

Wanying Wu

List of Publications by Year in descending order

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56
papers

1,033
citations

471509

17
h-index

477307

29
g-index

56
all docs

56
docs citations

56
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	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 Q1. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3881-3890.	3.7	81
2	Mass defect filtering-oriented classification and precursor ions list-triggered high-resolution mass spectrometry analysis for the discovery of indole alkaloids from <i>Uncaria sinensis</i> . <i>Journal of Chromatography A</i> , 2017, 1516, 102-113.	3.7	70
3	Systematic profiling and comparison of the lipidomes from <i>Panax ginseng</i> , <i>P. quinquefolius</i> , and <i>P. notoginseng</i> by ultrahigh performance supercritical fluid chromatography/high-resolution mass spectrometry and ion mobility-derived collision cross section measurement. <i>Journal of Chromatography A</i> , 2018, 1548, 64-75.	3.7	57
4	An enhanced strategy integrating offline two-dimensional separation and step-wise precursor ion list-based raster-mass defect filter: Characterization of indole alkaloids in five botanical origins of <i>Uncaria Ramulus Cum Uncis</i> as an exemplary application. <i>Journal of Chromatography A</i> , 2018, 1563, 124-134.	3.7	57
5	Method development and application of offline two-dimensional liquid chromatography/quadrupole time-of-flight mass spectrometry-fast data directed analysis for comprehensive characterization of the saponins from <i>Xueshuantong Injection</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 322-332.	2.8	56
6	Selective ion monitoring of quinochalcone C-glycoside markers for the simultaneous identification of <i>Carthamus tinctorius L.</i> in eleven Chinese patent medicines by UHPLC/QTOF MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 510-521.	2.8	43
7	UHPLC-QTOF-MS-based metabolomics approach to compare the saponin compositions of <i>Xueshuantong injection</i> and <i>Xuesaitong injection</i> . <i>Journal of Separation Science</i> , 2017, 40, 834-841.	2.5	40
8	<i>Gastrodia elata Blume</i> Polysaccharides: A Review of Their Acquisition, Analysis, Modification, and Pharmacological Activities. <i>Molecules</i> , 2019, 24, 2436.	3.8	40
9	Direct screening of malonylginsenosides from nine <i>Ginseng</i> extracts by an untargeted profiling strategy incorporating in-source collision-induced dissociation, mass tag, and neutral loss scan on a hybrid linear ion-trap/Orbitrap mass spectrometer coupled to ultra-high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1571, 213-222.	3.7	39
10	Supercritical fluid chromatography for separation and preparation of tautomeric 7-epimeric spiro oxindole alkaloids from <i>Uncaria macrophylla</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 352-360.	2.8	38
11	Selective and comprehensive characterization of the quinochalcone C-glycoside homologs in <i>Carthamus tinctorius L.</i> by offline comprehensive two-dimensional liquid chromatography/LTQ-Orbitrap MS coupled with versatile data mining strategies. <i>RSC Advances</i> , 2016, 6, 495-506.	3.6	30
12	A strategy for establishment of practical identification methods for Chinese patent medicine from systematic multi-component characterization to selective ion monitoring of chemical markers: <i>Shuxiong tablet</i> as a case study. <i>RSC Advances</i> , 2016, 6, 65055-65066.	3.6	28
13	A Network-Based Approach to Explore the Mechanisms of <i>Uncaria Alkaloids</i> in Treating Hypertension and Alleviating Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1766.	4.1	25
14	A high-efficiency strategy integrating offline two-dimensional separation and data post-processing with dereplication: Characterization of bufadienolides in <i>Venenum Bufonis</i> as a case study. <i>Journal of Chromatography A</i> , 2019, 1603, 179-189.	3.7	23
15	A metabolomics strategy for authentication of plant medicines with multiple botanical origins, a case study of <i>Uncariae Rammulus Cum Uncis</i> . <i>Journal of Separation Science</i> , 2020, 43, 1043-1050.	2.5	21
16	Structural Characterization of a Polysaccharide from <i>Gastrodia elata</i> and Its Bioactivity on Gut Microbiota. <i>Molecules</i> , 2021, 26, 4443.	3.8	21
17	Structural characterization of two novel polysaccharides from <i>Gastrodia elata</i> and their effects on <i>Akkermansia muciniphila</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 186, 501-509.	7.5	20
18	Spatial lipidomics of eight edible nuts by desorption electrospray ionization with ion mobility mass spectrometry imaging. <i>Food Chemistry</i> , 2022, 371, 130893.	8.2	19

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19	Proteasome Inhibition Contributed to the Cytotoxicity of Arenobufagin after Its Binding with Na, K-ATPase in Human Cervical Carcinoma HeLa Cells. <i>PLoS ONE</i> , 2016, 11, e0159034.	2.5	19
20	Geographic impact evaluation of the quality of <i>Alismatis Rhizoma</i> by untargeted metabolomics and quantitative assay. <i>Journal of Separation Science</i> , 2018, 41, 839-846.	2.5	18
21	Dissecting the Metabolic Phenotype of the Antihypertensive Effects of Five <i>Uncaria</i> Species on Spontaneously Hypertensive Rats. <i>Frontiers in Pharmacology</i> , 2019, 10, 845.	3.5	17
22	Exploring the protective effects of Danqi Tongmai tablet on acute myocardial ischemia rats by comprehensive metabolomics profiling. <i>Phytomedicine</i> , 2020, 74, 152918.	5.3	17
23	In-depth exploration and comparison of chemical constituents from two <i>Lilium</i> species through offline two-dimensional liquid chromatography combined with multimode acquisition of high-resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1670, 462980.	3.7	17
24	A five-dimensional data collection strategy for multicomponent discovery and characterization in Traditional Chinese Medicine: <i>Gastrodia Rhizoma</i> as a case study. <i>Journal of Chromatography A</i> , 2021, 1653, 462405.	3.7	16
25	Discriminatory Components Retracing Strategy for Monitoring the Preparation Procedure of Chinese Patent Medicines by Fingerprint and Chemometric Analysis. <i>PLoS ONE</i> , 2015, 10, e0121366.	2.5	15
26	Neutral Loss Ion Mapping Experiment Combined with Precursor Mass List and Dynamic Exclusion for Screening Unstable Malonyl Glucoside Conjugates. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 99-107.	2.8	13
27	Comparative <i>in vivo</i> constituents and pharmacokinetic study in rats after oral administration of ultrafine granular powder and traditional decoction slices of Chinese <i>Salvia</i> . <i>Biomedical Chromatography</i> , 2019, 33, e4385.	1.7	11
28	Comprehensive feature-based molecular networking and metabolomics approaches to reveal the differences components in <i>Cinnamomum cassia</i> and <i>Cinnamomum verum</i> . <i>Journal of Separation Science</i> , 2021, 44, 3810-3821.	2.5	11
29	Profiling and identification of metabolites of isorhynchophylline in rats by ultra high performance liquid chromatography and linear ion trap Orbitrap mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 147-156.	2.3	10
30	The profiling of the metabolites of hirsutine in rat by ultra-high performance liquid chromatography coupled with linear ion trap Orbitrap mass spectrometry: An improved strategy for the systematic screening and identification of metabolites in multi-samples <i>in vivo</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 149-157.	2.8	10
31	Rapid profiling of polymeric phenolic acids in <i>Salvia miltiorrhiza</i> by hybrid data-independent/targeted multistage mass spectrometry acquisition based on expected compounds prediction and fragment ion searching. <i>Journal of Separation Science</i> , 2018, 41, 1888-1895.	2.5	10
32	Study on the herb-herb interaction of Danqi Tongmai Tablet based on the pharmacokinetics of twelve notoginsenosides in acute myocardial ischemia and sham rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 52-65.	2.8	10
33	Quantitative imaging of natural products in fine brain regions using desorption electrospray ionization mass spectrometry imaging (DESI-MSI): <i>Uncaria</i> alkaloids as a case study. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4999-5007.	3.7	10
34	Ultra-performance liquid chromatography of amino acids for the quality assessment of pearl powder. <i>Journal of Separation Science</i> , 2015, 38, 1552-1560.	2.5	9
35	Comparative Analysis of Ultrafine Granular Powder and Decoction Pieces of <i>Salvia miltiorrhiza</i> by UPLC-UV-MSn Combined with Statistical Analysis. <i>Planta Medica</i> , 2017, 83, 557-564.	1.3	9
36	Characteristic Chromatogram: A Method of Discriminate and Quantitative Analysis for Quality Evaluation of <i>Uncaria</i> Stem with Hooks. <i>Planta Medica</i> , 2018, 84, 449-456.	1.3	9

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37	Characterization and discrimination of steroidal saponins in <i>Tribulus terrestris</i> L. and its three different aerial parts by chemical profiling with chemometrics analysis. <i>Journal of Separation Science</i> , 2018, 41, 4212-4221.	2.5	9
38	Development and validation of oral chemotherapy self-management scale. <i>BMC Cancer</i> , 2020, 20, 890.	2.6	9
39	Simultaneous Determination of Bufalin and Its Nine Metabolites in Rat Plasma for Characterization of Metabolic Profiles and Pharmacokinetic Study by LC-MS/MS. <i>Molecules</i> , 2019, 24, 1662.	3.8	8
40	Cancer patient management strategy in a Cancer Center of Zhejiang, China during the COVID-19 pandemic. <i>BMC Cancer</i> , 2020, 20, 1194.	2.6	8
41	An integrated strategy for holistic quality identification of Chinese patent medicine: <i>Liuwei Dihuang Pills</i> as a case study. <i>Phytochemical Analysis</i> , 2021, 32, 183-197.	2.4	8
42	Implementation of a Single Quadrupole Mass Spectrometer for Fingerprint Analysis: <i>Venenum bufonis</i> as a Case Study. <i>Molecules</i> , 2018, 23, 3020.	3.8	7
43	Information Entropy-Based Strategy for the Quantitative Evaluation of Extensive Hyperspectral Images to Better Unveil Spatial Heterogeneity in Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2022, 94, 10355-10366.	6.5	7
44	Palladium-catalyzed carbonylative Sonogashira cross-coupling for the synthesis of alkynones with formic acid as the CO source. <i>Monatshefte für Chemie</i> , 2019, 150, 309-315.	1.8	6
45	A new method for the synthesis of chalcone derivatives promoted by PPh ₃ /I ₂ under non-alkaline conditions. <i>Synthetic Communications</i> , 2021, 51, 625-634.	2.1	5
46	Fast determination of 16 circulating neurotransmitters and their metabolites in plasma samples of spontaneously hypertensive rats intervened with five different <i>Uncaria</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122856.	2.3	5
47	Quantitative and fingerprint analysis of proanthocyanidins and phenylpropanoids in <i>Cinnamomum verum</i> bark, <i>Cinnamomum cassia</i> bark, and <i>Cassia</i> twig by UPLC combined with chemometrics. <i>European Food Research and Technology</i> , 2021, 247, 2687-2698.	3.3	5
48	A simple and effective method for identification of <i>Fraxini Cortex</i> from different sources by multi-mode fingerprint combined with chemometrics. <i>Journal of Separation Science</i> , 2022, 45, 788-803.	2.5	5
49	Design, synthesis and anti-tumor activities of carbamate derivatives of cinobufagin. <i>Steroids</i> , 2020, 164, 108749.	1.8	3
50	PPh ₃ /I ₂ -catalyzed one-pot synthesis of 4,6-diarylpyrimidin-2(1H)-ones. <i>Synthetic Communications</i> , 2020, 50, 3661-3668.	2.1	3
51	Synthesis of oleandrin derivatives and their cytotoxic activity. <i>Steroids</i> , 2020, 159, 108650.	1.8	3
52	Simultaneous determination of cinobufagin and its five metabolites in rat plasma by LC-MS/MS for characterization of metabolic profiles and pharmacokinetic study. <i>Analytical Methods</i> , 2019, 11, 5464-5471.	2.7	1
53	Anti-neuroinflammatory activity of Shenqi Fuzheng Injection and its main active constituents. <i>BioScience Trends</i> , 2021, 15, 231-239.	3.4	1
54	Restoring perturbed oxylipins with Danqi Tongmai Tablet attenuates acute myocardial infarction. <i>Phytomedicine</i> , 2021, 90, 153616.	5.3	1

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55	An unexpected reaction of cinobufagin analogues in the presence of PPh ₃ /I ₂ . Monatshefte für Chemie, 2020, 151, 617-623.	1.8	0
56	Development and preliminary testing of the cancer-related fatigue comprehensive assessment scale in cancer survivors. Journal of Clinical Nursing, 2022, , .	3.0	0