

Xing Wang

List of Publications by Year in descending order

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687335

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#	ARTICLE	IF	CITATIONS
1	Friedelane-type triterpene cyclase in celastrol biosynthesis from <i>Tripterygium wilfordii</i> and its application for triterpenes biosynthesis in yeast. <i>New Phytologist</i> , 2019, 223, 722-735.	7.3	80
2	Construction of brain atlases based on a multi-center MRI dataset of 2020 Chinese adults. <i>Scientific Reports</i> , 2016, 5, 18216.	3.3	61
3	Flavonones from <i>Penthorum chinense</i> Ameliorate Hepatic Steatosis by Activating the SIRT1/AMPK Pathway in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2555.	4.1	36
4	Identification of berberine as a direct thrombin inhibitor from traditional Chinese medicine through structural, functional and binding studies. <i>Scientific Reports</i> , 2017, 7, 44040.	3.3	30
5	Identification of a specific agonist of human TAS2R14 from <i>Radix Bupleuri</i> through virtual screening, functional evaluation and binding studies. <i>Scientific Reports</i> , 2017, 7, 12174.	3.3	25
6	Role of White Matter Hyperintensities and Related Risk Factors in Vascular Cognitive Impairment: A Review. <i>Biomolecules</i> , 2021, 11, 1102.	4.0	22
7	<i>Penthorum chinense</i> Pursh. extract attenuates non-alcoholic fatty liver disease by regulating gut microbiota and bile acid metabolism in mice. <i>Journal of Ethnopharmacology</i> , 2022, 294, 115333.	4.1	22
8	Probing the Single Key Amino Acid Responsible for the Novel Catalytic Function of ent-Kaurene Oxidase Supported by NADPH-Cytochrome P450 Reductases in <i>Tripterygium wilfordii</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1756.	3.6	21
9	Glucosyltransferase Capable of Catalyzing the Last Step in Neoandrographolide Biosynthesis. <i>Organic Letters</i> , 2018, 20, 5999-6002.	4.6	20
10	Amide alkaloids characterization and neuroprotective properties of <i>Piper nigrum</i> L.: A comparative study with fruits, pericarp, stalks and leaves. <i>Food Chemistry</i> , 2022, 368, 130832.	8.2	20
11	Probabilistic MRI Brain Anatomical Atlases Based on 1,000 Chinese Subjects. <i>PLoS ONE</i> , 2013, 8, e50939.	2.5	19
12	In-vivo absorption of pinocebrin-7-O- β -D-glucoside in rats and its in-vitro biotransformation. <i>Scientific Reports</i> , 2016, 6, 29340.	3.3	19
13	Application of Gd-EOB-DTPA-enhanced magnetic resonance imaging (MRI) in hepatocellular carcinoma. <i>World Journal of Surgical Oncology</i> , 2020, 18, 219.	1.9	19
14	Imaging and clinical features of primary hepatic sarcomatous carcinoma. <i>Cancer Imaging</i> , 2018, 18, 36.	2.8	17
15	Development and validation of an ultra-high performance supercritical fluid chromatography-photodiode array detection-mass spectrometry method for the simultaneous determination of 12 compounds in <i>Piper longum</i> L. <i>Food Chemistry</i> , 2019, 298, 125067.	8.2	16
16	Discovery of Dual ETA/ETB Receptor Antagonists from Traditional Chinese Herbs through in Silico and in Vitro Screening. <i>International Journal of Molecular Sciences</i> , 2016, 17, 389.	4.1	11
17	Three new flavonoids from <i>Penthorum chinense</i> Pursh and their docking studies. <i>Natural Product Research</i> , 2021, 35, 49-56.	1.8	11
18	A specific UDP-glucosyltransferase catalyzes the formation of triptophenolide glucoside from <i>Tripterygium wilfordii</i> Hook. f.. <i>Phytochemistry</i> , 2019, 166, 112062.	2.9	9

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19	Tonal Language Speakers Are Better Able to Segregate Competing Speech According to Talker Sex Differences. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 2801-2810.	1.6	9
20	Discovery of a Natural Syk Inhibitor from Chinese Medicine through a Docking-Based Virtual Screening and Biological Assay Study. <i>Molecules</i> , 2018, 23, 3114.	3.8	8
21	Association of Trimethylamine N-Oxide and Its Precursor With Cerebral Small Vessel Imaging Markers. <i>Frontiers in Neurology</i> , 2021, 12, 648702.	2.4	8
22	Discovery of natural 15-LOX small molecule inhibitors from Chinese herbal medicine using virtual Screening, biological evaluation and molecular dynamics studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105197.	4.1	8
23	Traditional Chinese Bitter Flavor theory: Is there any relation with taste type II receptors?. <i>European Journal of Integrative Medicine</i> , 2016, 8, 980-990.	1.7	6
24	Dynamic changes in clinical and CT characteristics of COVID-19 cases with different exposure histories: a retrospective study. <i>BMC Infectious Diseases</i> , 2020, 20, 567.	2.9	5
25	The rational search for PDE10A inhibitors from <i>Sophora flavescens</i> roots using pharmacophore and docking-based virtual screening. <i>Molecular Medicine Reports</i> , 2017, 17, 388-393.	2.4	2
26	Discovery of a natural PI3K inhibitor through virtual screening and biological assay study. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 709-714.	2.1	2
27	Pharmacological Mechanisms of Tinglizi against Chronic Heart Failure Determined by Network Pharmacology and Molecular Docking. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 1-11.	1.2	2
28	Dihydroflavonoids as Bioactive Components of <i>Penthorum chinense</i> , a Miao Ethnomedicine, against NAFLD through Bile Acid Metabolism Pathway. <i>Chemistry and Biodiversity</i> , 2022, , .	2.1	2
29	Intrinsic and Miniature Postsynaptic Current Changes in Rat Principal Neurons of the Lateral Superior Olive after Unilateral Auditory Deprivation at an Early Age. <i>Neuroscience</i> , 2020, 428, 2-12.	2.3	1