

Jun-sheng Tian

List of Publications by Year in descending order

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58
papers

1,252
citations

331670

21
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395702

33
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63
all docs

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docs citations

63
times ranked

1364
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.7	8
2	Brain and testicular metabolomics revealed the protective effects of Guilingji on senile sexual dysfunction rats. <i>Journal of Ethnopharmacology</i> , 2022, 290, 115047.	4.1	5
3	Serum metabolomic responses to aerobic exercise in rats under chronic unpredictable mild stress. <i>Scientific Reports</i> , 2022, 12, 4888.	3.3	4
4	Altered Metabolomics in Bipolar Depression With Gastrointestinal Symptoms. <i>Frontiers in Psychiatry</i> , 2022, 13, .	2.6	3
5	Novel targets for ameliorating energy metabolism disorders in depression through stable isotope-resolved metabolomics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148578.	1.0	8
6	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.	4.1	48
7	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.	2.8	13
8	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.	2.6	1
9	Comprehensive Analysis Strategy of Nervousâ€“Endocrineâ€“Immune-Related Metabolites to Evaluate Arachidonic Acid as a Novel Diagnostic Biomarker in Depression. <i>Journal of Proteome Research</i> , 2021, 20, 2477-2486.	3.7	4
10	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.	3.5	5
11	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.	3.7	16
12	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.	3.5	8
13	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 <i>Lvijaobuxue</i> Granule. <i>Frontiers in Pharmacology</i> , 2021, 12, 657047.	3.5	4
14	Effects of Guilingji on Aging Rats and Its Underlying Mechanisms. <i>Rejuvenation Research</i> , 2020, 23, 138-149.	1.8	13
15	Plasma metabolomics of depressed patients and treatment with Xiaoyaosan based on mass spectrometry technique. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112219.	4.1	52
16	Metabolic profiling of RB-2 and RB-4, two analogs of polyacetylene from <i>Bupleurum</i> . <i>Journal of Asian Natural Products Research</i> , 2020, 22, 1045-1064.	1.4	3
17	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.	3.5	20
18	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.	2.8	18

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19	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.	3.6	24
20	A Novel Network Pharmacology Strategy to Decode Metabolic Biomarkers and Targets Interactions for Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 667.	2.6	10
21	Urine metabolomic responses to aerobic and resistance training in rats under chronic unpredictable mild stress. <i>PLoS ONE</i> , 2020, 15, e0237377.	2.5	9
22	Antidepressant-Like Effects of Coumaroylspermidine Extract From Safflower Injection Residues. <i>Frontiers in Pharmacology</i> , 2020, 11, 713.	3.5	6
23	Antidepressant-like effects of dietary gardenia blue pigment derived from genipin and tyrosine. <i>Food and Function</i> , 2019, 10, 4533-4545.	4.6	24
24	The potential immunotoxicity of fine particulate matter based on SD rat spleen. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23958-23966.	5.3	12
25	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.	1.0	2
26	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.	4.1	13
27	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.	2.8	12
28	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.	1.3	9
29	Comparison of the serum metabolic signatures based on ¹ H NMR between patients and a rat model of deep vein thrombosis. <i>Scientific Reports</i> , 2018, 8, 7837.	3.3	11
30	Metabolomics studies on corticosterone-induced PC12 cells: A strategy for evaluating an in vitro depression model and revealing the metabolic regulation mechanism. <i>Neurotoxicology and Teratology</i> , 2018, 69, 27-38.	2.4	29
31	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
32	Protective effect of isoliquiritin against corticosterone-induced neurotoxicity in PC12 cells. <i>Food and Function</i> , 2017, 8, 1235-1244.	4.6	44
33	The hematinic effect of Colla corii asini (Ejiao) using ¹ H-NMR metabolomics coupled with correlation analysis in APH-induced anemic rats. <i>RSC Advances</i> , 2017, 7, 8952-8962.	3.6	14
34	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.	3.5	35
35	Neuroprotective and Cytotoxic Phthalides from Angelicae Sinensis Radix. <i>Molecules</i> , 2016, 21, 549.	3.8	34
36	Increasing the Level of IRS-1 and Insulin Pathway Sensitivity by Natural Product Carainterol A. <i>Molecules</i> , 2016, 21, 1303.	3.8	4

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37	Combining biochemical with ¹ H NMR-based metabolomics approach unravels the antidiabetic activity of genipin and its possible mechanism. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 80-89.	2.8	24
38	Discovery, screening and evaluation of a plasma biomarker panel for subjects with psychological suboptimal health state using ¹ H-NMR-based metabolomics profiles. <i>Scientific Reports</i> , 2016, 6, 33820.	3.3	30
39	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.	2.3	45
40	Research on the Pathological Mechanism and Drug Treatment Mechanism of Depression. <i>Current Neuropharmacology</i> , 2015, 13, 514-523.	2.9	106
41	Plasma-metabolite-biomarkers for the therapeutic response in depressed patients by the traditional Chinese medicine formula Xiaoyaosan: A ¹ H NMR-based metabolomics approach. <i>Journal of Affective Disorders</i> , 2015, 185, 156-163.	4.1	82
42	¹ H NMR-based metabolic profiling of liver in chronic unpredictable mild stress rats with genipin treatment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 115, 150-158.	2.8	27
43	Investigation on the antidepressant effect of sea buckthorn seed oil through the GC-MS-based metabolomics approach coupled with multivariate analysis. <i>Food and Function</i> , 2015, 6, 3585-3592.	4.6	32
44	Dynamic analysis of the endogenous metabolites in depressed patients treated with TCM formula Xiaoyaosan using urinary ¹ H NMR-based metabolomics. <i>Journal of Ethnopharmacology</i> , 2014, 158, 1-10.	4.1	76
45	Antidepressant Response Metabonomics. <i>Advances in Biological Psychiatry</i> , 2014, , 103-103.	0.2	1
46	Analysis of the restorative effect of Bu-zhong-yi-qi-tang in the spleen-qi deficiency rat model using ¹ H-NMR-based metabonomics. <i>Journal of Ethnopharmacology</i> , 2014, 151, 912-920.	4.1	76
47	A ¹ H-NMR plasma metabonomic study of acute and chronic stress models of depression in rats. <i>Behavioural Brain Research</i> , 2013, 241, 86-91.	2.2	45
48	¹ H-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.	2.5	60
49	Antidepressant of Ping Yu Formula via the Regulation of cAMP Signaling Pathway. , 2012, , .		0
50	¹ H NMR Metabonomic Study on the Antidepressant of Xiao-yao-san Series Prescriptions in Rat Plasma. , 2012, , .		0
51	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.	4.1	56
52	Antidepressant-like effect of genipin in mice. <i>Neuroscience Letters</i> , 2010, 479, 236-239.	2.1	54
53	PingYu Capsule Activates cAMP/PKA/CREB Signaling Pathway in Rat Hippocampus: A Possible Mechanism for Antidepressant-Like Effect. , 2009, , .		0
54	Drug Release Properties of Poly (D, L-Lactic Acid) PDLLA Modified Genipin Cross-Linked Chitosan/Gelatin Scaffold. , 2009, , .		0

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55	A Novel Video-Tracking Analysis System for the Behavioral Despair Test. , 2009, , .		0
56	Biomimetic Surface Modification of Poly (L-Lactic Acid) with Chitosan and Gelatin for Cartilage Tissue Engineering. , 2008, , .		0
57	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
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