

Xue-Mei Qin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2404203/publications.pdf>

Version: 2024-02-01

180
papers

3,522
citations

172207

29
h-index

233125

45
g-index

206
all docs

206
docs citations

206
times ranked

3271
citing authors

#	ARTICLE	IF	CITATIONS
1	Astragaloside IV derived from <i>Astragalus membranaceus</i> : A research review on the pharmacological effects. <i>Advances in Pharmacology</i> , 2020, 87, 89-112.	1.2	186
2	Uncovering the anticancer mechanism of Compound Kushen Injection against HCC by integrating quantitative analysis, network analysis and experimental validation. <i>Scientific Reports</i> , 2018, 8, 624.	1.6	138
3	Research on the Pathological Mechanism and Drug Treatment Mechanism of Depression. <i>Current Neuropharmacology</i> , 2015, 13, 514-523.	1.4	106
4	Metabonomic study on chronic unpredictable mild stress and intervention effects of Xiaoyaosan in rats using gas chromatography coupled with mass spectrometry. <i>Journal of Ethnopharmacology</i> , 2011, 137, 690-699.	2.0	85
5	Molecular targets of Chinese herbs: a clinical study of hepatoma based on network pharmacology. <i>Scientific Reports</i> , 2016, 6, 24944.	1.6	84
6	Plasma-metabolite-biomarkers for the therapeutic response in depressed patients by the traditional Chinese medicine formula Xiaoyaosan: A 1H NMR-based metabolomics approach. <i>Journal of Affective Disorders</i> , 2015, 185, 156-163.	2.0	82
7	Dynamic analysis of the endogenous metabolites in depressed patients treated with TCM formula Xiaoyaosan using urinary 1H NMR-based metabolomics. <i>Journal of Ethnopharmacology</i> , 2014, 158, 1-10.	2.0	76
8	1H-NMR-Based Metabonomic Studies on the Anti-Depressant Effect of Genipin in the Chronic Unpredictable Mild Stress Rat Model. <i>PLoS ONE</i> , 2013, 8, e75721.	1.1	60
9	Brain metabonomics study of the antidepressant-like effect of Xiaoyaosan on the CUMS-depression rats by 1H NMR analysis. <i>Journal of Ethnopharmacology</i> , 2019, 235, 141-154.	2.0	58
10	Study of plasma metabolic profiling and biomarkers of chronic unpredictable mild stress rats based on gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3539-3546.	0.7	57
11	Antidepressant-like effects of the fractions of Xiaoyaosan on rat model of chronic unpredictable mild stress. <i>Journal of Ethnopharmacology</i> , 2011, 137, 236-244.	2.0	56
12	Anti-depressant effects of Xiaoyaosan on rat model of chronic unpredictable mild stress: a plasma metabonomics study based on NMR spectroscopy. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 578-588.	1.2	52
13	Plasma metabolomics of depressed patients and treatment with Xiaoyaosan based on mass spectrometry technique. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112219.	2.0	52
14	Integrating hippocampal metabolomics and network pharmacology deciphers the antidepressant mechanisms of Xiaoyaosan. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113549.	2.0	52
15	Studies on the potential link between antidepressant effect of Xiaoyao San and its pharmacological activity of hepatoprotection based on multi-platform metabolomics. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112432.	2.0	49
16	Integrated network pharmacology and metabolomics to dissect the combination mechanisms of <i>Bupleurum chinense</i> DC- <i>Paeonia lactiflora</i> Pall herb pair for treating depression. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113281.	2.0	48
17	Effects of Baicalein on Cortical Proinflammatory Cytokines and the Intestinal Microbiome in Senescence Accelerated Mouse Prone 8. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1714-1724.	1.7	47
18	A 1H-NMR plasma metabonomic study of acute and chronic stress models of depression in rats. <i>Behavioural Brain Research</i> , 2013, 241, 86-91.	1.2	45

#	ARTICLE	IF	CITATIONS
19	A GC-MS urinary quantitative metabolomics analysis in depressed patients treated with TCM formula of Xiaoyaosan. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1026, 227-235.	1.2	45
20	Protective effect of isoliquiritin against corticosterone-induced neurotoxicity in PC12 cells. <i>Food and Function</i> , 2017, 8, 1235-1244.	2.1	44
21	Metabolomics coupled with system pharmacology reveal the protective effect of total flavonoids of Astragali Radix against adriamycin-induced rat nephropathy model. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 128-136.	1.4	40
22	The Anti-depression Effect of Angelicae Sinensis Radix Is Related to the Pharmacological Activity of Modulating the Hematological Anomalies. <i>Frontiers in Pharmacology</i> , 2019, 10, 192.	1.6	40
23	¹ H NMR based metabolomic study of the antifatigue effect of Astragali Radix. <i>Molecular BioSystems</i> , 2014, 10, 3022-3030.	2.9	39
24	NMR-based metabonomics and correlation analysis reveal potential biomarkers associated with chronic atrophic gastritis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 77-86.	1.4	39
25	Short Term Intrarectal Administration of Sodium Propionate Induces Antidepressant-Like Effects in Rats Exposed to Chronic Unpredictable Mild Stress. <i>Frontiers in Psychiatry</i> , 2018, 9, 454.	1.3	37
26	Deciphering the Differential Effective and Toxic Responses of Bupleuri Radix following the Induction of Chronic Unpredictable Mild Stress and in Healthy Rats Based on Serum Metabolic Profiles. <i>Frontiers in Pharmacology</i> , 2017, 8, 995.	1.6	35
27	Neuroprotective and Cytotoxic Phthalides from Angelicae Sinensis Radix. <i>Molecules</i> , 2016, 21, 549.	1.7	34
28	Comparison of Fruits of Forsythia suspensa at Two Different Maturation Stages by NMR-Based Metabolomics. <i>Molecules</i> , 2015, 20, 10065-10081.	1.7	33
29	Uncovering the Complexity Mechanism of Different Formulas Treatment for Rheumatoid Arthritis Based on a Novel Network Pharmacology Model. <i>Frontiers in Pharmacology</i> , 2020, 11, 1035.	1.6	33
30	An Investigation of the Antidepressant Action of Xiaoyaosan in Rats Using Ultra performance Liquid Chromatography-Mass Spectrometry Combined with Metabonomics. <i>Phytotherapy Research</i> , 2013, 27, 1074-1085.	2.8	31
31	Baicalein attenuates the neuroinflammation in LPS-activated BV-2 microglial cells through suppression of pro-inflammatory cytokines, COX2/NF- κ B expressions and regulation of metabolic abnormality. <i>International Immunopharmacology</i> , 2020, 79, 106092.	1.7	31
32	Multi-omics reveals the mechanisms of antidepressant-like effects of the low polarity fraction of Bupleuri Radix. <i>Journal of Ethnopharmacology</i> , 2020, 256, 112806.	2.0	31
33	Evaluations of the effect of HuangQi against heart failure based on comprehensive echocardiography index and metabonomics. <i>Phytomedicine</i> , 2018, 50, 205-212.	2.3	30
34	Baicalein protects PC12 cells from A β 25-35-induced cytotoxicity via inhibition of apoptosis and metabolic disorders. <i>Life Sciences</i> , 2020, 248, 117471.	2.0	30
35	The anti-aging effect of Scutellaria baicalensis Georgi flowers extract by regulating the glutamine-glutamate metabolic pathway in d-galactose induced aging rats. <i>Experimental Gerontology</i> , 2020, 134, 110843.	1.2	30
36	Natural deep eutectic characteristics of honey improve the bioactivity and safety of traditional medicines. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112460.	2.0	29

#	ARTICLE	IF	CITATIONS
37	Baicalein Exerts Beneficial Effects in d-Galactose-Induced Aging Rats Through Attenuation of Inflammation and Metabolic Dysfunction. <i>Rejuvenation Research</i> , 2017, 20, 506-516.	0.9	28
38	Rapid characterization of the absorbed constituents in rat serum after oral administration and action mechanism of Naozhenning granule using LC-MS and network pharmacology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 281-290.	1.4	27
39	Chemical profiling of Dingkun Dan by ultra High performance liquid chromatography Q exactive orbitrap high resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112732.	1.4	27
40	Traditional Chinese Medicine Network Pharmacology in Cardiovascular Precision Medicine. <i>Current Pharmaceutical Design</i> , 2021, 27, 2925-2933.	0.9	26
41	A qualitative, and quantitative determination and pharmacokinetic study of four polyacetylenes from Radix Bupleuri by UPLC-PDA-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 257-265.	1.4	25
42	Metabolic Profiling of the Novel Hypoxia-Inducible Factor 2 α Inhibitor PT2385 In Vivo and In Vitro. <i>Drug Metabolism and Disposition</i> , 2018, 46, 336-345.	1.7	25
43	Extraction, Characterization, Antitumor and Immunological Activities of Hemicellulose Polysaccharide from Astragalus radix Herb Residue. <i>Molecules</i> , 2019, 24, 3644.	1.7	25
44	Quality marker identification based on standard decoction of differently processed materials of Ephedrae Herba. <i>Journal of Ethnopharmacology</i> , 2019, 237, 47-54.	2.0	24
45	Liquiritin protects PC12 cells from corticosterone-induced neurotoxicity via regulation of metabolic disorders, attenuation ERK1/2-NF- κ B pathway, activation Nrf2-Keap1 pathway, and inhibition mitochondrial apoptosis pathway. <i>Food and Chemical Toxicology</i> , 2020, 146, 111801.	1.8	24
46	The antiandrogen flutamide is a novel aryl hydrocarbon receptor ligand that disrupts bile acid homeostasis in mice through induction of Abcc4. <i>Biochemical Pharmacology</i> , 2016, 119, 93-104.	2.0	23
47	Metabolic Fingerprinting by 1HNMR for Discrimination of the Two Species Used as Radix Bupleuri. <i>Planta Medica</i> , 2012, 78, 926-933.	0.7	22
48	NMR-based metabonomic and quantitative real-time PCR in the profiling of metabolic changes in carbon tetrachloride-induced rat liver injury. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 89, 42-49.	1.4	22
49	The cardioprotective effects of the new crystal form of puerarin in isoproterenol-induced myocardial ischemia rats based on metabolomics. <i>Scientific Reports</i> , 2020, 10, 17787.	1.6	22
50	Kidney Tissue Targeted Metabolic Profiling of Unilateral Ureteral Obstruction Rats by NMR. <i>Frontiers in Pharmacology</i> , 2016, 7, 307.	1.6	21
51	The regulation effect of AMPK in immune related diseases. <i>Science China Life Sciences</i> , 2018, 61, 523-533.	2.3	21
52	Material basis research for Huangqi Jianzhong Tang against chronic atrophic gastritis rats through integration of urinary metabolomics and SystemsDock. <i>Journal of Ethnopharmacology</i> , 2018, 223, 1-9.	2.0	21
53	Comparative pharmacokinetics of six major compounds in normal and insomnia rats after oral administration of Ziziphi Spinosae Semen aqueous extract. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 385-395.	2.4	21
54	Analysis of Molecular Mechanism of Erxian Decoction in Treating Osteoporosis Based on Formula Optimization Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	21

#	ARTICLE	IF	CITATIONS
55	Data Mining of Lung Microbiota in Cystic Fibrosis Patients. <i>PLoS ONE</i> , 2016, 11, e0164510.	1.1	20
56	The intervention effect of licorice in <i>D-galactose</i> induced aging rats by regulating the taurine metabolic pathway. <i>Food and Function</i> , 2018, 9, 4814-4821.	2.1	20
57	A Novel Network Pharmacology Strategy to Decode Mechanism of Lang Chuang Wan in Treating Systemic Lupus Erythematosus. <i>Frontiers in Pharmacology</i> , 2020, 11, 512877.	1.6	20
58	Screening and structure study of active components of <i>Astragalus polysaccharide</i> for injection based on different molecular weights. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1152, 122255.	1.2	20
59	Determination of five neurotransmitters in the rat brain for the study of the hypnotic effects of <i>Ziziphi Spinosae Semen</i> aqueous extract on insomnia rat model by UPLC-MS/MS. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 551-560.	0.7	19
60	Comprehensive investigation of mechanism and effective ingredients of Fangji Huangqi Tang by serum pharmacochemistry and network pharmacology. <i>Biomedical Chromatography</i> , 2020, 34, e4785.	0.8	19
61	A Novel Strategy for Decoding and Validating the Combination Principles of Huanglian Jiedu Decoction From Multi-Scale Perspective. <i>Frontiers in Pharmacology</i> , 2020, 11, 567088.	1.6	19
62	¹ H Nuclear Magnetic Resonance Based Metabolomics Approach Reveals the Metabolic Mechanism of (âˆ“)5-Hydroxy-equal against Hepatocellular Carcinoma Cells in Vitro. <i>Journal of Proteome Research</i> , 2018, 17, 1833-1843.	1.8	18
63	A unique insight for energy metabolism disorders in depression based on chronic unpredictable mild stress rats using stable isotope-resolved metabolomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113588.	1.4	18
64	Deciphering the compatibility rules of traditional Chinese medicine prescriptions based on NMR metabolomics: A case study of Xiaoyaosan. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112726.	2.0	18
65	Exploration of chemical composition and absorption characteristics of Chaigui granules based on UHPLC-Q-orbitrap-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113293.	1.4	18
66	Integrating untargeted metabolomics, partial least square regression analysis and MetPA to explore the targeted pathways involved into Huangqi Jiangzhong Tang against chronic atrophic gastritis rats. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 164, 16-25.	1.8	16
67	Protective effects of <i>Scutellaria baicalensis</i> Georgi extract on D-galactose induced aging rats. <i>Metabolic Brain Disease</i> , 2018, 33, 1401-1412.	1.4	16
68	Stable Isotope-Resolved Metabolomics Reveals the Abnormal Brain Glucose Catabolism in Depression Based on Chronic Unpredictable Mild Stress Rats. <i>Journal of Proteome Research</i> , 2021, 20, 3549-3558.	1.8	16
69	Hepatic metabolomics of the compatibility effect of Xiaoyaosan on CUMS-induced depression based on the TCM theory of "Treating Diseases via Regulating the Liver's Function". <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 201, 114123.	1.4	16
70	A Bioinformatic Approach for the Discovery of Antiaging Effects of Baicalein from <i>Scutellaria baicalensis</i> Georgi. <i>Rejuvenation Research</i> , 2016, 19, 414-422.	0.9	15
71	Integration of transcriptomics and network analysis deciphers the mechanisms of baicalein in improving learning and memory impairment in senescence-accelerated mouse prone 8 (SAMP8). <i>European Journal of Pharmacology</i> , 2019, 865, 172789.	1.7	15
72	Involvement of mitochondrial apoptotic pathway and MAPKs/NF-Î² B inflammatory pathway in the neuroprotective effect of atractylenolide III in corticosterone-induced PC12 cells. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 264-274.	0.7	15

#	ARTICLE	IF	CITATIONS
73	Integrated adrenal and testicular metabolomics revealed the protective effects of Guilingji on the Kidney-Yang deficiency syndrome rats. <i>Journal of Ethnopharmacology</i> , 2020, 255, 112734.	2.0	15
74	The synergistic anti-depression effects of different efficacy groups of Xiaoyaosan as demonstrated by the integration of network pharmacology and serum metabolomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 197, 113949.	1.4	15
75	A combination of cecum microbiome and metabolome in CUMS depressed rats reveals the antidepressant mechanism of traditional Chinese medicines: A case study of Xiaoyaosan. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114167.	2.0	15
76	Compound Kushen Injection intervenes metabolic reprogramming and epithelial-mesenchymal transition of HCC via regulating β -catenin/c-Myc signaling. <i>Phytomedicine</i> , 2021, 93, 153781.	2.3	15
77	Combination of Compound Kushen Injection and cisplatin shows synergistic antitumor activity in p53-R273H/P309S mutant colorectal cancer cells through inducing apoptosis. <i>Journal of Ethnopharmacology</i> , 2022, 283, 114690.	2.0	15
78	UHPLC Q-Exactive MS-Based Serum Metabolomics to Explore the Effect Mechanisms of Immunological Activity of Astragalus Polysaccharides With Different Molecular Weights. <i>Frontiers in Pharmacology</i> , 2020, 11, 595692.	1.6	14
79	Multiple biological defects caused by calycosinâ€glucoside in the nematode <i>Caenorhabditis elegans</i> are associated with the activation of oxidative damage. <i>Journal of Applied Toxicology</i> , 2018, 38, 801-809.	1.4	13
80	¹ H NMR-based metabolomics revealed the protective effects of Guilingji on the testicular dysfunction of aging rats. <i>Journal of Ethnopharmacology</i> , 2019, 238, 111839.	2.0	13
81	Effects of Guilingji on Aging Rats and Its Underlying Mechanisms. <i>Rejuvenation Research</i> , 2020, 23, 138-149.	0.9	13
82	Evaluation of Injury Degree of Adriamycin-Induced Nephropathy in Rats Based on Serum Metabolomics Combined with Proline Marker. <i>Journal of Proteome Research</i> , 2020, 19, 2575-2584.	1.8	13
83	Metabolomics profiling reveals the mechanism of caffeic acid in extending lifespan in <i>Drosophila melanogaster</i> . <i>Food and Function</i> , 2020, 11, 8202-8213.	2.1	13
84	Metabolomic analysis of the hippocampus in a rat model of chronic mild unpredictable stress-induced depression based on a pathway crosstalk and network module approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113755.	1.4	13
85	Baicalein Delays H ₂ O ₂ -Induced Astrocytic Senescence through Inhibition of Senescence-Associated Secretory Phenotype (SASP), Suppression of JAK2/STAT1/NF- κ B Pathway, and Regulation of Leucine Metabolism. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2320-2335.	1.7	13
86	Identification of Genes Involved in Flavonoid Biosynthesis in <i>Sophora japonica</i> Through Transcriptome Sequencing. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700369.	1.0	12
87	A novel insight into the underlying mechanism of Baihe Dihuang Tang improving the state of psychological suboptimal health subjects obtained from plasma metabolic profiles and network analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 99-110.	1.4	12
88	Comparison of chemical constituents of <i>Bupleurum marginatum</i> var. <i>stenophyllum</i> and <i>Bupleurum chinense</i> DC. using UHPLC-QTOF-MS based on a metabolomics approach. <i>Biomedical Chromatography</i> , 2021, 35, e5133.	0.8	12
89	Identification of the constituents and the cancer-related targets of the fruit of <i>Solanum nigrum</i> based on molecular docking and network pharmacology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 200, 114067.	1.4	12
90	Anti-depressive effects of Xiaoyaosan, Shugan and Jianpi herbal treatments: Role on the gut microbiome of CUMS rats. <i>Phytomedicine</i> , 2021, 87, 153581.	2.3	12

#	ARTICLE	IF	CITATIONS
91	Systems biology analysis of the effect and mechanism of total flavonoids of Astragali Radix against cyclophosphamide-induced leucopenia in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114357.	1.4	12
92	Licorice extract attenuates brain aging of α -galactose induced rats through inhibition of oxidative stress and attenuation of neuronal apoptosis. <i>RSC Advances</i> , 2017, 7, 47758-47766.	1.7	11
93	Elucidating the time-dependent changes in the urinary metabolome under doxorubicin-induced nephrotoxicity. <i>Toxicology Letters</i> , 2020, 319, 204-212.	0.4	11
94	Quality assessment of Shuxuening injection based on widely targeted metabolomics approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113398.	1.4	11
95	Antidepressant-like effect of triterpenoids extracts from <i>Poria cocos</i> on the CUMS rats by 16S rRNA gene sequencing and LC-MS metabolomics. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 494-507.	0.5	11
96	Studies on the compatibility mechanism and material basis of Danggui Buxue Decoction against anemia mice using metabonomics and network pharmacology. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 767-777.	1.2	11
97	Pinocembrin attenuates hemorrhagic transformation after delayed t-PA treatment in thromboembolic stroke rats by regulating endogenous metabolites. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1223-1234.	2.8	11
98	Analysis of <i>Polygala tenuifolia</i> Transcriptome and Description of Secondary Metabolite Biosynthetic Pathways by Illumina Sequencing. <i>International Journal of Genomics</i> , 2015, 2015, 1-11.	0.8	10
99	NMR based metabolomic approach revealed cyclophosphamide-induced systematic alterations in a rat model. <i>RSC Advances</i> , 2016, 6, 111020-111030.	1.7	10
100	A metabonomic analysis reveals novel regulatory mechanism of Huangqi injection on leucopenia mice. <i>Immunopharmacology and Immunotoxicology</i> , 2016, 38, 113-123.	1.1	10
101	A Practical Quality Control Method for Saponins Without UV Absorption by UPLC-QDA. <i>Frontiers in Pharmacology</i> , 2018, 9, 1377.	1.6	10
102	Comparison of two types of vinegar with different aging times by NMR-based metabolomic approach. <i>Journal of Food Biochemistry</i> , 2019, 43, e12835.	1.2	10
103	A Novel Network Pharmacology Strategy to Decode Metabolic Biomarkers and Targets Interactions for Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 667.	1.3	10
104	Quality Markers for Astragali Radix and Its Products Based on Process Analysis. <i>Frontiers in Pharmacology</i> , 2020, 11, 554777.	1.6	10
105	Differential relationship of fungal endophytic communities and metabolic profiling in the stems and roots of <i>Ephedra sinica</i> based on metagenomics and metabolomics. <i>Symbiosis</i> , 2020, 81, 115-125.	1.2	10
106	Deciphering the correlations between aging and constipation by metabolomics and network pharmacology. <i>Aging</i> , 2021, 13, 3798-3818.	1.4	10
107	A metabolic data-driven systems pharmacology strategy for decoding and validating the mechanism of Compound Kushen Injection against HCC. <i>Journal of Ethnopharmacology</i> , 2021, 274, 114043.	2.0	10
108	Fecal Metabolomics and Network Pharmacology Reveal the Correlations between Constipation and Depression. <i>Journal of Proteome Research</i> , 2021, 20, 4771-4786.	1.8	10

#	ARTICLE	IF	CITATIONS
109	LC-MS-Based Metabolomic Study of Oleanolic Acid-Induced Hepatotoxicity in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 747.	1.6	10
110	Microbiome-metabolomics deciphers the effects of <i>Cistanche deserticola</i> polysaccharides on aged constipated rats. <i>Food and Function</i> , 2022, 13, 3993-4008.	2.1	10
111	Discovery of 1,3-diyne compounds as novel and potent antidepressant agents: synthesis, cell-based assay and behavioral studies. <i>RSC Advances</i> , 2017, 7, 16005-16014.	1.7	9
112	¹ H NMR-based metabolomics approach to investigating the renal protective effects of Genipin in diabetic rats. <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 261-270.	0.7	9
113	Bioinformatic prediction of critical genes and pathways involved in longevity in <i>Drosophila melanogaster</i> . <i>Molecular Genetics and Genomics</i> , 2019, 294, 1463-1475.	1.0	9
114	Metabolic profile and underlying antioxidant improvement of <i>Ziziphi Spinosa</i> Folium by human intestinal bacteria. <i>Food Chemistry</i> , 2020, 320, 126651.	4.2	9
115	Astragaloside IV Extends Lifespan of <i>Caenorhabditis elegans</i> by Improving Age-Related Functional Declines and Triggering Antioxidant Responses. <i>Rejuvenation Research</i> , 2021, 24, 120-130.	0.9	9
116	Serum metabolomics reveals compatibility rules of the antidepressant effects of Xiaoyaosan and its efficacy groups. <i>Psychiatry Research</i> , 2021, 299, 113827.	1.7	9
117	Bioinformatic Analysis Reveals Key Genes and Pathways in Aging Brain of Senescence-accelerated Mouse P8 (SAMP8). <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 712-722.	0.8	9
118	Uncovering the Effect of Passage Number on HT29 Cell Line Based on the Cell Metabolomic Approach. <i>Journal of Proteome Research</i> , 2021, 20, 1582-1590.	1.8	9
119	Chemical comparison of coat and kernel of mung bean by nuclear magnetic resonance-based metabolic fingerprinting approach. <i>Spectroscopy Letters</i> , 2016, 49, 217-224.	0.5	8
120	Formal enantioselective total synthesis of bisdehydroneostemoninine. <i>Journal of Asian Natural Products Research</i> , 2020, 22, 655-662.	0.7	8
121	Metabolomics coupled with SystemsDock reveal the protective effect and the potential active components of Naozhenning granule against traumatic brain injury. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112247.	2.0	8
122	Revealing the anti-melanoma mechanism of n-BuOH fraction from the red kidney bean coat extract based on network pharmacology and transcriptomic approach. <i>Food Research International</i> , 2021, 140, 109880.	2.9	8
123	Dose-Effect/Toxicity of <i>Bupleuri Radix</i> on Chronic Unpredictable Mild Stress and Normal Rats Based on Liver Metabolomics. <i>Frontiers in Pharmacology</i> , 2021, 12, 627451.	1.6	8
124	Progress of genus <i>Hemerocallis</i> in traditional uses, phytochemistry, and pharmacology. <i>Journal of Horticultural Science and Biotechnology</i> , 2022, 97, 298-314.	0.9	8
125	Stable Isotope-Resolved Metabolomics Studies on Corticosteroid-Induced PC12 Cells: A Strategy for Evaluating Glucose Catabolism in an in Vitro Model of Depression. <i>Journal of Proteome Research</i> , 2022, 21, 788-797.	1.8	8
126	¹ H-NMR-based metabolomics reveals the biomarker panel and molecular mechanism of hepatocellular carcinoma progression. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1525-1537.	1.9	8

#	ARTICLE	IF	CITATIONS
127	Novel targets for ameliorating energy metabolism disorders in depression through stable isotope-resolved metabolomics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148578.	0.5	8
128	Identification of Cultured and Natural Astragalus Root Based on Monosaccharide Mapping. <i>Molecules</i> , 2015, 20, 16466-16490.	1.7	7
129	¹ H NMR-Based Fecal Metabolomics Reveals Changes in Gastrointestinal Function of Aging Rats Induced by ¹³ C-Galactose. <i>Rejuvenation Research</i> , 2021, 24, 86-96.	0.9	7
130	Studies on the Changes of Pharmacokinetics Behaviors of Phytochemicals and the Influence on Endogenous Metabolites After the Combination of Radix Bupleuri and Radix Paeoniae Alba Based on Multi-Component Pharmacokinetics and Metabolomics. <i>Frontiers in Pharmacology</i> , 2021, 12, 630970.	1.6	7
131	Evaluations of two glutathione S-transferase epsilon genes for their contributions to metabolism of three selected insecticides in <i>Locusta migratoria</i> . <i>Pesticide Biochemistry and Physiology</i> , 2022, 183, 105084.	1.6	7
132	Synthesis of Silver Nanoparticles from the Polysaccharide of Farfarae Flos and Uncovering Its Anticancer Mechanism Based on the Cell Metabolomic Approach. <i>Journal of Proteome Research</i> , 2022, 21, 172-181.	1.8	7
133	Investigating the inter-individual variability of Astragali Radix against cisplatin-induced liver injury via 16S rRNA gene sequencing and LC/MS-based metabolomics. <i>Phytomedicine</i> , 2022, 101, 154107.	2.3	7
134	Potential Quality Evaluation Method for Radix Astragali Based on Sweetness Indicators. <i>Molecules</i> , 2015, 20, 3129-3145.	1.7	6
135	Nuclear magnetic resonance based metabolomic differentiation of different Astragali Radix. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 363-374.	0.7	6
136	Antidepressant-Like Effects of Coumaroylspermidine Extract From Safflower Injection Residues. <i>Frontiers in Pharmacology</i> , 2020, 11, 713.	1.6	6
137	Comparison of nutritional compositions of foxtail millet from the different cultivation regions by UPLC-Q ⁺ Orbitrap HRMS based metabolomics approach. <i>Journal of Food Biochemistry</i> , 2021, 45, e13940.	1.2	6
138	Characterization of chemical components in the Guanxinning injection by liquid chromatography-mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4662.	0.7	6
139	Deciphering the Mechanical Network of Chronic Atrophic Gastritis: A Urinary Time-Dependent Metabonomics-Based Network Pharmacology Study. <i>Frontiers in Physiology</i> , 2019, 10, 1004.	1.3	5
140	Uncovering the anticancer mechanism of petroleum extracts of Farfarae Flos against Lewis lung cancer by metabolomics and network pharmacology analysis. <i>Biomedical Chromatography</i> , 2020, 34, e4878.	0.8	5
141	Study on antidepressant mechanism of Radix Bupleuri and Radix Paeoniae Alba herb pair by metabonomics combined with ¹ H nuclear magnetic resonance and ultra-high-performance liquid chromatography-tandem mass spectrometry detection technology. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1262-1273.	1.2	5
142	Study of the Neurotransmitter Changes Adjusted by Circadian Rhythm in Depression Based on Liver Transcriptomics and Correlation Analysis. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2151-2166.	1.7	5
143	Assessment of Biphasic Extraction Methods of Mouse Fecal Metabolites for Liquid Chromatography-mass Spectrometry-Based Metabolomic Studies. <i>Journal of Proteome Research</i> , 2021, 20, 4487-4494.	1.8	5
144	Characterization of multiple chemical components of GuiLingji by UHPLC-MS and ¹ H NMR analysis. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 460-469.	2.4	5

#	ARTICLE	IF	CITATIONS
145	Brain and testicular metabonomics revealed the protective effects of Guilingji on senile sexual dysfunction rats. <i>Journal of Ethnopharmacology</i> , 2022, 290, 115047.	2.0	5
146	Metabolomics Based on Peripheral Blood Mononuclear Cells to Dissect the Mechanisms of Chaigui Granules for Treating Depression. <i>ACS Omega</i> , 2022, 7, 8466-8482.	1.6	5
147	Astragali Radix“Codonopsis Radix“Jujubae Fructus water extracts ameliorate exercise-induced fatigue in mice via modulating gut microbiota and its metabolites. <i>Journal of the Science of Food and Agriculture</i> , 2022, , .	1.7	5
148	Increasing the Level of IRS-1 and Insulin Pathway Sensitivity by Natural Product Carainterol A. <i>Molecules</i> , 2016, 21, 1303.	1.7	4
149	Metabolomics reveal the protective effect of Farfarae Flos against asthma using an OVA-induced rat model. <i>RSC Advances</i> , 2017, 7, 39929-39939.	1.7	4
150	Molecular docking and multivariate analysis studies of active compounds in the safflower injection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 673-680.	0.5	4
151	Potential quality evaluation approach for the absolute growth years™ wild and transplanted Astragali Radix based on anti-heart failure efficacy. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 460-471.	0.7	4
152	Network pharmacology research of Astragali Radix in treating chronic atrophic gastritis rats based on mitochondrial metabonomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1145, 122109.	1.2	4
153	Comprehensive Analysis Strategy of Nervous“Endocrine“Immune-Related Metabolites to Evaluate Arachidonic Acid as a Novel Diagnostic Biomarker in Depression. <i>Journal of Proteome Research</i> , 2021, 20, 2477-2486.	1.8	4
154	Branched-Chain Amino Acids Catabolism Pathway Regulation Plays a Critical Role in the Improvement of Leukopenia Induced by Cyclophosphamide in 4T1 Tumor-Bearing Mice Treated With Lvjiaobuxue Granule. <i>Frontiers in Pharmacology</i> , 2021, 12, 657047.	1.6	4
155	Identification of Crucial Genes and Diagnostic Value Analysis in Major Depressive Disorder Using Bioinformatics Analysis. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 25, 13-20.	0.6	4
156	Huangqi Jianzhong Tang ameliorated phospholipase A2 and glycerophospholipids metabolism against chronic atrophic gastritis rats. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 1082-1091.	0.5	3
157	Metabolite analysis of Huangqi Jianzhong Tang using UHPLC-Q-Exactive-MS in rat plasma. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 593-604.	0.5	3
158	Metabolic profiling of RB-2 and RB-4, two analogs of polyacetylene from Bupleurum. <i>Journal of Asian Natural Products Research</i> , 2020, 22, 1045-1064.	0.7	3
159	Mitochondria metabonomics of Huangqi Jianzhong Tang against chronic atrophic gastritis. <i>Biomedical Chromatography</i> , 2021, 35, e5013.	0.8	3
160	Unveiling the anti-senescence effects and senescence-associated secretory phenotype (SASP) inhibitory mechanisms of <i>Scutellaria baicalensis</i> Georgi in low glucose-induced astrocytes based on boolean network. <i>Phytomedicine</i> , 2022, 99, 153990.	2.3	3
161	Aqueous extract from <i>Astragalus membranaceus</i> can improve the function degradation and delay aging on <i>Drosophila melanogaster</i> through antioxidant mechanism. <i>Rejuvenation Research</i> , 0, , .	0.9	3
162	Integration of Non-Targeted Metabolomics and Targeted Quantitative Analysis to Elucidate the Synergistic Antidepressant Effect of Bupleurum Chinense DC-Paeonia Lactiflora Pall Herb Pair by Regulating Purine Metabolism. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3

#	ARTICLE	IF	CITATIONS
163	Pharmacokinetics-pharmacodynamics and tissue distribution analysis of Low Polar extract of Xiaoyao Powder combined with rat model of chronic unpredictable mild stress. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 173-183.	0.5	2
164	Rapid quantitative analysis of 18 chemical constituents in HuangQi JianZhong Tang based on UHPLC-MS. <i>Biomedical Chromatography</i> , 2020, 34, e4754.	0.8	2
165	Chemical comparison of the raw and processed Farfarae Flos by liquid chromatography-mass spectrometry based metabolomic approach. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4697.	0.7	2
166	Cloning, Yeast Expression, and Characterization of a β -Amyrin C-28 Oxidase (CYP716A249) Involved in Triterpenoid Biosynthesis in <i>Polygala tenuifolia</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 1839-1846.	0.6	2
167	Utilization of UPLC-QTOF-MS-Based Metabolomics and AFLP-Based Marker-Assisted Selection to Facilitate/Assist Conventional Breeding of <i>Polygala tenuifolia</i> . <i>Chemistry and Biodiversity</i> , 2017, 14, e1700163.	1.0	1
168	Skeletal Muscle Metabolomic Responses to Endurance and Resistance Training in Rats under Chronic Unpredictable Mild Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1645.	1.2	1
169	Rapid discrimination of raw and sulfur-fumigated Farfarae Flos based on UHPLC-Q-Orbitrap HRMS. <i>European Food Research and Technology</i> , 2021, 247, 1921-1931.	1.6	1
170	Relationship Between the Structure and Immune Activity of Components From the Active Polysaccharides APS-II of Astragali Radix by Enzymolysis of Endo β -1,4-Glucanase. <i>Frontiers in Pharmacology</i> , 2022, 13, 839635.	1.6	1
171	Establishment of Holistic Quality Control Methods for Nelumbinis Folium Containing Alkaloids and Flavonoids with Simple HPLC Conditions. <i>Journal of Chromatographic Science</i> , 2021, , .	0.7	1
172	¹ H NMR Metabonomic Study on the Antidepressant of Xiao-yao-san Series Prescriptions in Rat Plasma. , 2012, , .		0
173	Differential evolutionary dynamics of Enterovirus D68 from countries of different continents. <i>Future Virology</i> , 2017, 12, 29-35.	0.9	0
174	Serum metabolomics characterization of liver fibrosis induced by bile duct-ligated in rats and the intervention effects of herb compound 861. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 31-44.	0.5	0
175	Discovery of biomarkers for depressed patients and evaluation of Xiaoyaosan efficacy based on liquid chromatography-mass spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 0, , 1-12.	0.5	0
176	Determination of serum metabolites in mouse based on stable isotope-resolved metabolomics. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-6-7.	0.0	0
177	RNA-Seq Reveals Potential Mechanisms of Baicalein in Improving Cognition in SAMP8 Mice. <i>FASEB Journal</i> , 2019, 33, 806.20.	0.2	0
178	A System Pharmacology Model for Decoding the Synergistic Mechanisms of Compound Kushen Injection in Treating Breast Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 723147.	1.6	0
179	Metabolite Identification of Huangqi Jianzhong Tang in Rat Urine and Feces after Oral Administration Based on UHPLC-Q-Exactive-MS. <i>Journal of Chromatographic Science</i> , 2022, , .	0.7	0
180	Integrating UHPLC-Q-Exactive Orbitrap-MS serum metabolomics and biological targets network deciphers the mechanism of Zhizhu-kuanzhong capsule for functional dyspepsia. <i>Journal of Liquid Chromatography and Related Technologies</i> , 0, , 1-13.	0.5	0