Haitong Wan

List of Publications by Year
in descending order

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82	1,085	471509	580821
papers	citations	17	25
		h-index	g-index

87	87	87	931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuroprotective Effect of Danhong Injection on Cerebral Ischemia-Reperfusion Injury in Rats by Activation of the PI3K-Akt Pathway. Frontiers in Pharmacology, 2020, 11, 298.	3.5	67
2	Astragaloside IV alleviates ischemia reperfusion-induced apoptosis by inhibiting the activation of key factors in death receptor pathway and mitochondrial pathway. Journal of Ethnopharmacology, 2020, 248, 112319.	4.1	66
3	Formononetin protects against inflammation associated with cerebral ischemia-reperfusion injury in rats by targeting the JAK2/STAT3 signaling pathway. Biomedicine and Pharmacotherapy, 2022, 149, 112836.	5.6	38
4	A critical review of Astragalus polysaccharides: From therapeutic mechanisms to pharmaceutics. Biomedicine and Pharmacotherapy, 2022, 147, 112654.	5.6	36
5	Effects of Danhong Injection on platelet aggregation in hyperlipidemia rats. Journal of Ethnopharmacology, 2018, 212, 67-73.	4.1	35
6	Greener extraction process and enhanced in vivo bioavailability of bioactive components from Carthamus tinctorius L. by natural deep eutectic solvents. Food Chemistry, 2021, 348, 129090.	8.2	35
7	Protective effect of Danhong Injection combined with Naoxintong Capsule on cerebral ischemia-reperfusion injury in rats. Journal of Ethnopharmacology, 2018, 211, 348-357.	4.1	32
8	Effects of herbal drugs in Mahuang decoction and their main components on intestinal transport characteristics of Ephedra alkaloids evaluated by a Caco-2 cell monolayer model. Journal of Ethnopharmacology, 2015, 164, 22-29.	4.1	31
9	Protective effect of hydroxysafflor yellow A alone or in combination with acetylglutamine on cerebral ischemia reperfusion injury in rat: A PET study using 18F-fuorodeoxyglucose. European Journal of Pharmacology, 2018, 825, 119-132.	3.5	28
10	Precursor ion scan enhanced rapid identification of the chemical constituents of Danhong injection by liquid chromatographyâ€“tandem mass spectrometry: An integrated strategy. Journal of Chromatography A, 2019, 1602, 378-385.	3.7	28
11	Guhong injection protects against focal cerebral ischemiaâ€“reperfusion injury via anti-inflammatory effects in rats. Archives of Pharmacal Research, 2017, 40, 610-622.	6.3	27
12	Mahuang decoction mitigates airway inflammation and regulates IL-21/STAT3 signaling pathway in rat asthma model. Journal of Ethnopharmacology, 2018, 224, 373-380.	4.1	24
13	Protective effect of chuanxiongzine-puerarin in a rat model of transient middle cerebral artery occlusion-induced focal cerebral ischemia. Nuclear Medicine Communications, 2008, 29, 1113-1122.	1.1	23
14	Role of the neurovascular unit in the process of cerebral ischemic injury. Pharmacological Research, 2020, 160, 105103.	7.1	23
15	Biotransformation of natural hydroxycinnamic acids by gut microbiota from normal and cerebral ischemia-reperfusion injured rats: a comparative study. Food and Function, 2020, 11, 5389-5395.	4.6	23
16	Danhong injection alleviates cerebral ischemia/reperfusion injury by improving intracellular energy metabolism coupling in the ischemic penumbra. Biomedicine and Pharmacotherapy, 2021, 140, 111771.	5.6	23
17	Hydroxysafflor yellow A and anhydrosafflor yellow B alleviate ferroptosis and parthanatos in PC12Âcells injured by OGD/R. Free Radical Biology and Medicine, 2022, 179, 1-10.	2.9	22
18	Exploring bitterness of traditional Chinese medicine samples by potentiometric electronic tongue and by capillary electrophoresis and liquid chromatography coupled to UV detection. Talanta, 2016, 152, 105-111.	5.5	19

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19	Effects of Active Components of Fuzi and Gancao Compatibility on Bax, Bcl-2, and Caspase-3 in Chronic Heart Failure Rats. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-12.	1.2	18
20	Antiviral effects of Ma Huang Tang against H1N1 influenza virus infection in vitro and in an ICR pneumonia mouse model. Biomedicine and Pharmacotherapy, 2018, 102, 1161-1175.	5.6	18
21	PET Demonstrates Functional Recovery after Treatment by Danhong Injection in a Rat Model of Cerebral Ischemic-Reperfusion Injury. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	1.2	16
22	Network Pharmacology and Molecular Docking-Based Mechanism Study to Reveal the Protective Effect of Salvianolic Acid C in a Rat Model of Ischemic Stroke. Frontiers in Pharmacology, 2021, 12, 799448.	3.5	16
23	Correlation study between the pharmacokinetics of seven main active ingredients of Mahuang decoction and its pharmacodynamics in asthmatic rats. Journal of Pharmaceutical and Biomedical Analysis, 2020, 183, 113144.	2.8	15
24	Hydroxysafflor Yellow A and Anhydrosafflor Yellow B Protect Against Cerebral Ischemia/Reperfusion Injury by Attenuating Oxidative Stress and Apoptosis via the Silent Information Regulator 1 Signaling Pathway. Frontiers in Pharmacology, 2021, 12, 739864.	3.5	15
25	Yangyin Tongnao granules enhance neurogenesis in the peri-infarct area and upregulate brain-derived neurotrophic factor and vascular endothelial growth factor after focal cerebral ischemic infarction in rats. Molecular Biology Reports, 2019, 46, 3817-3826.	2.3	14
26	Protective effects of Astragaloside IV against oxidative injury and apoptosis in cultured astrocytes by regulating Nrf2/JNK signaling. Experimental Brain Research, 2021, 239, 1827-1840.	1.5	14
27	Fungal elicitors stimulate biomass and active ingredients accumulation in Dendrobium catenatum plantlets. Biologia (Poland), 2018, 73, 917-926.	1.5	13
28	Simultaneous Optimization of the Ultrasonic Extraction Method and Determination of the Antioxidant Activities of Hydroxysafflor Yellow A and Anhydrosafflor Yellow B from Safflower Using a Response Surface Methodology. Molecules, 2020, 25, 1226.	3.8	13
29	Comparative Pharmacokinetics of Hydrophilic Components in Salvia miltiorrhiza Bge. and Carthamus tinctorius L. in Rats That Underwent Cerebral Ischemia Reperfusion Using an HPLC-DAD Method. Frontiers in Pharmacology, 2020, 10, 1598.	3.5	13
30	Screening, Optimization, and Bioavailability Research of Natural Deep Eutectic Solvent Extracts from Radix Pueraria. Molecules, 2021, 26, 729.	3.8	13
31	An integrative strategy for discovery of functional compound combination from Traditional Chinese Medicine: Danhong Injection as a model. Biomedicine and Pharmacotherapy, 2021, 138, 111451.	5.6	13
32	Ultrasound-assisted preparation of â€˜Ready-to-useâ€™ extracts from Radix Paeoniae Rubra with natural deep eutectic solvents and neuroprotectivity evaluation of the extracts against cerebral ischemic/reperfusion injury. Ultrasonics Sonochemistry, 2022, 84, 105968.	8.2	13
33	Inhibition of Oxidative Stress: An Important Molecular Mechanism of Chinese Herbal Medicine (Astragalus membranaceus, Carthamus tinctorius L., Radix Salvia Miltiorrhizae, etc.) in the Treatment of Ischemic Stroke by Regulating the Antioxidant System. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-10.	4.0	13
34	Simultaneous quantification of nine major active components in traditional Chinese prescription Mahuang decoction and the influence of herbal compatibility on their contents. Pharmacognosy Magazine, 2014, 10, 72.	0.6	12
35	REDUCING TOXICITY AND INCREASING EFFICIENCY: ACONITINE WITH LIQUIRITIN AND GLYCYRRHETINIC ACID REGULATE CALCIUM REGULATORY PROTEINS IN RAT MYOCARDIAL CELL. Tropical Journal of Obstetrics and Gynaecology, 2017, 14, 69-79.	0.3	12
36	Protective effects of polysaccharides on cerebral ischemia: A mini-review of the mechanisms. International Journal of Biological Macromolecules, 2021, 169, 463-472.	7.5	12

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37	Dan Hong Injection Protects Against Cardiomyocytes Apoptosis by Maintaining Mitochondrial Integrity Through Keap1/Nuclear Factor Erythroid 2-Related Factor 2/JNK Pathway. Frontiers in Pharmacology, 2020, 11, 591197.	3.5	11
38	Danhong Injection Attenuates Cerebral Ischemia-Reperfusion Injury in Rats Through the Suppression of the Neuroinflammation. Frontiers in Pharmacology, 2021, 12, 561237.	3.5	11
39	Effects of Danhong injection on dyslipidemia and cholesterol metabolism in high-fat diets fed rats. Journal of Ethnopharmacology, 2021, 274, 114058.	4.1	11
40	Guhong Injection Alleviates Cerebral Ischemiaâ€“Reperfusion Injury via the PKC/HIF-1Î± Pathway in Rats. Frontiers in Pharmacology, 2021, 12, 716121.	3.5	11
41	Recent Advances in Chinese Herbal Medicine for Cerebral Ischemic Reperfusion Injury. Frontiers in Pharmacology, 2021, 12, 688596.	3.5	11
42	A Study on Acetylglutamine Pharmacokinetics in Rat Blood and Brain Based on Liquid Chromatography-Tandem Mass Spectrometry and Microdialysis Technique. Frontiers in Pharmacology, 2020, 11, 508.	3.5	10
43	Guhong Injection Protects Against Apoptosis in Cerebral Ischemia by Maintaining Cerebral Microvasculature and Mitochondrial Integrity Through the PI3K/AKT Pathway. Frontiers in Pharmacology, 2021, 12, 650983.	3.5	10
44	Optimization of multiplex quantitative polymerase chain reaction based on response surface methodology and an artificial neural network-genetic algorithm approach. PLoS ONE, 2018, 13, e0200962.	2.5	9
45	Optimized separation of anhydrosafflor yellow B from safflower by high-speed counter-current chromatography and evaluation of its cardio-protective effect. Food and Function, 2021, 12, 9360-9371.	4.6	9
46	Optimization of Extraction or Purification Process of Multiple Components from Natural Products: Entropy Weight Method Combined with Plackettâ€“Burman Design and Central Composite Design. Molecules, 2021, 26, 5572.	3.8	9
47	Pharmacokinetics of seven major active components of Mahuang decoction in rat blood and brain by LCâ€“MS/MS coupled to microdialysis sampling. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1559-1571.	3.0	8
48	Danhong injection enhances the therapeutic effect of mannitol on hemispheric ischemic stroke by ameliorating blood-brain barrier disruption. Biomedicine and Pharmacotherapy, 2021, 142, 112048.	5.6	8
49	PEGylated chitosan microspheres as mucoadhesive drugâ€delivery carriers for puerarin. Journal of Applied Polymer Science, 2015, 132, .	2.6	7
50	Guhong Injection promotes fracture healing by activating Wnt/beta-catenin signaling pathway in vivo and in vitro. Biomedicine and Pharmacotherapy, 2019, 120, 109436.	5.6	7
51	Compatibility of ingredients of Danshen (Radix Salviae Miltiorrhizae) and Honghua (Flos Carthami) and their protective effects on cerebral ischemiaâ€reperfusion injury in rats. Experimental and Therapeutic Medicine, 2021, 22, 849.	1.8	7
52	Spectrum-Effect Relationship between HPLC Fingerprints and Antioxidant Activity of Yangyin Tongnao Prescription. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-11.	1.6	7
53	Protocatechudehyde improves mitochondrial energy metabolism through the HIF1Î±/PDK1 signaling pathway to mitigate ischemic stroke-elicited internal capsule injury. Journal of Ethnopharmacology, 2021, 277, 114232.	4.1	7
54	Comparison of Traditional Chinese Medicine in the Long-Term Secondary Prevention for Patients with Ischemic Stroke: A Systematical Analysis. Frontiers in Pharmacology, 2021, 12, 722975.	3.5	7

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55	Effect of Hcp Iron Ion Regulation on the Interaction Between Acinetobacter baumannii With Human Pulmonary Alveolar Epithelial Cells and Biofilm Formation. Frontiers in Cellular and Infection Microbiology, 2022, 12, 761604.	3.9	7
56	Guanxinshutong capsule ameliorates cardiac function and architecture following myocardial injury by modulating ventricular remodeling in rats. Biomedicine and Pharmacotherapy, 2020, 130, 110527.	5.6	6
57	Output Regulation and Function Optimization of Mitochondria in Eukaryotes. Frontiers in Cell and Developmental Biology, 2020, 8, 598112.	3.7	6
58	Investigation on the mechanism of 2,3,4â€²,5-Tetrahydroxystilbene 2-o-D-glucoside in the treatment of inflammation based on network pharmacology. Computers in Biology and Medicine, 2022, 145, 105448.	7.0	6
59	Naoxintong Capsule Alternates Gut Microbiota and Prevents Hyperlipidemia in High-Fat-Diet Fed Rats. Frontiers in Pharmacology, 2022, 13, 843409.	3.5	6
60	Influence of liquid lipid content on the properties of puerarin-loaded lipid nanoparticles. Journal of the Chinese Advanced Materials Society, 2014, 2, 9-19.	0.7	5
61	Glycyrrhetinic acid protects H9c2 cells from oxygen glucose deprivation-induced injury through the PI3K/AKt signaling pathway. Journal of Natural Medicines, 2017, 71, 27-35.	2.3	5
62	Dynamic Monitoring of sTREM-1 and Other Biomarkers in Acute Cholangitis. Mediators of Inflammation, 2020, 2020, 1-14.	3.0	5
63	Domesticated and optimized mitochondria: Mitochondrial modifications based on energetic status and cellular stress. Life Sciences, 2021, 265, 118766.	4.3	5
64	Protective effects of effective ingredients of Danshen (Radix Salviae Miltiorrhizae) and Honghua (Flos) Tj ETQq0 0 0 rgBT /Overlock 10 T Traditional Chinese Medicine, 2018, 38, 685-697.	0.2	5
65	Simultaneous optimization of the extraction process of Yangyin Yiqi Huoxue prescription with natural deep eutectic solvents for optimal extraction yield and antioxidant activity: A comparative study of two models. Phytomedicine, 2022, 102, 154156.	5.3	5
66	Effect of calcium on the interaction of Acinetobacter baumannii with human respiratory epithelial cells. BMC Microbiology, 2019, 19, 264.	3.3	4
67	SIRT1 Is the Target Gene for 2,3,5,4â€™-Tetrahydroxystilbene-2-O-Î²-D-Glucoside Alleviating the HUVEC Senescence. Frontiers in Pharmacology, 2020, 11, 542902.	3.5	4
68	The effect of Guanxin Shutong capsule on alleviating the myocardial fibrosis in heart failure rats. Journal of Ethnopharmacology, 2021, 275, 114169.	4.1	3
69	Comparison of Buyang Huanwu granules and Naoxintong capsules in the treatment of stable angina pectoris: rationale and design of a randomized, blinded, multicentre clinical trial. Trials, 2022, 23, 65.	1.6	3
70	Characterization of the major chemical constituents in Ardisia gigantifolia by high performance liquid chromatography coupled to electrospray ionization and quadrupole time-of-flight mass spectrometry. Analytical Methods, 2017, 9, 5816-5825.	2.7	2
71	Comparison of the clinical features and therapeutics of COVID-19 in cardio-cerebrovascular disease (CCVD) and non-CCVD patients. Frontiers of Medicine, 2021, 15, 629-637.	3.4	2
72	Design and Methodology of a Multicenter Randomized Clinical Trial to Evaluate the Efficacy of Tongmai Jiangtang Capsules in Type 2 Diabetic Coronary Heart Disease Patients. Frontiers in Pharmacology, 2021, 12, 625785.	3.5	2

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73	Analogs of imine resveratrol alleviate oxidative stressâ€induced neurotoxicity in PC12 cells via activation of Nrf2. FEBS Open Bio, 2021, 11, 2127-2138.	2.3	2
74	Effects of Guanxinshutong Capsules as Complementary Treatment in Patients With Chronic Heart Failure: Study Protocol for a Randomized Controlled Trial. Frontiers in Pharmacology, 2020, 11, 571106.	3.5	2
75	2,3,5,4â€™-Tetrahydroxystilbene-2-O-Î²-D-Glucoside modulated human umbilical vein endothelial cells injury under oxidative stress. Korean Journal of Physiology and Pharmacology, 2020, 24, 473-479.	1.2	2
76	Retrospective Study of Aging and Sex-Specific Risk Factors of COVID-19 with Hypertension in China. Cardiovascular Therapeutics, 2022, 2022, 1-11.	2.5	2
77	A study of affecting the recovery of Chinese patients with Bell palsy. Medicine (United States), 2019, 98, e14244.	1.0	1
78	Astragaloside IV Alleviates Infarction Induced Cardiomyocyte Injury by Improving Mitochondrial Morphology and Function. Frontiers in Cardiovascular Medicine, 2022, 9, 810541.	2.4	1
79	Optimization of Extraction Technology for Total Flavones from Metasequoia by Response Surface Methodology. , 2015, , .		0
80	Transport properties of paeoniflorin and amygdalin across caco-2 cell monolayer model and their modulation of cytochrome p450 metabolism. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 1569-1575.	0.2	0
81	Screening of Antiviral Components of Yinhuapinggan Granule and Protective Effects of Yinhuapinggan Granule on MDCK Cells with Influenza A/H1N1 Virus. BioMed Research International, 2022, 2022, 1-14.	1.9	0
82	Pharmacokinetic-Pharmacodynamic Modeling of Active Components from Salvia miltiorrhiza (Danshen) and Carthamus tinctorius (Honghua) in Focal Cerebral Ischemia Rats. Revista Brasileira De Farmacognosia, 0, , .	1.4	0