Jun-sheng Tian

List of Publications by Year
in descending order

58 papers	1,252 citations	331670 21 h-index	395702 33 g-index
63 all docs	63 docs citations	63 times ranked	1364 citing authors

#	Article	IF	Citations
1	Research on the Pathological Mechanism and Drug Treatment Mechanism of Depression. Current Neuropharmacology, 2015, 13, 514-523.	2.9	106
2	Plasma-metabolite-biomarkers for the therapeutic response in depressed patients by the traditional Chinese medicine formula Xiaoyaosan: A 1H NMR-based metabolomics approach. Journal of Affective Disorders, 2015, 185, 156-163.	4.1	82
3	Dynamic analysis of the endogenous metabolites in depressed patients treated with TCM formula Xiaoyaosan using urinary 1H NMR-based metabolomics. Journal of Ethnopharmacology, 2014, 158, 1-10.	4.1	76
4	Analysis of the restorative effect of Bu-zhong-yi-qi-tang in the spleen-qi deficiency rat model using 1H-NMR-based metabonomics. Journal of Ethnopharmacology, 2014, 151, 912-920.	4.1	76
5	1H-NMR-Based Metabonomic Studies on the Anti-Depressant Effect of Genipin in the Chronic Unpredictable Mild Stress Rat Model. PLoS ONE, 2013, 8, e75721.	2.5	60
6	Antidepressant-like effects of the fractions of Xiaoyaosan on rat model of chronic unpredictable mild stress. Journal of Ethnopharmacology, 2011, 137, 236-244.	4.1	56
7	Antidepressant-like effect of genipin in mice. Neuroscience Letters, 2010, 479, 236-239.	2.1	54
8	Plasma metabolomics of depressed patients and treatment with Xiaoyaosan based on mass spectrometry technique. Journal of Ethnopharmacology, 2020, 246, 112219.	4.1	52
9	Integrated network pharmacology and metabolomics to dissect the combination mechanisms of Bupleurum chinense DC-Paeonia lactiflora Pall herb pair for treating depression. Journal of Ethnopharmacology, 2021, 264, 113281.	4.1	48
10	A 1H-NMR plasma metabonomic study of acute and chronic stress models of depression in rats. Behavioural Brain Research, 2013, 241, 86-91.	2.2	45
11	A GCâ€"MS urinary quantitative metabolomics analysis in depressed patients treated with TCM formula of Xiaoyaosan. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1026, 227-235.	2.3	45
12	Protective effect of isoliquiritin against corticosterone-induced neurotoxicity in PC12 cells. Food and Function, 2017, 8, 1235-1244.	4.6	44
13	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. Frontiers in Pharmacology, 2017, 8, 995.	3.5	35
14	Neuroprotective and Cytotoxic Phthalides from Angelicae Sinensis Radix. Molecules, 2016, 21, 549.	3.8	34
15	Investigation on the antidepressant effect of sea buckthorn seed oil through the GC-MS-based metabolomics approach coupled with multivariate analysis. Food and Function, 2015, 6, 3585-3592.	4.6	32
16	Discovery, screening and evaluation of a plasma biomarker panel for subjects with psychological suboptimal health state using 1H-NMR-based metabolomics profiles. Scientific Reports, 2016, 6, 33820.	3.3	30
17	Metabolomics studies on corticosterone-induced PC12 cells: A strategy for evaluating an in vitro depression model and revealing the metabolic regulation mechanism. Neurotoxicology and Teratology, 2018, 69, 27-38.	2.4	29
18	1H NMR-based metabolic profiling of liver in chronic unpredictable mild stress rats with genipin treatment. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 150-158.	2.8	27

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19	Combining biochemical with 1 H NMR-based metabolomics approach unravels the antidiabetic activity of genipin and its possible mechanism. Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 80-89.	2.8	24
20	Antidepressant-like effects of dietary gardenia blue pigment derived from genipin and tyrosine. Food and Function, 2019, 10, 4533-4545.	4.6	24
21	Liquiritin protects PC12 cells from corticosterone-induced neurotoxicity via regulation of metabolic disorders, attenuation ERK1/2-NF-κB pathway, activation Nrf2-Keap1 pathway, and inhibition mitochondrial apoptosis pathway. Food and Chemical Toxicology, 2020, 146, 111801.	3.6	24
22	A Novel Network Pharmacology Strategy to Decode Mechanism of Lang Chuang Wan in Treating Systemic Lupus Erythematosus. Frontiers in Pharmacology, 2020, 11, 512877.	3.5	20
23	A unique insight for energy metabolism disorders in depression based on chronic unpredictable mild stress rats using stable isotope-resolved metabolomics. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113588.	2.8	18
24	Stable Isotope-Resolved Metabolomics Reveals the Abnormal Brain Glucose Catabolism in Depression Based on Chronic Unpredictable Mild Stress Rats. Journal of Proteome Research, 2021, 20, 3549-3558.	3.7	16
25	The hematinic effect of Colla corii asini (Ejiao) using ^{1}H-NMR metabolomics coupled with correlation analysis in APH-induced anemic rats. RSC Advances, 2017, 7, 8952-8962.	3.6	14
26	1H NMR-based metabolomics revealed the protective effects of Guilingji on the testicular dysfunction of aging rats. Journal of Ethnopharmacology, 2019, 238, 111839.	4.1	13
27	Effects of Guilingji on Aging Rats and Its Underlying Mechanisms. Rejuvenation Research, 2020, 23, 138-149.	1.8	13
28	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. Journal of Pharmaceutical and Biomedical Analysis, 2021, 193, 113755.	2.8	13
29	The potential immunotoxicity of fine particulate matter based on SD rat spleen. Environmental Science and Pollution Research, 2019, 26, 23958-23966.	5.3	12
30	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. Journal of Pharmaceutical and Biomedical Analysis, 2019, 169, 99-110.	2.8	12
31	Comparison of the serum metabolic signatures based on 1H NMR between patients and a rat model of deep vein thrombosis. Scientific Reports, 2018, 8, 7837.	3.3	11
32	A Novel Network Pharmacology Strategy to Decode Metabolic Biomarkers and Targets Interactions for Depression. Frontiers in Psychiatry, 2020, 11, 667.	2.6	10
33	1H NMR-based metabolomics approach to investigating the renal protective effects of Genipin in diabetic rats. Chinese Journal of Natural Medicines, 2018, 16, 261-270.	1.3	9
34	Urine metabolomic responses to aerobic and resistance training in rats under chronic unpredictable mild stress. PLoS ONE, 2020, 15, e0237377.	2.5	9
35	Dose-Effect/Toxicity of Bupleuri Radix on Chronic Unpredictable Mild Stress and Normal Rats Based on Liver Metabolomics. Frontiers in Pharmacology, 2021, 12, 627451.	3.5	8
36	Stable Isotope-Resolved Metabolomics Studies on Corticosteroid-Induced PC12 Cells: A Strategy for Evaluating Glucose Catabolism in an in Vitro Model of Depression. Journal of Proteome Research, 2022, 21, 788-797.	3.7	8

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37	Novel targets for ameliorating energy metabolism disorders in depression through stable isotope-resolved metabolomics. Biochimica Et Biophysica Acta - Bioenergetics, 2022, 1863, 148578.	1.0	8
38	Antidepressant-Like Effects of Coumaroylspermidine Extract From Safflower Injection Residues. Frontiers in Pharmacology, 2020, 11, 713.	3.5	6
39	Study of the Neurotransmitter Changes Adjusted by Circadian Rhythm in Depression Based on Liver Transcriptomics and Correlation Analysis. ACS Chemical Neuroscience, 2021, 12, 2151-2166.	3.5	5
40	Brain and testicular metabonomics revealed the protective effects of Guilingji on senile sexual dysfunction rats. Journal of Ethnopharmacology, 2022, 290, 115047.	4.1	5
41	Increasing the Level of IRS-1 and Insulin Pathway Sensitivity by Natural Product Carainterol A. Molecules, 2016, 21, 1303.	3.8	4
42	Comprehensive Analysis Strategy of Nervous–Endocrine–Immune-Related Metabolites to Evaluate Arachidonic Acid as a Novel Diagnostic Biomarker in Depression. Journal of Proteome Research, 2021, 20, 2477-2486.	3.7	4
43	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. Frontiers in Pharmacology, 2021, 12, 657047.	3.5	4
44	Serum metabolomic responses to aerobic exercise in rats under chronic unpredictable mild stress. Scientific Reports, 2022, 12, 4888.	3.3	4
45	Metabolic profiling of RB-2 and RB-4, two analogs of polyacetylene from Bupleurum. Journal of Asian Natural Products Research, 2020, 22, 1045-1064.	1.4	3
46	Altered Metabolomics in Bipolar Depression With Gastrointestinal Symptoms. Frontiers in Psychiatry, 2022, 13, .	2.6	3
47	Pharmacokinetics-pharmacodynamics and tissue distribution analysis of Low Polar extract of Xiaoyao Powder combined with rat model of chronic unpredictable mild stress. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 173-183.	1.0	2
48	Antidepressant Response Metabonomics. Advances in Biological Psychiatry, 2014, , 103-103.	0.2	1
49	Skeletal Muscle Metabolomic Responses to Endurance and Resistance Training in Rats under Chronic Unpredictable Mild Stress. International Journal of Environmental Research and Public Health, 2021, 18, 1645.	2.6	1
50	Biomimetic Surface Modification of Poly (L-Lactic Acid) with Chitosan and Gelatin for Cartilage Tissue Engineering. , 2008, , .		0
51	PingYu Capsule Activates cAMP/PKA/CREB Signaling Pathway in Rat Hippocampus: A Possible Mechanism for Antidepressant-Like Effect. , 2009, , .		0
52	Drug Release Properties of Poly (D, L-Lactic Acid) PDLLA Modified Genipin Cross-Linked Chitosan/Gelatin Scaffold. , 2009, , .		0
53	A Novel Video-Tracking Analysis System for the Behavioral Despair Test. , 2009, , .		0
54	Antidepression of Ping Yu Formula via the Regulation of cAMP Signaling Pathway. , 2012, , .		0

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55	1H NMR Metabonomic Study on the Antidepression of Xiao-yao-san Series Prescriptions in Rat Plasma. , 2012, , .		0
56	Discovery of biomarkers for depressed patients and evaluation of Xiaoyaosan efficacy based on liquid chromatography-mass spectrometry. Journal of Liquid Chromatography and Related Technologies, 0, , 1-12.	1.0	0
57	Determination of serum metabolites in mouse based on stable isotope-resolved metabolomics. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-6-7.	0.0	0
58	Integrating UHPLC-Q-Exactive Orbitrap-MS serum metabolomics and biological targets network deciphers the mechanism of Zhizhu-kuanzhong capsule for functional dyspepsia. Journal of Liquid Chromatography and Related Technologies, 0, , 1-13.	1.0	0