

# Coptidis Rhizoma: a comprehensive review of its traditional pharmacology and toxicology

Pharmaceutical Biology

57, 193-225

DOI: [10.1080/13880209.2019.1577466](https://doi.org/10.1080/13880209.2019.1577466)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Rhizoma coptidis as a Potential Treatment Agent for Type 2 Diabetes Mellitus and the Underlying Mechanisms: A Review. <i>Frontiers in Pharmacology</i> , 2019, 10, 805.	1.6	27
2	Preventive and Therapeutic Roles of Berberine in Gastrointestinal Cancers. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	26
3	A review of traditional Chinese medicine for treatment of glioblastoma. <i>BioScience Trends</i> , 2019, 13, 476-487.	1.1	47
5	The synergistic effect of Co/Ni in ultrathin metal-organic framework nanosheets for the prominent optimization of non-enzymatic electrochemical glucose detection. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1008-1016.	2.9	30
6	Toxicity of traditional Chinese medicine herbal and mineral products. <i>Advances in Pharmacology</i> , 2020, 87, 301-346.	1.2	41
7	Preparation of novel berberine nano-colloids for improving wound healing of diabetic rats by acting Sirt1/NF- $\kappa$ B pathway. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 187, 110647.	2.5	61
8	Biphasic Dose-Response of Components From <i>Coptis chinensis</i> on Feeding and Detoxification Enzymes of <i>Spodoptera litura</i> Larvae. <i>Dose-Response</i> , 2020, 18, 155932582091634.	0.7	3
9	Reduced graphene oxide-zinc oxide nanocomposite as dispersive solid-phase extraction sorbent for simultaneous enrichment and purification of multiple mycotoxins in <i>Coptidis rhizoma</i> (Huanglian) and analysis by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1630, 461515.	1.8	19
10	Interactions Between Gut Microbiota, Host, and Herbal Medicines: A Review of New Insights Into the Pathogenesis and Treatment of Type 2 Diabetes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 360.	1.8	25
11	Effect of <i>Coptis chinensis</i> on Biofilm Formation and Antibiotic Susceptibility in <i>Mycobacterium abscessus</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	9
12	The Potential Anticancer Activity of Phytoconstituents against Gastric Cancer—A Review on In Vitro, In Vivo, and Clinical Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8307.	1.8	12
13	Tanshinone IIA suppresses fibrosis induced by high glucose conditions in HK-2 cells via inhibition of extracellular matrix deposition, reduction of oxidative stress, and inhibition of epithelial to mesenchymal transition. <i>Tropical Journal of Pharmaceutical Research</i> , 2020, 19, 739-744.	0.2	3
14	Genetic Diversity and Phylogeography of the Important Medical Herb, Cultivated Huang-Lian Populations, and the Wild Relatives <i>Coptis</i> Species in China. <i>Frontiers in Genetics</i> , 2020, 11, 708.	1.1	12
15	Induction of Apoptosis by Coptisine in Hep3B Hepatocellular Carcinoma Cells through Activation of the ROS-Mediated JNK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5502.	1.8	15
16	Elucidation of the Mechanisms and Molecular Targets of Sanhuang Xiexin Decoction for Type 2 Diabetes Mellitus Based on Network Pharmacology. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	11
17	Multifunctional epiberberine mediates multi-therapeutic effects. <i>F<math>\ddot{A}</math>-totera<math>\ddot{A}</math>-<math>\ddot{A}</math></i> , 2020, 147, 104771.	1.1	21
18	Antifungal evaluation of traditional herbal monomers and their potential for inducing cell wall remodeling in <i>Candida albicans</i> and <i>Candida auris</i> . <i>Biofouling</i> , 2020, 36, 319-331.	0.8	15
19	Network Pharmacology Research and Preliminary Verification of Gegen Qinlian Decoction for the Treatment of Non-Alcoholic Fatty Liver Disease. <i>Natural Product Communications</i> , 2020, 15, 1934578X2092002.	0.2	1

#	ARTICLE	IF	CITATIONS
20	Systematic screening and characterization of absorbed constituents and <i>in vivo</i> metabolites in rats after oral administration of <i>Rhizoma coptidis</i> using UPLC-QTOF/MS. <i>Biomedical Chromatography</i> , 2020, 34, e4919.	0.8	9
21	Systematic characterization of alkaloids in <i>Eomecon chionantha</i> Hance using ultrahigh-performance liquid chromatography-tandem quadrupole Exactive Orbitrap mass spectrometry with a four-step screening strategy. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8880.	0.7	12
22	Metabolic profile of alkaloids in <i>Rhizoma Coptidis</i> in rat plasma, urine and feces after oral administration using ultrahigh-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8763.	0.7	5
23	In vitro Antifungal Effects of Berberine Against <i>Candida</i> spp. In Planktonic and Biofilm Conditions. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 87-101.	2.0	29
24	Bioinformatics analysis of endophytic bacteria related to berberine in the Chinese medicinal plant <i>Coptis teeta</i> Wall. <i>3 Biotech</i> , 2020, 10, 96.	1.1	20
25	Nose to brain drug delivery - A promising strategy for active components from herbal medicine for treating cerebral ischemia reperfusion. <i>Pharmacological Research</i> , 2020, 159, 104795.	3.1	87
26	Advances in phytochemical and modern pharmacological research of <i>Rhizoma Corydalis</i> . <i>Pharmaceutical Biology</i> , 2020, 58, 265-275.	1.3	61
27	Traditional Chinese Medicine and Gut Microbiome: Their Respective and Concert Effects on Healthcare. <i>Frontiers in Pharmacology</i> , 2020, 11, 538.	1.6	32
28	Identification of components and metabolites in plasma of type 2 diabetic rat after oral administration of <i>Jiaoaiwan</i> using ultrahigh-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 2690-2707.	1.3	5
29	Integrated metabolomics and ligand fishing approaches to screen the hypoglycemic ingredients from four <i>Coptis</i> medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 192, 113655.	1.4	9
30	Inhibition of oxidative stress induced-cytotoxicity by coptisine in V79-4 Chinese hamster lung fibroblasts through the induction of Nrf-2 mediated HO-1 expression. <i>Genes and Genomics</i> , 2021, 43, 17-31.	0.5	9
31	Processing methods and mechanisms for alkaloid-rich Chinese herbal medicines: A review. <i>Journal of Integrative Medicine</i> , 2021, 19, 89-103.	1.4	21
32	Tracking evidences of <i>Coptis chinensis</i> for the treatment of inflammatory bowel disease from pharmacological, pharmacokinetic to clinical studies. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113573.	2.0	19
33	Dual down-regulation of EGFR and ErbB2 by berberine contributes to suppression of migration and invasion of human ovarian cancer cells. <i>Environmental Toxicology</i> , 2021, 36, 737-747.	2.1	17
34	A Study of Antimicrobial Activity of Herbal Extracts on <i>Clostridium difficile</i> . <i>Journal of Korean Medicine Rehabilitation</i> , 2021, 31, 47-57.	0.2	0
35	Acetylcholinesterase and human cancers. <i>Advances in Cancer Research</i> , 2021, 152, 1-66.	1.9	16
36	A review: antimicrobial properties of several medicinal plants widely used in Traditional Chinese Medicine. <i>Food Quality and Safety</i> , 2021, 5, .	0.6	6
37	Dissection of the potential pharmacological mechanism of <i>Rhizoma coptidis</i> water extract against inflammation in diabetes mellitus via chemical profiling, network pharmacology and experimental validation. <i>New Journal of Chemistry</i> , 2021, 45, 16283-16297.	1.4	0

#	ARTICLE	IF	CITATIONS
38	UPLC-Q-Orbitrap HRMS Analysis of <i>Coptis chinensis</i> Aerial Parts and Its Regulatory Activity on Glucose-lipid Metabolism. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 24-31.	0.6	3
39	Suppression effect of plant-derived berberine on cyprinid herpesvirus 2 proliferation and its pharmacokinetics in Crucian carp ( <i>Carassius auratus gibelio</i> ). <i>Antiviral Research</i> , 2021, 186, 105000.	1.9	15
40	Pivotal Role of the Interaction Between Herbal Medicines and Gut Microbiota on Disease Treatment. <i>Current Drug Targets</i> , 2021, 22, 336-346.	1.0	6
41	An Updated Review on Therapeutic Potential and Recent Advances in Drug Delivery of Berberine: Current Status and Future Prospect. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 60-71.	0.9	17
42	Natural Medicines for the Treatment of Epilepsy: Bioactive Components, Pharmacology and Mechanism. <i>Frontiers in Pharmacology</i> , 2021, 12, 604040.	1.6	19
43	<i>Coptidis Rhizoma</i> Extract Reverses 5-Fluorouracil Resistance in HCT116 Human Colorectal Cancer Cells via Modulation of Thymidylate Synthase. <i>Molecules</i> , 2021, 26, 1856.	1.7	10
44	Tian-Huang Formula, a Traditional Chinese Medicinal Prescription, Improves Hepatosteatosis and Glucose Intolerance Targeting AKT-SREBP Nexus in Diet-Induced Obese Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-15.	0.5	2
45	HuoXue JieDu formula improves diabetic retinopathy in rats by regulating microRNAs. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113616.	2.0	10
46	NMDA receptor-dependent and -independent effects of natural compounds and crude drugs on synaptic states as revealed by drebrin imaging analysis. <i>European Journal of Neuroscience</i> , 2021, 53, 3548-3560.	1.2	1
47	Research progress regarding potential effects of traditional Chinese medicine on postoperative intestinal obstruction. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1007-1022.	1.2	5
48	Neuroprotective Effect for Cerebral Ischemia by Natural Products: A Review. <i>Frontiers in Pharmacology</i> , 2021, 12, 607412.	1.6	14
49	Harmonizing Formula Prescription Patterns in Patients With Chronic Kidney Disease: A Population-Based Cross-Sectional Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 573145.	1.6	2
50	ROS-Mediated Anti-Tumor Effect of <i>Coptidis Rhizoma</i> against Human Hepatocellular Carcinoma Hep3B Cells and Xenografts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4797.	1.8	15
51	How peptic ulcer disease could potentially lead to the lifelong, debilitating effects of chronic fatigue syndrome: an insight. <i>Scientific Reports</i> , 2021, 11, 7520.	1.6	10
52	An integrated network pharmacology and transcriptomic method to explore the mechanism of the total <i>Rhizoma Coptidis</i> alkaloids in improving diabetic nephropathy. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113806.	2.0	24
53	Therapeutic effect of oxyberberine on obese non-alcoholic fatty liver disease rats. <i>Phytomedicine</i> , 2021, 85, 153550.	2.3	23
54	Seeds of Mung Bean ( <i>Vigna radiata</i> (L.) R.Wilczek): Taxonomy, Phytochemistry, Medicinal Uses and Pharmacology. <i>Current Bioactive Compounds</i> , 2021, 17, 220-233.	0.2	5
55	Constituents, Pharmacokinetics, and Pharmacology of Gegen-Qinlian Decoction. <i>Frontiers in Pharmacology</i> , 2021, 12, 668418.	1.6	29

#	ARTICLE	IF	CITATIONS
56	LianXia Formula Granule Attenuates Cardiac Sympathetic Remodeling in Rats with Myocardial Infarction via the NGF/TrKA/PI3K/AKT Signaling Pathway. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-11.	0.5	4
57	Blood-Glucose-Lowering Effect of Coptidis Rhizoma Extracts From Different Origins via Gut Microbiota Modulation in db/db Mice. Frontiers in Pharmacology, 2021, 12, 684358.	1.6	27
58	Network pharmacology integrated with molecular docking reveals the common experiment-validated antipyretic mechanism of bitter-cold herbs. Journal of Ethnopharmacology, 2021, 274, 114042.	2.0	12
59	Analysis of the Coptis chinensis genome reveals the diversification of protoberberine-type alkaloids. Nature Communications, 2021, 12, 3276.	5.8	68
60	Pharmacokinetics of Five Alkaloids and their Metabolites in Normal and Diabetic Rats after Oral Administration of Rhizoma coptidis. Planta Medica, 2022, 88, 921-932.	0.7	4
61	Systematic Study of Crucial Transcription Factors of Coptidis rhizoma Alkaloids against Cerebral Ischemia-Reperfusion Injury. ACS Chemical Neuroscience, 2021, 12, 2308-2319.	1.7	10
62	Mechanisms and Effect of Coptidis Rhizoma on Obesity-Induced Inflammation: In Silico and In Vivo Approaches. International Journal of Molecular Sciences, 2021, 22, 8075.	1.8	9
63	Exploring the Regulatory Mechanism of Modified Huanglian Maidong Decoction on Type 2 Diabetes Mellitus Biological Network Based on Systematic Pharmacology. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-13.	0.5	4
64	Chronoeffects of the Herbal Medicines Puerariae radix and Coptidis rhizoma in Mice: A Potential Role of REV-ERB $\alpha$ . Frontiers in Pharmacology, 2021, 12, 707844.	1.6	3
65	Role of Coptis chinensis in antibiotic susceptibility of carbapenem-resistant Klebsiella pneumoniae. Journal of Microbiology, Immunology and Infection, 2021, , .	1.5	5
66	Challenges of COVID-19 and Tuberculosis - Urgent Need to Tackle the Dual Burden. Journal of Evolution of Medical and Dental Sciences, 2021, 10, 2018-2023.	0.1	1
67	Self-assembled aggregations in Coptidis Rhizoma decoction dynamically regulate intestinal tissue permeability through Peyer's patch-associated immunity. Chinese Herbal Medicines, 2021, 13, 370-380.	1.2	4
68	Berberine Encapsulated Lecithin-Chitosan Nanoparticles as Innovative Wound Healing Agent in Type II Diabetes. Pharmaceutics, 2021, 13, 1197.	2.0	27
69	Therapeutic potential of targeting intestinal bitter taste receptors in diabetes associated with dyslipidemia. Pharmacological Research, 2021, 170, 105693.	3.1	4
70	Evaluation on Antidiabetic Properties of Medicinal Plants from Myanmar. Scientific World Journal, The, 2021, 2021, 1-10.	0.8	4
71	Scientometric Analysis of Medicinal and Edible Plant Coptis. Frontiers in Pharmacology, 2021, 12, 725162.	1.6	6
72	Effect of Coptischinensis, Glycyrrhiza uralensis, and Fermented Glycine max Extract as Proactive Therapy for Atopic Dermatitis. Applied Sciences (Switzerland), 2021, 11, 8380.	1.3	2
73	Preparation of magnetic yolk-shell structured metal-organic framework material and its application in pharmacokinetics study of alkaloids. Analytical and Bioanalytical Chemistry, 2021, 413, 6987-6999.	1.9	9

#	ARTICLE	IF	CITATIONS
74	Deciphering the Q-markers of nourishing kidney-yin of Cortex Phellodendri amurense from ZhibaiDihuang pill based on Chinmedomics strategy. <i>Phytomedicine</i> , 2021, 91, 153690.	2.3	13
75	Inhibition effect of oxyepiberberine isolated from <i>Coptis chinensis</i> franch. On non-small cell lung cancer based on a network pharmacology approach and experimental validation. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114267.	2.0	18
76	Functional effects of berberine in modulating mitochondrial dysfunction and inflammatory response in the respective amyloidogenic cells and activated microglial cells " In vitro models simulating Alzheimer's disease pathology. <i>Life Sciences</i> , 2021, 282, 119824.	2.0	17
77	A recent update on the use of Chinese medicine in the treatment of inflammatory bowel disease. <i>Phytomedicine</i> , 2021, 92, 153709.	2.3	25
78	An integrated two-step filtering strategy of collision cross-section interval predicting and mass defect filtering for targeted identification of analogues in herbal medicines using liquid chromatography-ion mobility-mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1657, 462572.	1.8	8
79	Development of natural products for anti-PD-1/PD-L1 immunotherapy against cancer. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114370.	2.0	25
80	In-situ formation of ion pair assisted liquid-liquid microextraction of natural alkaloids by response surface methodology. <i>Microchemical Journal</i> , 2021, 171, 106813.	2.3	1
81	Effective Dose of <i>Rhizoma Coptidis</i> Extract Granules for Type 2 Diabetes Treatment: A Hospital-Based Retrospective Cohort Study. <i>Frontiers in Pharmacology</i> , 2020, 11, 597703.	1.6	1
83	Exploring the Antitumor Mechanisms of <i>Zingiberis Rhizoma</i> Combined with <i>Coptidis Rhizoma</i> Using a Network Pharmacology Approach. <i>BioMed Research International</i> , 2020, 2020, 1-18.	0.9	2
84	Pharmacokinetics of Picroside I, II, III, IV in Rat Plasma by UPLCMS/ MS. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 438-445.	0.3	8
85	Expression of miRâ€³4a and Ki67 in nasopharyngeal carcinoma and the relationship with clinicopathological features and prognosis. <i>Oncology Letters</i> , 2020, 19, 1273-1280.	0.8	5
87	Chemical Composition and Antibacterial Activities of Ethanol Extract of <i>Geodorum attenuatum</i> Griff. (Orchidaceae). <i>Gazi University Journal of Science</i> , 0, , 1-1.	0.6	0
88	Berberine Improves Irinotecan-Induced Intestinal Mucositis Without Impairing the Anti-colorectal Cancer Efficacy of Irinotecan by Inhibiting Bacterial Î²-glucuronidase. <i>Frontiers in Pharmacology</i> , 2021, 12, 774560.	1.6	13
89	Exploring Phytotherapeutic Alternatives for Obesity, Insulin Resistance and Diabetes Mellitus. <i>Current Pharmaceutical Design</i> , 2020, 26, 4430-4443.	0.9	4
90	Evidence Supporting a Phased Immuno-physiological Approach to COVID-19 From Prevention Through Recovery. <i>Integrative Medicine</i> , 2020, 19, 8-35.	0.1	8
91	Zuojin Pill attenuates <i>Helicobacter pylori</i> -induced chronic atrophic gastritis in rats and improves gastric epithelial cells function in GES-1 cells. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114855.	2.0	9
92	Targeted delivery of Chinese herb pair-based berberine/tannin acid self-assemblies for the treatment of ulcerative colitis. <i>Journal of Advanced Research</i> , 2022, 40, 263-276.	4.4	24
93	Evaluation of the Effects of Processing Technique on Chemical Components in Raphani Semen by HPLC and UPLC-Q-TOF-MS. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-8.	0.4	6

#	ARTICLE	IF	CITATIONS
94	Apoptosis Induction, a Sharp Edge of Berberine to Exert Anti-Cancer Effects, Focus on Breast, Lung, and Liver Cancer. <i>Frontiers in Pharmacology</i> , 2022, 13, 803717.	1.6	16
95	Current Advances in <i>Coptidis Rhizoma</i> for Gastrointestinal and Other Cancers. <i>Frontiers in Pharmacology</i> , 2021, 12, 775084.	1.6	12
96	Targeting mucormycosis polyprotein (RVT_1 region) through antifungal phytochemicals: An in-silico perspective. <i>Informatics in Medicine Unlocked</i> , 2022, 29, 100851.	1.9	1
97	Induction of Reactive Oxygen Species Is Necessary for Efficient Onset of Cyprinid Herpesvirus 2 Replication: Implications for Novel Antiviral Strategy With Antioxidants. <i>Frontiers in Microbiology</i> , 2022, 12, .	1.5	7
98	Syndrome Differentiation and Treatment Regularity in Traditional Chinese Medicine for Type 2 Diabetes: A Text Mining Analysis. <i>Frontiers in Endocrinology</i> , 2021, 12, 728032.	1.5	21
99	Berberine as a Potential Anticancer Agent: A Comprehensive Review. <i>Molecules</i> , 2021, 26, 7368.	1.7	92
100	Evaluation of food effects on the pharmacokinetics of <i>Pelargonium sidoides</i> and <i>Coptis</i> with each bioactive compound berberine and epicatechin after a single oral dose of an expectorant and antitussive agent UI026 in healthy subjects. <i>Translational and Clinical Pharmacology</i> , 2022, 30, 49.	0.3	1
101	Simultaneous Screening, Identification, Quantitation, and Activity Evaluation of Six Acetylcholinesterase (Ache) Inhibitors in <i>Coptidis Rhizoma</i> by Online Uplc-Dad Coupled with Ache Biochemical Detection. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
102	Diversity and Bioactive Potential of Endophytic Bacteria from High-Value Medicinal Plants. , 2022, , 45-69.		0
103	Coptisine Alleviates Imiquimod-Induced Psoriasis-like Skin Lesions and Anxiety-like Behavior in Mice. <i>Molecules</i> , 2022, 27, 1412.	1.7	9
104	Pharmacological Mechanisms of Shangke Huangshui against Skin and Soft Tissue Infection. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-12.	0.5	1
105	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.	1.6	6
106	Sanguinarine-Chelerythrine Fraction of <i>Coptis chinensis</i> Exerts Anti-inflammatory Activity in Carrageenan Paw Oedema Test in Rats and Reveals Reduced Gastrotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	7
107	Promising novel biomarkers and candidate drugs or herbs in Osteoarthritis: Evidence from bioinformatics analysis of high-throughput data. <i>Current Bioinformatics</i> , 2022, 17, .	0.7	0
108	An Open-Label Exploratory Clinical Trial Evaluating the Effects of GLS ( <i>Coptidis Rhizoma-Evodiae</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-11.	0.5	3
109	Global Perspective of Plant-Based Cosmetic Industry and Possible Contribution of Sri Lanka to the Development of Herbal Cosmetics. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-26.	0.5	11
110	Natural Products for Cancer Therapy: A Review of Their Mechanism of Actions and Toxicity in the Past Decade. <i>Journal of Tropical Medicine</i> , 2022, 2022, 1-20.	0.6	27
111	Comparative Review of Effects of Pien Tze Huang and AnGong NiuHuang Pill and their Potential on Treatment of Central Nervous System Diseases. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 2350-2360.	1.1	3



#	ARTICLE	IF	CITATIONS
112	Berberine: A Review of its Pharmacokinetics Properties and Therapeutic Potentials in Diverse Vascular Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 762654.	1.6	39
113	Biological Response Profiling Reveals the Functional Differences of Main Alkaloids in Rhizoma Coptidis. <i>Molecules</i> , 2021, 26, 7389.	1.7	7
114	Continuous Cropping Changes the Composition and Diversity of Bacterial Communities: A Meta-Analysis in Nine Different Fields with Different Plant Cultivation. <i>Agriculture (Switzerland)</i> , 2021, 11, 1224.	1.4	13
118	Application of berberine-loaded albumin nanoparticles in infections of traumatic wounds.. <i>International Journal of Burns and Trauma</i> , 2022, 12, 28-34.	0.2	0
119	Network pharmacology of iridoid glycosides from <i>Eucommia ulmoides</i> Oliver against osteoporosis. <i>Scientific Reports</i> , 2022, 12, 7430.	1.6	11
120	Chemometrics-Enhanced High-Performance Liquid Chromatography-Diode Array Detection Strategy to Quantify Protoberberine Alkaloids in Coptidis Rhizoma-Related Medicines: Solving Overlapping Signals of Similar Spectra in Varying Sample Matrices. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
121	Uncovering the mechanism of Huanglian-Wuzhuyu herb pair in treating nonalcoholic steatohepatitis based on network pharmacology and experimental validation. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115405.	2.0	15
122	Effects of Dangshen Yuanzhi Powder on learning ability and gut microflora in rats with memory disorder. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115410.	2.0	4
124	Simultaneous screening, identification, quantitation, and activity evaluation of six acetylcholinesterase (AChE) inhibitors in Coptidis Rhizoma by online UPLC-DAD coupled with AChE biochemical detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 219, 114897.	1.4	4
125	Characterizing the Antitumor Effect of Coptis chinensis and Mume Fructus against Colorectal Cancer Based on Pharmacological Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 1-14.	0.5	3
126	Network Pharmacology-Based Strategy to Investigate the Pharmacologic Mechanisms of Coptidis Rhizoma for the Treatment of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	16
127	Coptidis Rhizoma Suppresses Metastatic Behavior by Inhibiting TGF- $\beta$ -Mediated Epithelial-Mesenchymal Transition in 5-FU-Resistant HCT116 Cells. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
128	Anti-atopic dermatitis effect of a modified Huang-Lian-Jie-Du decoction and its active fraction on 2,4-dinitrobenzene and MC903-induced mouse models. <i>Phytomedicine</i> , 2022, 104, 154346.	2.3	6
129	Jatrorrhizine from Rhizoma Coptidis exerts an anti-obesity effect in db/db mice. <i>Journal of Ethnopharmacology</i> , 2022, 298, 115529.	2.0	3
130	Coptis chinensis polysaccharides dynamically influence the paracellular absorption pathway in the small intestine by modulating the intestinal mucosal immunity microenvironment. <i>Phytomedicine</i> , 2022, 104, 154322.	2.3	4
131	Diversity of endophytic fungi in Coptis chinensis Franch. and their activity against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Folia Microbiologica</i> , 0, , .	1.1	1
132	Berberine treats atherosclerosis via a vitamine-like effect down-regulating Choline-TMA-TMAO production pathway in gut microbiota. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	39
133	Chemometrics-enhanced high-performance liquid chromatography-diode array detection strategy to quantify protoberberine alkaloids in varying Coptidis Rhizoma-related medicines. <i>Journal of Chromatography A</i> , 2022, 1681, 463426.	1.8	1



#	ARTICLE	IF	CITATIONS
134	Toxicological safety evaluation of Qin-Zhi-Zhu-Dan formula in rats during the treatment and recovery periods. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
135	Dual modulation of gut bacteria and fungi manifests the gut-based anti-hyperlipidemic effect of <i>Coptidis Rhizoma</i> . <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113542.	2.5	12
136	Pharmacological effects of berberine on models of ulcerative colitis: A meta-analysis and systematic review of animal studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
137	Revealing the active ingredients of the traditional Chinese medicine decoction by the supramolecular strategies and multitechnologies. <i>Journal of Ethnopharmacology</i> , 2023, 300, 115704.	2.0	8
139	Systematic review and meta-analysis of <i>Coptis chinensis</i> Franch.-containing traditional Chinese medicine as an adjunct therapy to metformin in the treatment of type 2 diabetes mellitus. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
140	Composition and Bioactivity of a Modified Huang-Lian-Jie-Du Decoction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	0
141	Berberine inhibits tumour growth <i>in vivo</i> and <i>in vitro</i> through suppressing the lincROR-Wnt/ $\beta^2$ -catenin regulatory axis in colorectal cancer. <i>Journal of Pharmacy and Pharmacology</i> , 2023, 75, 129-138.	1.2	6
142	The exploration of anti- <i>Vibrio parahaemolyticus</i> substances from <i>Phellodendri Chinensis</i> Cortex as a preservative for shrimp storage. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
143	Isoquinoline Alkaloids from <i>Coptis chinensis</i> Franch: Focus on Coptisine as a Potential Therapeutic Candidate against Gastric Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10330.	1.8	15
145	Simultaneous Determination of Protoberberine Alkaloids Derived from <i>Coptidis Rhizoma</i> and <i>Phellodendri Cortex</i> in Pharmaceuticals by On-line Solid-Phase Extraction (SPE)â€™High Performance Liquid Chromatography with Ultraviolet Detection (HPLC-UV). <i>Analytical Letters</i> , 0, , 1-14.	1.0	0
146	Antimicrobial activities and mechanisms of extract and components of herbs in East Asia. <i>RSC Advances</i> , 2022, 12, 29197-29213.	1.7	15
147	Jatrorrhizine Improves Endothelial Function in Diabetes and Obesity through Suppression of Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12064.	1.8	6
148	Chemical Constituents of <i>Coptis chinensis</i> . <i>Chemistry of Natural Compounds</i> , 2022, 58, 1131-1133.	0.2	1
149	Modulatory Effects and Structural Alteration of Gut Microbiota by Traditional Chinese Medicine. <i>Pharmacological Research Modern Chinese Medicine</i> , 2022, , 100200.	0.5	0
150	Protective effect of 13-methylberberine against mouse enteritis caused by MRSA. <i>Journal of Ethnopharmacology</i> , 2023, 304, 115994.	2.0	0
151	Multi-omics approaches for in-depth understanding of therapeutic mechanism for Traditional Chinese Medicine. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	11
152	Divergent impacts on the gut microbiome and host metabolism induced by traditional Chinese Medicine with Cold or Hot properties in mice. <i>Chinese Medicine</i> , 2022, 17, .	1.6	4
153	Identification of <i>Coptis chinensis</i> and Its Counterfeits via Electroanalysis-based Fingerprint. <i>International Journal of Electrochemical Science</i> , 0, , ArticleID:221262.	0.5	0

#	ARTICLE	IF	CITATIONS
154	Network Pharmacology Integrated with Transcriptomics Analysis Reveals Ermiao Wan Alleviates Atopic Dermatitis via Suppressing MAPK and Activating the EGFR/AKT Signaling. <i>Drug Design, Development and Therapy</i> , 0, Volume 16, 4325-4341.	2.0	2
155	Preparation of Berberine@carbon Dots Nano-Formulation: Synthesis, Characterization and Herbicidal Activity against <i>Echinochloa crus-galli</i> and <i>Amaranthus retroflexus</i> Two Common Species of Weed. <i>Nanomaterials</i> , 2022, 12, 4482.	1.9	0
157	Cancer treatment: from traditional Chinese herbal medicine to the liposome delivery system. , 2022, 1, .		4
158	The localization of the alkaloids in <i>Coptis chinensis</i> rhizome by time-of-flight secondary ion mass spectrometry. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
159	Antimicrobial mechanism of semi-bionic extracts of three traditional medicinal plantsâ€” <i>Rheum palmatum</i> L., <i>Scutellaria baicalensis</i> Georgi, and <i>Houttuynia cordata</i> Thunbâ€”That can be used as antibiotic alternatives. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
160	Allotetraploidization event of <i>Coptis chinensis</i> shared by all <i>Ranunculales</i> . <i>Horticultural Plant Journal</i> , 2023, , .	2.3	0
161	Exploring the mechanism of the Fructus Mume and Rhizoma Coptidis herb pair intervention in Ulcerative Colitis from the perspective of inflammation and immunity based on systemic pharmacology. <i>BMC Complementary Medicine and Therapies</i> , 2023, 23, .	1.2	3
162	Exploring the mechanisms underlying the therapeutic effect of the drug pair Rhubarb-Coptis in diabetic nephropathy using network pharmacology and molecular docking analysis. <i>Annals of Translational Medicine</i> , 2022, 10, 1343-1343.	0.7	2
163	Phytochemical Investigation, Antiulcer, Cyclooxygenase-2, and 15-Lipoxygenase Inhibitory Activities of <i>Echinops erinaceus</i> Kit Tan. <i>Separations</i> , 2023, 10, 76.	1.1	0
164	Antimicrobial Activity of Some Medicinal Herbs to the Treatment of Cutaneous and Mucocutaneous Infections: Preliminary Research. <i>Microorganisms</i> , 2023, 11, 272.	1.6	2
165	Herb-Drug Interactions and Their Impact on Pharmacokinetics: An Update. <i>Current Drug Metabolism</i> , 2023, 24, 28-69.	0.7	5
166	Nanoparticles loaded with pharmacologically active plant-derived natural products: Biomedical applications and toxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2023, 225, 113214.	2.5	5
167	Characterizing the specific mechanism of series processed <i>Coptidis Rhizoma</i> by multi-organ metabolomics combined with network pharmacology and molecular docking. <i>Phytomedicine</i> , 2023, 114, 154804.	2.3	1
168	Study on the mechanism of <i>Coptis chinensis</i> Franch. And its main active components in treating Alzheimer's disease based on SCFAs using Orbitrap Fusion Lumos Tribrid MS. <i>Journal of Ethnopharmacology</i> , 2023, 311, 116392.	2.0	1
169	Traditional Chinese Medicine for the Common Cold: Evidence and Potential Mechanisms. <i>The American Journal of Chinese Medicine</i> , 2023, 51, 487-515.	1.5	3
170	Multi-Omics Analysis Reveals the Resistance Mechanism and the Pathogens Causing Root Rot of <i>Coptis chinensis</i> . <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	3
171	A Plantaginis Semen-Coptidis Rhizoma compound alleviates type 2 diabetic mellitus in mice via modulating AGEs-RAGE pathway. <i>Journal of Ethnopharmacology</i> , 2023, 312, 116290.	2.0	1
172	Intestinal <i>Escherichia coli</i> and related dysfunction as potential targets of Traditional Chinese Medicine for respiratory infectious diseases. <i>Journal of Ethnopharmacology</i> , 2023, , 116381.	2.0	0

#	ARTICLE	IF	CITATIONS
173	Clinical efficacy of weight loss herbal intervention therapy and lifestyle modifications on obesity and its association with distinct gut microbiome: A randomized double-blind phase 2 study. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	2
174	Study on the active ingredients and mechanism of action of Jiaotai Pill in the treatment of type 2 diabetes based on network pharmacology: A review. <i>Medicine (United States)</i> , 2023, 102, e33317.	0.4	2
175	Research progress on the effect of traditional Chinese medicine on the activation of PRRs-mediated NF- $\kappa$ B signaling pathway to inhibit influenza pneumonia. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	2
176	Quantitative Bioactivity Signatures of Dietary Supplements and Natural Products. <i>ACS Pharmacology and Translational Science</i> , 0, , .	2.5	0
177	Unsaturated Fatty Acids Complex Regulates Inflammatory Cytokine Production through the Hyaluronic Acid Pathway. <i>Molecules</i> , 2023, 28, 3554.	1.7	0
197	An Insight into <i>Coptis Teeta</i> Wall., an Endangered Medicinal Plant and Its Conservation Strategies. , 2023, , 45-56.		0
210	Recent advances in anti-inflammatory active components and action mechanisms of natural medicines. <i>Inflammopharmacology</i> , 2023, 31, 2901-2937.	1.9	0