Jin Zhu

List of Publications by Year in descending order

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51	1,006	471061 17	476904 29
papers	citations	h-index	g-index

53	53	53	1609
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovering Potent Small Molecule Inhibitors of Cyclophilin A Using de Novo Drug Design Approach. Journal of Medicinal Chemistry, 2009, 52, 5295-5298.	2.9	92
2	A Direct Amineâ€Palladium Acetate Cocatalyzed Saegusa Oxidation Reaction of Unmodified Aldehydes to Î±,Î²â€Unsaturated Aldehydes. Advanced Synthesis and Catalysis, 2009, 351, 1229-1232.	2.1	88
3	Development of Multifunctional Pyrimidinylthiourea Derivatives as Potential Anti-Alzheimer Agents. Journal of Medicinal Chemistry, 2016, 59, 8326-8344.	2.9	69
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	Discovery of Potent Benzofuran-Derived Diapophytoene Desaturase (CrtN) Inhibitors with Enhanced Oral Bioavailability for the Treatment of Methicillin-Resistant Staphylococcus aureus (MRSA) Infections. Journal of Medicinal Chemistry, 2016, 59, 3215-3230.	2.9	40
7	Design and synthesis of small molecular dual inhibitor of falcipain-2 and dihydrofolate reductase as antimalarial agent. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 958-962.	1.0	37
8	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
9	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
10	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
11	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
12	Discovery of Benzocycloalkane Derivatives Efficiently Blocking Bacterial Virulence for the Treatment of Methicillin-Resistant S. aureus (MRSA) Infections by Targeting Diapophytoene Desaturase (CrtN). Journal of Medicinal Chemistry, 2016, 59, 4831-4848.	2.9	23
13	A novel multistage antiplasmodial inhibitor targeting Plasmodium falciparum histone deacetylase 1. Cell Discovery, 2020, 6, 93.	3.1	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	Organocatalytic Enantioselective Friedelâ€“Crafts Reaction of 1â€Naphthols with Isatins and an Unexpected Spontaneous Dehydration Process. Asian Journal of Organic Chemistry, 2014, 3, 480-486.	1.3	20
18	Bufexamac ameliorates LPS-induced acute lung injury in mice by targeting LTA4H. Scientific Reports, 2016, 6, 25298.	1.6	19

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19	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
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	Design, Synthesis, and Biological Evaluation of Novel Nonsteroidal Farnesoidâ€...X Receptor (FXR) Antagonists: Molecular Basis of FXR Antagonism. ChemMedChem, 2015, 10, 1184-1199.	1.6	16
23	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
24	2-Arylbenzo[b]furan derivatives as potent human lipoxygenase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 98-105.	2.5	13
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	Identification, synthesis and pharmacological evaluation of novel anti-EV71 agents via cyclophilin A inhibition. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5682-5686.	1.0	11
29	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
30	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
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	2-Amido-3-(1H-Indol-3-yl)-N-Substitued-Propanamides as a New Class of Falcipain-2 Inhibitors. 1. Design, Synthesis, Biological Evaluation and Binding Model Studies. Molecules, 2009, 14, 494-508.	1.7	10
33	2-(3,4-Dihydro-4-Oxothieno[2,3-d]pyrimidin-2-ylthio) Acetamides as a New Class of Falcipain-2 Inhibitors. 3. Design, Synthesis and Biological Evaluation. Molecules, 2009, 14, 785-797.	1.7	10
34	Fangchinoline suppresses conjunctival melanoma by directly binding FUBP2 and inhibiting the homologous recombination pathway. Cell Death and Disease, 2021, 12, 380.	2.7	9
35	Repurposing of antipsychotics perphenazine for the treatment of endometrial cancer. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127239.	1.0	9
36	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

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37	Efficient preparation of trans-Î±,Î²-unsaturated aldehydes from saturated aldehydes by oxidative enamine catalysis. Science China Chemistry, 2011, 54, 1932-1936.	4.2	8
38	Novel Staphyloxanthin Inhibitors with Improved Potency against Multidrug Resistant Staphylococcus aureus. ACS Medicinal Chemistry Letters, 2018, 9, 233-237.	1.3	8
39	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
40	Discovery of synergistic activity of fluoroquinolones in combination with antimicrobial peptides against clinical polymyxin-resistant Pseudomonas aeruginosa DK2. Chinese Chemical Letters, 2020, 31, 413-417.	4.8	8
41	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
42	Repurposing of antitumor drug candidate Quisinostat lead to novel spirocyclic antimalarial agents. Chinese Chemical Letters, 2021, 32, 1660-1664.	4.8	8
43	Discovery of novel dual RAGE/SERT inhibitors for the potential treatment of the comorbidity of Alzheimer's disease and depression. European Journal of Medicinal Chemistry, 2022, 236, 114347.	2.6	7
44	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
45	Refinement and 3Dâ€QSAR Studies of Inhibitors of Cyclophilin A Containing Amide Linker. QSAR and Combinatorial Science, 2009, 28, 183-193.	1.5	4
46	Discovery of Benzylidene Derivatives as Potent Syk Inhibitors: Synthesis, SAR Analysis, and Biological Evaluation. Archiv Der Pharmazie, 2015, 348, 463-474.	2.1	4
47	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
48	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
49	Synthesis of Î³â€Oxoâ€Î±,Î²â€dehydroâ€Î±â€amino Acids from Nâ€“tertâ€Butyloxycarbonylâ€Î±â€Imino Esters and Carbonylmethyl 2â€Pyridinylsulfones via an Mannichâ€Elimination Cascade. Asian Journal of Organic Chemistry, 2014, 3, 766-768.	1.3	2
50	Antiaging Effects of Vicatia thibetica de Boiss Root Extract on Caenorhabditis elegans and Doxorubicin-Induced Premature Aging in Adult Mice. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	1.9	1
51	Design and synthesis of novel hydroxamic acid derivatives based on quisinostat as promising antimalarial agents with improved safety. , 2022, 1, .		0