

Yang Wang

List of Publications by Year in descending order

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34
papers

773
citations

567247

15
h-index

526264

27
g-index

34
all docs

34
docs citations

34
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	Current state of the art of mass spectrometry-based metabolomics studies – a review focusing on wide coverage, high throughput and easy identification. <i>RSC Advances</i> , 2015, 5, 78728-78737.	3.6	96
2	Gallic acid, a natural polyphenol, protects against tert-butyl hydroperoxide- induced hepatotoxicity by activating ERK-Nrf2-Keap1-mediated antioxidative response. <i>Food and Chemical Toxicology</i> , 2018, 119, 479-488.	3.6	54
3	Identification of saccharides by using direct analysis in real time (DART) mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2014, 357, 51-57.	1.5	53
4	Rapid identification of traditional Chinese herbal medicine by direct analysis in real time (DART) mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 845, 70-76.	5.4	50
5	An improved pseudotargeted metabolomics approach using multiple ion monitoring with time-staggered ion lists based on ultra-high performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 927, 82-88.	5.4	50
6	UHPLC/Q-TOFMS-based metabolomics for the characterization of cold and hot properties of Chinese materia medica. <i>Journal of Ethnopharmacology</i> , 2016, 179, 234-242.	4.1	43
7	Enhanced MS/MS coverage for metabolite identification in LC-MS-based untargeted metabolomics by target-directed data dependent acquisition with time-staggered precursor ion list. <i>Analytica Chimica Acta</i> , 2017, 992, 67-75.	5.4	41
8	Effect of ginseng polysaccharide on the urinary excretion of type 2 diabetic rats studied by liquid chromatography–mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 907, 7-12.	2.3	40
9	UPLC/Q-TOF-MS-based metabolomics study of the anti-osteoporosis effects of <i>Achyranthes bidentata</i> polysaccharides in ovariectomized rats. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 433-441.	7.5	35
10	Effect of 20(S)-ginsenoside Rg3 on streptozotocin-induced experimental type 2 diabetic rats: a urinary metabolomics study by rapid-resolution liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2683-2689.	1.5	30
11	Integrating metabolomics and network pharmacology to explore the protective effect of gross saponins of <i>Tribulus terrestris</i> L. fruit against ischemic stroke in rat. <i>Journal of Ethnopharmacology</i> , 2020, 263, 113202.	4.1	30
12	GC-MS-Based Metabolomics to Reveal the Protective Effect of Gross Saponins of <i>Tribulus terrestris</i> Fruit against Ischemic Stroke in Rat. <i>Molecules</i> , 2019, 24, 793.	3.8	26
13	Investigating the Protective Effect of Gross Saponins of <i>Tribulus terrestris</i> Fruit against Ischemic Stroke in Rat Using Metabolomics and Network Pharmacology. <i>Metabolites</i> , 2019, 9, 240.	2.9	22
14	Acetaminophen-induced liver injury is attenuated in transgenic fat-1 mice endogenously synthesizing long-chain n-3 fatty acids. <i>Biochemical Pharmacology</i> , 2018, 154, 75-88.	4.4	18
15	Differentiation of Disaccharide Isomers by Temperature-Dependent In-Source Decay (TDISD) and DART-Q-TOF MS/MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1599-1605.	2.8	17
16	Analysis of oligosaccharides from <i>Panax ginseng</i> by using solid-phase permethylation method combined with ultra-high-performance liquid chromatography-Q-Orbitrap/mass spectrometry. <i>Journal of Ginseng Research</i> , 2020, 44, 775-783.	5.7	16
17	Multi-omics analysis of brain tissue metabolome and proteome reveals the protective effect of gross saponins of <i>Tribulus terrestris</i> L. fruit against ischemic stroke in rat. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114280.	4.1	16
18	Fast Screening of Authentic Ginseng Products by Surface Desorption Atmospheric Pressure Chemical Ionization Mass Spectrometry. <i>Planta Medica</i> , 2013, 79, 169-174.	1.3	12

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19	Chemical Differentiation and Quantitative Analysis of Different Types of <i>Panax</i> Genus Stem-Leaf Based on a UPLC-Q-Exactive Orbitrap/MS Combined with Multivariate Statistical Analysis Approach. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-16.	1.6	12
20	An integrated strategy to improve data acquisition and metabolite identification by time-staggered ion lists in UHPLC/Q-TOF MS-based metabolomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 157, 171-179.	2.8	11
21	Spectrum effect relationship between ultra-high performance liquid chromatography fingerprints and antioxidant activities of <i>Lophatherum gracile</i> Brongn. <i>Food Science and Nutrition</i> , 2022, 10, 1592-1601.	3.4	11
22	Metabonomics study on the hot syndrome of traditional Chinese medicine by rapid resolution liquid chromatography combined with quadrupole time-of-flight tandem mass spectrometry. <i>Archives of Pharmacal Research</i> , 2014, 37, 899-906.	6.3	10
23	A Simple Method for Peak Alignment Using Relative Retention Time Related to an Inherent Peak in Liquid Chromatography-Mass Spectrometry-Based Metabolomics. <i>Journal of Chromatographic Science</i> , 2019, 57, 9-16.	1.4	10
24	A METABONOMICS STUDY OF COLORECTAL CANCER BY RRLLC-QTOF/MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 428-438.	1.0	9
25	Clinical data mining reveals Gancao-Banxia as a potential herbal pair against moderate COVID-19 by dual binding to IL-6/STAT3. <i>Computers in Biology and Medicine</i> , 2022, 145, 105457.	7.0	9
26	Application of pseudotargeted method combined with multivariate statistical analysis for the quality assessment of traditional Chinese medicine preparation, Sanhuang Tablet as a case. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5863-5872.	3.7	8
27	Exploring the potential therapeutic effect of traditional Chinese medicine on coronavirus disease 2019 (COVID-19) through a combination of data mining and network pharmacology analysis. <i>European Journal of Integrative Medicine</i> , 2020, 40, 101242.	1.7	8
28	Rapid characterization of Schisandra species by using direct analysis in real time mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 192, 113648.	2.8	8
29	Chemical Comparison of White Ginseng before and after Extrusion by UHPLC-Q-Orbitrap-MS/MS and Multivariate Statistical Analysis. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-9.	1.6	7
30	Quantitative Mass Spectrometry Imaging of Metabolomes and Lipidomes for Tracking Changes and Therapeutic Response in Traumatic Brain Injury Surrounding Injured Area at Chronic Phase. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1363-1375.	3.5	7
31	Application of direct analysis in real time-orbitrap mass spectrometry combined with multivariate data analysis for rapid quality assessment of Yuanhu Zhitong Tablet. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 33-39.	1.5	6
32	Chemical composition analysis of Schisandra chinensis fructus and its three processed products using UHPLC-Q-Orbitrap/MS-based metabolomics approach. <i>Natural Product Research</i> , 2020, , 1-4.	1.8	5
33	A pseudotargeted method based on sequential window acquisition of all theoretical spectra mass spectrometry acquisition and its application in quality assessment of traditional Chinese medicine preparation Yuanhu Zhitong tablet. <i>Journal of Separation Science</i> , 2022, 45, 650-658.	2.5	2
34	Saponin composition comparison of black ginseng and white ginseng by liquid chromatography-mass spectrometry combined with multivariate statistical analysis. <i>Natural Product Research</i> , 2022, , 1-5.	1.8	1