

Wei Xiao

List of Publications by Year in descending order

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43
papers

1,141
citations

471509

17
h-index

414414

32
g-index

50
all docs

50
docs citations

50
times ranked

1520
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant effects of ginkgolides and bilobalide against cerebral ischemia injury by activating the Akt/Nrf2 pathway in vitro and in vivo. <i>Cell Stress and Chaperones</i> , 2019, 24, 441-452.	2.9	128
2	Diterpene ginkgolides protect against cerebral ischemia/reperfusion damage in rats by activating Nrf2 and CREB through PI3K/Akt signaling. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1259-1272.	6.1	80
3	Systematic Investigation of <i>Ginkgo Biloba</i> Leaves for Treating Cardio-cerebrovascular Diseases in an Animal Model. <i>ACS Chemical Biology</i> , 2017, 12, 1363-1372.	3.4	77
4	Ginkgolide K attenuates neuronal injury after ischemic stroke by inhibiting mitochondrial fission and GSK-3 β -dependent increases in mitochondrial membrane permeability. <i>Oncotarget</i> , 2017, 8, 44682-44693.	1.8	66
5	Ginkgo diterpene lactones inhibit cerebral ischemia/reperfusion induced inflammatory response in astrocytes via TLR4/NF- κ B pathway in rats. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112365.	4.1	63
6	Ginkgolides and bilobalide protect BV2 microglia cells against OGD/reoxygenation injury by inhibiting TLR2/4 signaling pathways. <i>Cell Stress and Chaperones</i> , 2016, 21, 1037-1053.	2.9	60
7	The essential oil from the twigs of <i>Cinnamomum cassia</i> Presl alleviates pain and inflammation in mice. <i>Journal of Ethnopharmacology</i> , 2016, 194, 904-912.	4.1	50
8	Ginkgolide K protects the heart against endoplasmic reticulum stress injury by activating the inositol-requiring enzyme 1 α /X-box binding protein β pathway. <i>British Journal of Pharmacology</i> , 2016, 173, 2402-2418.	5.4	50
9	Network pharmacology study on the mechanism of traditional Chinese medicine for upper respiratory tract infection. <i>Molecular BioSystems</i> , 2014, 10, 2517-2525.	2.9	49
10	Insight into the molecular mechanism of a herbal injection by integrating network pharmacology and in vitro. <i>Journal of Ethnopharmacology</i> , 2015, 173, 91-99.	4.1	46
11	Ginkgolide K promotes angiogenesis in a middle cerebral artery occlusion mouse model via activating JAK2/STAT3 pathway. <i>European Journal of Pharmacology</i> , 2018, 833, 221-229.	3.5	46
12	Traditional Chinese medicine Guizhi Fuling capsule used for therapy of dysmenorrhea via attenuating uterus contraction. <i>Journal of Ethnopharmacology</i> , 2016, 191, 273-279.	4.1	44
13	The essential oil from the twigs of <i>Cinnamomum cassia</i> Presl inhibits oxytocin-induced uterine contraction in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2017, 206, 107-114.	4.1	35
14	The evaluation and implementation of direct analysis in real time quadrupole time-of-flight tandem mass spectrometry for characterization and quantification of geniposide in Re Du Ning Injections. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1377-1384.	1.5	33
15	Pharmacokinetics and tissue distribution of ginkgolide A, ginkgolide B, and ginkgolide K after intravenous infusion of ginkgo diterpene lactones in a rat model. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 126, 109-116.	2.8	30
16	Deciphering the multicomponent synergy mechanism from a systems pharmacology perspective: Application to Gualou Xiebai Decoction for coronary heart disease. <i>Journal of Functional Foods</i> , 2018, 47, 143-155.	3.4	21
17	Hypoglycemic and hypolipidemic effects of total glycosides of <i>Cistanche tubulosa</i> in diet/streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2021, 276, 113991.	4.1	21
18	Multiscale Modeling of Drug-induced Effects of ReDuNing Injection on Human Disease: From Drug Molecules to Clinical Symptoms of Disease. <i>Scientific Reports</i> , 2015, 5, 10064.	3.3	17

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19	Systems pharmacology reveals the multi-level synergetic mechanism of action of Ginkgo biloba L. leaves for cardiomyopathy treatment. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113279.	4.1	17
20	Chemical Profiling of Re-Du-Ning Injection by Ultra-Performance Liquid Chromatography Coupled with Electrospray Ionization Tandem Quadrupole Time-of-Flight Mass Spectrometry through the Screening of Diagnostic Ions in MSE Mode. <i>PLoS ONE</i> , 2015, 10, e0121031.	2.5	15
21	Direct analysis in real time ionization/quadrupole time-of-flight tandem mass spectrometry for rapid identification of iridoid glycosides and caffeoylquinic acids in Re Du Ning Injections. <i>Analytical Methods</i> , 2013, 5, 7081.	2.7	13
22	Metabolomics analysis of the therapeutic effects of Qiwei Tongbi oral liquid on rheumatoid arthritis in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114166.	2.8	13
23	Screening and Identification of Multi-Components in Re Du Ning Injections Using LC/TOF-MS Coupled with UV-Irradiation. <i>Journal of Chromatographic Science</i> , 2015, 53, 778-786.	1.4	12
24	Assessing the Anti-inflammatory Mechanism of Reduning Injection by Network Pharmacology. <i>BioMed Research International</i> , 2020, 2020, 1-13.	1.9	11
25	System-level Study on Synergism and Antagonism of Active Ingredients in Traditional Chinese Medicine by Using Molecular Imprinting Technology. <i>Scientific Reports</i> , 2014, 4, 7159.	3.3	10
26	Research on the change of chemical composition in productive process of Re Du Ning injection by HPLC/Q-TOF MS. <i>Biomedical Chromatography</i> , 2016, 30, 131-141.	1.7	10
27	Efficacy and safety of Re-Du-Ning injection in the treatment of seasonal influenza: results from a randomized, double-blinded, multicenter, oseltamivir-controlled trial. <i>Oncotarget</i> , 2017, 8, 55176-55186.	1.8	10
28	Semi-Preparative Scale Separation of Emodin from Plant Extract by Using Molecularly Imprinted Polymer as Stationary Phase. <i>Chromatographia</i> , 2014, 77, 893-899.	1.3	9
29	Ginkgolide K promotes the clearance of A53T mutation alpha-synuclein in SH-SY5Y cells. <i>Cell Biology and Toxicology</i> , 2018, 34, 291-303.	5.3	9
30	Neuroprotective effects of Ginkgolide B in focal cerebral ischemia through selective activation of prostaglandin E_2 receptor EP_4 and the downstream transactivation of epidermal growth factor receptor. <i>Phytotherapy Research</i> , 2021, 35, 2727-2744.	5.8	9
31	Insights into the inhibition and mechanism of compounds against LPS-induced PGE ₂ production: a pathway network-based approach and molecular dynamics simulations. <i>Integrative Biology (United Kingdom)</i> , 2021, 13, 2100017.	1.7	8
32	Ginkgolide K protects SH-SY5Y cells against oxygen-glucose deprivation-induced injury by inhibiting the p38 and JNK signaling pathways. <i>Molecular Medicine Reports</i> , 2018, 18, 3185-3192.	2.4	8
33	Diterpene Ginkgolides Meglumine Injection inhibits apoptosis induced by optic nerve crush injury via modulating MAPKs signaling pathways in retinal ganglion cells. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114371.	4.1	8
34	On-line quantitative monitoring of liquid-liquid extraction of <i>Lonicera japonica</i> and <i>Artemisia annua</i> using near-infrared spectroscopy and chemometrics. <i>Pharmacognosy Magazine</i> , 2015, 11, 643.	0.6	8
35	Centella asiatica (L.) Urb. attenuates cardiac hypertrophy and improves heart function through multi-level mechanisms revealed by systems pharmacology. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115106.	4.1	6
36	Pharmacokinetics of the prototype and hydrolyzed carboxylic forms of ginkgolides A, B, and K administered as a ginkgo diterpene lactones meglumine injection in beagle dogs. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 775-784.	1.3	5

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37	Guizhi Fuling Capsule Exhibits Antidysmenorrhea Activity by Inhibition of Cyclooxygenase Activity. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-10.	1.2	5
38	Illiciumlignans O from the leaves of Illicium dunnianum and their anti-inflammatory activities. RSC Advances, 2021, 11, 30725-30733.	3.6	5
39	Direct inhibition of Re Du Ning Injection and its active compounds on human liver cytochrome P450 enzymes by a cocktail method. Biomedical Chromatography, 2017, 31, e3905.	1.7	4
40	NOGEA: A Network-oriented Gene Entropy Approach for Dissecting Disease Comorbidity and Drug Repositioning. Genomics, Proteomics and Bioinformatics, 2021, 19, 549-564.	6.9	2
41	Two new chemical constituents from the leaves of <i>Illicium dunnianum</i> . Natural Product Research, 2023, 37, 1233-1240.	1.8	2
42	Metabolic Characteristics and Pharmacokinetic Differences of QiweiTongbi Oral Liquid in Rheumatoid Arthritis Rats. Biomedical Chromatography, 2022, , e5375.	1.7	2
43	Synergistic Effect of Network-Based Multicomponent Drugs: An Investigation on the Treatment of Non-Small-Cell Lung Cancer with Compound Liuju Formula. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-15.	1.2	1