Guo-Chun Zhou

List of Publications by Year
in descending order

25	369	759233 12	794594 19
papers	citations	h-index	g-index

25	25	25	397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of fused bicyclic derivatives of pyrrolidine and imidazolidinone as dengue virus-2 NS2B-NS3 protease inhibitors. European Journal of Medicinal Chemistry, 2017, 125, 751-759.	5.5	36
2	Attenuation of Innate Immunity by Andrographolide Derivatives Through NF-Îº B Signaling Pathway. Scientific Reports, 2017, 7, 4738.	3.3	33
3	Design, synthesis and discovery of andrographolide derivatives against Zika virus infection. European Journal of Medicinal Chemistry, 2020, 187, 111925.	5.5	31
4	Discovery and SAR studies of methionineâ€“proline anilides as dengue virus NS2B-NS3 protease inhibitors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6549-6554.	2.2	30
5	Synthesis and discovery of andrographolide derivatives as non-steroidal farnesoid X receptor (FXR) antagonists. RSC Advances, 2014, 4, 13533-13545.	3.6	25
6	SAR studies of 3,14,19-derivatives of andrographolide on anti-proliferative activity to cancer cells and toxicity to zebrafish: an in vitro and in vivo study. RSC Advances, 2015, 5, 22510-22526.	3.6	24
7	AGS-30, an andrographolide derivative, suppresses tumor angiogenesis and growth in vitro and in vivo. Biochemical Pharmacology, 2020, 171, 113694.	4.4	24
8	Anti-angiogenic activity of a new andrographolide derivative in zebrafish and HUVECs. European Journal of Pharmacology, 2016, 789, 344-353.	3.5	19
9	Discovery and preliminary SAR of 14-aryloxy-andrographolide derivatives as antibacterial agents with immunosuppressant activity. RSC Advances, 2018, 8, 9440-9456.	3.6	17
10	Andrographolide and Its 14-Aryloxy Analogues Inhibit Zika and Dengue Virus Infection. Molecules, 2020, 25, 5037.	3.8	15
11	Andrographolide derivative ameliorates dextran sulfate sodium-induced experimental colitis in mice. Biochemical Pharmacology, 2019, 163, 416-424.	4.4	14
12	Andrographolide derivative as STAT3 inhibitor that protects acute liver damage in mice. Bioorganic and Medicinal Chemistry, 2018, 26, 5053-5061.	3.0	13
13	Differential in vitro and in vivo anti-angiogenic activities of acetal and ketal andrographolide derivatives in HUVEC and zebrafish models. RSC Advances, 2016, 6, 102831-102842.	3.6	11
14	The new andrographolide derivative AGS-30 induces apoptosis in human colon cancer cells by activating a ROS-dependent JNK signalling pathway. Phytomedicine, 2022, 94, 153824.	5.3	11
15	Design, synthesis, discovery and SAR of the fused tricyclic derivatives of indoline and imidazolidinone against DENV replication and infection. Bioorganic Chemistry, 2022, 120, 105639.	4.1	11
16	Activity of vitamin D receptor agonists against dengue virus. Scientific Reports, 2020, 10, 10835.	3.3	10
17	Inhibition of zika virus infection by fused tricyclic derivatives of 1,2,4,5-tetrahydroimidazo[1,5-a]quinolin-3(3aH)-one. Bioorganic Chemistry, 2020, 104, 104205.	4.1	9
18	Design, synthesis and evaluation of a cellular stable and detectable biotinylated fumagillin probe and investigation of cell permeability of fumagillin and its analogs to endothelial and cancer cells. European Journal of Medicinal Chemistry, 2013, 70, 631-639.	5.5	8

#	Article	IF	Citations
19	An andrographolide derivative AGP-26b exhibiting anti-angiogenic activity in HUVECs and zebrafish via blocking the VEGFA/VEGFR2 signaling pathway. Molecular BioSystems, 2017, 13, 525-536.	2.9	8
20	Discovery of fused bicyclic derivatives of 1H-pyrrolo[1,2-c]imidazol-1-one as VDR signaling regulators. Bioorganic and Medicinal Chemistry, 2019, 27, 3879-3888.	3.0	7
21	Discovery of 14S-(2â€™-chloro-4â€™-nitrophenoxy)-8R/S,17-epoxy andrographolide as EV-A71 infection inhibitor. Biochemical Pharmacology, 2021, 194, 114820.	4.4	4
22	Synthesis and Characterization of Andrographolide Derivatives as Regulators of Î²APP Processing in Human Cells. Molecules, 2021, 26, 7660.	3.8	4
23	Discovery of Novel Andrographolide Derivatives as Antiviral Inhibitors against Human Enterovirus A71. Pharmaceuticals, 2022, 15, 115.	3.8	3
24	Andrographolide derivative as antagonist of vitamin D receptor to induce lipidation of microtubule associate protein 1 light chain 3 (LC3). Bioorganic and Medicinal Chemistry, 2021, 51, 116505.	3.0	2
25	Crystal structure of methyl (E)-N²-((3-methylquinolin-8-yl)sulfonyl)-N^{Ï‰}â€²-nitro-L-argininate - ethanol (1/1), C₁₉H₂₈N₆O₇S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 275-277.	0.3	0