Mingliang Liu

List of Publications by Year
in descending order

46 papers	798 citations	516710 16 h-index	552781 26 g-index
46 all docs	46 docs citations	46 times ranked	909 citing authors

#	Article	IF	Citations
1	ROS-responsive nanoparticles based on amphiphilic hyperbranched polyphosphoester for drug delivery: Light-triggered size-reducing and enhanced tumor penetration. Biomaterials, 2019, 211, 68-80.	11.4	107
2	Identification of Better Pharmacokinetic Benzothiazinone Derivatives as New Antitubercular Agents. ACS Medicinal Chemistry Letters, 2017, 8, 636-641.	2.8	49
3	Design, synthesis and antitubercular evaluation of benzothiazinones containing an oximido or amino nitrogen heterocycle moiety. RSC Advances, 2017, 7, 1480-1483.	3.6	35
4	Identification of N-(2-Phenoxyethyl)imidazo[1,2-a]pyridine-3-carboxamides as New Antituberculosis Agents. ACS Medicinal Chemistry Letters, 2016, 7, 1130-1133.	2.8	32
5	Design, synthesis and antitubercular evaluation of benzothiazinones containing a piperidine moiety. European Journal of Medicinal Chemistry, 2018, 151, 1-8.	5.5	31
6	Design, synthesis and biological activity of N-(2-phenoxy)ethyl imidazo[1,2-a]pyridine-3-carboxamides as new antitubercular agents. European Journal of Medicinal Chemistry, 2019, 178, 715-725.	5.5	30
7	Synthesis, antimycobacterial and antibacterial evaluation of l-[(1R,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (2S)-2-fluoro European Journal of Medicinal Chemistry, 2014, 86, 628-638.	5.5	29
8	Synthesis and antitubercular evaluation of reduced lipophilic imidazo[1,2-a]pyridine-3-carboxamide derivatives. European Journal of Medicinal Chemistry, 2019, 165, 11-17.	5.5	29
9	Synthesis, antimycobacterial and antibacterial activity of fluoroquinolone derivatives containing an 3-alkoxyimino-4-(cyclopropylanimo)methylpyrrolidine moiety. European Journal of Medicinal Chemistry, 2015, 104, 73-85.	5.5	28
10	Design, synthesis and antimycobacterial activity of novel imidazo[1,2- a]pyridine-3-carboxamide derivatives. European Journal of Medicinal Chemistry, 2017, 137, 117-125.	5.5	27
11	Synthesis, evaluation and CoMFA/CoMSIA study of nitrofuranyl methyl N-heterocycles as novel antitubercular agents. Bioorganic and Medicinal Chemistry, 2018, 26, 2073-2084.	3.0	26
12	Protein phosphatase 1 catalyzes HBV core protein dephosphorylation and is co-packaged with viral pregenomic RNA into nucleocapsids. PLoS Pathogens, 2020, 16, e1008669.	4.7	26
13	Synthesis, antimycobacterial and antibacterial activity of 1-(6-amino-3,5-difluoropyridin-2-yl)fluoroquinolone derivatives containing an oxime functional moiety. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2262-2267.	2.2	23
14	Identification of benzothiazinones containing an oxime functional moiety as new anti-tuberculosis agents. European Journal of Medicinal Chemistry, 2019, 181, 111595.	5.5	23
15	Identification of N-Benzyl 3,5-Dinitrobenzamides Derived from PBTZ169 as Antitubercular Agents. ACS Medicinal Chemistry Letters, 2018, 9, 741-745.	2.8	21
16	Synthesis, antimycobacterial and antibacterial activity of l-[(1R,2S)-2-fluorocyclopropyl]naphthyridone derivatives containing an oxime-functionalized pyrrolidine moiety. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5058-5063.	2.2	20
17	Design, Synthesis, and Anti-HBV Activity of New Bis(<scp>l</scp>-amino acid) Ester Tenofovir Prodrugs. ACS Medicinal Chemistry Letters, 2019, 10, 991-995.	2.8	17
18	Synthesis and antitumor activity of 5-(5-halogenated-2-oxo-1H-pyrrolo[2,3-b]pyridin-(3Z)-ylidenemethyl)-2,4-dimethyl-1H-pyrrole-3-carboxamides. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2782-2787.	2.2	15

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19	Design, synthesis and antimycobacterial activity of less lipophilic Q203 derivatives containing alkaline fused ring moieties. Bioorganic and Medicinal Chemistry, 2019, 27, 813-821.	3.0	15
20	Design, synthesis and inÂvitro anti-Zika virus evaluation of novel Sinefungin derivatives. European Journal of Medicinal Chemistry, 2018, 157, 994-1004.	5.5	14
21	Design, synthesis and anti-HBV activity of NVR3-778 derivatives. Bioorganic Chemistry, 2020, 94, 103363.	4.1	14
22	Design, Synthesis and Antimycobacterial Activity of Novel Imidazo[1,2-a]pyridine Amide-Cinnamamide Hybrids. Molecules, 2016, 21, 49.	3.8	13
23	hERG optimizations of IMB1603, discovery of alternative benzothiazinones as new antitubercular agents. European Journal of Medicinal Chemistry, 2019, 179, 208-217.	5.5	13
24	Design, synthesis and biological activity of N-(amino)piperazine-containing benzothiazinones against Mycobacterium tuberculosis. European Journal of Medicinal Chemistry, 2021, 218, 113398.	5.5	13
25	Synthesis and Antibacterial Activity of Amino Acid and Dipeptide Prodrugs of IMB-070593, a Fluoroquinolone Candidate. Molecules, 2014, 19, 6822-6837.	3.8	12
26	N-(2-Phenoxy)ethyl imidazo[1,2-a]pyridine-3-carboxamides containing various amine moieties: Design, synthesis and antitubercular activity. Chinese Chemical Letters, 2020, 31, 409-412.	9.0	12
27	Identification of benzothiazinones containing 2-benzyl-2,7-diazaspiro[3.5]nonane moieties as new antitubercular agents. European Journal of Medicinal Chemistry, 2020, 200, 112409.	5.5	12
28	Synthesis and antitumor activity of ATB-429 derivatives containing a nitric oxide-releasing moiety. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2355-2359.	2.2	10
29	Design, synthesis and biological evaluation of nitrofuran-1,3,4-oxadiazole hybrids as new antitubercular agents. Bioorganic and Medicinal Chemistry, 2022, 53, 116529.	3.0	10
30	The discovery of a novel compound with potent antitumor activity: virtual screening, synthesis, biological evaluation and preliminary mechanism study. Oncotarget, 2017, 8, 24635-24643.	1.8	9
31	Design, synthesis and antimycobacterial activity of novel nitrobenzamide derivatives. Chinese Chemical Letters, 2019, 30, 413-416.	9.0	9
32	Amino acid prodrugs of NVR3-778: Design, synthesis and anti-HBV activity. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127103.	2.2	9
33	Structural Based Screening of Antiandrogen Targeting Activation Function-2 Binding Site. Frontiers in Pharmacology, 2018, 9, 1419.	3.5	8
34	Rational drug design for androgen receptor and glucocorticoids receptor dual antagonist. European Journal of Medicinal Chemistry, 2019, 166, 232-242.	5.5	8
35	Design, synthesis and antimycobacterial activity of new benzothiazinones inspired by rifampicin/rifapentine. Bioorganic Chemistry, 2020, 102, 104135.	4.1	8
36	Synthesis and Antitumor Activity of 5-Bromo-7-azaindolin-2-one Derivatives Containing a 2,4-Dimethyl-1H-pyrrole-3-carboxamide Moiety. Molecules, 2016, 21, 1674.	3.8	7

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37	Optimization and SAR research at the piperazine and phenyl rings of JNJ4796 as new anti-influenza A virus agents, part 1. European Journal of Medicinal Chemistry, 2021, 222, 113591.	5.5	7
38	Identification of (6S)-cyclopropyl-6,7-dihydropyrazolo[1,5-a]pyrazine-5(4H)-carboxamines as new HBV capsid assembly modulators. European Journal of Medicinal Chemistry, 2022, 228, 113974.	5.5	7
39	In vitro and in vivo antimicrobial activities of a novel piperazine-containing benzothiazinones candidate TZY-5-84 against Mycobacterium tuberculosis. Biomedicine and Pharmacotherapy, 2020, 131, 110777.	5.6	5
40	Identification of dihydroquinolizinone derivatives with cyclic ether moieties as new anti-HBV agents. European Journal of Medicinal Chemistry, 2022, 238, 114518.	5.5	4
41	Synthesis and evaluation of nitrofuranyl methyl N-heterocycles derivatives as novel antitubercular agents. Future Medicinal Chemistry, 2018, 10, 2059-2068.	2.3	3
42	Design, synthesis and antimycobacterial activity of 3,5-dinitrobenzamide derivatives containing fused ring moieties. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2945-2948.	2.2	3
43	A structureâ€based strategy toward the development of novel candidates for antimycobacterial activity: Synthesis, biological evaluation, and docking study. Chemical Biology and Drug Design, 2018, 91, 769-780.	3.2	2
44	Novel 5-Fluorouracil Carbonate-Loaded Liposome: Preparation, In Vitro, and In Vivo Evaluation as an Antitumor Agent. Molecular Pharmaceutics, 2022, 19, 2061-2076.	4.6	2
45	Synthesis and antitumor activity of capecitabine derivatives. Chemical Research in Chinese Universities, 2015, 31, 78-83.	2.6	1
46	Back Cover: Design, Synthesis, and inâ€…vitro Antibacterial Activity of Fluoroquinolone Derivatives Containing a Chiral 3-(Alkoxyimino)-2-(aminomethyl)azetidine Moiety (ChemMedChem 7/2012). ChemMedChem, 2012, 7, 1300-1300.	3.2	0