Fei Mao

List of Publications by Year
in descending order

44	934	471061 17	500791 28
papers	citations	h-index	g-index

44	44	44	1475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New multi-target-directed small molecules against Alzheimer's disease: a combination of resveratrol and clioquinol. Organic and Biomolecular Chemistry, 2014, 12, 5936.	1.5	83
2	Development of Multifunctional Pyrimidinylthiourea Derivatives as Potential Anti-Alzheimer Agents. Journal of Medicinal Chemistry, 2016, 59, 8326-8344.	2.9	69
3	Chemical Structure-Related Drug-Like Criteria of Global Approved Drugs. Molecules, 2016, 21, 75.	1.7	61
4	Discovery of novel propargylamine-modified 4-aminoalkyl imidazole substituted pyrimidinylthiourea derivatives as multifunctional agents for the treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 143, 33-47.	2.6	60
5	Development of the First Generation of Disulfide-Based Subtype-Selective and Potent Covalent Pyruvate Dehydrogenase Kinase 1 (PDK1) Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 2227-2244.	2.9	55
6	Design, Synthesis, and Biological Evaluation of Orally Available First-Generation Dual-Target Selective Inhibitors of Acetylcholinesterase (AChE) and Phosphodiesterase 5 (PDE5) for the Treatment of Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2018, 9, 328-345.	1.7	46
7	Novel Vilazodoneâ€“Tacrine Hybrids as Potential Multitarget-Directed Ligands for the Treatment of Alzheimerâ€™s Disease Accompanied with Depression: Design, Synthesis, and Biological Evaluation. ACS Chemical Neuroscience, 2017, 8, 2708-2721.	1.7	32
8	The metal distribution and the change of physiological and biochemical process in soybean and mung bean plants under heavy metal stress. International Journal of Phytoremediation, 2018, 20, 1113-1120.	1.7	30
9	Policresulen, a novel NS2B/NS3 protease inhibitor, effectively inhibits the replication of DENV2 virus in BHK-21 cells. Acta Pharmacologica Sinica, 2015, 36, 1126-1136.	2.8	28
10	Rational Design of Novel Selective Dual-Target Inhibitors of Acetylcholinesterase and Monoamine Oxidase B as Potential Anti-Alzheimerâ€™s Disease Agents. ACS Chemical Neuroscience, 2019, 10, 482-496.	1.7	28
11	Nitazoxanide, an anti-parasitic drug, efficiently ameliorates learning and memory impairments in AD model mice. Acta Pharmacologica Sinica, 2019, 40, 1279-1291.	2.8	27
12	Discovery of New Imidazole Derivatives Containing the 2,4-Dienone Motif with Broad-Spectrum Antifungal and Antibacterial Activity. Molecules, 2014, 19, 15653-15672.	1.7	23
13	Repurposing antimycotic ciclopirox olamine as a promising anti-ischemic stroke agent. Acta Pharmaceutica Sinica B, 2020, 10, 434-446.	5.7	23
14	Novel Terminal Bipheny-Based Diapophytoene Desaturases (CrtN) Inhibitors as Anti-MRSA/VISR/LRSA Agents with Reduced hERG Activity. Journal of Medicinal Chemistry, 2018, 61, 224-250.	2.9	22
15	Novel Inhibitors of Staphyloxanthin Virulence Factor in Comparison with Linezolid and Vancomycin versus Methicillin-Resistant, Linezolid-Resistant, and Vancomycin-Intermediate Staphylococcus aureus Infections in Vivo. Journal of Medicinal Chemistry, 2017, 60, 8145-8159.	2.9	21
16	Discovery of Novel Plasmodium falciparum HDAC1 Inhibitors with Dual-Stage Antimalarial Potency and Improved Safety Based on the Clinical Anticancer Drug Candidate Quisinostat. Journal of Medicinal Chemistry, 2021, 64, 2254-2271.	2.9	21
17	Bufexamac ameliorates LPS-induced acute lung injury in mice by targeting LTA4H. Scientific Reports, 2016, 6, 25298.	1.6	19
18	Design, synthesis and evaluation of vilazodone-tacrine hybrids as multitarget-directed ligands against depression with cognitive impairment. Bioorganic and Medicinal Chemistry, 2018, 26, 3117-3125.	1.4	19

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19	Novel Tadalafil Derivatives Ameliorates Scopolamine-Induced Cognitive Impairment in Mice via Inhibition of Acetylcholinesterase (AChE) and Phosphodiesterase 5 (PDE5). ACS Chemical Neuroscience, 2018, 9, 1625-1636.	1.7	18
20	Discovery of nitazoxanide-based derivatives asÂautophagy activators for the treatment ofÂAlzheimer's disease. Acta Pharmaceutica Sinica B, 2020, 10, 646-666.	5.7	18
21	Targeting virulence factors as an antimicrobial approach: Pigment inhibitors. Medicinal Research Reviews, 2020, 40, 293-338.	5.0	18
22	Discovery of Novel Small Molecule Anti-HCV Agents via the CypA Inhibitory Mechanism Using O-Acylation-Directed Lead Optimization. Molecules, 2015, 20, 10342-10359.	1.7	16
23	Discovery of candesartan cilexetic as a novel neddylation inhibitor for suppressing tumor growth. European Journal of Medicinal Chemistry, 2020, 185, 111848.	2.6	14
24	Development of Novel N-hydroxypyridone Derivatives as Potential Anti-Ischemic Stroke Agents. Journal of Medicinal Chemistry, 2020, 63, 1051-1067.	2.9	14
25	Discovery of Potent, Selective Stem Cell Factor Receptor/Platelet Derived Growth Factor Receptor Alpha (c-KIT/PDGFRÎ±) Dual Inhibitor for the Treatment of Imatinib-Resistant Gastrointestinal Stromal Tumors (GISTs). Journal of Medicinal Chemistry, 2017, 60, 5099-5119.	2.9	13
26	Discovery of new antimalarial agents: Second-generation dual inhibitors against FP-2 and PfDHFR via fragments assembely. Bioorganic and Medicinal Chemistry, 2017, 25, 6467-6478.	1.4	12
27	Discovery of novel piperonyl derivatives as diapophytoene desaturase inhibitors for the treatment of methicillin-, vancomycin- and linezolid-resistant Staphylococcus aureus infections. European Journal of Medicinal Chemistry, 2018, 145, 235-251.	2.6	12
28	Discovery of novel purine nucleoside derivatives as phosphodiesterase 2 (PDE2) inhibitors: Structure-based virtual screening, optimization and biological evaluation. Bioorganic and Medicinal Chemistry, 2018, 26, 119-133.	1.4	11
29	Development of novel benzimidazole-derived neddylation inhibitors for suppressing tumor growth in vitro and in vivo. European Journal of Medicinal Chemistry, 2021, 210, 112964.	2.6	11
30	Chlorpromazine Sensitizes Progestin-Resistant Endometrial Cancer Cells to MPA by Upregulating PRB. Frontiers in Oncology, 2021, 11, 665832.	1.3	11
31	Cucurbitacin B-induced G2/M cell cycle arrest of conjunctival melanoma cells mediated by GRP78â€“FOXM1â€“KIF20A pathway. Acta Pharmaceutica Sinica B, 2022, 12, 3861-3876.	5.7	11
32	A Metalâ€free Approach to 3â€Arylâ€3â€hydroxyâ€2â€oxindoles by Treatment of 3â€Acyloxyâ€2â€oxindoles with Diaryliodonium Salts. Chemistry - an Asian Journal, 2016, 11, 226-230.	1.7	10
33	Fangchinoline suppresses conjunctival melanoma by directly binding FUBP2 and inhibiting the homologous recombination pathway. Cell Death and Disease, 2021, 12, 380.	2.7	9
34	Repurposing of antipsychotics perphenazine for the treatment of endometrial cancer. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127239.	1.0	9
35	Drug Repurposing of Quisinostat to Discover Novel Plasmodium falciparum HDAC1 Inhibitors with Enhanced Triple-Stage Antimalarial Activity and Improved Safety. Journal of Medicinal Chemistry, 2022, 65, 4156-4181.	2.9	9
36	Novel Staphyloxanthin Inhibitors with Improved Potency against Multidrug Resistant Staphylococcus aureus. ACS Medicinal Chemistry Letters, 2018, 9, 233-237.	1.3	8

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37	Discovery of novel Syk/PDGFR-Î±/c-Kit inhibitors as multi-targeting drugs to treat rheumatoid arthritis. Bioorganic and Medicinal Chemistry, 2018, 26, 4375-4381.	1.4	8
38	Development of disulfide-derived fructose-1,6-bisphosphatase (FBPase) covalent inhibitors for the treatment of type 2 diabetes. European Journal of Medicinal Chemistry, 2020, 203, 112500.	2.6	8
39	Repurposing of antitumor drug candidate Quisinostat lead to novel spirocyclic antimalarial agents. Chinese Chemical Letters, 2021, 32, 1660-1664.	4.8	8
40	The novel therapeutic strategy of vilazodone-donepezil chimeras as potent triple-target ligands for the potential treatment of Alzheimer's disease with comorbid depression. European Journal of Medicinal Chemistry, 2022, 229, 114045.	2.6	5
41	Discovery of Benzylidene Derivatives as Potent Syk Inhibitors: Synthesis, SAR Analysis, and Biological Evaluation. Archiv Der Pharmazie, 2015, 348, 463-474.	2.1	4
42	Discovery of Potent Benzocycloalkane Derived Diapophytoene Desaturase Inhibitors with an Enhanced Safety Profile for the Treatment of MRSA, VISA, and LRSA Infections. ACS Infectious Diseases, 2018, 4, 208-217.	1.8	4
43	Novel niclosamide-derived adjuvants elevating the efficacy of polymyxin B against MDR Pseudomonas aeruginosa DK2. European Journal of Medicinal Chemistry, 2022, 236, 114318.	2.6	3
44	Novel chlorpromazine derivatives as anti-endometrial carcinoma agents with reduced extrapyramidal side effects. Bioorganic Chemistry, 2022, 127, 106008.	2.0	3