List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Saponins in the genus Panax L. (Araliaceae): A systematic review of their chemical diversity. Phytochemistry, 2014, 106, 7-24.	2.9	247
2	A green protocol for efficient discovery of novel natural compounds: Characterization of new ginsenosides from the stems and leaves of Panax ginseng as a case study. Analytica Chimica Acta, 2015, 893, 65-76.	5.4	107
3	Quality assessment of herbal medicines based on chemical fingerprints combined with chemometrics approach: A review. Journal of Pharmaceutical and Biomedical Analysis, 2020, 185, 113215.	2.8	100
4	Nontargeted metabolomic analysis and "commercial-homophyletic―comparison-induced biomarkers verification for the systematic chemical differentiation of five different parts of Panax ginseng. Journal of Chromatography A, 2016, 1453, 78-87.	3.7	93
5	An in-source multiple collision-neutral loss filtering based nontargeted metabolomics approach for the comprehensive analysis of malonyl-ginsenosides from Panax ginseng , P.Âquinquefolius , and P.Ânotoginseng. Analytica Chimica Acta, 2017, 952, 59-70.	5.4	87
6	ldentification and differentiation of Panax ginseng, Panax quinquefolium, and Panax notoginseng by monitoring multiple diagnostic chemical markers. Acta Pharmaceutica Sinica B, 2016, 6, 568-575.	12.0	85
7	An intelligentized strategy for endogenous small molecules characterization and quality evaluation of earthworm from two geographic origins by ultra-high performance HILIC/QTOF MSE and Progenesis QI. Analytical and Bioanalytical Chemistry, 2016, 408, 3881-3890.	3.7	81
8	Quality transitivity and traceability system of herbal medicine products based on quality markers. Phytomedicine, 2018, 44, 247-257.	5.3	80
9	An enhanced targeted identification strategy for the selective identification of flavonoid O -glycosides from Carthamus tinctorius by integrating offline two-dimensional liquid chromatography/linear ion-trap-Orbitrap mass spectrometry, high-resolution diagnostic product ions/neutral loss filtering and liquid chromatography-solid phase extraction-nuclear magnetic	3.7	70
10	Traditional Chinese medicine (TCM) as a source of new anticancer drugs. Natural Product Reports, 2021, 38, 1618-1633.	10.3	68
11	Global profiling combined with predicted metabolites screening for discovery of natural compounds: Characterization of ginsenosides in the leaves of Panax notoginseng as a case study. Journal of Chromatography A, 2018, 1538, 34-44.	3.7	67
12	Simultaneously targeted and untargeted multicomponent characterization of Erzhi Pill by offline two-dimensional liquid chromatography/quadrupole-Orbitrap mass spectrometry. Journal of Chromatography A, 2019, 1584, 87-96.	3.7	63
13	Insight into chemical basis of traditional Chinese medicine based on the state-of-the-art techniques of liquid chromatographyâ^'mass spectrometry. Acta Pharmaceutica Sinica B, 2021, 11, 1469-1492.	12.0	59
14	Simultaneous quantitation of five Panax notoginseng saponins by multi heart-cutting two-dimensional liquid chromatography: Method development and application to the quality control of eight Notoginseng containing Chinese patent medicines. Journal of Chromatography A, 2015, 1402, 71-81.	3.7	58
15	Activity-guided isolation of NF-κB inhibitors and PPARÎ <sup>3</sup> agonists from the root bark of Lycium chinense Miller. Journal of Ethnopharmacology, 2014, 152, 470-477.	4.1	57
16	Malonylginsenosides with Potential Antidiabetic Activities from the Flower Buds of <i>Panax ginseng</i> . Journal of Natural Products, 2017, 80, 899-908.	3.0	55
17	TCM-based new drug discovery and development in China. Chinese Journal of Natural Medicines, 2014, 12, 241-250.	1.3	53
18	HPLC/qTOF-MS-oriented characteristic components data set and chemometric analysis for the holistic quality control of complex TCM preparations: Niuhuang Shangqing pill as an example. Journal of Pharmaceutical and Biomedical Analysis. 2014. 89. 130-141.	2.8	43

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19	Exploring lipid markers of the quality of coix seeds with different geographical origins using supercritical fluid chromatography mass spectrometry and chemometrics. Phytomedicine, 2018, 45, 1-7.	5.3	38
20	Venenum bufonis: An overview of its traditional use, natural product chemistry, pharmacology, pharmacology, pharmacology, 2019, 237, 215-235.	4.1	38
21	A novel hybrid scan approach enabling the ion-mobility separation and the alternate data-dependent and data-independent acquisitions (HDDIDDA): Its combination with off-line two-dimensional liquid chromatography for comprehensively characterizing the multicomponents from Compound Danshen Dripping Pill. Analytica Chimica Acta. 2022. 1193. 339320.	5.4	38
22	Recent advances in chemical analysis of licorice (Gan-Cao). Fìtoterapìâ, 2021, 149, 104803.	2.2	36
23	A novel neutral loss/product ion scan-incorporated integral approach for the untargeted characterization and comparison of the carboxyl-free ginsenosides from Panax ginseng, Panax quinquefolius, and Panax notoginseng. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112813.	2.8	34
24	Highly selective monitoring of in-source fragmentation sapogenin product ions in positive mode enabling group-target ginsenosides profiling and simultaneous identification of seven Panax herbal medicines. Journal of Chromatography A, 2020, 1618, 460850.	3.7	34
25	A reproducible analytical system based on the multi-component analysis of triterpene acids in Ganoderma lucidum. Phytochemistry, 2015, 114, 146-154.	2.9	31
26	A strategy for fast screening and identification of sulfur derivatives in medicinal Pueraria species based on the fine isotopic pattern filtering method using ultra-high-resolution mass spectrometry. Analytica Chimica Acta, 2015, 894, 44-53.	5.4	29
27	Four New Lanostane Triterpenoids fromEuphorbia humifusa. Helvetica Chimica Acta, 2007, 90, 2245-2250.	1.6	28
28	Deeper Chemical Perceptions for Better Traditional Chinese Medicine Standards. Engineering, 2019, 5, 83-97.	6.7	27
29	New triterpenic acids from Uncaria rhynchophylla: Chemistry, NO-inhibitory activity, and tandem mass spectrometric analysis. Fìtoterapìâ, 2014, 96, 39-47.	2.2	25
30	TXNIP/TRX/NF-κB and MAPK/NF-κB pathways involved in the cardiotoxicity induced by Venenum Bufonis in rats. Scientific Reports, 2016, 6, 22759.	3.3	24
31	Multi-level fingerprinting and cardiomyocyte protection evaluation for comparing polysaccharides from six Panax herbal medicines. Carbohydrate Polymers, 2022, 277, 118867.	10.2	24
32	Cytotoxic sesquiterpene lactone dimers isolated from Inula japonica. Fìtoterapìâ, 2015, 101, 218-223.	2.2	23
33	Cytotoxic cucurbitane triterpenoids isolated from the rhizomes of Hemsleya amabilis. Fìtoterapìâ, 2014, 94, 88-93.	2.2	21
34	Three New Cyclolanostane Triterpenoids from the Ethanol Extract of the Stems ofKadsura heteroclita. Helvetica Chimica Acta, 2006, 89, 1888-1893.	1.6	19
35	Colon-derived uremic biomarkers induced by the acute toxicity of Kansui radix: A metabolomics study of rat plasma and intestinal contents by UPLC-QTOF-MS E. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1026, 193-203.	2.3	19
36	An enhanced strategy integrating offline superimposed two-dimensional separation with mass defect filter and diagnostic ion filter: Comprehensive characterization of steroid alkaloids in Fritillariae Pallidiflorae Bulbus as a case study. Journal of Chromatography A, 2021, 1643, 462029.	3.7	19

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37	Spatial lipidomics of eight edible nuts by desorption electrospray ionization with ion mobility mass spectrometry imaging. Food Chemistry, 2022, 371, 130893.	8.2	19
38	Characterization of a small-molecule inhibitor targeting NEMO/IKKβ to suppress colorectal cancer growth. Signal Transduction and Targeted Therapy, 2022, 7, 71.	17.1	19
39	New cytotoxic 19-norbufadienolide and bufogargarizin isolated from Chan Su. Fìtoterapìâ, 2015, 104, 1-6.	2.2	18
40	An efficient and target-oriented sample enrichment method for preparative separation of minor alkaloids by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2015, 1409, 159-165.	3.7	18
41	Anticonvulsant and sedative–hypnotic activity screening of pearl and nacre (mother of pearl). Journal of Ethnopharmacology, 2016, 181, 229-235.	4.1	17
42	Exploring the protective effects of Danqi Tongmai tablet on acute myocardial ischemia rats by comprehensive metabolomics profiling. Phytomedicine, 2020, 74, 152918.	5.3	17
43	A Highly Rearranged Pentaprenylxanthonoid from the Resin of <i>Garcinia hanburyi</i> . Helvetica Chimica Acta, 2010, 93, 1395-1400.	1.6	16
44	Discriminatory Components Retracing Strategy for Monitoring the Preparation Procedure of Chinese Patent Medicines by Fingerprint and Chemometric Analysis. PLoS ONE, 2015, 10, e0121366.	2.5	15
45	Chemical profiling of Huashi Baidu prescription, an effective anti-COVID-19 TCM formula, by UPLC-Q-TOF/MS. Chinese Journal of Natural Medicines, 2021, 19, 473-480.	1.3	15
46	Rapid preparative isolation of a new phenylpropanoid glycoside and four minor compounds from <i><scp>S</scp>parganium stoloniferum</i> using highâ€speed counterâ€current chromatography as a fractionation tool. Journal of Separation Science, 2012, 35, 1160-1166.	2.5	14
47	Anti-proliferation activity of terpenoids isolated from Euphorbia kansui in human cancer cells and their structure-activity relationship. Chinese Journal of Natural Medicines, 2017, 15, 766-774.	1.3	14
48	Systematic characterization of chemical constituents in Mahuang decoction by UHPLC tandem linear ion trapâ€Orbitrap mass spectrometry coupled with featureâ€based molecular networking. Journal of Separation Science, 2021, 44, 2717-2727.	2.5	14
49	Neutral Loss Ion Mapping Experiment Combined with Precursor Mass List and Dynamic Exclusion for Screening Unstable Malonyl Glucoside Conjugates. Journal of the American Society for Mass Spectrometry, 2016, 27, 99-107.	2.8	13
50	Phenylpropanoidâ€6ubstituted Catechins and Epicatechins from <i>Smilax china</i> . Helvetica Chimica Acta, 2007, 90, 1751-1757.	1.6	12
51	Ambiguanine A–G, hexahydrobenzophenanthridine alkaloids from Corydalis ambigua var. amurensis. Phytochemistry, 2014, 105, 158-163.	2.9	12
52	New monoterpenoid oxindole alkaloid derivatives from the stems of Uncaria hirsuta Havil. and their cytotoxicity and tandem mass spectrometric fragmentation. FĬtoterapĬĢ, 2017, 116, 85-92.	2.2	12
53	A feasible, economical, and accurate analytical method for simultaneous determination of six alkaloid markers in Aconiti Lateralis Radix Praeparata from different manufacturing sources and processing ways. Chinese Journal of Natural Medicines, 2017, 15, 301-309.	1.3	11
54	Quantitative analysis of fourteen bufadienolides in Venenum Bufonis crude drug and its Chinese patent medicines by ultra-high performance liquid chromatography coupled with tandem mass spectrometry. Journal of Ethnopharmacology, 2020, 251, 112490.	4.1	11

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55	Profiling and identification of metabolites of isorhynchophylline in rats by ultra high performance liquid chromatography and linear ion trap Orbitrap mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 147-156.	2.3	10
56	Rapid profiling of polymeric phenolic acids in <i>Salvia miltiorrhiza</i> by hybrid dataâ€dependent/targeted multistage mass spectrometry acquisition based on expected compounds prediction and fragment ion searching. Journal of Separation Science, 2018, 41, 1888-1895.	2.5	10
57	Simultaneous determination of resibufogenin and its eight metabolites in rat plasma by LC–MS/MS for metabolic profiles and pharmacokinetic study. Phytomedicine, 2019, 60, 152971.	5.3	10
58	Quantitative imaging of natural products in fine brain regions using desorption electrospray ionization mass spectrometry imaging (DESI-MSI): Uncaria alkaloids as a case study. Analytical and Bioanalytical Chemistry, 2022, 414, 4999-5007.	3.7	10
59	Ultraâ€performance liquid chromatography of amino acids for the quality assessment of pearl powder. Journal of Separation Science, 2015, 38, 1552-1560.	2.5	9
60	Comparative Analysis of Ultrafine Granular Powder and Decoction Pieces of Salvia miltiorrhiza by UPLC-UV-MSn Combined with Statistical Analysis. Planta Medica, 2017, 83, 557-564.	1.3	9
61	Green Quantification Strategy Combined with Chemometric Analysis for Triglycerides in Seeds Used in Traditional Chinese Medicine. Planta Medica, 2018, 84, 457-464.	1.3	9
62	Characteristic Chromatogram: A Method of Discriminate and Quantitative Analysis for Quality Evaluation of Uncaria Stem with Hooks. Planta Medica, 2018, 84, 449-456.	1.3	9
63	An integrated strategy for comprehensive characterization of metabolites and metabolic profiles of bufadienolides from Venenum Bufonis in rats. Journal of Pharmaceutical Analysis, 2022, 12, 136-144.	5.3	9
64	Elucidation of the fragmentation pathways of a complex 3,7- O -glycosyl flavonol by CID, HCD, and PQD on an LTQ-Orbitrap Velos Pro hybrid mass spectrometer. Chinese Journal of Natural Medicines, 2015, 13, 867-872.	1.3	8
65	A Strategy Combining Higher Energy C-Trap Dissociation with Neutral Loss- and Product Ion-Based MSn Acquisition for Global Profiling and Structure Annotation of Fatty Acids Conjugates. Journal of the American Society for Mass Spectrometry, 2017, 28, 443-451.	2.8	8
66	Profiling and identification of aqueous extract of Cordyceps sinensis by ultra-high performance liquid chromatography tandem quadrupole-orbitrap mass spectrometry. Chinese Journal of Natural Medicines, 2019, 17, 631-640.	1.3	8
67	Three new bisflavonols from the seeds of Hovenia dulcis Thunb. and their anti-RSV activities. Fìtoterapìâ, 2020, 143, 104587.	2.2	8
68	Exploration of tissue distribution of ginsenoside Rg1 by LC-MS/MS and nanospray desorption electrospray ionization mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2021, 198, 113999.	2.8	8
69	Simultaneous Quantification of Eight Major Bioactive Phenolic Compounds in Chinese Propolis by High-Performance Liquid Chromatography. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	7
70	Pharmacokinetic Studies of Ganoderic Acids from the Lingzhi or Reishi Medicinal Mushroom, Ganoderma lucidum (Agaricomycetes), by LC-MS/MS. International Journal of Medicinal Mushrooms, 2016, 18, 405-412.	1.5	7
71	Systematic screening and structural characterization of dipeptides using offline 2D LC-LTQ-Orbitrap MS: A case study of Cordyceps sinensis. Journal of Pharmaceutical Analysis, 2022, 12, 263-269.	5.3	7
72	Quantitative Determination of 14 Major Constituents in the Herbal Preparation Luan-Pao-Prescription Using HPLC Coupled with Photodiode Array Detection. Chromatographia, 2007, 66, 267-270.	1.3	6

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73	Traditional Chinese medicine played a crucial role in battling COVID-19. Chinese Herbal Medicines, 2020, 12, 205-206.	3.0	6
74	Structurally diverse diterpenoid alkaloids from the lateral roots of <i>Aconitum carmichaelii</i> Debx. and their anti-tumor activities based on <i>in vitro</i> systematic evaluation and network pharmacology analysis. RSC Advances, 2021, 11, 26594-26606.	3.6	6
75	Characteristic Malonyl Ginsenosides from the Leaves of <i>Panax notoginseng</i> as Potential Quality Markers for Adulteration Detection. Journal of Agricultural and Food Chemistry, 2021, 69, 4849-4857.	5.2	6
76	The inhibitory effect of 225 frequently-used traditional Chinese medicines for CYP3A4 metabolic enzyme by isoform-specific probe. Fìtoterapìâ, 2021, 152, 104858.	2.2	6
77	An enhanced strategy integrating offline two-dimensional separation with data independent acquisition mode and deconvolution: Characterization of metabolites of Uncaria rhynchophylla in rat plasma as a case. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences. 2021. 1181. 122917.	2.3	6
78	Simultaneous Determination of Oxyresveratrol and Resveratrol in Rat Bile and Urine by HPLC after Oral Administration of Smilax china Extract. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	5
79	A systematic strategy integrating solid-phase extraction, full scan range splitting, mass defect filter and precursor ion list for comprehensive metabolite profiling of Danqi Tongmai tablet in rats. Journal of Pharmaceutical and Biomedical Analysis, 2021, 198, 113989.	2.8	5
80	Fast determination of 16 circulating neurotransmitters and their metabolites in plasma samples of spontaneously hypertensive rats intervened with five different Uncaria. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1179, 122856.	2.3	5
81	Quantitative and fingerprint analysis of proanthocyanidins and phenylpropanoids in Cinnamomum verum bark, Cinnamomum cassia bark, and Cassia twig by UPLC combined with chemometrics. European Food Research and Technology, 2021, 247, 2687-2698.	3.3	5
82	Systematic comparison of metabolic differences of Uncaria rhynchophylla in rat, mouse, dog, pig, monkey and human liver microsomes. Analytical and Bioanalytical Chemistry, 2020, 412, 7891-7897.	3.7	4
83	Nontargeted metabolomic analysis and multiple criteria decisionâ€making method induced robust quality markers screening for the authentication of herbal medicines from different origins by taking <i>Ophiopogon japonicus</i> (L. f.) Kerâ€Gawl. as a case study. Journal of Separation Science, 2021, 44, 1440-1451.	2.5	4
84	Scale-Up Preparation of Crocins I and II from Gardeniajasminoides by a Two-Step Chromatographic Approach and Their Inhibitory Activity Against ATP Citrate Lyase. Molecules, 2021, 26, 3137.	3.8	4
85	Plant metabolomics for studying the effect of two insecticides on comprehensive constituents of Lonicerae Japonicae Flos. Chinese Journal of Natural Medicines, 2021, 19, 70-80.	1.3	4
86	LC–DAD Analysis of Six Bioactive Constituents in Rat Urine and Bile after Oral Administration of Luan-Pao-Prescription. Chromatographia, 2008, 67, 325-329.	1.3	3
87	Chemical Analysis of Xueshuantong Lyophilized Powder by LC-MS Profiling. Chinese Herbal Medicines, 2015, 7, 54-61.	3.0	3
88	Analysis of Major Chemical Constituents in Luan-Pao-Prescription Using Liquid Chromatography Coupled with Electrospray Ionization Mass Spectrometry. Natural Product Communications, 2008, 3, 1934578X0800300.	0.5	2
89	Biotransformation of Gambogenic Acid by <i>Chaetomium Globosum</i> CICC 2445. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	2
90	Improved Chromatographic Fingerprinting Combined with Multi-components Quantitative Analysis for Quality Evaluation of <i>Penthorum chinense</i> by UHPLC-DAD. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	2

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91	Development of specific and quantitative methods for the quality control of the polysaccharides from sea-tangle and sargassum. Chinese Journal of Natural Medicines, 2016, 14, 954-960.	1.3	2
92	Software Assisted Multi-Tiered Mass Spectrometry Identification of Compounds in Traditional Chinese Medicine: Dalbergia odorifera as an Example. Molecules, 2022, 27, 2333.	3.8	2
93	Simultaneous determination of cinobufagin and its five metabolites in rat plasma by LC-MS/MS for characterization of metabolic profiles and pharmacokinetic study. Analytical Methods, 2019, 11, 5464-5471.	2.7	1
94	Comparative Analysis of Microbial and Rat Metabolism of the Total Saponins from Panax notoginseng by HPLC-ESI-MS/MS. Natural Product Communications, 2008, 3, 1934578X0800300.	0.5	0
95	Chinese herbal medicines with beneficial effects. Frigid Zone Medicine, 2021, 1, 79-83.	0.3	0