Wannian Zhang

List of Publications by Year
in descending order

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		218592	175177
64	2,838	26	52
papers	citations	h-index	g-index

65	65	65	4355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation on the chemical space of the substituted triazole thio-benzoxazepinone RIPK1 inhibitors. European Journal of Medicinal Chemistry, 2022, 236, 114345.	2.6	10
2	Targeting Necroptosis as a Promising Therapy for Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2022, 13, 1697-1713.	1.7	13
3	Discovery of bardoxolone derivatives as novel orally active necroptosis inhibitors. European Journal of Medicinal Chemistry, 2021, 212, 113030.	2.6	23
4	Ligand-based substituent-anchoring design of selective receptor-interacting protein kinase 1 necroptosis inhibitors for ulcerative colitis therapy. Acta Pharmaceutica Sinica B, 2021, 11, 3193-3205.	5.7	35
5	Simultaneous determination of both kavalactone and flavokawain constituents by different singleâ€marker methods in kava. Journal of Separation Science, 2021, 44, 2705-2716.	1.3	3
6	Enantiomeric profiling of a chiral benzothiazole necroptosis inhibitor. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128084.	1.0	5
7	Exposure to a mixture of cigarette smoke carcinogens disturbs gut microbiota and influences metabolic homeostasis in A/J mice. Chemico-Biological Interactions, 2021, 344, 109496.	1.7	19
8	Biological Activity, Hepatotoxicity, and Structure-Activity Relationship of Kavalactones and Flavokavins, the Two Main Bioactive Components in Kava (Piper methysticum). Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-14.	0.5	2
9	Structure-based bioisosterism design of thio-benzoxazepinones as novel necroptosis inhibitors. European Journal of Medicinal Chemistry, 2021, 220, 113484.	2.6	21
10	Structure-based molecular hybridization design of Keap1-Nrf2 inhibitors as novel protective agents of acute lung injury. European Journal of Medicinal Chemistry, 2021, 222, 113599.	2.6	19
11	Garlic oil blocks tobacco carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)-induced lung tumorigenesis by inducing phase II drug-metabolizing enzymes. Food and Chemical Toxicology, 2021, 157, 112581.	1.8	7
12	Preparation and characterization of wet-milled cyclovirobuxine D nanosuspensions. Journal of Thermal Analysis and Calorimetry, 2020, 139, 1959-1970.	2.0	7
13	Direct inhibition of Keap1-Nrf2 Protein-Protein interaction as a potential therapeutic strategy for Alzheimer's disease. Bioorganic Chemistry, 2020, 103, 104172.	2.0	36
14	Transcription factor NRF2 as a promising therapeutic target for Alzheimerâ€™s disease. Free Radical Biology and Medicine, 2020, 159, 87-102.	1.3	73
15	Mechanism and Improved Dissolution of Glycyrrhetinic Acid Solid Dispersion by Alkalizers. Pharmaceutics, 2020, 12, 82.	2.0	33
16	Design, Synthesis and Biological Activity of (20S,21S)â€7â€Cyclohexylâ€21â€fluorocamptothecin Carbamates as Potential Antitumor Agents. Chemistry and Biodiversity, 2020, 17, e2000068.	1.0	4
17	Isoliquiritigenin Nanosuspension Enhances Cytostatic Effects in A549 Lung Cancer Cells. Planta Medica, 2020, 86, 538-547.	0.7	15
18	Inhibitor of Apoptosis Protein (IAP) Antagonists in Anticancer Agent Discovery: Current Status and Perspectives. Journal of Medicinal Chemistry, 2019, 62, 5750-5772.	2.9	78

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19	N-(7-Cyano-6-(4-fluoro-3-(2-(3-(trifluoromethyl)phenyl)acetamido)phenoxy)benzo[d]thiazol-2-yl)cyclopropanecarboxam (TAK-632) Analogues as Novel Necroptosis Inhibitors by Targeting Receptor-Interacting Protein Kinase 3 (RIPK3): Synthesis, Structureâ€“Activity Relationships, and in Vivo Efficacy. Journal of Medicinal Chemistry, 2019, 62, 6665-6681.	2.9	39
20	Small molecule-drug conjugates: A novel strategy for cancer-targeted treatment. European Journal of Medicinal Chemistry, 2019, 163, 883-895.	2.6	115
21	Novel fluorescent probes of 10-hydroxyevodiamine: autophagy and apoptosis-inducing anticancer mechanisms. Acta Pharmaceutica Sinica B, 2019, 9, 144-156.	5.7	46
22	Fragment-growing guided design of Keap1-Nrf2 protein-protein interaction inhibitors for targeting myocarditis. Free Radical Biology and Medicine, 2018, 117, 228-237.	1.3	32
23	Discovery of simplified sampangine derivatives as novel fungal biofilm inhibitors. European Journal of Medicinal Chemistry, 2018, 143, 1510-1523.	2.6	18
24	Dual NAMPT/HDAC Inhibitors as a New Strategy for Multitargeting Antitumor Drug Discovery. ACS Medicinal Chemistry Letters, 2018, 9, 34-38.	1.3	41
25	Identification of potent catalytic inhibitors of human DNA topoisomerase II by structure-based virtual screening. MedChemComm, 2018, 9, 1142-1146.	3.5	9
26	Identification of pyrazolopyridine derivatives as novel spleen tyrosine kinase inhibitors. Archiv Der Pharmazie, 2018, 351, 1800083.	2.1	2
27	Discovery of Janus Kinase 2 (JAK2) and Histone Deacetylase (HDAC) Dual Inhibitors as a Novel Strategy for the Combinational Treatment of Leukemia and Invasive Fungal Infections. Journal of Medicinal Chemistry, 2018, 61, 6056-6074.	2.9	84
28	An Indoleâ€“Chalcone Inhibits Multidrug-Resistant Cancer Cell Growth by Targeting Microtubules. Molecular Pharmaceutics, 2018, 15, 3892-3900.	2.3	36
29	Discovery of new Syk inhibitors through structure-based virtual screening. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1776-1779.	1.0	11
30	Novel non-trimethoxylphenyl piperlongumine derivatives selectively kill cancer cells. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2308-2312.	1.0	16
31	Chalcone: A Privileged Structure in Medicinal Chemistry. Chemical Reviews, 2017, 117, 7762-7810.	23.0	938
32	Design, synthesis and evaluation of 4-substituted anthra[2,1-c][1,2,5]thiadiazole-6,11-dione derivatives as novel non-camptothecin topoisomerase I inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1929-1933.	1.0	12
33	Discovery of benzothiazole derivatives as novel non-sulfamide NEDD8 activating enzyme inhibitors by target-based virtual screening. European Journal of Medicinal Chemistry, 2017, 133, 174-183.	2.6	26
34	Structural Biology-Inspired Discovery of Novel KRASâ€“PDEÎ´ Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 9400-9406.	2.9	26
35	Small Molecule Inhibitors Simultaneously Targeting Cancer Metabolism and Epigenetics: Discovery of Novel Nicotinamide Phosphoribosyltransferase (NAMPT) and Histone Deacetylase (HDAC) Dual Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 7965-7983.	2.9	87
36	Facile construction of pyrrolo[1,2-b]isoquinolin-10(5H)-ones via a redox-aminationâ€“aromatizationâ€“Friedelâ€“Crafts acylation cascade reaction and discovery of novel topoisomerase inhibitors. Chemical Communications, 2016, 52, 9593-9596.	2.2	8

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37	Discovery of 7â€Methylâ€10â€Hydroxyhomocamptothecins with 1,2,3â€Triazole Moiety as Potent Topoisomerase I Inhibitors. Chemical Biology and Drug Design, 2016, 88, 398-403.	1.5	12
38	Novel spiropyrazolone antitumor scaffold with potent activity: Design, synthesis and structureâ€“activity relationship. European Journal of Medicinal Chemistry, 2016, 115, 141-147.	2.6	53
39	Chlorin p₆-Based Water-Soluble Amino Acid Derivatives as Potent Photosensitizers for Photodynamic Therapy. Journal of Medicinal Chemistry, 2016, 59, 4999-5010.	2.9	53
40	Strategies in the discovery of novel antifungal scaffolds. Future Medicinal Chemistry, 2016, 8, 1435-1454.	1.1	27
41	The discovery and characterization of a novel scaffold as a potent hepatitis C virus inhibitor. Chemical Communications, 2016, 52, 3340-3343.	2.2	9
42	Protective effects of aloin on oxygen and glucose deprivation-induced injury in PC12 cells. Brain Research Bulletin, 2016, 121, 75-83.	1.4	41
43	Meeting Organocatalysis with Drug Discovery: Asymmetric Synthesis of 3,3â€²-Spirooxindoles Fused with Tetrahydrothiopyrans as Novel p53-MDM2 Inhibitors. Organic Letters, 2016, 18, 1028-1031.	2.4	77
44	Identification of benzothiophene amides as potent inhibitors of human nicotinamide phosphoribosyltransferase. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 765-768.	1.0	14
45	Discovery of highly potent triazoleantifungal agents with piperidine-oxadiazole side chains. MedChemComm, 2015, 6, 653-664.	3.5	10
46	Divergent Cascade Construction of Skeletally Diverse â€œPrivilegedâ€•Pyrazoleâ€Derived Molecular Architectures. European Journal of Organic Chemistry, 2015, 2015, 2030-2037.	1.2	67
47	Discovery of Novel Multiacting Topoisomerase I/II and Histone Deacetylase Inhibitors. ACS Medicinal Chemistry Letters, 2015, 6, 239-243.	1.3	64
48	Scaffold Diversity Inspired by the Natural Product Evodiamine: Discovery of Highly Potent and Multitargeting Antitumor Agents. Journal of Medicinal Chemistry, 2015, 58, 6678-6696.	2.9	156
49	Synthesis and biological activities of fluorinated 10-hydroxycamptothecin and SN38. Journal of Fluorine Chemistry, 2014, 157, 48-51.	0.9	9
50	Scaffold hopping of sampangine: Discovery of potent antifungal lead compound against Aspergillus fumigatus and Cryptococcus neoformans. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4090-4094.	1.0	27
51	Novel Carboline Derivatives as Potent Antifungal Lead Compounds: Design, Synthesis, and Biological Evaluation. ACS Medicinal Chemistry Letters, 2014, 5, 506-511.	1.3	49
52	Discovery of 1-arylpyrrolidone derivatives as potent p53â€“MDM2 inhibitors based on molecule fusing strategy. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2648-2650.	1.0	14
53	Design, synthesis and antifungal activity of novel triazole derivatives containing substituted 1,2,3-triazole-piperdine side chains. European Journal of Medicinal Chemistry, 2014, 82, 490-497.	2.6	68
54	Design, synthesis and biological activity of piperlongumine derivatives as selective anticancer agents. European Journal of Medicinal Chemistry, 2014, 82, 545-551.	2.6	33

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55	Design, Synthesis and Biological Evaluation of Sulfamide and Triazole Benzodiazepines as Novel p53-MDM2 Inhibitors. International Journal of Molecular Sciences, 2014, 15, 15741-15753.	1.8	19
56	A novel drug discovery strategy: Mechanistic investigation of an enantiomeric antitumor agent targeting dual p53 and NF-ÎºB pathways. Oncotarget, 2014, 5, 10830-10839.	0.8	11
57	Novel benzothiazole derivatives with a broad antifungal spectrum: design, synthesis and structureâ€“activity relationships. MedChemComm, 2013, 4, 1551.	3.5	32
58	Structureâ€“activity relationships of tetrahydrocarbazole derivatives as antifungal lead compounds. MedChemComm, 2013, 4, 353-362.	3.5	13
59	Asymmetric Synthesis, Antifungal Activity and Molecular Modeling of Iodiconazole Isomers. Chinese Journal of Chemistry, 2013, 31, 1139-1143.	2.6	2
60	Î²â€Alanineâ€DBU: A Highly Efficient Catalytic System for Knoevenagelâ€Doebner Reaction under Mild Conditions. Chinese Journal of Chemistry, 2012, 30, 139-143.	2.6	10
61	Discovery of highly potent antifungal triazoles by structure-based lead fusion. MedChemComm, 2011, 2, 1066.	3.5	8
62	Topoisomerase Iâ€Mediated Antiproliferative Activity of 10â€Substituted and 12â€Substituted Homocamptothecins. Chemistry and Biodiversity, 2011, 8, 1539-1549.	1.0	5
63	Constructing virtual combinatorial fragment libraries based upon MDL Drug Data Report database. Science in China Series B: Chemistry, 2007, 50, 364-371.	0.8	6
64	A method of active conformation search based on active and inactive analogues and its application to allylamine antimycotics. Science in China Series C: Life Sciences, 1999, 42, 538-547.	1.3	0