Chun-Jie Wu

List of Publications by Year
in descending order

76	2,406	257450	233421
papers	citations	24 h-index	45 g-index

79	79	79	2169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation of Nrf2/HO-1 signaling: An important molecular mechanism of herbal medicine in the treatment of atherosclerosis via the protection of vascular endothelial cells from oxidative stress. Journal of Advanced Research, 2021, 34, 43-63.	9.5	248
2	Areca catechu L. (Arecaceae): A review of its traditional uses, botany, phytochemistry, pharmacology and toxicology. Journal of Ethnopharmacology, 2015, 164, 340-356.	4.1	203
3	Zanthoxylum bungeanum Maxim. (Rutaceae): A Systematic Review of Its Traditional Uses, Botany, Phytochemistry, Pharmacology, Pharmacokinetics, and Toxicology. International Journal of Molecular Sciences, 2017, 18, 2172.	4.1	164
4	Suppression of apoptosis in vascular endothelial cell, the promising way for natural medicines to treat atherosclerosis. Pharmacological Research, 2021, 168, 105599.	7.1	114
5	The pharmacology, toxicology and potential applications of arecoline: a review. Pharmaceutical Biology, 2016, 54, 2753-2760.	2.9	103
6	Apoptosis Induction of Fibroblast-Like Synoviocytes Is an Important Molecular-Mechanism for Herbal Medicine along with its Active Components in Treating Rheumatoid Arthritis. Biomolecules, 2019, 9, 795.	4.0	97
7	Identification of the active substances and mechanisms of ginger for the treatment of colon cancer based on network pharmacology and molecular docking. BioData Mining, 2021, 14, 1.	4.0	92
8	Preparation and Evaluation of a Carbopol^{Â®}/HPMC-based In Situ Gelling Ophthalmic System for Puerarin. Yakugaku Zasshi, 2007, 127, 183-191.	0.2	87
9	Ginger (<scp>Zingiber officinale</scp> Rosc.) and its bioactive components are potential resources for health beneficial agents. Phytotherapy Research, 2021, 35, 711-742.	5.8	85
10	Traditional Uses, Botany, Phytochemistry, Pharmacology, Pharmacokinetics and Toxicology of Xanthium strumarium L.: A Review. Molecules, 2019, 24, 359.	3.8	83
11	Guizhi-Shaoyao-Zhimu decoction possesses anti-arthritic effects on type II collagen-induced arthritis in rats via suppression of inflammatory reactions, inhibition of invasion & migration and induction of apoptosis in synovial fibroblasts. Biomedicine and Pharmacotherapy, 2019, 118, 109367.	5.6	75
12	The Application of Fermentation Technology in Traditional Chinese Medicine: A Review. The American Journal of Chinese Medicine, 2020, 48, 899-921.	3.8	68
13	Toona sinensis: a comprehensive review on its traditional usages, phytochemisty, pharmacology and toxicology. Revista Brasileira De Farmacognosia, 2019, 29, 111-124.	1.4	60
14	Antiobesity, Regulation of Lipid Metabolism, and Attenuation of Liver Oxidative Stress Effects of Hydroxy-Î±-sanshool Isolated from Zanthoxylum bungeanum on High-Fat Diet-Induced Hyperlipidemic Rats. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	43
15	Antitumor activity of 4-O-(2â€³-O-acetyl-6â€³-O-p-coumaroyl-Î²-d-glucopyranosyl)-p-coumaric acid against lung cancers via mitochondrial-mediated apoptosis. Chemico-Biological Interactions, 2015, 233, 8-13.	4.0	40
16	Traditional Uses, Origins, Chemistry and Pharmacology of Bombyx batryticatus: A Review. Molecules, 2017, 22, 1779.	3.8	35
17	Panaxatriol Saponins Attenuated Oxygen-Glucose Deprivation Injury in PC12 Cells via Activation of PI3K/Akt and Nrf2 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-11.	4.0	32
18	A Network Pharmacology Approach to Investigate the Anticancer Mechanism and Potential Active Ingredients of Rheum palmatum L. Against Lung Cancer via Induction of Apoptosis. Frontiers in Pharmacology, 2020, 11, 528308.	3.5	32

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19	Hydroxy-Î±-sanshool isolated from Zanthoxylum bungeanum attenuates learning and memory impairments in scopolamine-treated mice. Food and Function, 2019, 10, 7315-7324.	4.6	31
20	A novel method for rapid discrimination of bulbus of Fritillaria by using electronic nose and electronic tongue technology. Analytical Methods, 2015, 7, 943-952.	2.7	30
21	Antiepileptic Effects of Protein-Rich Extract from Bombyx batryticatus on Mice and Its Protective Effects against H₂O₂-Induced Oxidative Damage in PC12 Cells via Regulating PI3K/Akt Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	30
22	Extraction Optimization, Characterization, and Bioactivities of Polysaccharides from Pinelliae Rhizoma Praeparatum Cum Alumine Employing Ultrasound-Assisted Extraction. Molecules, 2017, 22, 965.	3.8	29
23	Quality and Authenticity Control of Functional Red Yeast Riceâ€"A Review. Molecules, 2019, 24, 1944.	3.8	29
24	Hydroxy-Î±-sanshool Possesses Protective Potentials on H₂O₂-Stimulated PC12 Cells by Suppression of Oxidative Stress-Induced Apoptosis through Regulation of PI3K/Akt Signal Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-12.	4.0	29
25	Anti-platelet activity of panaxatriol saponins is mediated by suppression of intracellular calcium mobilization and ERK2/p38 activation. BMC Complementary and Alternative Medicine, 2016, 16, 174.	3.7	27
26	Efficient Approach for the Extraction and Identification of Red Pigment from Zanthoxylum bungeanum Maxim and Its Antioxidant Activity. Molecules, 2018, 23, 1109.	3.8	22
27	Identification of the Active Constituents and Significant Pathways of Guizhi-Shaoyao-Zhimu Decoction for the Treatment of Diabetes Mellitus Based on Molecular Docking and Network Pharmacology. Combinatorial Chemistry and High Throughput Screening, 2020, 22, 584-598.	1.1	22
28	A Novel Method for the Discrimination of Semen Arecae and Its Processed Products by Using Computer Vision, Electronic Nose, and Electronic Tongue. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	1.2	21
29	In silico drug design of inhibitor of nuclear factor kappa B kinase subunit beta inhibitors from 2-acylamino-3-aminothienopyridines based on quantitative structureâ€"activity relationships and molecular docking. Computational Biology and Chemistry, 2019, 78, 297-305.	2.3	21
30	Botanical and Traditional Uses and Phytochemical, Pharmacological, Pharmacokinetic, and Toxicological Characteristics of Ziziphi Spinosae Semen: A Review. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-21.	1.2	21
31	Anti-proliferation and anti-migration effects of an aqueous extract of Cinnamomi ramulus on MH7A rheumatoid arthritis-derived fibroblast-like synoviocytes through induction of apoptosis, cell arrest and suppression of matrix metalloproteinase. Pharmaceutical Biology, 2020, 58, 863-877.	2.9	21
32	Processing methods and mechanisms for alkaloid-rich Chinese herbal medicines: A review. Journal of Integrative Medicine, 2021, 19, 89-103.	3.1	21
33	Current strategies and technologies for finding drug targets of active components from traditional Chinese medicine. Frontiers in Bioscience, 2021, 26, 572.	2.1	19
34	Natural Medicines for the Treatment of Epilepsy: Bioactive Components, Pharmacology and Mechanism. Frontiers in Pharmacology, 2021, 12, 604040.	3.5	19
35	The Effect of Protein-Rich Extract from Bombyx Batryticatus against Glutamate-Damaged PC12 Cells Via Regulating Î³-Aminobutyric Acid Signaling Pathway. Molecules, 2020, 25, 553.	3.8	17
36	Comparative studies on flavor substances of leaves and pericarps of <i>Zanthoxylum bungeanum</i> Maxim. at different harvest periods. Tropical Journal of Pharmaceutical Research, 2019, 18, 279.	0.3	16

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37	Purification, Characterization of Two Polysaccharides from Pinelliae Rhizoma Praeparatum Cum Alumine and Their Anti-Inflammatory Effects on Mucus Secretion of Airway Epithelium. International Journal of Molecular Sciences, 2019, 20, 3553.	4.1	15
38	HIF-1Î± is a Potential Molecular Target for Herbal Medicine to Treat Diseases . Drug Design, Development and Therapy, 2020, Volume 14, 4915-4949.	4.3	15
39	Research on choleretic effect of menthol, menthone, pluegone, isomenthone, and limonene in DanShu capsule. International Immunopharmacology, 2015, 24, 191-197.	3.8	14
40	Traditional uses, botany, phytochemistry, pharmacology, separation and analysis technologies of Euonymus alatus (Thunb.) Siebold: A comprehensive review. Journal of Ethnopharmacology, 2020, 259, 112942.	4.1	14
41	Identification of Different Bile Species and Fermentation Times of Bile Arisaema Based on an Intelligent Electronic Nose and Least Squares Support Vector Machine. Analytical Chemistry, 2018, 90, 3460-3466.	6.5	13
42	Development and in vivo Evaluation of Hydroxy-Î±-Sanshool Intranasal Liposomes as a Potential Remedial Treatment for Alzheimerâ€™s Disease. International Journal of Nanomedicine, 2022, Volume 17, 185-201.	6.7	12
43	Natural Flavonoids Derived From Fruits Are Potential Agents Against Atherosclerosis. Frontiers in Nutrition, 2022, 9, 862277.	3.7	12
44	Quality evaluation of Hanyuan Zanthoxylum bungeanum Maxim. Using computer vision system combined with artificial neural network: A novel method. International Journal of Food Properties, 2017, 20, 3056-3063.	3.0	11
45	Inducing Apoptosis and Suppressing Inflammatory Reactions in Synovial Fibroblasts are Two Important Ways for Guizhi-Shaoyao-Zhimu Decoction Against Rheumatoid Arthritis. Journal of Inflammation Research, 2021, Volume 14, 217-236.	3.5	11
46	Polydatin: A Critical Promising Natural Agent for Liver Protection via Antioxidative Stress. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-14.	4.0	11
47	Optimum Extraction of Polysaccharide fromAreca catechuUsing Response Surface Methodology and its Antioxidant Activity. Journal of Food Processing and Preservation, 2017, 41, e12798.	2.0	10
48	Using the â€œtarget constituent removal combined with bioactivity assayâ€•strategy to investigate the optimum arecoline content in charred areca nut. Scientific Reports, 2017, 7, 40278.	3.3	10
49	Towards to potential 2-cyano-pyrimidines cathepsin-K inhibitors: An in silico design and screening research based on comprehensive application of quantitative structureâ€“activity relationships, molecular docking and ADMET prediction. Journal of Molecular Structure, 2019, 1195, 914-928.	3.6	10
50	Identification of different species of Zanthoxyli Pericarpium based on convolution neural network. PLoS ONE, 2020, 15, e0230287.	2.5	10
51	A novel method for the discrimination of Hawthorn and its processed products using an intelligent sensory system and artificial neural networks. Food Science and Biotechnology, 2016, 25, 1545-1550.	2.6	9
52	The Volatile Oil of Zanthoxylum bungeanum Pericarp Improved the Hypothalamic-Pituitary-Adrenal Axis and Gut Microbiota to Attenuate Chronic Unpredictable Stress-Induced Anxiety Behavior in Rats. Drug Design, Development and Therapy, 2021, Volume 15, 769-786.	4.3	9
53	Phytochemicals in traditional Chinese medicine can treat gout by regulating intestinal flora through inactivating NLRP3 and inhibiting XOD activity. Journal of Pharmacy and Pharmacology, 2022, 74, 919-929.	2.4	9
54	Geographical-origin discrimination and volatile oil quantitative analysis of Zanthoxylum bungeanum Maxim. with a portable near-infrared spectrometer. Analytical Methods, 2019, 11, 5301-5310.	2.7	8

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55	Antiepileptic Effects of Cicadae Periostracum on Mice and Its Antiapoptotic Effects in H2O2-Stimulated PC12 Cells via Regulation of PI3K/Akt/Nrf2 Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-19.	4.0	8
56	Identification of Active Compounds and Mechanism of Huangtu Decoction for the Treatment of Ulcerative Colitis by Network Pharmacology Combined with Experimental Verification. Drug Design, Development and Therapy, 2021, Volume 15, 4125-4140.	4.3	8
57	Simultaneous Determination of Isopyrazam and Azoxystrobin in Cucumbers by Liquid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Food Protection, 2017, 80, 2112-2118.	1.7	7
58	Efficacy and tolerability ofGuizhi-Shaoyao-Zhimudecoction in gout patients: a systematic review and Meta-analysis. Pharmaceutical Biology, 2020, 58, 1032-1043.	2.9	7
59	Natural substances derived from herbs or plants are promising sources of anticancer agents against colorectal cancer via triggering apoptosis. Journal of Pharmacy and Pharmacology, 2022, 74, 162-178.	2.4	7
60	Quality assessment of Fritillariae cirrhosae using portable NIR spectrometer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120325.	3.9	7
61	Comparative Researches of Semen Arecae and Charred Semen Arecae on Gastrointestinal Motility, Motilin, Substance P, and CCK in Chronically Stressed Rats. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-8.	1.2	6
62	An Integrated Approach Based on Network Analysis Combined With Experimental Verification Reveals PI3K/Akt/Nrf2 Signaling Is an Important Way for the Anti-Myocardial Ischemia Activity of Yi-Qi-Tong-Luo Capsule. Frontiers in Pharmacology, 2022, 13, 794528.	3.5	6
63	Study on In Vitro Metabolism and In Vivo Pharmacokinetics of Beauvericin. Toxins, 2022, 14, 477.	3.4	6
64	Application of response surface methodology (RSM) for optimization of the supercritical CO2 extract of oil from Zanthoxylum bungeanum pericarp: Yield, composition and gastric protective effect. Food Chemistry: X, 2022, 15, 100391.	4.3	6
65	Prediction of chemical component contents of the fruit of Xanthium strumarium L. during processing based on a computer vision system combined with a support vector machine. Analytical Methods, 2019, 11, 3260-3268.	2.7	5
66	Ultrasonic extraction, structural characterization, and bioactivities of nonstarch polysaccharides from red yeast rice. Biotechnology and Applied Biochemistry, 2020, 67, 273-286.	3.1	5
67	Research progress regarding potential effects of traditional Chinese medicine on postoperative intestinal obstruction. Journal of Pharmacy and Pharmacology, 2021, 73, 1007-1022.	2.4	5
68	Rapid and Nondestructive Determination of origin, volatile oil, sanshoamides and crack rate in the â€˜Sichuan Pepperâ€™ Based on a Novel Portable Near Infrared Spectrometer. Journal of Food Composition and Analysis, 2021, 101, 103942.	3.9	5
69	The Substance Basis Research of Stir-Baking to Dark Brown Could Enhance the Promoting Effects of Areca Nut on Gastrointestinal Motility. Journal of Food Processing and Preservation, 2017, 41, e13103.	2.0	4
70	An Integrated Approach Based on Network Pharmacology Combined with Experimental Verification Reveals AMPK/PI3K/Akt Signaling is an Important Way for the Anti-Type 2 Diabetic Activity of Silkworm Excrement. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 601-616.	2.4	4
71	Network Pharmacology and Molecular Docking Approaches to Investigating the Mechanism of Action of Zanthoxylum bungeanum in the Treatment of Oxidative Stress-induced Diseases. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 1754-1768.	1.1	4
72	Health benefits of spices in individuals with chemotherapeutic drug-induced cardiotoxicity. Current Opinion in Pharmacology, 2022, 63, 102187.	3.5	4

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73	Discovery of Active Ingredients in Traditional Chinese Medicine Based on the Analysis of Odor and Flavor of Compounds. Current Pharmaceutical Design, 2022, 28, 2771-2784.	1.9	4
74	Botany, traditional uses, phytochemistry, pharmacological and toxicological effects of Croton tiglium Linn.: a comprehensive review. Journal of Pharmacy and Pharmacology, 2022, 74, 1061-1084.	2.4	4
75	Effects of Musk Volatile Compounds on Attenuated Nerve Injury and Improving Post-cerebral Ischemic Exercise Functions. Current Pharmaceutical Design, 2022, 28, 1932-1948.	1.9	3
76	Identification of sulfur fumed Pinelliae Rhizoma using an electronic nose. Pharmacognosy Magazine, 2014, 10, 135.	0.6	1