

Hongliang Jiang

List of Publications by Year in descending order

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50
papers

1,124
citations

394421

19
h-index

434195

31
g-index

50
all docs

50
docs citations

50
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic profiling and phylogenetic analysis of medicinal Zingiber species: Tools for authentication of ginger (<i>Zingiber officinale</i> Rosc.). <i>Phytochemistry</i> , 2006, 67, 1673-1685.	2.9	138
2	Use of liquid chromatography–electrospray ionization tandem mass spectrometry to identify diarylheptanoids in turmeric (<i>Curcuma longa</i> L.) rhizome. <i>Journal of Chromatography A</i> , 2006, 1111, 21-31.	3.7	108
3	Systematic evaluation of supported liquid extraction in reducing matrix effect and improving extraction efficiency in LC–MS/MS based bioanalysis for 10 model pharmaceutical compounds. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 891-892, 71-80.	2.3	73
4	A novel dereplication strategy for the identification of two new trace compounds in the extract of <i>Gastrodia elata</i> using UHPLC/Q-TOF-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 45-52.	2.3	60
5	The metabolic change of serum lysophosphatidylcholines involved in the lipid lowering effect of triterpenes from <i>Alismatis rhizoma</i> on high-fat diet induced hyperlipidemia mice. <i>Journal of Ethnopharmacology</i> , 2016, 177, 10-18.	4.1	55
6	The rapid discovery and identification of physalins in the calyx of <i>Physalis alkekengi</i> L.var. <i>franchetii</i> (Mast.) Makino using ultra-high performance liquid chromatography–quadrupole time of flight tandem mass spectrometry together with a novel three-step data mining strategy. <i>Journal of Chromatography A</i> , 2014, 1361, 139-152.	3.7	39
7	Identification and characterization of curcuminoids in turmeric using ultra-high performance liquid chromatography-quadrupole time of flight tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1521, 110-122.	3.7	36
8	Determination of carboplatin in human plasma using HybridSPE-precipitation along with liquid chromatography–tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2162-2170.	2.3	31
9	A targeted strategy to identify untargeted metabolites from in vitro to in vivo: Rapid and sensitive metabolites profiling of licorice in rats using ultra-high performance liquid chromatography coupled with triple quadrupole-linear ion trap mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 40-50.	2.3	31
10	An integrated strategy for establishment of curcuminoid profile in turmeric using two LC–MS/MS platforms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 93-102.	2.8	29
11	Bile acid profiles in diabetic (db/db) mice and their wild type littermates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 473-481.	2.8	27
12	Dose optimisation of voriconazole with therapeutic drug monitoring in children: a single-centre experience in China. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 483-487.	2.5	26
13	Identification of the lipid-lowering component of triterpenes from <i>Alismatis rhizoma</i> based on the MRM-based characteristic chemical profiles and support vector machine model. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3257-3268.	3.7	26
14	The Protein-Binding Behavior of Platinum Anticancer Drugs in Blood Revealed by Mass Spectrometry. <i>Pharmaceuticals</i> , 2021, 14, 104.	3.8	26
15	Systematic identification of shikonins and shikonofurans in medicinal Zicao species using ultra-high performance liquid chromatography quadrupole time of flight tandem mass spectrometry combined with a data mining strategy. <i>Journal of Chromatography A</i> , 2015, 1425, 158-172.	3.7	23
16	Impact of curcumin on the pharmacokinetics of rosuvastatin in rats and dogs based on the conjugated metabolites. <i>Xenobiotica</i> , 2017, 47, 267-275.	1.1	23
17	Spectrum-effect relationship for anti-tumor activity of shikonins and shikonofurans in medicinal Zicao by UHPLC-MS/MS and chemometric approaches. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1136, 121924.	2.3	23
18	Development and validation of a sensitive LC/MS/MS method for the simultaneous determination of naloxone and its metabolites in mouse plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2663-2668.	2.3	21

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19	The Hypolipidemic Effect of Total Saponins from Kuding Tea in High-Fat Diet-Induced Hyperlipidemic Mice and Its Composition Characterized by UPLC-QTOF-MS/MS. <i>Journal of Food Science</i> , 2016, 81, H1313-9.	3.1	21
20	Magnetic solid-phase extraction modified Quick, Easy, Cheap, Effective, Rugged and Safe method combined with pre-column derivatization and ultra-high performance liquid chromatography-tandem mass spectrometry for determination of estrogens and estrogen mimics in pork and chicken samples. <i>Journal of Chromatography A</i> , 2020, 1622, 461137.	3.7	21
21	The strategy for establishment of the multiple reaction monitoring based characteristic chemical profile of triterpenes in <i>Alismatis rhizoma</i> using two combined tandem mass spectrometers. <i>Journal of Chromatography A</i> , 2017, 1524, 121-134.	3.7	20
22	Preventive effects of turmeric on the high-fat diet-induced hyperlipidaemia in mice associated with a targeted metabolomic approach for the analysis of serum lysophosphatidylcholine using LC-MS/MS. <i>Journal of Functional Foods</i> , 2014, 11, 130-141.	3.4	19
23	Elucidation of the Mechanism of Action for Metal Based Anticancer Drugs by Mass Spectrometry-Based Quantitative Proteomics. <i>Molecules</i> , 2019, 24, 581.	3.8	19
24	Untargeted screening of unknown xenobiotics and potential toxins in plasma of poisoned patients using high-resolution mass spectrometry: Generation of xenobiotic fingerprint using background subtraction. <i>Analytica Chimica Acta</i> , 2016, 944, 37-43.	5.4	18
25	Simultaneous determination of capilliposide B and capilliposide C in rat plasma by LC-MS/MS and its application to a PK study. <i>Bioanalysis</i> , 2014, 6, 935-945.	1.5	17
26	Novel PEP-PAN@PSF rods extraction of EDCs in environmental water, sediment, and fish homogenate followed by pre-column derivatization and UHPLC-MS/MS detection. <i>Talanta</i> , 2020, 210, 120661.	5.5	16
27	Network pharmacology combined with metabolomics and lipidomics to reveal the hypolipidemic mechanism of <i>Alismatis rhizoma</i> in hyperlipidemic mice. <i>Food and Function</i> , 2022, 13, 4714-4733.	4.6	16
28	Discrimination of turmeric from different origins in China by MRM-based curcuminoid profiling and multivariate analysis. <i>Food Chemistry</i> , 2021, 338, 127794.	8.2	15
29	An integrated strategy for establishment of metabolite profile of endogenous lysoglycerophospholipids by two LC-MS/MS platforms. <i>Talanta</i> , 2017, 162, 530-539.	5.5	14
30	The Influence of Proinflammatory Cytokines on Voriconazole Trough Concentration in Patients With Different Forms of Hematologic Disorders. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1340-1350.	2.0	13
31	Cell-based assays in combination with ultra-high performance liquid chromatography-quadrupole time of flight tandem mass spectrometry for screening bioactive capilliposide C metabolites generated by rat intestinal microflora. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 119, 130-138.	2.8	10
32	Discovery and characterisation of lycorine-type alkaloids in <i>Lycoris</i> spp. (Amaryllidaceae) using UHPLC-QTOF-MS. <i>Phytochemical Analysis</i> , 2019, 30, 268-277.	2.4	10
33	Optimization of solid-phase extraction and liquid chromatography-tandem mass spectrometry for simultaneous determination of capilliposide B and its active metabolite in rat urine and feces: Overcoming nonspecific binding. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 6-12.	2.8	9
34	Preparation of bovine serum albumin restricted access octadecyl/phenyl-mixed-functionalized magnetic silica nanoparticles for magnetic solid phase extraction of antidepressants in aquatic products followed by UHPLC-MS/MS. <i>Talanta</i> , 2021, 221, 121458.	5.5	9
35	Lysophospholipid profiles of apolipoprotein E-deficient mice reveal potential lipid biomarkers associated with atherosclerosis progression using validated UPLC-QTRAP-MS/MS-based lipidomics approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 148-157.	2.8	8
36	Qualitative distribution of endogenous phosphatidylcholine and sphingomyelin in serum using LC-MS/MS based profiling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1155, 122289.	2.3	8

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37	Comprehensive metabolic profiling of Alismatis Rhizoma triterpenes in rats based on characteristic ions and a triterpene database. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 96-107.	5.3	8
38	Quantitative proteomics of plasma and liver reveals the mechanism of turmeric in preventing hyperlipidemia in mice. <i>Food and Function</i> , 2021, 12, 10484-10499.	4.6	8
39	A novel four-step approach for systematic identification of naphthoquinones in <i>Juglans cathayensis</i> dode using various scan functions of liquid chromatography-tandem mass spectrometry along with data mining strategies. <i>Phytochemical Analysis</i> , 2015, 26, 413-422.	2.4	7
40	Systematic Identification of Proteins Binding with Cisplatin in Blood by Affinity Chromatography and a Four-Dimensional Proteomic Method. <i>Journal of Proteome Research</i> , 2021, 20, 4553-4565.	3.7	6
41	An integrated approach for profiling oxidative metabolites and glutathione adducts using liquid chromatography coupled with ultraviolet detection and triple quadrupole-linear ion trap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 482-491.	2.8	5
42	Metabolism and bioactivation of the tricyclic antidepressant amitriptyline in human liver microsomes and human urine. <i>Bioanalysis</i> , 2016, 8, 1365-1381.	1.5	5
43	Improved structural annotation of triterpene metabolites of traditional Chinese medicine in vivo based on quantitative structure-retention relationships combined with characteristic ions: Alismatis Rhizoma as an example. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1187, 123012.	2.3	5
44	Determination of thailandepsin B in rat plasma with a LC-MS/MS method. <i>Bioanalysis</i> , 2015, 7, 39-52.	1.5	4
45	Tissue distribution of capilliposide B, capilliposide C and their bioactive metabolite in mice using liquid tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2017, 31, e3895.	1.7	4
46	Metabolic Stability and Metabolite Characterization of Capilliposide B and Capilliposide C by LC-QTRAP-MS/MS. <i>Pharmaceutics</i> , 2018, 10, 178.	4.5	4
47	Qualitative distribution of endogenous sphingolipids in plasma of human and rodent species by UPLC-Q-Exactive-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122684.	2.3	3
48	Interaction of Natural Compounds in Licorice and Turmeric with HIV-NCp7 Zinc Finger Domain: Potential Relevance to the Mechanism of Antiviral Activity. <i>Molecules</i> , 2021, 26, 3563.	3.8	3
49	Simultaneous determination of abiraterone and its five metabolites in human plasma by LC-MS/MS: Application to pharmacokinetic study in healthy Chinese subjects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 217, 114826.	2.8	3
50	HRMS for the quantification of xenobiotics in biological samples. <i>Bioanalysis</i> , 2017, 9, 1939-1941.	1.5	1