

Chun-Jie Wu

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,406
citations

257450

24
h-index

233421

45
g-index

79
all docs

79
docs citations

79
times ranked

2169
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural substances derived from herbs or plants are promising sources of anticancer agents against colorectal cancer via triggering apoptosis. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 162-178.	2.4	7
2	Quality assessment of <i>Fritillariae cirrhosae</i> using portable NIR spectrometer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120325.	3.9	7
3	Development and in vivo Evaluation of Hydroxy- β -Sanshool Intranasal Liposomes as a Potential Remedial Treatment for Alzheimer's Disease. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 185-201.	6.7	12
4	Polydatin: A Critical Promising Natural Agent for Liver Protection via Antioxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	4.0	11
5	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. <i>Frontiers in Pharmacology</i> , 2022, 13, 794528.	3.5	6
6	Natural Flavonoids Derived From Fruits Are Potential Agents Against Atherosclerosis. <i>Frontiers in Nutrition</i> , 2022, 9, 862277.	3.7	12
7	Health benefits of spices in individuals with chemotherapeutic drug-induced cardiotoxicity. <i>Current Opinion in Pharmacology</i> , 2022, 63, 102187.	3.5	4
8	Phytochemicals in traditional Chinese medicine can treat gout by regulating intestinal flora through inactivating NLRP3 and inhibiting XOD activity. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 919-929.	2.4	9
9	Effects of Musk Volatile Compounds on Attenuated Nerve Injury and Improving Post-cerebral Ischemic Exercise Functions. <i>Current Pharmaceutical Design</i> , 2022, 28, 1932-1948.	1.9	3
10	Discovery of Active Ingredients in Traditional Chinese Medicine Based on the Analysis of Odor and Flavor of Compounds. <i>Current Pharmaceutical Design</i> , 2022, 28, 2771-2784.	1.9	4
11	Botany, traditional uses, phytochemistry, pharmacological and toxicological effects of <i>Croton tiglium</i> Linn.: a comprehensive review. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1061-1084.	2.4	4
12	Study on In Vitro Metabolism and In Vivo Pharmacokinetics of Beauvericin. <i>Toxins</i> , 2022, 14, 477.	3.4	6
13	Application of response surface methodology (RSM) for optimization of the supercritical CO ₂ extract of oil from <i>Zanthoxylum bungeanum</i> pericarp: Yield, composition and gastric protective effect. <i>Food Chemistry: X</i> , 2022, 15, 100391.	4.3	6
14	Processing methods and mechanisms for alkaloid-rich Chinese herbal medicines: A review. <i>Journal of Integrative Medicine</i> , 2021, 19, 89-103.	3.1	21
15	Ginger (<i>Zingiber officinale</i> Rosc.) and its bioactive components are potential resources for health beneficial agents. <i>Phytotherapy Research</i> , 2021, 35, 711-742.	5.8	85
16	Inducing Apoptosis and Suppressing Inflammatory Reactions in Synovial Fibroblasts are Two Important Ways for Guizhi-Shaoyao-Zhimu Decoction Against Rheumatoid Arthritis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 217-236.	3.5	11
17	Current strategies and technologies for finding drug targets of active components from traditional Chinese medicine. <i>Frontiers in Bioscience</i> , 2021, 26, 572.	2.1	19
18	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. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 601-616.	2.4	4

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19	The Volatile Oil of <i>Zanthoxylum bungeanum</i> Pericarp Improved the Hypothalamic-Pituitary-Adrenal Axis and Gut Microbiota to Attenuate Chronic Unpredictable Stress-Induced Anxiety Behavior in Rats. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 769-786.	4.3	9
20	Natural Medicines for the Treatment of Epilepsy: Bioactive Components, Pharmacology and Mechanism. <i>Frontiers in Pharmacology</i> , 2021, 12, 604040.	3.5	19
21	Research progress regarding potential effects of traditional Chinese medicine on postoperative intestinal obstruction. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1007-1022.	2.4	5
22	Suppression of apoptosis in vascular endothelial cell, the promising way for natural medicines to treat atherosclerosis. <i>Pharmacological Research</i> , 2021, 168, 105599.	7.1	114
23	Antiepileptic Effects of <i>Cicadae Periostracum</i> on Mice and Its Antiapoptotic Effects in H ₂ O ₂ -Stimulated PC12 Cells via Regulation of PI3K/Akt/Nrf2 Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	4.0	8
24	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. <i>Journal of Advanced Research</i> , 2021, 34, 43-63.	9.5	248
25	Rapid and Nondestructive Determination of origin, volatile oil, sanshoamides and crack rate in the "Sichuan Pepper"™ Based on a Novel Portable Near Infrared Spectrometer. <i>Journal of Food Composition and Analysis</i> , 2021, 101, 103942.	3.9	5
26	Network Pharmacology and Molecular Docking Approaches to Investigating the Mechanism of Action of <i>Zanthoxylum bungeanum</i> in the Treatment of Oxidative Stress-induced Diseases. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1754-1768.	1.1	4
27	Identification of Active Compounds and Mechanism of Huangtu Decoction for the Treatment of Ulcerative Colitis by Network Pharmacology Combined with Experimental Verification. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 4125-4140.	4.3	8
28	Identification of the active substances and mechanisms of ginger for the treatment of colon cancer based on network pharmacology and molecular docking. <i>BioData Mining</i> , 2021, 14, 1.	4.0	92
29	Ultrasonic extraction, structural characterization, and bioactivities of nonstarch polysaccharides from red yeast rice. <i>Biotechnology and Applied Biochemistry</i> , 2020, 67, 273-286.	3.1	5
30	Botanical and Traditional Uses and Phytochemical, Pharmacological, Pharmacokinetic, and Toxicological Characteristics of <i>Ziziphi Spinosa</i> Semen: A Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-21.	1.2	21
31	Efficacy and tolerability of <i>Guizhi-Shaoyao-Zhimu</i> decoction in gout patients: a systematic review and Meta-analysis. <i>Pharmaceutical Biology</i> , 2020, 58, 1032-1043.	2.9	7
32	HIF-1 α is a Potential Molecular Target for Herbal Medicine to Treat Diseases. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4915-4949.	4.3	15
33	Anti-proliferation and anti-migration effects of an aqueous extract of <i>Cinnamomi ramulus</i> on MH7A rheumatoid arthritis-derived fibroblast-like synoviocytes through induction of apoptosis, cell arrest and suppression of matrix metalloproteinase. <i>Pharmaceutical Biology</i> , 2020, 58, 863-877.	2.9	21
34	A Network Pharmacology Approach to Investigate the Anticancer Mechanism and Potential Active Ingredients of <i>Rheum palmatum</i> L. Against Lung Cancer via Induction of Apoptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 528308.	3.5	32
35	The Application of Fermentation Technology in Traditional Chinese Medicine: A Review. <i>The American Journal of Chinese Medicine</i> , 2020, 48, 899-921.	3.8	68
36	Traditional uses, botany, phytochemistry, pharmacology, separation and analysis technologies of <i>Euonymus alatus</i> (Thunb.) Siebold: A comprehensive review. <i>Journal of Ethnopharmacology</i> , 2020, 259, 112942.	4.1	14

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37	Hydroxy- <i>Î±</i> -sanshool Possesses Protective Potentials on H ₂ O ₂ -Stimulated PC12 Cells by Suppression of Oxidative Stress-Induced Apoptosis through Regulation of PI3K/Akt Signal Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	29
38	The Effect of Protein-Rich Extract from <i>Bombyx Batryticatus</i> against Glutamate-Damaged PC12 Cells Via Regulating β -Aminobutyric Acid Signaling Pathway. <i>Molecules</i> , 2020, 25, 553.	3.8	17
39	Identification of different species of <i>Zanthoxyl</i> Pericarpium based on convolution neural network. <i>PLoS ONE</i> , 2020, 15, e0230287.	2.5	10
40	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. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 22, 584-598.	1.1	22
41	Purification, Characterization of Two Polysaccharides from <i>Pinelliae Rhizoma Praeparatum Cum Alumine</i> and Their Anti-Inflammatory Effects on Mucus Secretion of Airway Epithelium. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3553.	4.1	15
42	Antiobesity, Regulation of Lipid Metabolism, and Attenuation of Liver Oxidative Stress Effects of Hydroxy- <i>Î±</i> -sanshool Isolated from <i>Zanthoxylum bungeanum</i> on High-Fat Diet-Induced Hyperlipidemic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	43
43	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. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109367.	5.6	75
44	Traditional Uses, Botany, Phytochemistry, Pharmacology, Pharmacokinetics and Toxicology of <i>Xanthium strumarium</i> L.: A Review. <i>Molecules</i> , 2019, 24, 359.	3.8	83
45	Quality and Authenticity Control of Functional Red Yeast Rice—A Review. <i>Molecules</i> , 2019, 24, 1944.	3.8	29
46	Towards to potential 2-cyano-pyrimidines cathepsin-K inhibitors: An in silico design and screening research based on comprehensive application of quantitative structure–activity relationships, molecular docking and ADMET prediction. <i>Journal of Molecular Structure</i> , 2019, 1195, 914-928.	3.6	10
47	Prediction of chemical component contents of the fruit of <i>Xanthium strumarium</i> L. during processing based on a computer vision system combined with a support vector machine. <i>Analytical Methods</i> , 2019, 11, 3260-3268.	2.7	5
48	Antiepileptic Effects of Protein-Rich Extract from <i>Bombyx batryticatus</i> on Mice and Its Protective Effects against H ₂ O ₂ -Induced Oxidative Damage in PC12 Cells via Regulating PI3K/Akt Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	30
49	Comparative studies on flavor substances of leaves and pericarps of <i>Zanthoxylum bungeanum</i> Maxim. at different harvest periods. <i>Tropical Journal of Pharmaceutical Research</i> , 2019, 18, 279.	0.3	16
50	Hydroxy- <i>Î±</i> -sanshool isolated from <i>Zanthoxylum bungeanum</i> attenuates learning and memory impairments in scopolamine-treated mice. <i>Food and Function</i> , 2019, 10, 7315-7324.	4.6	31
51	Geographical-origin discrimination and volatile oil quantitative analysis of <i>Zanthoxylum bungeanum</i> Maxim. with a portable near-infrared spectrometer. <i>Analytical Methods</i> , 2019, 11, 5301-5310.	2.7	8
52	Apoptosis Induction of Fibroblast-Like Synoviocytes Is an Important Molecular-Mechanism for Herbal Medicine along with its Active Components in Treating Rheumatoid Arthritis. <i>Biomolecules</i> , 2019, 9, 795.	4.0	97
53	In silico drug design of inhibitor of nuclear factor kappa B kinase subunit beta inhibitors from 2-acylamino-3-aminothienopyridines based on quantitative structure–activity relationships and molecular docking. <i>Computational Biology and Chemistry</i> , 2019, 78, 297-305.	2.3	21
54	Toona sinensis: a comprehensive review on its traditional usages, phytochemistry, pharmacology and toxicology. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 111-124.	1.4	60

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55	Identification of Different Bile Species and Fermentation Times of Bile Arisaema Based on an Intelligent Electronic Nose and Least Squares Support Vector Machine. <i>Analytical Chemistry</i> , 2018, 90, 3460-3466.	6.5	13
56	Efficient Approach for the Extraction and Identification of Red Pigment from <i>Zanthoxylum bungeanum</i> Maxim and Its Antioxidant Activity. <i>Molecules</i> , 2018, 23, 1109.	3.8	22
57	Optimum Extraction of Polysaccharide from <i>Areca catechu</i> Using Response Surface Methodology and its Antioxidant Activity. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e12798.	2.0	10
58	Using the "target constituent removal combined with bioactivity assay" strategy to investigate the optimum arecoline content in charred areca nut. <i>Scientific Reports</i> , 2017, 7, 40278.	3.3	10
59	Quality evaluation of Hanyuan <i>Zanthoxylum bungeanum</i> Maxim. Using computer vision system combined with artificial neural network: A novel method. <i>International Journal of Food Properties</i> , 2017, 20, 3056-3063.	3.0	11
60	The Substance Basis Research of Stir-Baking to Dark Brown Could Enhance the Promoting Effects of Areca Nut on Gastrointestinal Motility. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e13103.	2.0	4
61	<i>Zanthoxylum bungeanum</i> Maxim. (Rutaceae): A Systematic Review of Its Traditional Uses, Botany, Phytochemistry, Pharmacology, Pharmacokinetics, and Toxicology. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2172.	4.1	164
62	Extraction Optimization, Characterization, and Bioactivities of Polysaccharides from <i>Pinelliae Rhizoma Praeparatum Cum Alumine</i> Employing Ultrasound-Assisted Extraction. <i>Molecules</i> , 2017, 22, 965.	3.8	29
63	Traditional Uses, Origins, Chemistry and Pharmacology of <i>Bombyx batryticatus</i> : A Review. <i>Molecules</i> , 2017, 22, 1779.	3.8	35
64	Comparative Researches of Semen Arecae and Charred Semen Arecae on Gastrointestinal Motility, Motilin, Substance P, and CCK in Chronically Stressed Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	1.2	6
65	Simultaneous Determination of Isopyrazam and Azoxystrobin in Cucumbers by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Food Protection</i> , 2017, 80, 2112-2118.	1.7	7
66	A novel method for the discrimination of Hawthorn and its processed products using an intelligent sensory system and artificial neural networks. <i>Food Science and Biotechnology</i> , 2016, 25, 1545-1550.	2.6	9
67	The pharmacology, toxicology and potential applications of arecoline: a review. <i>Pharmaceutical Biology</i> , 2016, 54, 2753-2760.	2.9	103
68	Anti-platelet activity of panaxatriol saponins is mediated by suppression of intracellular calcium mobilization and ERK2/p38 activation. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 174.	3.7	27
69	A Novel Method for the Discrimination of Semen Arecae and Its Processed Products by Using Computer Vision, Electronic Nose, and Electronic Tongue. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	1.2	21
70	<i>Areca catechu</i> L. (Arecaceae): A review of its traditional uses, botany, phytochemistry, pharmacology and toxicology. <i>Journal of Ethnopharmacology</i> , 2015, 164, 340-356.	4.1	203
71	Antitumor activity of 4-O-(2-O-acetyl-6-O-p-coumaroyl- β -D-glucopyranosyl)-p-coumaric acid against lung cancers via mitochondrial-mediated apoptosis. <i>Chemico-Biological Interactions</i> , 2015, 233, 8-13.	4.0	40
72	A novel method for rapid discrimination of bulb of <i>Fritillaria</i> by using electronic nose and electronic tongue technology. <i>Analytical Methods</i> , 2015, 7, 943-952.	2.7	30

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73	Research on choleric effect of menthol, menthone, pulegone, isomenthone, and limonene in DanShu capsule. <i>International Immunopharmacology</i> , 2015, 24, 191-197.	3.8	14
74	Panaxatriol Saponins Attenuated Oxygen-Glucose Deprivation Injury in PC12 Cells via Activation of PI3K/Akt and Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-11.	4.0	32
75	Identification of sulfur fumed Pinelliae Rhizoma using an electronic nose. <i>Pharmacognosy Magazine</i> , 2014, 10, 135.	0.6	1
76	Preparation and Evaluation of a Carbopol [®] /HPMC-based <i>In Situ</i> Gelling Ophthalmic System for Puerarin. <i>Yakugaku Zasshi</i> , 2007, 127, 183-191.	0.2	87