

Xiao-jia Chen

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,173
citations

201674

27
h-index

233421

45
g-index

50
all docs

50
docs citations

50
times ranked

2679
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability profiling and degradation products of dihydromyricetin in Dulbecco's modified eagle's medium. <i>Food Chemistry</i> , 2022, 378, 132033.	8.2	10
2	Rapid Screening of Lipase Inhibitors from <i>Ophiopogonis Radix</i> Using High-Performance Thin Layer Chromatography by Two Step Gradient Elution Combined with Bioautographic Method. <i>Molecules</i> , 2022, 27, 1155.	3.8	4
3	Key quality factors for Chinese herbal medicines entering the EU market. <i>Chinese Medicine</i> , 2022, 17, 29.	4.0	5
4	Chemical Stability of a Chinese Herbal Spirit Using LC-MS-Based Metabolomics and Accelerated Tests. <i>Frontiers in Pharmacology</i> , 2022, 13, 857706.	3.5	0
5	Chemical Comparison of Monk Fruit Products Processed by Different Drying Methods Using High-Performance Thin-Layer Chromatography Combined With Chemometric Analysis. <i>Frontiers in Nutrition</i> , 2022, 9, 887992.	3.7	3
6	An untargeted metabolomic insight into the high-pressure stress effect on the germination of wholegrain <i>Oryza sativa</i> L.. <i>Food Research International</i> , 2021, 140, 109984.	6.2	16
7	Rational Design of Thermosensitive Hydrogel to Deliver Nanocrystals with Intranasal Administration for Brain Targeting in Parkinson's Disease. <i>Research</i> , 2021, 2021, 9812523.	5.7	12
8	Enhancement of oral bioavailability and anti-Parkinsonian efficacy of resveratrol through a nanocrystal formulation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 518-528.	9.1	43
9	Zebrafish: A Promising Model for Evaluating the Toxicity of Carbon Dot-Based Nanomaterials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49012-49020.	8.0	44
10	Quality standard of traditional Chinese medicines: comparison between European Pharmacopoeia and Chinese Pharmacopoeia and recent advances. <i>Chinese Medicine</i> , 2020, 15, 76.	4.0	51
11	Nonthermally driven volatile evolution of food matrices: The case of high pressure processing. <i>Trends in Food Science and Technology</i> , 2020, 106, 365-381.	15.1	23
12	Brain-targeted delivery shuttled by black phosphorus nanostructure to treat Parkinson's disease. <i>Biomaterials</i> , 2020, 260, 120339.	11.4	66
13	NIR-II-Activated Yolk-Shell Nanostructures as an Intelligent Platform for Parkinsonian Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 6876-6887.	4.6	17
14	Cucurbituril-Oriented Nanoplatforms in Biomedical Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 8211-8240.	4.6	11
15	Highly stabilized nanocrystals delivering Ginkgolide B in protecting against the Parkinson's disease. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119053.	5.2	36
16	Black phosphorus as a versatile nanoplatform: From unique properties to biomedical applications. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 13, .	1.0	18
17	Polymeric Nanoparticles-Based Brain Delivery with Improved Therapeutic Efficacy of Ginkgolide B in Parkinson's Disease. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 10453-10467.	6.7	54
18	Metabolic Profiling of Saponin-Rich <i>Ophiopogon japonicus</i> Roots Based on ¹ H NMR and HPTLC Platforms. <i>Planta Medica</i> , 2019, 85, 917-924.	1.3	15

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19	Nanoparticles Mediating the Sustained Puerarin Release Facilitate Improved Brain Delivery to Treat Parkinson's Disease. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 45276-45289.	8.0	68
20	Oral Delivery of Puerarin Nanocrystals To Improve Brain Accumulation and Anti-Parkinsonian Efficacy. <i>Molecular Pharmaceutics</i> , 2019, 16, 1444-1455.	4.6	47
21	Cell Membrane Coating Technology: A Promising Strategy for Biomedical Applications. <i>Nano-Micro Letters</i> , 2019, 11, 100.	27.0	180
22	Serially coupled reversed phase-hydrophilic interaction liquid chromatography-tailored multiple reaction monitoring, a fit-for-purpose tool for large-scale targeted metabolomics of medicinal bile. <i>Analytica Chimica Acta</i> , 2018, 1037, 119-129.	5.4	43
23	Simultaneous determination of components with wide polarity and content ranges in <i>Cistanche tubulosa</i> using serially coupled reverse phase-hydrophilic interaction chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1501, 39-50.	3.7	62
24	New instrumentation for large-scale quantitative analysis of components spanning a wide polarity range by column-switching hydrophilic interaction chromatography-turbulent flow chromatography-reversed phase liquid chromatography-tandem mass spectrometry. <i>RSC Advances</i> , 2017, 7, 31838-31849.	3.6	12
25	Natural formulas and the nature of formulas: Exploring potential therapeutic targets based on traditional Chinese herbal formulas. <i>PLoS ONE</i> , 2017, 12, e0171628.	2.5	36
26	Anticancer Activities of Protopanaxadiol- and Protopanaxatriol-Type Ginsenosides and Their Metabolites. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-19.	1.2	74
27	Saponins from Chinese Medicines as Anticancer Agents. <i>Molecules</i> , 2016, 21, 1326.	3.8	110
28	Phytochemistry and Pharmacology of <i>Carthamus tinctorius</i> L. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 197-226.	3.8	120
29	Discrimination of Three <i>Panax</i> Species Based on Differences in Volatile Organic Compounds Using a Static Headspace GC-MS-Based Metabolomics Approach. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 663-676.	3.8	13
30	<i>Ophiopogon japonicus</i> —A phytochemical, ethnomedicinal and pharmacological review. <i>Journal of Ethnopharmacology</i> , 2016, 181, 193-213.	4.1	148
31	A Systematic Review of the Anticancer Properties of Compounds Isolated from Licorice (<i>Gancao</i>). <i>Planta Medica</i> , 2015, 81, 1670-1687.	1.3	77
32	Traceability and Quality Control in Traditional Chinese Medicine: From Chemical Fingerprint to Two-Dimensional Barcode. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-6.	1.2	12
33	Chemical Constituents, Quality Control, and Bioactivity of <i>Epimedii Folium</i> (Yinyanghuo). <i>The American Journal of Chinese Medicine</i> , 2015, 43, 783-834.	3.8	56
34	Determination of six polyynes in <i>Oplopanax horridus</i> and <i>Oplopanax elatus</i> using polyethylene glycol modified reversed migration microemulsion electrokinetic chromatography. <i>Electrophoresis</i> , 2014, 35, 2959-2964.	2.4	9
35	Simultaneous determination of seven hydrophilic bioactive compounds in water extract of <i>Polygonum multiflorum</i> using pressurized liquid extraction and short-end injection micellar electrokinetic chromatography. <i>Chemistry Central Journal</i> , 2013, 7, 45.	2.6	7
36	Chemistry, bioactivity and quality control of <i>Dendrobium</i> , a commonly used tonic herb in traditional Chinese medicine. <i>Phytochemistry Reviews</i> , 2013, 12, 341-367.	6.5	154

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37	Quality evaluation of Polygonum multiflorum in China based on HPLC analysis of hydrophilic bioactive compounds and chemometrics. Journal of Pharmaceutical and Biomedical Analysis, 2013, 72, 223-230.	2.8	35
38	Quantitative determination of arenobufagin in rat plasma by ultra fast liquid chromatography-tandem mass spectrometry and its application in a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 939, 86-91.	2.3	13
39	Effect of ion adsorption on CEC separation of small molecules using hypercrosslinked porous polymer monolithic capillary columns. Journal of Separation Science, 2012, 35, 1502-1506.	2.5	12
40	CE and CEC analysis of phytochemicals in herbal medicines. Electrophoresis, 2012, 33, 168-179.	2.4	23
41	Comparison of polysaccharides from different Dendrobium using saccharide mapping. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 977-983.	2.8	41
42	CE and CEC of nucleosides and nucleotides in food materials. Electrophoresis, 2010, 31, 2092-2105.	2.4	28
43	Effect of stability of internal standard on quantification of 15 flavonoids in Epimedium using CZE. Journal of Separation Science, 2009, 32, 275-281.	2.5	16
44	Differentiation of Herba Cistanches by fingerprint with high-performance liquid chromatography-diode array detection-mass spectrometry. Journal of Chromatography A, 2009, 1216, 2156-2162.	3.7	70
45	Simultaneous determination of five flavonoids in licorice using pressurized liquid extraction and capillary electrochromatography coupled with peak suppression diode array detection. Journal of Chromatography A, 2009, 1216, 7329-7335.	3.7	54
46	Simultaneous determination of seven flavonoids in Epimedium using pressurized liquid extraction and capillary electrochromatography. Journal of Separation Science, 2008, 31, 881-887.	2.5	31
47	A rapid method for simultaneous determination of 15 flavonoids in Epimedium using pressurized liquid extraction and ultra-performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 226-235.	2.8	93
48	Simultaneous determination of 15 flavonoids in Epimedium using pressurized liquid extraction and high-performance liquid chromatography. Journal of Chromatography A, 2007, 1163, 96-104.	3.7	90
49	Isolation of Two Sucrose Esters from Polygala tenuifolia by High Speed Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 1583-1592.	1.0	10
50	Application of Chemometrics in Capillary Electrophoresis Analysis of Herbal Medicines. , 0, , 227-242.		1