâ€TB coinfection by developing novel piperidinâ€4â€substituted imines: Design, synthesis, in vitro and in silico studies. Archiv Der Pharmazie, 2019, 352, 1800358.	4.1	4
41	Synthesis, antitubercular evaluation and molecular docking studies of phthalimide bearing 1,2,3-triazoles. Synthetic Communications, 2019, 49, 2017-2028.	2.1	41
42	Design, synthesis and molecular modeling studies on novel moxifloxacin derivatives as potential antibacterial and antituberculosis agents. Bioorganic Chemistry, 2019, 88, 102965.	4.1	19
43	Ultrasonication-ionic liquid synergy for the synthesis of new potent anti-tuberculosis 1,2,4-triazol-1-yl-pyrazole based spirooxindolopyrrolizidines. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1682-1687.	2.2	42
44	Novel 1,3,4-oxadiazoles as antitubercular agents with limited activity against drug-resistant tuberculosis. Future Medicinal Chemistry, 2019, 11, 499-510.	2.3	26
45	Expansion of a novel lead targeting M. tuberculosis DHFR as antitubercular agents. Bioorganic and Medicinal Chemistry, 2019, 27, 1421-1429.	3.0	13
46	The design and green synthesis of novel benzotriazoloquinolinyl spirooxindolopyrrolizidines: antimycobacterial and antiproliferative studies. New Journal of Chemistry, 2019, 43, 17511-17520.	2.8	17
47	Synthesis of novel morpholine, thiomorpholine and N-substituted piperazine coupled 2-(thiophen-2-yl)dihydroquinolines as potent inhibitors of Mycobacterium tuberculosis. European Journal of Medicinal Chemistry, 2019, 164, 171-178.	5.5	23
48	Synthesis and evaluation of Î±-aminoacyl amides as antitubercular agents effective on drug resistant tuberculosis. European Journal of Medicinal Chemistry, 2019, 164, 665-677.	5.5	20
49	Synthesis and biological evaluation of 1H-pyrrolo[2,3-d]pyrimidine-1,2,3-triazole derivatives as novel anti-tubercular agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 284-290.	2.2	41
50	Synthesis and evaluation of novel substituted 1,2,3-triazolyldihydroquinolines as promising antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 529-533.	2.2	23
51	Some New Hydrazone Derivatives Bearing the 1,2,4-Triazole Moiety as Potential Antimycobacterial Agents. Turkish Journal of Pharmaceutical Sciences, 2019, 16, 432-436.	1.4	5
52	In silico design of small peptides antagonist against leptin receptor for the treatment of obesity and its associated immune-mediated diseases. Journal of Molecular Graphics and Modelling, 2018, 82, 20-36.	2.4	12
53	Design, Synthesis, and in vitro antitubercular activity of 1,2,3â€triazolylâ€dihydroquinoline derivatives. Chemical Biology and Drug Design, 2018, 92, 1315-1323.	3.2	5
54	Synthesis and evaluation of 4â€²,5â€²-dihydrospiro[piperidine-4,7â€²-thieno[2,3-c]pyran] analogues against both active and dormant Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2018, 26, 1462-1469.	3.0	12

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55	Identification and development of benzoxazole derivatives as novel bacterial glutamate racemase inhibitors. European Journal of Medicinal Chemistry, 2018, 145, 23-34.	5.5	26
56	Dibenzofuran, dibenzothiophene and N-methyl carbazole tethered 2-aminothiazoles and their cinnamamides as potent inhibitors of Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1610-1614.	2.2	20
57	Discovery of novel inhibitors of Mycobacterium tuberculosis MurG: homology modelling, structure based pharmacophore, molecular docking, and molecular dynamics simulations. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3184-3198.	3.5	40
58	Lead identification and optimization of bacterial glutamate racemase inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 177-190.	3.0	10
59	Rational design of coumarin derivatives as antituberculosis agents. Future Medicinal Chemistry, 2018, 10, 2431-2444.	2.3	8
60	Clickable conjugates of bile acids and nucleosides: Synthesis, characterization, in vitro anticancer and antituberculosis studies. Steroids, 2018, 139, 35-44.	1.8	19
61	Structure-based design of some isonicotinic acid hydrazide analogues as potential antitubercular agents. Bioorganic Chemistry, 2018, 80, 721-732.	4.1	14
62	Amsacrine Derivatives Selectively Inhibit Mycobacterial Topoisomerase I (TopA), Impair M. smegmatis Growth and Disturb Chromosome Replication. Frontiers in Microbiology, 2018, 9, 1592.	3.5	24
63	Identification and development of novel indazole derivatives as potent bacterial peptidoglycan synthesis inhibitors. International Journal of Mycobacteriology, 2018, 7, 76.	0.6	3
64	Layer-by-Layer Thin Films for Co-Delivery of TGF-Î² siRNA and Epidermal Growth Factor to Improve Excisional Wound Healing. AAPS PharmSciTech, 2017, 18, 809-820.	3.3	29
65	Polymerâ€“gold nanoparticle composite films for topical application: Evaluation of physical properties and antibacterial activity. Polymer Composites, 2017, 38, 2829-2840.	4.6	14
66	A Facile Synthesis and Antituberculosis Properties of Almazole D and Its Enantiomer. ChemistrySelect, 2017, 2, 1250-1252.	1.5	12
67	A robust synthesis of functionalized 2 H -indazoles via solid state melt reaction (SSMR) and their anti-tubercular activity. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1593-1597.	2.2	30
68	Three-component, one-pot synthesis of anthranilamide Schiff bases bearing 4-aminoquinoline moiety as Mycobacterium tuberculosis gyrase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1859-1866.	2.2	18
69	Design, synthesis, and in vitro antituberculosis activity of benzo[6,7]cyclohepta[1,2â€b]pyridineâ€1,3,4â€oxadiazole derivatives. Chemical Biology and Drug Design, 2017, 90, 496-500.	3.2	8
70	Inhibition of tyrosinase by 4 H â€chromene analogs: Synthesis, kinetic studies, and computational analysis. Chemical Biology and Drug Design, 2017, 90, 804-810.	3.2	15
71	Mycobacterium tuberculosis lysine-É›-aminotransferase a potential target in dormancy: Benzothiazole based inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 2761-2771.	3.0	25
72	Synthesis, molecular docking, antimycobacterial and antimicrobial evaluation of new pyrrolo[3,2- c]pyridine Mannich bases. European Journal of Medicinal Chemistry, 2017, 131, 275-288.	5.5	25

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73	Synthesis and anti-mycobacterial activity of 4-(4-phenyl-1H-1,2,3-triazol-1-yl)salicylhydrazones: revitalizing an old drug. Archives of Pharmacal Research, 2017, 40, 168-179.	6.3	15
74	Novel Zebrafish EAE model: A quick in vivo screen for multiple sclerosis. Multiple Sclerosis and Related Disorders, 2017, 11, 32-39.	2.0	28
75	Design, synthesis and in vitro anti-tuberculosis activity of benzo[6,7]cyclohepta[1,2- b]pyridine-1,2,3-triazole derivatives. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5119-5121.	2.2	38
76	Correlation of pharmacokinetics and brain penetration data of adult zebrafish with higher mammals including humans. Journal of Pharmacological and Toxicological Methods, 2017, 88, 147-152.	0.7	8
77	Bis-spirochromanones as potent inhibitors of Mycobacterium tuberculosis: synthesis and biological evaluation. Molecular Diversity, 2017, 21, 999-1010.	3.9	7
78	Profiling of in vitro activities of urea-based inhibitors against cysteine synthases from Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4582-4587.	2.2	13
79	Synthesis, crystal structure and antimycobacterial activities of 4-indolyl-1,4-dihydropyridine derivatives possessing various ester groups. Research on Chemical Intermediates, 2017, 43, 7471-7489.	2.7	10
80	Inhibitors of the Cysteine Synthase CysM with Antibacterial Potency against Dormant Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2016, 59, 6848-6859.	6.4	45
81	Design and Development of Mycobacterium tuberculosis Lysine Éâ€Aminotransferase Inhibitors for Latent Tuberculosis Infection. Chemical Biology and Drug Design, 2016, 87, 265-274.	3.2	8
82	Design and development of novel inhibitors for the treatment of latent tuberculosis. International Journal of Mycobacteriology, 2016, 5, S121-S122.	0.6	2
83	Synthesis, biological evaluation and structureâ€“activity relationship of 2-styrylquinazolones as anti-tubercular agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2663-2669.	2.2	49
84	Click-based synthesis and antitubercular evaluation of novel dibenzo[b , d]thiophene-1,2,3-triazoles with piperidine, piperazine, morpholine and thiomorpholine appendages. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2649-2654.	2.2	34
85	Synthesis and antitubercular evaluation of novel dibenzo[b , d]thiophene tethered imidazo[1,2- a]pyridine-3-carboxamides. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3135-3140.	2.2	22
86	Anti-tubercular activities of 5,6,7,8-tetrahydrobenzo[4,5]thieno[2,3- d]pyrimidin-4-amine analogues endowed with high activity toward non-replicative Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2016, 24, 5556-5564.	3.0	9
87	Design and development of new class of Mycobacterium tuberculosis l-alanine dehydrogenase inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 4499-4508.	3.0	12
88	A convenient synthesis and screening of benzosuberone bearing 1,2,3-triazoles against Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4292-4295.	2.2	25
89	Engineering another class of anti-tubercular lead: Hit to lead optimization of an intriguing class of gyrase ATPase inhibitors. European Journal of Medicinal Chemistry, 2016, 122, 216-231.	5.5	28
90	Click-based synthesis and antitubercular evaluation of dibenzofuran tethered thiazolyl-1,2,3-triazolyl acetamides. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3684-3689.	2.2	12

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91	Development of acridine derivatives as selective Mycobacterium tuberculosis DNA gyrase inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 877-885.	3.0	19
92	Energy-Based Pharmacophore and Three-Dimensional Quantitative Structureâ€“Activity Relationship (3D-QSAR) Modeling Combined with Virtual Screening To Identify Novel Small-Molecule Inhibitors of Silent Mating-Type Information Regulation 2 Homologue 1 (SIRT1). Journal of Chemical Information and Modeling, 2016, 56, 173-187.	5.4	20
93	Replacement of cardiotoxic aminopiperidine linker with piperazine moiety reduces cardiotoxicity? Mycobacterium tuberculosis novel bacterial topoisomerase inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 42-52.	3.0	8
94	Design, synthesis and biological evaluation of imidazo[2,1-b]thiazole and benzo[d]imidazo[2,1-b]thiazole derivatives as Mycobacterium tuberculosis pantothenate synthetase inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 1298-1307.	3.0	49
95	Synthesis, molecular properties prediction and anticancer, antioxidant evaluation of new edaravone derivatives. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2562-2568.	2.2	32
96	Ionic liquid-promoted one-pot synthesis of thiazoleâ€“imidazo[2,1-b][1,3,4]thiadiazole hybrids and their antitubercular activity. MedChemComm, 2016, 7, 338-344.	3.4	20
97	Synthesis, characterization and biological evaluation of bile acid-aromatic/heteroaromatic amides linked via amino acids as anti-cancer agents. Steroids, 2016, 107, 87-97.	1.8	29
98	Synthesis of new pyrazole-triazole hybrids by click reaction using a green solvent and evaluation of their antitubercular and antibacterial activity. Research on Chemical Intermediates, 2016, 42, 3721-3741.	2.7	22
99	Synthesis of novel 5-[(1,2,3-triazol-4-yl)methyl]-1-methyl-3H-pyridazino[4,5-b]indol-4-one derivatives by click reaction and exploration of their anticancer activity. Medicinal Chemistry Research, 2016, 25, 135-148.	2.4	13
100	Structural Models for the Design of PKMzeta Inhibitors with Neurobiological Indications. Molecular Informatics, 2015, 34, 665-678.	2.5	1
101	New indoleâ€“isoxazolone derivatives: Synthesis, characterisation and in vitro SIRT1 inhibition studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2768-2772.	2.2	43
102	Design and development of novel Mycobacterium tuberculosis l-alanine dehydrogenase inhibitors. European Journal of Medicinal Chemistry, 2015, 92, 401-414.	5.5	31
103	Design and Biological Evaluation of Furan/Pyrrole/Thiopheneâ€2â€carboxamide Derivatives as Efficient <scp>DNA</scp> GyraseB Inhibitors of Staphylococcus aureus. Chemical Biology and Drug Design, 2015, 86, 918-925.	3.2	15
104	Novel amide and sulphonamide derivatives of 6-(piperazin-1-yl)phenanthridine as potent Mycobacterium tuberculosis H37Rv inhibitors. European Journal of Medicinal Chemistry, 2015, 92, 415-426.	5.5	30
105	Development of 2-amino-5-phenylthiophene-3-carboxamide derivatives as novel inhibitors of Mycobacterium tuberculosis DNA GyrB domain. Bioorganic and Medicinal Chemistry, 2015, 23, 1402-1412.	3.0	20
106	Synthesis, in vitro anticancer and antimycobacterial evaluation of new 5-(2,5-dimethoxyphenyl)-1,3,4-thiadiazole-2-amino derivatives. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1398-1402.	2.2	44
107	A small molecule inhibitor of dengue virus type 2 protease inhibits the replication of all four dengue virus serotypes in cell culture. Virology Journal, 2015, 12, 16.	3.4	42
108	Design of novel dispirooxindolopyrrolidine and dispirooxindolopyrrolothiazole derivatives as potential antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4308-4313.	2.2	35

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109	Benzothiazinone-piperazine derivatives as efficient Mycobacterium tuberculosis DNA gyrase inhibitors. International Journal of Mycobacteriology, 2015, 4, 104-115.	0.6	25
110	Structure-based virtual screening as a tool for the identification of novel inhibitors against Mycobacterium tuberculosis 3-dehydroquinate dehydratase. Journal of Molecular Graphics and Modelling, 2015, 60, 124-131.	2.4	16
111	Identification of potential Mycobacterium tuberculosis topoisomerase I inhibitors: A study against active, dormant and resistant tuberculosis. European Journal of Pharmaceutical Sciences, 2015, 72, 81-92.	4.0	13
112	Synthesis and biological evaluation of new imidazo[2,1-b][1,3,4]thiadiazole-benzimidazole derivatives. European Journal of Medicinal Chemistry, 2015, 95, 49-63.	5.5	74
113	Targeting <scp>NAMPT</scp> for Therapeutic Intervention in Cancer and Inflammation: Structureâ€Based Drug Design and Biological Screening. Chemical Biology and Drug Design, 2015, 86, 881-894.	3.2	13
114	Design and synthesis of novel quinolineâ€“aminopiperidine hybrid analogues as Mycobacterium tuberculosis DNA gyraseB inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 2062-2078.	3.0	45
115	Discovery of novel lysine É›-aminotransferase inhibitors: An intriguing potential target for latent tuberculosis. Tuberculosis, 2015, 95, 786-794.	1.9	14
116	Pyridoxal-phosphate dependent mycobacterial cysteine synthases: Structure, mechanism and potential as drug targets. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1175-1183.	2.3	28
117	One-pot synthesis of new triazoleâ€"Imidazo[2,1-b][1,3,4]thiadiazole hybrids via click chemistry and evaluation of their antitubercular activity. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4169-4173.	2.2	54
118	Antinociceptive properties of the aqueous and methanol extracts of the stem bark of Petersianthus macrocarpus (P. Beauv.) Liben (Lecythidaceae) in mice. Journal of Ethnopharmacology, 2015, 174, 66-73.	4.1	13
119	Design and synthesis of novel carbazole tethered pyrrole derivatives as potent inhibitors of Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 485-491.	2.2	39
120	Exploring the gyrase ATPase domain for tailoring newer anti-tubercular drugs: Hit to lead optimization of a novel class of thiazole inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 588-601.	3.0	20
121	Rational design, synthesis and evaluation of novel-substituted 1,2,3-triazolylmethyl carbazoles as potent inhibitors of Mycobacterium tuberculosis. Medicinal Chemistry Research, 2015, 24, 1298-1309.	2.4	29
122	Synthesis, molecular docking and anti-mycobacterial evaluation of new imidazo[1,2-a]pyridine-2-carboxamide derivatives. European Journal of Medicinal Chemistry, 2015, 89, 616-627.	5.5	20
123	Depletion of M. tuberculosis GlmU from Infected Murine Lungs Effects the Clearance of the Pathogen. PLoS Pathogens, 2015, 11, e1005235.	4.7	35
124	A Novel, Potent, Small Molecule AKT Inhibitor Exhibits Efficacy against Lung Cancer Cells In Vitro. Cancer Research and Treatment, 2015, 47, 913-920.	3.0	6
125	Salicylanilide Diethyl Phosphates as Potential Inhibitors of Some Mycobacterial Enzymes. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	7
126	Discovery of Novel Mycobacterial DNA Gyrase B Inhibitors: In Silico and In Vitro Biological Evaluation. Molecular Informatics, 2014, 33, 597-609.	2.5	15

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127	Anti-mycobacterial, cytotoxic activities of Knoevenagel and (E)-Î±,Î²-unsaturated esters and ketones from 2-chloronicotinaldehydes. Medicinal Chemistry Research, 2014, 23, 199-206.	2.4	7
128	Development of antimycobacterial tetrahydrothieno[2,3-c]pyridine-3-carboxamides and hexahydrocycloocta[b]thiophene-3-carboxamides: Molecular modification from known antimycobacterial lead. European Journal of Medicinal Chemistry, 2014, 76, 110-117.	5.5	9
129	Development of novel N-linked aminopiperidine-based mycobacterial DNA gyrase B inhibitors: Scaffold hopping from known antibacterial leads. International Journal of Antimicrobial Agents, 2014, 43, 269-278.	2.5	29
130	Development of novel tetrahydrothieno[2,3-c]pyridine-3-carboxamide based Mycobacterium tuberculosis pantothenate synthetase inhibitors: Molecular hybridization from known antimycobacterial leads. Bioorganic and Medicinal Chemistry, 2014, 22, 1938-1947.	3.0	31
131	Synthesis and antimycobacterial activities of some new thiazolylhydrazone derivatives. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1695-1697.	2.2	23
132	Design, synthesis and evaluation of 1,2,3-triazole-adamantylacetamide hybrids as potent inhibitors of Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1974-1979.	2.2	27
133	Discovery of tetrahydropyrido[4,3-d]pyrimidine derivatives for the treatment of neuropathic pain. Bioorganic Chemistry, 2014, 52, 69-76.	4.1	8
134	Synthesis and evaluation of anti-tubercular activity of 6-(4-substitutedpiperazin-1-yl) phenanthridine analogues. European Journal of Medicinal Chemistry, 2014, 74, 333-339.	5.5	28
135	Rational design and synthesis of novel dibenzo[b,d]furan-1,2,3-triazole conjugates as potent inhibitors of Mycobacterium tuberculosis. European Journal of Medicinal Chemistry, 2014, 71, 160-167.	5.5	50
136	Identification of novel inhibitors against Mycobacterium tuberculosis l-alanine dehydrogenase (MTB-AlaDH) through structure-based virtual screening. Journal of Molecular Graphics and Modelling, 2014, 47, 37-43.	2.4	36
137	Rational design, synthesis and antitubercular evaluation of novel 2-(trifluoromethyl)phenothiazine-[1,2,3]triazole hybrids. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 233-236.	2.2	44
138	Synthesis of novel dispiropyrrolothiazoles by three-component 1,3-dipolar cycloaddition and evaluation of their antimycobacterial activity. RSC Advances, 2014, 4, 59462-59471.	3.6	33
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