Shaojie Wang

List of Publications by Year
in descending order

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29	548	687363 13	677142 22
papers	citations	h-index	g-index

30	30	30	596
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design, synthesis, and biological evaluation of N-(3-cyano-1H-indol-5/6-yl)-6-oxo-1,6-dihydropyrimidine-4-carboxamides and 5-(6-oxo-1,6-dihydropyrimidin-2-yl)-1H-indole-3-carbonitriles as novel xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2022, 227, 113928.	5.5	11
2	Intramolecular hydrogen bond interruption and scaffold hopping of TMC-5 led to 2-(4-alkoxy-3-cyanophenyl)pyrimidine-4/5-carboxylic acids and 6-(4-alkoxy-3-cyanophenyl)-1,2-dihydro-3H-pyrazolo[3,4-d]pyrimidin-3-ones as potent pyrimidine-based xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2022, 229, 114086.	5.5	5
3	Synthesis and biological evaluation of celastrol derivatives as potential anti-glioma agents by activating RIP1/RIP3/MLKL pathway to induce necroptosis. European Journal of Medicinal Chemistry, 2022, 229, 114070.	5.5	15
4	Thiazolidinedione-Based Structure Modification of Celastrol Provides Thiazolidinedione-Conjugated Derivatives as Potent Agents against Non-Small-Cell Lung Cancer Cells through a Mitochondria-Mediated Apoptotic Pathway. Journal of Natural Products, 2022, 85, 1147-1156.	3.0	3
5	Discovery of a Colon-Targeted Azo Prodrug of Tofacitinib through the Establishment of Colon-Specific Delivery Systems Constructed by 5-ASAâ€“PABAâ€“MAC and 5-ASAâ€“PABAâ€“Diamine for the Treatment of Ulcerative Colitis. Journal of Medicinal Chemistry, 2022, 65, 4926-4948.	6.4	6
6	Scaffold hopping of celastrol provides derivatives containing pepper ring, pyrazine and oxazole substructures as potent autophagy inducers against breast cancer cell line MCF-7. European Journal of Medicinal Chemistry, 2022, 234, 114254.	5.5	5
7	Synthesis and biological evaluation of 2-(4-alkoxy-3-cyano)phenylpyrimidine derivatives with 4-amino or 4-hydroxy as a pharmacophore element binding with xanthine oxidase active site. Bioorganic and Medicinal Chemistry, 2021, 38, 116117.	3.0	10
8	Design, synthesis and biological evaluation of novel FXIa inhibitors with 2-phenyl-1H-imidazole-5-carboxamide moiety as P1 fragment. European Journal of Medicinal Chemistry, 2021, 220, 113437.	5.5	7
9	Novel 3-[4-alkoxy-3-(1H-tetrazol-1-yl) phenyl]-1,2,4-oxadiazol-5(4H)-ones as promising xanthine oxidase inhibitors: Design, synthesis and biological evaluation. Bioorganic Chemistry, 2020, 95, 103564.	4.1	18
10	Identification, synthesis and structural confirmation of process-related impurities in proparacaine hydrochloride. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113497.	2.8	4
11	Switching a Xanthine Oxidase Inhibitor to a Dual-Target Antagonist of P2Y₁ and P2Y₁₂ as an Oral Antiplatelet Agent with a Wider Therapeutic Window in Rats than Ticagrelor. Journal of Medicinal Chemistry, 2020, 63, 15752-15772.	6.4	6
12	Protective Role of Melatonin Against Postmenopausal Bone Loss via Enhancement of Citrate Secretion From Osteoblasts. Frontiers in Pharmacology, 2020, 11, 667.	3.5	14
13	WJ-39, an Aldose Reductase Inhibitor, Ameliorates Renal Lesions in Diabetic Nephropathy by Activating Nrf2 Signaling. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-21.	4.0	17
14	Design, synthesis and biological evaluation of 1-alkyl-5/6-(5-oxo-4,5-dihydro-1,2,4-oxadiazol-3-yl)-1H-indole-3-carbonitriles as novel xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2020, 190, 112077.	5.5	27
15	Design, synthesis and biological evaluation of 2-(4-alkoxy-3-cyano)phenyl-6-oxo-1,6-dihydropyrimidine-5-carboxylic acid derivatives as novel xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2019, 181, 111558.	5.5	29
16	Targeting the subpocket in xanthine oxidase: Design, synthesis, and biological evaluation of 2-[4-alkoxy-3-(1H-tetrazol-1-yl) phenyl]-6-oxo-1,6-dihydropyrimidine-5-carboxylic acid derivatives. European Journal of Medicinal Chemistry, 2019, 181, 111559.	5.5	25
17	Glutathione Conjugation and Protein Adduction Derived from Oxidative Debromination of Benzbromarone in Mice. Drug Metabolism and Disposition, 2019, 47, 1281-1290.	3.3	8
18	Novel sarsasapogenin-triazolyl hybrids as potential anti-Alzheimer's agents: Design, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2018, 151, 351-362.	5.5	36

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19	Design, synthesis and biological evaluation of 1-hydroxy-2-phenyl-4-pyridyl-1H-imidazole derivatives as xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2018, 146, 668-677.	5.5	35
20	Synthesis of new sarsasapogenin derivatives with antiproliferative and apoptotic effects in MCF-7 cells. Steroids, 2018, 131, 23-31.	1.8	8
21	A novel structural class of coumarin-chalcone fibrates as PPARÎ±/Î³ agonists with potent antioxidant activities: Design, synthesis, biological evaluation and molecular docking studies. European Journal of Medicinal Chemistry, 2017, 138, 212-220.	5.5	38
22	Synthesis of new sarsasapogenin derivatives with cytotoxicity and apoptosis-inducing activities in human breast cancer MCF-7Âcells. European Journal of Medicinal Chemistry, 2017, 127, 62-71.	5.5	25
23	Metabolic Epoxidation Is a Critical Step for the Development of Benzbromarone-Induced Hepatotoxicity. Drug Metabolism and Disposition, 2017, 45, 1354-1363.	3.3	31
24	Development of a UPLCâ€“MS/MS method for determination of pimavanserin tartrate in rat plasma: Application to a pharmacokinetic study. Journal of Pharmaceutical Analysis, 2017, 7, 406-410.	5.3	9
25	Development and validation of a chiral liquid chromatography method for the determination of MP 3950 enantiomers, a high selective 5-HT 4 receptor agonist, in rat plasma and its application to stereoselective pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 49-54.	2.3	2
26	Simultaneous determination of mosapride and its active des-p-fluorobenzyl and 4â€²-N-oxide metabolites in rat plasma using UPLCâ€“MS/MS: An application for a pharmacokinetic study. Talanta, 2015, 137, 130-135.	5.5	13
27	Synthesis and evaluation of 1-hydroxy/methoxy-4-methyl-2-phenyl-1H-imidazole-5-carboxylic acid derivatives as non-purine xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2015, 103, 343-353.	5.5	63
28	Development and validation of a rapid high-performance liquid chromatography-tandem mass spectrometry method for the determination of WJ-38, a novel aldose reductase inhibitor, in rat plasma and its application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 893-894, 29-33.	2.3	4
29	Synthesis of some 5-phenylisoxazole-3-carboxylic acid derivatives as potent xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 2663-2670.	5.5	74