

Xiaoyan Gao

List of Publications by Year in descending order

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45
papers

748
citations

516710

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580821

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55
all docs

55
docs citations

55
times ranked

979
citing authors

#	ARTICLE	IF	CITATIONS
1	BH+/MH+-matching method for discovery of cis-diol-containing modified nucleosides in urine by ribose-targeted solid phase extraction followed by dual-mass spectrometry platform identification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114555.	2.8	1
2	Integrated Metabolomics and Network Pharmacology Study on the Mechanism of Kangfuxiaoyan Suppository for Treating Chronic Pelvic Inflammatory Disease. <i>Frontiers in Pharmacology</i> , 2022, 13, 812587.	3.5	4
3	Rhein Ameliorates Cognitive Impairment in an APP/PS1 Transgenic Mouse Model of Alzheimer's Disease by Relieving Oxidative Stress through Activating the SIRT1/PGC-1 β Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	4.0	24
4	Corydalis Rhizoma as a model for herb-derived trace metabolites exploration: A cross-mapping strategy involving multiple doses and samples. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 308-319.	5.3	4
5	Serum metabolic profiling of traditional Chinese medicine syndromes in patients with diarrhea-predominant irritable bowel syndrome. <i>Journal of Integrative Medicine</i> , 2021, 19, 274-281.	3.1	4
6	The Study on the Mechanism of Huga Tablets in Treating Drug-Induced Liver Injury Induced by Atorvastatin. <i>Frontiers in Pharmacology</i> , 2021, 12, 683707.	3.5	7
7	Rhein Relieves Oxidative Stress in an A β 1-42 Oligomer-Burdened Neuron Model by Activating the SIRT1/PGC-1 β -Regulated Mitochondrial Biogenesis. <i>Frontiers in Pharmacology</i> , 2021, 12, 746711.	3.5	18
8	Photostable Red-Emitting Fluorescent Rhein-Magnesium(II) Coordination Polymer Nanodot-Based Nanostructures With a Large Stokes Shift for Imaging Mitochondria in Cancer Cell. <i>Frontiers in Oncology</i> , 2021, 11, 758268.	2.8	1
9	Rheum tanguticum Alleviates Cognitive Impairment in APP/PS1 Mice by Regulating Drug-Responsive Bacteria and Their Corresponding Microbial Metabolites. <i>Frontiers in Pharmacology</i> , 2021, 12, 766120.	3.5	1
10	Discovering Temporal Patterns in Longitudinal Nontargeted Metabolomics Data via Group and Nuclear Norm Regularized Multivariate Regression. <i>Metabolites</i> , 2020, 10, 33.	2.9	4
11	A method toward constituents with weak response in mass spectra for comprehensively characterizing constituents in traditional Chinese medicine formula, Kangfuxiaoyanshuan as a case. <i>Journal of Separation Science</i> , 2019, 42, 3152-3160.	2.5	6
12	Comparative study of xuesaitong injection and compound <i>Salvia miltiorrhiza</i> injection in the treatment of acute cerebral infarction: a meta-analysis. <i>Journal of International Medical Research</i> , 2019, 47, 5375-5388.	1.0	7
13	Improved Understanding of the High Shear Wet Granulation Process under the Paradigm of Quality by Design Using <i>Salvia miltiorrhiza</i> Granules. <i>Pharmaceutics</i> , 2019, 11, 519.	4.5	10
14	Application of characteristic fragment filtering with ultra high performance liquid chromatography coupled with high-resolution mass spectrometry for comprehensive identification of components in <i>Schisandrae chinensis</i> Fructus. <i>Journal of Separation Science</i> , 2019, 42, 1323-1331.	2.5	15
15	An integrated strategy based on characteristic fragment filter supplemented by multivariate statistical analysis in multi-stage mass spectrometry chromatograms for the large-scale detection and identification of natural plant-derived components in rat: The rhubarb case. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 89-103.	2.8	7
16	Comparative efficacy of Chinese herbal injections for angina pectoris: A Bayesian network meta-analysis of randomized controlled trials. <i>Complementary Therapies in Medicine</i> , 2019, 43, 208-217.	2.7	8
17	Metabolism and mutual biotransformations of anthraquinones and anthrones in rhubarb by human intestinal flora using UPLC-Q-TOF/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1104, 59-66.	2.3	48
18	A strategy to improve the identification reliability of the chemical constituents by high-resolution mass spectrometry-based isomer structure prediction combined with a quantitative structure retention relationship analysis: Phthalide compounds in Chuanxiong as a test case. <i>Journal of Chromatography A</i> , 2018, 1552, 17-28.	3.7	21

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19	Deciphering biochemical basis of Qingkailing injection-induced anaphylaxis in a rat model by time-dependent metabolomic profiling based on metabolite polarity-oriented analysis. <i>Journal of Ethnopharmacology</i> , 2018, 225, 287-296.	4.1	8
20	On-line incubation and real-time detection by ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry for rapidly analyzing metabolites of anthraquinones in rat liver microsomes. <i>Journal of Chromatography A</i> , 2018, 1571, 94-106.	3.7	20
21	Integration of Metabolomics With Pharmacodynamics to Elucidate the Anti-myocardial Ischemia Effects of Combination of Notoginseng Total Saponins and Safflower Total Flavonoids. <i>Frontiers in Pharmacology</i> , 2018, 9, 667.	3.5	27
22	Ultra high performance liquid chromatography with tandem mass spectrometry for rapid separation and identification of main constituents in Chinese herbal formula Xuan Hu Suo San. <i>Natural Product Research</i> , 2017, 31, 1620-1624.	1.8	1
23	Applying characteristic fragment filtering for rapid detection and identification of ingredients in rhubarb by HPLC coupled with linear ion trap-Orbitrap mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 2854-2862.	2.5	15
24	Characterization of the potential new phthalides in <i>Ligusticum chuanxiong</i> Hort. using ultra-performance liquid chromatography coupled with quadrupole time of flight tandem mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 2123-2130.	2.5	21
25	Using UHPLC Q-Trap/MS as a complementary technique to in-depth mine UPLC Q-TOF/MS data for identifying modified nucleosides in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1051, 108-117.	2.3	16
26	Pharmacometabolomics in Endogenous Drugs: A New Approach for Predicting the Individualized Pharmacokinetics of Cholic Acid. <i>Journal of Proteome Research</i> , 2017, 16, 3529-3535.	3.7	5
27	An integrated strategy by using target tissue metabolomics biomarkers as pharmacodynamic surrogate indices to screen antipyretic components of Qingkailing injection. <i>Scientific Reports</i> , 2017, 7, 6310.	3.3	6
28	Applying target data screening followed by characteristic fragment filtering for the comprehensive screening and identification of alkaloids in <i>Corydalis yanhusuo</i> W. T. Wang by UPLC-Q-TOF/MS. <i>RSC Advances</i> , 2017, 7, 53545-53551.	3.6	4
29	Pharmacokinetic-Pharmacodynamic Modeling to Study the Antipyretic Effect of Qingkailing Injection on Pyrexia Model Rats. <i>Molecules</i> , 2016, 21, 317.	3.8	24
30	Identification of chemical constituents in traditional Chinese medicine formula using HPLC coupled with linear ion trap-Orbitrap MS from high doses of medicinal materials to equivalent doses of formula: Study on Xiang-Sha-Liu-Jun-Zi-Jia-Jian granules. <i>Journal of Separation Science</i> , 2016, 39, 1619-1627.	2.5	24
31	Delipidation-based solid-phase extraction pretreatment technique for plasma broad coverage metabolomic profiling to reveal the potential pathogenesis of yeast-induced fever in rats. <i>Journal of Separation Science</i> , 2016, 39, 2616-2625.	2.5	4
32	Plasma metabolomics combined with lipidomics profiling reveals the potential antipyretic mechanisms of Qingkailing injection in a rat model. <i>Chemico-Biological Interactions</i> , 2016, 254, 24-33.	4.0	16
33	Metabolomics Profiling to Investigate the Pharmacologic Mechanisms of Berberine for the Treatment of High-Fat Diet-Induced Nonalcoholic Steatohepatitis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	1.2	6
34	Global chemical profiling based quality evaluation approach of rhubarb using ultra performance liquid chromatography with tandem quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 511-522.	2.5	33
35	Hypothalamus metabolomic profiling to elucidate the tissue-targeted biochemical basis of febrile response in yeast-induced pyrexia rats. <i>Chemico-Biological Interactions</i> , 2015, 231, 61-70.	4.0	10
36	Plasma Metabolomic Profiling to Reveal Antipyretic Mechanism of Shuang-Huang-Lian Injection on Yeast-Induced Pyrexia Rats. <i>PLoS ONE</i> , 2014, 9, e100017.	2.5	52

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37	Effects of Ginsenoside Rg1 on the Expression of Toll-Like Receptor 3, 4 and Their Signalling Transduction Factors in the NG108-15 Murine Neuroglial Cell Line. <i>Molecules</i> , 2014, 19, 16925-16936.	3.8	42
38	A rapid and sensitive UPLC-MS/MS method for quantification of two caffeoylquinic acids and four main active components in rat plasma after an intravenous administration of Qingkailing injection and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2014, 28, 601-609.	1.7	19
39	A metabolomic strategy to screen the prototype components and metabolites of Qingkailing injection in rat urine by high-performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2014, 37, 2844-2850.	2.5	19
40	One Single Amino Acid for Estimation the Content of Total Free Amino Acids in Qingkailing Injection Using High-Performance Liquid Chromatography-Diode Array Detection. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-9.	1.6	9
41	A Metabolomic Strategy to Screen the Prototype Components and Metabolites of Shuang-Huang-Lian Injection in Human Serum by Ultra Performance Liquid Chromatography Coupled with Quadrupole Time-of-Flight Mass Spectrometry. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-12.	1.6	12
42	Characterization of rational biomarkers accompanying fever in yeast-induced pyrexia rats using urine metabolic footprint analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 68-75.	2.8	12
43	A urinary metabolomics study on biochemical changes in yeast-induced pyrexia rats: A new approach to elucidating the biochemical basis of the febrile response. <i>Chemico-Biological Interactions</i> , 2013, 204, 39-48.	4.0	21
44	UPLC Q-TOF/MS-Based Metabolic Profiling of Urine Reveals the Novel Antipyretic Mechanisms of Qingkailing Injection in a Rat Model of Yeast-Induced Pyrexia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	30
45	One single standard substance for the determination of multiple anthraquinone derivatives in rhubarb using high-performance liquid chromatography-diode array detection. <i>Journal of Chromatography A</i> , 2009, 1216, 2118-2123.	3.7	93