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	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
2	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
3	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
4	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
5	Novel chlorpromazine derivatives as anti-endometrial carcinoma agents with reduced extrapyramidal side effects. Bioorganic Chemistry, 2022, 127, 106008.	2.0	3
6	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
7	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
8	Fangchinoline suppresses conjunctival melanoma by directly binding FUBP2 and inhibiting the homologous recombination pathway. Cell Death and Disease, 2021, 12, 380.	2.7	9
9	Chlorpromazine Sensitizes Progestin-Resistant Endometrial Cancer Cells to MPA by Upregulating PRB. Frontiers in Oncology, 2021, 11, 665832.	1.3	11
10	Repurposing of antitumor drug candidate Quisinostat lead to novel spirocyclic antimalarial agents. Chinese Chemical Letters, 2021, 32, 1660-1664.	4.8	8
11	Repurposing antimycotic ciclopirox olamine as a promising anti-ischemic stroke agent. Acta Pharmaceutica Sinica B, 2020, 10, 434-446.	5.7	23
12	Discovery of nitazoxanide-based derivatives asÂautophagy activators for the treatment ofÂAlzheimer's disease. Acta Pharmaceutica Sinica B, 2020, 10, 646-666.	5.7	18
13	Targeting virulence factors as an antimicrobial approach: Pigment inhibitors. Medicinal Research Reviews, 2020, 40, 293-338.	5.0	18
14	Discovery of candesartan cilexetic as a novel neddylation inhibitor for suppressing tumor growth. European Journal of Medicinal Chemistry, 2020, 185, 111848.	2.6	14
15	Development of Novel N-hydroxypyridone Derivatives as Potential Anti-Ischemic Stroke Agents. Journal of Medicinal Chemistry, 2020, 63, 1051-1067.	2.9	14
16	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
17	Repurposing of antipsychotics perphenazine for the treatment of endometrial cancer. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127239.	1.0	9
18	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

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19	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
20	Novel Staphyloxanthin Inhibitors with Improved Potency against Multidrug Resistant Staphylococcus aureus. ACS Medicinal Chemistry Letters, 2018, 9, 233-237.	1.3	8
21	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
22	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
23	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
24	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
25	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
26	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
27	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
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	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Chemical Structure-Related Drug-Like Criteria of Global Approved Drugs. Molecules, 2016, 21, 75.	1.7	61

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37	Development of Multifunctional Pyrimidinylthiourea Derivatives as Potential Anti-Alzheimer Agents. Journal of Medicinal Chemistry, 2016, 59, 8326-8344.	2.9	69
38	Bufexamac ameliorates LPS-induced acute lung injury in mice by targeting LTA4H. Scientific Reports, 2016, 6, 25298.	1.6	19
39	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
40	Discovery of Benzylidene Derivatives as Potent Syk Inhibitors: Synthesis, SAR Analysis, and Biological Evaluation. Archiv Der Pharmazie, 2015, 348, 463-474.	2.1	4
41	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
42	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
43	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
44	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