

Xia Wu

List of Publications by Year in descending order

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31
papers

759
citations

516215

16
h-index

525886

27
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38
all docs

38
docs citations

38
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Piperlongumine restores the balance of autophagy and apoptosis by increasing BCL2 phosphorylation in rotenone-induced Parkinson disease models. <i>Autophagy</i> , 2018, 14, 845-861.	4.3	167
2	Piperine induces autophagy by enhancing protein phosphatase 2A activity in a rotenone-induced Parkinson's disease model. <i>Oncotarget</i> , 2016, 7, 60823-60843.	0.8	51
3	Simultaneous UFLC-ESI-MS/MS determination of piperine and piperlonguminine in rat plasma after oral administration of alkaloids from Piper longum L.: Application to pharmacokinetic studies in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2885-2890.	1.2	46
4	Identification and simultaneous quantification of five alkaloids in Piper longum L. by HPLC-ESI-MSn and UFLC-ESI-MS/MS and their application to Piper nigrum L.. <i>Food Chemistry</i> , 2015, 177, 191-196.	4.2	46
5	Protection effect of piperine and piperlonguminine from Piper longum L. alkaloids against rotenone-induced neuronal injury. <i>Brain Research</i> , 2016, 1639, 214-227.	1.1	37
6	Neuroprotective effects of alkaloids from Piper longum in a MPTP-induced mouse model of Parkinson's disease. <i>Pharmaceutical Biology</i> , 2015, 53, 1516-1524.	1.3	36
7	Flavonones from Penthorum chinense Ameliorate Hepatic Steatosis by Activating the SIRT1/AMPK Pathway in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2555.	1.8	36
8	Tissue distribution profiles of three antiparkinsonian alkaloids from Piper longum L. in rats determined by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 78-82.	1.2	32
9	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.	1.6	30
10	Identification and quantitation of major phenolic compounds from penthorum chinense pursh. by HPLC with tandem mass spectrometry and HPLC with diode array detection. <i>Journal of Separation Science</i> , 2015, 38, 2789-2796.	1.3	26
11	Alkaloids from piper longum protect dopaminergic neurons against inflammation-mediated damage induced by intranigral injection of lipopolysaccharide. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 412.	3.7	23
12	Penthorum chinense 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.	2.0	22
13	A new flavanone from the aerial parts of Penthorum chinense. <i>Natural Product Research</i> , 2014, 28, 70-73.	1.0	20
14	Amide alkaloids characterization and neuroprotective properties of Piper nigrum L.: A comparative study with fruits, pericarp, stalks and leaves. <i>Food Chemistry</i> , 2022, 368, 130832.	4.2	20
15	In-vivo absorption of pinocembrin-7-O-β-D-glucoside in rats and its in-vitro biotransformation. <i>Scientific Reports</i> , 2016, 6, 29340.	1.6	19
16	The combination of Ilexhainanoside D and ilexaponin A1 reduces liver inflammation and improves intestinal barrier function in mice with high-fat diet-induced non-alcoholic fatty liver disease. <i>Phytomedicine</i> , 2019, 63, 153039.	2.3	19
17	Endoplasmic reticulum stress and autophagy participate in apoptosis induced by bortezomib in cervical cancer cells. <i>Biotechnology Letters</i> , 2016, 38, 357-365.	1.1	17
18	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 Piper longum L.. <i>Food Chemistry</i> , 2019, 298, 125067.	4.2	16

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19	Antibacterial triterpenoids from the leaves of <i>Ilex hainanensis</i> Merr.. Natural Product Research, 2019, 33, 2435-2439.	1.0	14
20	Three new flavonoids from <i>Penthorum chinense</i> Pursh and their docking studies. Natural Product Research, 2021, 35, 49-56.	1.0	11
21	Comprehensive quality evaluation of Polygoni Orientalis Fructus and its processed product: chemical fingerprinting and simultaneous determination of seven major components coupled with chemometric analyses. Phytochemical Analysis, 2021, 32, 141-152.	1.2	10
22	Renal agenesis-related genes are associated with Herlyn-Werner-Wunderlich syndrome. Fertility and Sterility, 2021, 116, 1360-1369.	0.5	10
23	Discovery of a Natural Syk Inhibitor from Chinese Medicine through a Docking-Based Virtual Screening and Biological Assay Study. Molecules, 2018, 23, 3114.	1.7	8
24	Discovery of natural 15-LOX small molecule inhibitors from Chinese herbal medicine using virtual Screening, biological evaluation and molecular dynamics studies. Bioorganic Chemistry, 2021, 115, 105197.	2.0	8
25	Ilexsaponin A1 Ameliorates Diet-Induced Nonalcoholic Fatty Liver Disease by Regulating Bile Acid Metabolism in Mice. Frontiers in Pharmacology, 2021, 12, 771976.	1.6	7
26	A selective and sensitive UFLC-MS/MS method for the simultaneous determination of five alkaloids from <i>Piper longum</i> L. and its application in the pharmacokinetic study of 6-OHDA-induced Parkinson's disease rats. RSC Advances, 2019, 9, 37082-37091.	1.7	5
27	A UPLC-MS/MS method for simultaneous quantification of pairs of oleanene- and ursane-type triterpenoid saponins and their major metabolites in mice plasma and its application to a comparative pharmacokinetic study. RSC Advances, 2018, 8, 8586-8595.	1.7	4
28	Intraoperative ultrasound-assisted enucleation of residual fibroids following laparoscopic myomectomy. Clinica Chimica Acta, 2019, 495, 652-655.	0.5	4
29	Discovery of a natural PI3K γ inhibitor through virtual screening and biological assay study. Biochemical and Biophysical Research Communications, 2019, 508, 709-714.	1.0	2
30	Dihydroflavonoids as Bioactive Components of <i>Penthorum chinense</i> , a Miao Ethnomedicine, against NAFLD through Bile Acid Metabolism Pathway. Chemistry and Biodiversity, 2022, , .	1.0	2
31	Neuroprotective Alkamides from the Aerial Parts of <i>Achillea alpina</i> L.. Chemistry and Biodiversity, 2022, 19, .	1.0	1