

Chang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

535
citations

623734

14
h-index

677142

22
g-index

35
all docs

35
docs citations

35
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt/ β -catenin coupled with HIF-1 α /VEGF signaling pathways involved in galangin neurovascular unit protection from focal cerebral ischemia. <i>Scientific Reports</i> , 2015, 5, 16151.	3.3	88
2	Simultaneous quantification of 17 constituents from Yuanhu Zhitong tablet using rapid resolution liquid chromatography coupled with a triple quadrupole electrospray tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 497-504.	2.8	46
3	Analysis of serum metabolites for the discovery of amino acid biomarkers and the effect of galangin on cerebral ischemia. <i>Molecular BioSystems</i> , 2013, 9, 2311.	2.9	36
4	UPLC-Q-TOF/MS-Based Serum Metabolomics Reveals the Anti-Ischemic Stroke Mechanism of Nuciferine in MCAO Rats. <i>ACS Omega</i> , 2020, 5, 33433-33444.	3.5	30
5	NMR-based Metabolomic Techniques Identify the Toxicity of Emodin in HepG2 Cells. <i>Scientific Reports</i> , 2018, 8, 9379.	3.3	25
6	Vasorelaxant and antihypertensive effects of Tianshu Capsule on rats: An in vitro and in vivo approach. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 188-197.	5.6	24
7	Emodin induces liver injury by inhibiting the key enzymes of FADH/NADPH transport in rat liver. <i>Toxicology Research</i> , 2018, 7, 888-896.	2.1	22
8	Studies on the regulation of lipid metabolism and its mechanism of the iridoids rich fraction in <i>Valeriana jatamansi</i> Jones. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1891-1898.	5.6	21
9	Screening Specific Biomarkers of Herbs Using a Metabolomics Approach: A Case Study of <i>Panax ginseng</i> . <i>Scientific Reports</i> , 2017, 7, 4609.	3.3	19
10	Anxiolytic potency of iridoid fraction extracted from <i>Valeriana jatamansi</i> Jones and its mechanism: a preliminary study. <i>Natural Product Research</i> , 2018, 32, 2071-2075.	1.8	19
11	Research on Component Law of Chinese Patent Medicine for Anti-influenza and Development of New Recipes for Anti-influenza by Unsupervised Data Mining Methods. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine. Academy of Traditional Chinese Medicine</i> , 2010, 30, 288-293.	0.4	18
12	Evaluation of safety of iridoids rich fraction from <i>Valeriana jatamansi</i> Jones: Acute and sub-chronic toxicity study in mice and rats. <i>Journal of Ethnopharmacology</i> , 2015, 172, 386-394.	4.1	16
13	Serum Metabolic Profiling Reveals the Antidepressive Effects of the Total Iridoids of <i>Valeriana jatamansi</i> Jones on Chronic Unpredictable Mild Stress Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 338.	3.5	16
14	Coniferyl Ferulate, a Strong Inhibitor of Glutathione S-Transferase Isolated from <i>Radix Angelicae sinensis</i> , Reverses Multidrug Resistance and Downregulates P-Glycoprotein. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	1.2	15
15	An Effective Solution to Discover Synergistic Drugs for Anti-Cerebral Ischemia from Traditional Chinese Medicinal Formulae. <i>PLoS ONE</i> , 2013, 8, e78902.	2.5	15
16	Global Metabolomics Reveals the Metabolic Dysfunction in Ox-LDL Induced Macrophage-Derived Foam Cells. <i>Frontiers in Pharmacology</i> , 2017, 8, 586.	3.5	15
17	The effects of jolkinolide B on HepG2 cells as revealed by ¹ H-NMR-based metabolic profiling. <i>European Journal of Pharmacology</i> , 2019, 842, 10-19.	3.5	14
18	Anti-invasion and anti-metastasis effects of Valjatrata E via reduction of matrix metalloproteinases expression and suppression of MAPK/ERK signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 817-824.	5.6	13

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19	Triterpenoid Saponins from the Seeds of <i>Aesculus chinensis</i> and Their Cytotoxicities. <i>Natural Products and Bioprospecting</i> , 2018, 8, 47-56.	4.3	12
20	Identification of key constituents in volatile oil of <i>Ligusticum chuanxiong</i> based on data mining approaches. <i>Pharmaceutical Biology</i> , 2011, 49, 445-455.	2.9	10
21	Synergism and Rules of the new Combination drug Yiqijiedu Formulae (YQJD) on Ischemic Stroke based on amino acids (AAs) metabolism. <i>Scientific Reports</i> , 2014, 4, 5149.	3.3	10
22	Isolation of two rare N-glycosides from <i>Ginkgo biloba</i> and their anti-inflammatory activities. <i>Scientific Reports</i> , 2020, 10, 5994.	3.3	10
23	Metabolic profile of Yi-Xin-Shu capsule in rat by ultra-performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry analysis. <i>RSC Advances</i> , 2015, 5, 80583-80590.	3.6	8
24	Studies on the regulation of lipid metabolism and the mechanism of the aqueous and ethanol extracts of <i>Usnea</i> . <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 930-936.	5.6	8
25	Marked Response of Rat Ileal and Colonic Microbiota After the Establishment of Alzheimer's Disease Model With Bilateral Intraventricular Injection of A β (1-42). <i>Frontiers in Microbiology</i> , 2022, 13, 819523.	3.5	7
26	Protective Effects of Nuciferine in Middle Cerebral Artery Occlusion Rats Based on Transcriptomics. <i>Brain Sciences</i> , 2022, 12, 572.	2.3	7
27	Detection of Vasodilators From Herbal Components by a Transcriptome-Based Functional Gene Module Reference Approach. <i>Frontiers in Pharmacology</i> , 2019, 10, 1144.	3.5	6
28	Identification of the chemical constituents of Chinese medicine Yi-Xin-Shu capsule by molecular feature orientated precursor ion selection and tandem mass spectrometry structure elucidation. <i>Journal of Separation Science</i> , 2015, 38, 3687-3695.	2.5	5
29	Potential drug targets prediction for H1N1 influenza A based on protein-protein interaction networks. <i>African Journal of Pharmacy and Pharmacology</i> , 2012, 6, 2950-2955.	0.3	0