

Xiao Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141
papers

1,467
citations

20
h-index

29
g-index

162
ext. papers

1,943
ext. citations

4.3
avg, IF

4.75
L-index

#	Paper	IF	Citations
141	Identification of a diarylpentanoid-producing polyketide synthase revealing an unusual biosynthetic pathway of 2-(2-phenylethyl)chromones in agarwood.. <i>Nature Communications</i> , 2022 , 13, 348	17.4	5
140	Protective role of hydrogen sulfide against diabetic cardiomyopathy via alleviating necroptosis.. <i>Free Radical Biology and Medicine</i> , 2022 , 181, 29-29	7.8	1
139	Two-dimensional metal-organic frameworks: from synthesis to bioapplications.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 207	9.4	1
138	Response boosting-based approach for absolute quantification of gelatin peptides using LC-MS/MS.. <i>Food Chemistry</i> , 2022 , 390, 133111	8.5	1
137	Cryo-EM structures of PI3K β reveal conformational changes during inhibition and activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
136	Mechanism exploration of ancient pharmaceutical processing (Paozhi) improving the gastroprotective efficacy of Aucklandiae Radix.. <i>Journal of Ethnopharmacology</i> , 2021 , 287, 114911	5	1
135	Exploration of the SAR Connection between Morphinan- and Arylacetamide-Based μ Opioid Receptor (μ R) Agonists Using the Strategy of Bridging. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 1018-1030	5.7	3
134	Metabolism and Interspecies Variation of IMM-010, a Programmed Cell Death Ligand 1 Inhibitor Prodrug. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
133	Endogenous Stimuli-Activatable Nanomedicine for Immune Theranostics for Cancer. <i>Advanced Functional Materials</i> , 2021 , 31, 2100386	15.6	9
132	Stimuli-activatable nanomaterials for phototherapy of cancer. <i>Biomedical Materials (Bristol)</i> , 2021 , 16,	3.5	5
131	Dietary daidzein inhibits hepatitis C virus replication by decreasing microRNA-122 levels. <i>Virus Research</i> , 2021 , 298, 198404	6.4	3
130	Improved delivery system for celastrol-loaded magnetic FeO/Fe ₃ O ₄ heterogeneous nanorods: HIF-1 α -related apoptotic effects on SMMC-7721 cell. <i>Materials Science and Engineering C</i> , 2021 , 125, 112103	8.3	8
129	Dendrocrepidamine, a novel octahydroindolizine alkaloid from the roots of. <i>Journal of Asian Natural Products Research</i> , 2021 , 23, 1085-1092	1.5	2
128	Simultaneous Determination of a Novel PD-L1 Inhibitor, IMM-010, and Its Active Metabolite, YPD-29B, in Rat Biological Matrices by Polarity-Switching Liquid Chromatography-Tandem Mass Spectrometry: Application to ADME Studies. <i>Frontiers in Pharmacology</i> , 2021 , 12, 677120	5.6	2
127	AsTa1 from <i>Aquilaria sinensis</i> regulates ABA signaling-mediated seed germination and root growth in <i>Nicotiana benthamiana</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2021 , 147, 97-106	2.7	
126	Risk factors for complications after endoscopic treatment in Chinese patients with early esophageal cancer and precancerous lesions. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 35, 2144-2153	5.2	3
125	Development of histidine-tagged cyclic peptide functionalized monolithic material for the affinity purification of antibodies in biological matrices. <i>Journal of Chromatography A</i> , 2021 , 1635, 461707	4.5	0

124	Simultaneous determination of YZG-331 and its metabolites in monkey blood by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 193, 113720	3.5	1
123	Comparing long-term outcomes between endoscopic submucosal dissection (ESD) and endoscopic mucosal resection (EMR) for type II esophagogastric junction neoplasm. <i>Annals of Translational Medicine</i> , 2021 , 9, 322	3.2	1
122	A practical strategy to subcutaneous administered gelling co-delivery system of arsenic and retinoic acid for the treatment of acute promyelocytic leukemia. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021 , 16, 633-642	9	
121	Discovery of an α -Substituted α -Cyclopropylmethyl-7-phenyl-6,14-endoethanotetrahydronorthebaine as a Selective, Potent, and Orally Active μ Opioid Receptor Agonist with an Improved Central Nervous System Safety Profile. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 12414-12433	8.3	1
120	Stimuli-Sheddable Nanomedicine Overcoming Pathophysiological Barriers for Potentiating Immunotherapy of Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2021 , 17, 1486-1509	4	0
119	Macrophage-biomimetic anti-inflammatory liposomes for homing and treating of aortic dissection. <i>Journal of Controlled Release</i> , 2021 , 337, 224-235	11.7	4
118	Simultaneous determination of skimmin, apiosylskimmin, 7-hydroxycoumarin and 7-hydroxycoumarin glucuronide in rat plasma by liquid chromatography-Orbitrap mass spectrometry and its application to pharmacokinetics. <i>Biomedical Chromatography</i> , 2021 , e5223	1.7	0
117	Molecular cloning and biochemical characterization of a new coumarin glycosyltransferase CtUGT1 from <i>Cistanche tubulosa</i> . <i>Fitoterapia</i> , 2021 , 153, 104995	3.2	1
116	Novel selective μ agonists SLL-039 and SLL-1206 produce potent antinociception with fewer sedation and aversion. <i>Acta Pharmacologica Sinica</i> , 2021 ,	8	1
115	Protective role of sirtuin3 against oxidative stress and NLRP3 inflammasome in cholesterol accumulation and foam cell formation of macrophages with ox-LDL-stimulation. <i>Biochemical Pharmacology</i> , 2021 , 192, 114665	6	8
114	Identification of 3, 4-disubstituted pyridine derivatives as novel CDK8 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021 , 223, 113634	6.8	2
113	Photoactivatable nanogenerators of reactive species for cancer therapy. <i>Bioactive Materials</i> , 2021 , 6, 4301-4318	16.7	7
112	Oleanolic acid inhibits the migration and invasion of hepatocellular carcinoma cells by promoting microRNA-122 expression. <i>Die Pharmazie</i> , 2021 , 76, 422-427	1.5	0
111	An in vitro Förster resonance energy transfer-based high-throughput screening assay identifies inhibitors of SUMOylation E2 Ubc9. <i>Acta Pharmacologica Sinica</i> , 2020 , 41, 1497-1506	8	1
110	Simultaneous determination of nineteen compounds of Dahuang zhechong pill in rat plasma by UHPLC-MS/MS and its application in a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1151, 122200	3.2	4
109	Nectin-like molecule 2, a necessary sexual maturation regulator, participates in congenital hypogonadotropic hypogonadism. <i>Gene</i> , 2020 , 754, 144885	3.8	0
108	Endoscopic resection techniques for squamous premalignant lesions and early carcinoma of the esophagus: ER-Cap, MBM, and ESD, how do we choose? A multicenter experience. <i>Therapeutic Advances in Gastroenterology</i> , 2020 , 13, 1756284820909172	4.7	2
107	Cell-penetrating corosolic acid liposome as a functional carrier for delivering chemotherapeutic drugs. <i>Acta Biomaterialia</i> , 2020 , 106, 301-313	10.8	9

106	Molecular architecture of the acetohydroxyacid synthase holoenzyme. <i>Biochemical Journal</i> , 2020 , 477, 2439-2449	3.8	4
105	Identification of the absorbed components and metabolites of Xiao-Ai-Jie-Du decoction and their distribution in rats using ultra high-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 179, 112984	3.5	6
104	Fabrication and application of zwitterionic phosphorylcholine functionalized monoliths with different hydrophilic crosslinkers in hydrophilic interaction chromatography. <i>Analytica Chimica Acta</i> , 2020 , 1101, 222-229	6.6	9
103	Glyoxalase system: A systematic review of its biological activity, related-diseases, screening methods and small molecule regulators. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 131, 110663	7.5	20
102	Enzymatic synthesis of 2-hydroxy-4-quinolizin-4-one scaffolds by integrating coenzyme a ligases and a type III PKS from .. <i>RSC Advances</i> , 2020 , 10, 23566-23572	3.7	3
101	Iron-Based Theranostic Nanoplatfom for Improving Chemodynamic Therapy of Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 4834-4845	5.5	24
100	Simultaneous quantification of two active compounds in raw and honey-processed Radix Astragali by high-performance thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020 , 33, 321-326	0.9	3
99	Deciphering the Biosynthetic Mechanism of Pelletierine in Alkaloid Biosynthesis. <i>Organic Letters</i> , 2020 , 22, 8725-8729	6.2	7
98	Rapid preparation of 1-vinylimidazole based non-affinity polymers for the highly-selective purification of antibodies from multiple biological sources. <i>Journal of Chromatography A</i> , 2020 , 1632, 461607	4.5	1
97	Untargeted Metabolomics Profiling and Global Semi-quantitation of a Prescription Chinese Herbal Medicine Formula Yinqiaosan Using UPLC-QTOF-MS with a Single Exogenous Reference Internal Standard. <i>Planta Medica International Open</i> , 2020 , 07, e45-e57	0.8	0
96	Two new diterpenoids from MT-12, an endophytic fungus isolated from. <i>Natural Product Research</i> , 2020 , 1-8	2.3	4
95	Efficiency of Different Treatment Regimens Combining Anti-tumor and Anti-inflammatory Liposomes for Metastatic Breast Cancer. <i>AAPS PharmSciTech</i> , 2020 , 21, 259	3.9	5
94	Synergistic antitumor effects of rhein and doxorubicin in hepatocellular carcinoma cells. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 4009-4021	4.7	5
93	Stimuli-activatable nanomedicines for chemodynamic therapy of cancer. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1614	9.2	29
92	Lignan Glycosides from. <i>Molecules</i> , 2019 , 24,	4.8	1
91	Pharmacokinetic/pharmacodynamic modelling of effective components of Fangji Huangqi Tang for its treatment of nephrotic syndrome. <i>New Journal of Chemistry</i> , 2019 , 43, 338-347	3.6	2
90	Cell Permeable NBD Peptide-Modified Liposomes by Hyaluronic Acid Coating for the Synergistic Targeted Therapy of Metastatic Inflammatory Breast Cancer. <i>Molecular Pharmaceutics</i> , 2019 , 16, 1140-1155	5.6	34
89	Structure of the heterophilic interaction between the nectin-like 4 and nectin-like 1 molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2068-2077	11.5	5

88	Pyrrole 2-carbaldehyde derived alkaloids from the roots of <i>Angelica dahurica</i> . <i>Journal of Natural Medicines</i> , 2019 , 73, 769-776	3.3	5
87	Diagnosis and Treatment of Adrenocortical Oncocytoma: Case Report of Five Cases and Review of the Literature. <i>Frontiers in Oncology</i> , 2019 , 9, 338	5.3	3
86	A Facile Solution Combustion and Gel Calcination Process for the Preparation of Magnetic MnFe ₂ O ₄ Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 5790-5795	1.3	5
85	Identification of a UDP-Glucosyltransferase favouring substrate- and regio-specific biosynthesis of flavonoid glucosides in <i>Cyclocarya paliurus</i> . <i>Phytochemistry</i> , 2019 , 163, 75-88	4	6
84	Crystal structures of rhamnosyltransferase UGT89C1 from <i>Arabidopsis thaliana</i> reveal the molecular basis of sugar donor specificity for UDP- β -rhamnose and rhamnosylation mechanism. <i>Plant Journal</i> , 2019 , 99, 257-269	6.9	19
83	Adsorption Performance of Methyl Blue onto Magnetic Ni _{1-x} Cu _x Zn _x Fe ₂ O ₄ Nanoparticles Prepared by A Novel Alcohol-Assisted Combustion Method. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019 , 29, 1755-1766	3.2	14
82	Polyketides from <i>Alternaria alternata</i> MT-47, an endophytic fungus isolated from <i>Huperzia serrata</i> . <i>Fitoterapia</i> , 2019 , 137, 104282	3.2	8
81	Lycopodium alkaloids from <i>Huperzia serrata</i> . <i>Fitoterapia</i> , 2019 , 137, 104277	3.2	4
80	Development of an UHPLC-MS/MS method for comparative pharmacokinetics of nine anthraquinones in rats and application to dosage conversion between different Semen Cassiae forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 696-706	3.5	11
79	Screening for Potential Active Components of Fangji Huangqi Tang on the Treatment of Nephrotic Syndrome by Using Integrated Metabolomics Based on "Correlations Between Chemical and Metabolic Profiles". <i>Frontiers in Pharmacology</i> , 2019 , 10, 1261	5.6	10
78	Comparative Study on Pharmacokinetics of Four Active Compounds in Rat Plasma after Oral Administration of Raw and Wine Processed Chuanxiong Rhizoma. <i>Molecules</i> , 2019 , 25,	4.8	9
77	Discovery of a Highly Selective and Potent μ Opioid Receptor Agonist from -Cyclopropylmethyl-7 β -phenyl-6,14-endoethanotetrahydronorthebaines with Reduced Central Nervous System (CNS) Side Effects Navigated by the Message-Address Concept. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 11051-11070	8.3	7
76	Overexpression, purification, biochemical and structural characterization of rhamnosyltransferase UGT89C1 from <i>Arabidopsis thaliana</i> . <i>Protein Expression and Purification</i> , 2019 , 156, 44-49	2	2
75	Removal of Congo Red by Magnetic MnFe ₂ O ₄ Nanosheets Prepared via a Facile Combustion Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 2702-2709	1.3	3
74	A rapid combustion process for the preparation of Ni _x Cu _(1-x) Fe ₂ O ₄ nanoparticles and their adsorption characteristics of methyl blue. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	17
73	Adsorption characteristics of methyl blue onto magnetic Mn _{0.5} Co _{0.5} Fe ₂ O ₄ nanoparticles prepared via a rapid combustion process. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, S277-S287	2.5	17
72	Development of a Population Pharmacokinetic Model of Vancomycin and its Application in Chinese Geriatric Patients with Pulmonary Infections. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019 , 44, 361-370	2.7	6
71	Rhein reverses doxorubicin resistance in SMMC-7721 liver cancer cells by inhibiting energy metabolism and inducing mitochondrial permeability transition pore opening. <i>BioFactors</i> , 2019 , 45, 85-96	6.1	20

70	Emodin attenuates cell injury and inflammation in pancreatic acinar AR42J cells. <i>Journal of Asian Natural Products Research</i> , 2019 , 21, 186-195	1.5	9
69	Megastigmane glycosides from <i>Urena lobata</i> . <i>Fitoterapia</i> , 2018 , 127, 123-128	3.2	2
68	Aspirin Reduces Cardiac Interstitial Fibrosis by Inhibiting Erk1/2-Serpine2 and P-Akt Signalling Pathways. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 1955-1965	3.9	7
67	HO and NADPH oxidases involve in regulation of 2-(2-phenylethyl)chromones accumulation during salt stress in <i>Aquilaria sinensis</i> calli. <i>Plant Science</i> , 2018 , 269, 1-11	5.3	8
66	Spectrum-effect relationship analysis by binary chromatographic fingerprint to identify components responsible for the antibacterial activity of the essential oil from <i>Curcumae wenyujin</i> . <i>International Journal of Food Properties</i> , 2018 , 21, 546-556	3	2
65	Effects of Dahuang zhechong pill on doxorubicin-resistant SMMC-7721 xenografts in mice. <i>Journal of Ethnopharmacology</i> , 2018 , 222, 71-78	5	14
64	Cell culture establishment and regulation of two phenylethanoid glycosides accumulation in cell suspension culture of desert plant <i>Cistanche tubulosa</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2018 , 134, 107-118	2.7	7
63	7-Methyl substituent is a structural locus associated with activity cliff for nepenthone analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 4254-4263	3.4	6
62	A high-throughput method for screening of L-tyrosine high-yield strains by <i>Saccharomyces cerevisiae</i> . <i>Journal of General and Applied Microbiology</i> , 2018 , 64, 198-201	1.5	7
61	SNX17 produces anti-arrhythmic effects by preserving functional SERCA2a protein in myocardial infarction. <i>International Journal of Cardiology</i> , 2018 , 272, 298-305	3.2	8
60	Development of an analytical strategy to identify and classify the global chemical constituents of <i>Ziziphi Spinosae Semen</i> by using UHPLC with quadrupole time-of-flight mass spectrometry combined with multiple data-processing approaches. <i>Journal of Separation Science</i> , 2018 , 41, 3389-3396	3.4	10
59	Production of 2-(2-phenylethyl)chromones in <i>Aquilaria sinensis</i> calli under different treatments. <i>Plant Cell, Tissue and Organ Culture</i> , 2018 , 135, 53-62	2.7	4
58	Oxidative phosphorylation activation is an important characteristic of DOX resistance in hepatocellular carcinoma cells. <i>Cell Communication and Signaling</i> , 2018 , 16, 6	7.5	7
57	Study on spectrum-effect correlation for screening the effective components in Fangji Huangqi Tang basing on ultra-high performance liquid chromatography-mass spectrometry. <i>Phytomedicine</i> , 2018 , 47, 81-92	6.5	17
56	A regiospecific rhamnosyltransferase from <i>Epimedium pseudowushanense</i> catalyzes the 3-O-rhamnosylation of prenylflavonols. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 452-458	3.9	13
55	Experimental study on the effect of An-pressing and Rou-kneading Huantiao (GB 30) on certain brain nuclei of pleasure circuits in rats with chronic neuralgia. <i>Journal of Acupuncture and Tuina Science</i> , 2018 , 16, 360-369	0.4	
54	Optimization of Citrate-Gel Preparation Process for Magnetic Ni-Zn Ferrite Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 2838-2843	1.3	4
53	Simultaneous Quantification of Six Bioactive Components in Decoction of <i>Ziziphi spinosae Semen</i> Using Ultrahigh Performance Liquid Chromatography Coupled with Triple-Quadrupole Mass Spectrometry. <i>Journal of Analytical Methods in Chemistry</i> , 2018 , 2018, 8397818	2	4

52	A rapid and sensitive LC-MS/MS method for quantitative analysis of cardioplin (18:2) in human leukocytes and mouse skeletal muscles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 386-394	3.5	3
51	Identification and functional application of a new malonyltransferase NbMaT1 towards diverse aromatic glycosides from <i>Nicotiana benthamiana</i> . <i>RSC Advances</i> , 2017 , 7, 21028-21035	3.7	4
50	UHPLC-MS/MS method for the simultaneous quantitation of five anthraquinones and gallic acid in rat plasma after oral administration of prepared rhubarb decoction and its application to a pharmacokinetic study in normal and acute blood stasis rats. <i>Journal of Separation Science</i> , 2017 , 40, 2382-2389	3.4	21
49	Programmed death-ligand 1 is prognostic factor in esophageal squamous cell carcinoma and is associated with epidermal growth factor receptor. <i>Cancer Science</i> , 2017 , 108, 590-597	6.9	27
48	Identification and functional characterization of three type III polyketide synthases from <i>Aquilaria sinensis</i> calli. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 486, 1040-1047	3.4	14
47	Molecular insights into the enzyme promiscuity of an aromatic prenyltransferase. <i>Nature Chemical Biology</i> , 2017 , 13, 226-234	11.7	68
46	Nitric oxide inhibitory polyketides from <i>Penicillium chrysogenum</i> MT-12, an endophytic fungus isolated from <i>Huperzia serrata</i> . <i>Phytotherapy</i> , 2017 , 123, 35-43	3.2	16
45	3,5-Dimethylorsellinic Acid Derived Meroterpenoids from <i>Penicillium chrysogenum</i> MT-12, an Endophytic Fungus Isolated from <i>Huperzia serrata</i> . <i>Journal of Natural Products</i> , 2017 , 80, 2699-2707	4.9	32
44	Induction of PD-L1 expression by epidermal growth factor receptor-mediated signaling in esophageal squamous cell carcinoma. <i>OncoTargets and Therapy</i> , 2017 , 10, 763-771	4.4	34
43	Hippocampal TERT Regulates Spatial Memory Formation through Modulation of Neural Development. <i>Stem Cell Reports</i> , 2017 , 9, 543-556	8	19
42	Oxazole-Containing Diterpenoids from Cell Cultures of <i>Salvia miltiorrhiza</i> and Their Anti-HIV-1 Activities. <i>Journal of Natural Products</i> , 2017 , 80, 3241-3246	4.9	21
41	Dahuang Zhechong Pill Combined with Doxorubicin Induces Cell Death through Regulating Energy Metabolism in Human Hepatocellular Carcinoma Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 6279576	2.3	7
40	Expanded investigations of the aglycon promiscuity and catalysis characteristic of flavonol 3-O-rhamnosyltransferase AtUGT78D1 from <i>Arabidopsis thaliana</i> . <i>RSC Advances</i> , 2016 , 6, 84616-84626	3.7	13
39	Salinity stress induces the production of 2-(2-phenylethyl)chromones and regulates novel classes of responsive genes involved in signal transduction in <i>Aquilaria sinensis</i> calli. <i>BMC Plant Biology</i> , 2016 , 16, 119	5.3	24
38	Ultra-performance liquid chromatography-tandem mass spectrometric assay for the simultaneous determination of brucine, strychnine and brucine N-oxide in rat plasma: application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2016 , 30, 1097-1103	1.7	6
37	Identification of a new curcumin synthase from ginger and construction of a curcuminoid-producing unnatural fusion protein diketide-CoA synthase::curcumin synthase. <i>RSC Advances</i> , 2016 , 6, 12519-12524	3.7	7
36	Home-made online hyphenation of pressurized liquid extraction, turbulent flow chromatography, and high performance liquid chromatography, <i>Cistanche deserticola</i> as a case study. <i>Journal of Chromatography A</i> , 2016 , 1438, 189-97	4.5	20
35	An integrated strategy to quantitatively differentiate chemome between <i>Cistanche deserticola</i> and <i>C. tubulosa</i> using high performance liquid chromatography-hybrid triple quadrupole-linear ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1429, 238-47	4.5	44

34	Validation and Application of an Ultra High-Performance Liquid Chromatography Tandem Mass Spectrometry Method for Yuanhuacine Determination in Rat Plasma after Pulmonary Administration: Pharmacokinetic Evaluation of a New Drug Delivery System. <i>Molecules</i> , 2016 , 21,	4.8	2
33	Evaluation of the Influence of Sulfur-Fumigated Paeoniae Radix Alba on the Quality of Si Wu Tang by Chromatographic and Chemometric Analysis. <i>Journal of Analytical Methods in Chemistry</i> , 2016 , 2016, 8358609	2	3
32	Development and Validation of an UHPLC-QqQ-MS Technique for Simultaneous Determination of Ten Bioactive Components in Fangji Huangqi Tang. <i>Journal of Analytical Methods in Chemistry</i> , 2016 , 2016, 1435106	2	5
31	Five 2-(2-Phenylethyl)chromones from Sodium Chloride-Elicited <i>Aquilaria sinensis</i> Cell Suspension Cultures. <i>Molecules</i> , 2016 , 21,	4.8	3
30	Synthesis of Unnatural 2-Substituted Quinolones and 1,3-Diketones by a Member of Type III Polyketide Synthases from <i>Huperzia serrata</i> . <i>Organic Letters</i> , 2016 , 18, 3550-3	6.2	19
29	Profiling and analysis of multiple compounds in rhubarb decoction after processing by wine steaming using UHPLC-Q-TOF-MS coupled with multiple statistical strategies. <i>Journal of Separation Science</i> , 2016 , 39, 3081-90	3.4	35
28	A metabolomics approach to study the dual modulation by characterization of chemical alteration during processing of <i>Gardeniae Fructus</i> using UPLC-ESI-QTOF. <i>Analytical Methods</i> , 2016 , 8, 3629-3635	3.2	4
27	Bioactivity evaluation-based ultra high-performance liquid chromatography coupled with electrospray ionization tandem quadrupole-time-of-flight mass spectrometry and novel distinction of multi-subchemome compatibility recognition strategy with <i>Astragali Radix-Fructus Corni</i>	3.5	12
26	Expression, purification, crystallization and crystallographic study of the <i>Aspergillus terreus</i> aromatic prenyltransferase AtaPT. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015 , 71, 889-94	1.1	4
25	Ultra-high-performance liquid chromatography-quadrupole/time of flight mass spectrometry combined with statistical analysis for rapidly revealing the influence of sulfur-fumigated <i>Paeoniae Radix Alba</i> on the chemical constituents of Si Wu Tang. <i>Analytical Methods</i> , 2015 , 7, 9442-9451	3.2	10
24	Activation of AMPA receptor promotes TNF- α release via the ROS-cSrc-NFB signaling cascade in RAW264.7 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 275-80	3.4	13
23	Rapid preparation of (methyl)malonyl coenzyme A and enzymatic formation of unusual polyketides by type III polyketide synthase from <i>Aquilaria sinensis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1279-83	2.9	9
22	Screening and identification of multiple constituents and their metabolites of Fangji Huangqi Tang in rats by ultra-high performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry basing on coupling data processing techniques. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 935, 11-28	3.2	34
21	Simultaneous quantification of chrysophanol and physcion in rat plasma by ultra fast liquid chromatography-tandem mass spectrometry and application of the technique to comparative pharmacokinetic studies of <i>Radix et Rhei Rhizoma</i> extract alone and Dahuang Fuzi Decoction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 938, 68-93	3.2	17
20	Combinatorial Synthesis of Flavonoids and 4-Hydroxy-Lactones by Plant-Originated Enzymes. <i>Chinese Journal of Organic Chemistry</i> , 2015 , 35, 1052	3	5
19	Highly Stereoselective Nucleophilic Addition of Difluoromethyl-2-pyridyl Sulfone to Sugar Lactones and Efficient Synthesis of Fluorinated 2-Ketoses. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6150-6154	3.2	13
18	Epidermal growth factor receptor is a prognosis predictor in patients with esophageal squamous cell carcinoma. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 513-9	2.7	39
17	1,2-Tans-1-dihydroxyboryl benzyl S-glycoside as glycosyl donor. <i>Carbohydrate Research</i> , 2014 , 398, 45-9	2.9	6

16	Development and validation of a HPLC-UV-ESI-MS method for the simultaneous quantitation of ten bioactive compounds in Dahuang Fuzi Tang. <i>Chinese Journal of Natural Medicines</i> , 2014 , 12, 952-60	2.8	2
15	Comparative pharmacokinetics studies of benzoylhyaconine, benzoylmesaconine, benzoylaconine and hyaconitine in rats by LC-MS method after administration of Radix Aconiti Lateralis Praeparata extract and Dahuang Fuzi Decoction. <i>Biomedical Chromatography</i> , 2014 , 28, 966-73	1.7	14
14	Novel characterization of Radix Angelicae Dahuricae before and after the sulfur-fumigation process by combining high performance liquid chromatographic fingerprint and multi-ingredients determination. <i>Pharmacognosy Magazine</i> , 2014 , 10, 338-45	0.8	4
13	Multi-component analysis in sun-dried and sulfur-fumigated Angelicae Sinensis Radix by single marker quantitation and chemometric discrimination. <i>Pharmacognosy Magazine</i> , 2014 , 10, S189-97	0.8	7
12	Analysis of the influence of sulfur-fumigation on the volatile components of Angelicae sinensis Radix by comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry. <i>Pharmacognosy Magazine</i> , 2014 , 10, 304-13	0.8	2
11	Element analysis and characteristic identification of non-fumigated and sulfur-fumigated Fritillaria thunbergii Miq. using microwave digestion-inductively coupled plasma atomic emission spectrometry combined with Fourier transform infrared spectrometry. <i>Pharmacognosy Magazine</i> , 2014 , 10, 633-6	0.8	11
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