Ai-Hua Zhang

List of Publications by Year
in descending order

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169 papers	9,251 citations	34016 52 h-index	51492 86 g-index
192 all docs	192 docs citations	192 times ranked	8288 citing authors

#	Article	IF	Citations
1	Modern analytical techniques in metabolomics analysis. Analyst, The, 2012, 137, 293-300.	1.7	669
2	Traditional Chinese medicine for COVID-19 treatment. Pharmacological Research, 2020, 155, 104743.	3.1	448
3	Potential role of metabolomics apporoaches in the area of traditional Chinese medicine: As pillars of the bridge between Chinese and Western medicine. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 859-868.	1.4	266
4	Metabolomics: Towards Understanding Traditional Chinese Medicine. Planta Medica, 2010, 76, 2026-2035.	0.7	230
5	Recent advances in natural products from plants for treatment of liver diseases. European Journal of Medicinal Chemistry, 2013, 63, 570-577.	2.6	203
6	Metabolomics for Biomarker Discovery: Moving to the Clinic. BioMed Research International, 2015, 2015, 1-6.	0.9	172
7	Saliva Metabolomics Opens Door to Biomarker Discovery, Disease Diagnosis, and Treatment. Applied Biochemistry and Biotechnology, 2012, 168, 1718-1727.	1.4	162
8	Future Perspectives of Chinese Medical Formulae: Chinmedomics as an Effector. OMICS A Journal of Integrative Biology, 2012, 16, 414-421.	1.0	156
9	Metabolomics in diagnosis and biomarker discovery of colorectal cancer. Cancer Letters, 2014, 345, 17-20.	3.2	156
10	Cell Metabolomics. OMICS A Journal of Integrative Biology, 2013, 17, 495-501.	1.0	153
11	Mass spectrometryâ€based metabolomics: applications to biomarker and metabolic pathway research. Biomedical Chromatography, 2016, 30, 7-12.	0.8	153
12	Urine metabolomics. Clinica Chimica Acta, 2012, 414, 65-69.	0.5	144
13	Natural alkaloids: basic aspects, biological roles, and future perspectives. Chinese Journal of Natural Medicines, 2014, 12, 401-406.	0.7	144
14	Metabolomics Coupled with Proteomics Advancing Drug Discovery toward More Agile Development of Targeted Combination Therapies. Molecular and Cellular Proteomics, 2013, 12, 1226-1238.	2.5	142
15	Mass spectrometryâ€driven drug discovery for development of herbal medicine. Mass Spectrometry Reviews, 2018, 37, 307-320.	2.8	140
16	Exploratory urinary metabolic biomarkers and pathways using UPLC-Q-TOF-HDMS coupled with pattern recognition approach. Analyst, The, 2012, 137, 4200.	1.7	105
17	Metabolomics approach to explore the effects of Kai-Xin-San on Alzheimerâ€™s disease using UPLC/ESI-Q-TOF mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1015-1016, 50-61.	1.2	105
18	An in vivo analysis of the therapeutic and synergistic properties of Chinese medicinal formula Yin-Chen-Hao-Tang based on its active constituents. FÃ¬toterapÃ¬Ã¢, 2011, 82, 1160-1168.	1.1	104

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19	Potentiating Therapeutic Effects by Enhancing Synergism Based on Active Constituents from Traditional Medicine. Phytotherapy Research, 2014, 28, 526-533.	2.8	104
20	Chinmedomics: A Powerful Approach Integrating Metabolomics with Serum Pharmacochemistry to Evaluate the Efficacy of Traditional Chinese Medicine. Engineering, 2019, 5, 60-68.	3.2	102
21	Future perspectives of personalized medicine in traditional Chinese medicine: A systems biology approach. Complementary Therapies in Medicine, 2012, 20, 93-99.	1.3	99
22	Ultraperformance Liquid Chromatographyâ€“Mass Spectrometry Based Comprehensive Metabolomics Combined with Pattern Recognition and Network Analysis Methods for Characterization of Metabolites and Metabolic Pathways from Biological Data Sets. Analytical Chemistry, 2013, 85, 7606-7612.	3.2	97
23	Identifying quality-markers from Shengmai San protects against transgenic mouse model of Alzheimer's disease using chinmedomics approach. Phytomedicine, 2018, 45, 84-92.	2.3	97
24	Novel applications of mass spectrometryâ€based metabolomics in herbal medicines and its active ingredients: Current evidence. Mass Spectrometry Reviews, 2019, 38, 380-402.	2.8	95
25	An integrated chinmedomics strategy for discovery of effective constituents from traditional herbal medicine. Scientific Reports, 2016, 6, 18997.	1.6	87
26	Metabolomic study of insomnia and intervention effects of Suanzaoren decoction using ultra-performance liquid-chromatography/electrospray-ionization synapt high-definition mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2012, 58, 113-124.	1.4	86
27	Urinary metabolic profiling of rat models revealed protective function of scoparone against alcohol induced hepatotoxicity. Scientific Reports, 2014, 4, 6768.	1.6	86
28	Rapid discovery and global characterization of chemical constituents and rats metabolites of Phellodendri amurensis cortex by ultra-performance liquid chromatography-electrospray ionization/quadrupole-time-of-flight mass spectrometry coupled with pattern recognition approach. Analyst, The, 2013, 138, 3303.	1.7	85
29	Advancing Drug Discovery and Development from Active Constituents of Yinchenhao Tang, a Famous Traditional Chinese Medicine Formula. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-6.	0.5	85
30	Metabolomics study of type 2 diabetes using ultra-performance LC-ESI/quadrupole-TOF high-definition MS coupled with pattern recognition methods. Journal of Physiology and Biochemistry, 2014, 70, 117-128.	1.3	85
31	Metabolomics in noninvasive breast cancer. Clinica Chimica Acta, 2013, 424, 3-7.	0.5	84
32	NMRâ€based metabolomics coupled with pattern recognition methods in biomarker discovery and disease diagnosis. Magnetic Resonance in Chemistry, 2013, 51, 549-556.	1.1	81
33	Phenotypic characterization of nanshi oral liquid alters metabolic signatures during disease prevention. Scientific Reports, 2016, 6, 19333.	1.6	80
34	Analytical strategies for the discovery and validation of quality-markers of traditional Chinese medicine. Phytomedicine, 2020, 67, 153165.	2.3	77
35	Metabolomics-based screening of salivary biomarkers for early diagnosis of Alzheimer's disease. RSC Advances, 2015, 5, 96074-96079.	1.7	76
36	Serum metabolomics strategy for understanding pharmacological effects of ShenQi pill acting on kidney yang deficiency syndrome. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1026, 217-226.	1.2	76

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37	Chinmedomics, a new strategy for evaluating the therapeutic efficacy of herbal medicines. , 2020, 216, 107680.		76
38	Metabolomics study on the hepatoprotective effect of scoparone using ultra-performance liquid chromatography/electrospray ionization quadruple time-of-flight mass spectrometry. Analyst, The, 2013, 138, 353-361.	1.7	75
39	Metabolomics in diabetes. Clinica Chimica Acta, 2014, 429, 106-110.	0.5	74
40	Ultraâ€performance Liquid Chromatographyâ€“Highâ€definition Mass Spectrometry Analysis of Constituents in the Root of Radix Stemonae and those Absorbed in Blood after Oral Administration of the Extract of the Crude Drug. Phytochemical Analysis, 2012, 23, 657-667.	1.2	72
41	Discovery and development of innovative drug from traditional medicine by integrated chinmedomics strategies in the post-genomic era. TrAC - Trends in Analytical Chemistry, 2016, 76, 86-94.	5.8	71
42	Recent developments and emerging trends of mass spectrometry for herbal ingredients analysis. TrAC - Trends in Analytical Chemistry, 2017, 94, 70-76.	5.8	70
43	Urinary Metabolic Biomarker and Pathway Study of Hepatitis B Virus Infected Patients Based on UPLC-MS System. PLoS ONE, 2013, 8, e64381.	1.1	69
44	Emerging role and recent applications of metabolomics biomarkers in obesity disease research. RSC Advances, 2017, 7, 14966-14973.	1.7	67
45	Prostaglandin E-Prostanoid ₄ Receptor Mediates Angiotensin IIâ€“Induced (Pro)Renin Receptor Expression in the Rat Renal Medulla. Hypertension, 2014, 64, 369-377.	1.3	64
46	Recent advances in metabolomics in neurological disease, and future perspectives. Analytical and Bioanalytical Chemistry, 2013, 405, 8143-8150.	1.9	62
47	High-throughput chinmedomics strategy for discovering the quality-markers and potential targets for Yinchenhao decoction. Phytomedicine, 2019, 54, 328-338.	2.3	62
48	Discovery of serum metabolites for diagnosis of progression of mild cognitive impairment to Alzheimer's disease using an optimized metabolomics method. RSC Advances, 2016, 6, 3586-3591.	1.7	61
49	Metabolic characterization and pathway analysis of berberine protects against prostate cancer. Oncotarget, 2017, 8, 65022-65041.	0.8	61
50	High-Throughput Metabolomics Evaluate the Efficacy of Total Lignans From Acanthophanax Senticosus Stem Against Ovariectomized Osteoporosis Rat. Frontiers in Pharmacology, 2019, 10, 553.	1.6	61
51	Two decades of new drug discovery and development for Alzheimer's disease. RSC Advances, 2017, 7, 6046-6058.	1.7	60
52	Exploration of metabolite signatures using high-throughput mass spectrometry coupled with multivariate data analysis. RSC Advances, 2017, 7, 6780-6787.	1.7	60
53	Discovery of quality-marker ingredients of Panax quinquefolius driven by high-throughput chinmedomics approach. Phytomedicine, 2020, 74, 152928.	2.3	60
54	High-throughput metabolomics analysis discovers salivary biomarkers for predicting mild cognitive impairment and Alzheimer's disease. RSC Advances, 2016, 6, 75499-75504.	1.7	52

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55	Dissect new mechanistic insights for geniposide efficacy on the hepatoprotection using multiomics approach. Oncotarget, 2017, 8, 108760-108770.	0.8	52
56	Metabolomic estimation of the diagnosis of hepatocellular carcinoma based on ultrahigh performance liquid chromatography coupled with time-of-flight mass spectrometry. RSC Advances, 2018, 8, 9375-9382.	1.7	51
57	Metabolomics strategy reveals therapeutical assessment of limonin on nonbacterial prostatitis. Food and Function, 2015, 6, 3540-3549.	2.1	50
58	Network pharmacology combined with metabolomics approach to investigate the protective role and detoxification mechanism of Yunnan Baiyao formulation. Phytomedicine, 2020, 77, 153266.	2.3	50
59	Insight into the metabolic mechanism of scoparone on biomarkers for inhibiting Yanghuang syndrome. Scientific Reports, 2016, 6, 37519.	1.6	48
60	High-throughput lipidomics characterize key lipid molecules as potential therapeutic targets of Kaixinsan protects against Alzheimer's disease in APP/PS1 transgenic mice. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1092, 286-295.	1.2	48
61	Application of Ultra-performance liquid chromatography with Time-of-Flight mass spectrometry for the rapid analysis of constituents and metabolites from the extracts of Acanthopanax senticosus harms leaf. Pharmacognosy Magazine, 2016, 12, 145.	0.3	48
62	Metabolomics Approaches and Applications in Prostate Cancer Research. Applied Biochemistry and Biotechnology, 2014, 174, 6-12.	1.4	47
63	Simultaneous in vivo RPâ€HPLCâ€DAD quantification of multipleâ€component and drugâ€“drug interaction by pharmacokinetics, using 6,7â€dimethylesculetin, geniposide and rhein as examples. Biomedical Chromatography, 2012, 26, 844-850.	0.8	46
64	Screening the active compounds of Phellodendri Amurensis cortex for treating prostate cancer by high-throughput chinmedomics. Scientific Reports, 2017, 7, 46234.	1.6	46
65	Cell metabolomics identify regulatory pathways and targets of magnoline against prostate cancer. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1102-1103, 143-151.	1.2	46
66	Recent Highlights of Metabolomics in Chinese Medicine Syndrome Research. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-4.	0.5	45
67	Silver nanoparticles-enhanced time-resolved fluorescence sensor for VEGF165 based on Mn-doped ZnS quantum dots. Biosensors and Bioelectronics, 2015, 74, 1053-1060.	5.3	45
68	Characterization of the multiple components of Acanthopanax Senticosus stem by ultra high performance liquid chromatography with quadrupole timeâ€ofâ€flight tandem mass spectrometry. Journal of Separation Science, 2016, 39, 496-502.	1.3	45
69	High-throughput metabolomics enables biomarker discovery in prostate cancer. RSC Advances, 2017, 7, 2587-2593.	1.7	45
70	Identification and characterization of the chemical constituents of Simiao Wan by ultra high performance liquid chromatography with mass spectrometry coupled to an automated multiple data processing method. Journal of Separation Science, 2014, 37, 1742-1747.	1.3	43
71	Urine metabolic phenotypes analysis of extrahepatic cholangiocarcinoma disease using ultra-high performance liquid chromatography-mass spectrometry. RSC Advances, 2016, 6, 63049-63057.	1.7	43
72	Discovery and verification of the potential targets from bioactive molecules by network pharmacology-based target prediction combined with high-throughput metabolomics. RSC Advances, 2017, 7, 51069-51078.	1.7	43

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73	Rapid discovery of quality-markers from Kaixin San using chinmedomics analysis approach. Phytomedicine, 2019, 54, 371-381.	2.3	43
74	Highâ€throughput lipidomics analysis to discover lipid biomarkers and profiles as potential targets for evaluating efficacy of Kaiâ€Xinâ€San against APP/PS1 transgenic mice based on UPLCâ€“Q/TOFâ€“MS. Biomedical Chromatography, 2020, 34, e4724.	1.8	43
75	High-Throughput Metabolomics for Discovering Potential Metabolite Biomarkers and Metabolic Mechanism from the APPswe/PS1dE9 Transgenic Model of Alzheimerâ€™s Disease. Journal of Proteome Research, 2017, 16, 3219-3228.	1.8	39
76	Identification of the perturbed metabolic pathways associating with prostate cancer cells and anticancer affects of obacunone. Journal of Proteomics, 2019, 206, 103447.	1.2	39
77	Predicting new molecular targets for rhein using network pharmacology. BMC Systems Biology, 2012, 6, 20.	3.0	38
78	Metabolomics and proteomics technologies to explore the herbal preparation affecting metabolic disorders using high resolution mass spectrometry. Molecular BioSystems, 2017, 13, 320-329.	2.9	38
79	Network pharmacology combined with functional metabolomics discover bile acid metabolism as a promising target for mirabilite against colorectal cancer. RSC Advances, 2018, 8, 30061-30070.	1.7	38
80	High-throughput metabolomics screen coupled with multivariate statistical analysis identifies therapeutic targets in alcoholic liver disease rats using liquid chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1109, 112-120.	1.2	37
81	Rapid discovery of absorbed constituents and metabolites in rat plasma after the oral administration of Zi Shen Wan using highâ€throughput UHPLCâ€“MS with a multivariate analysis approach. Journal of Separation Science, 2016, 39, 4700-4711.	1.3	36
82	Metabonomics for discovering biomarkers of hepatotoxicity and nephrotoxicity. Die Pharmazie, 2012, 67, 99-105.	0.3	36
83	Ultraâ€performance liquid chromatography coupled with electrospray ionization/quadrupoleâ€timeâ€ofâ€flight mass spectrometry for rapid analysis of constituents of Suanzaoren decoction. Journal of Separation Science, 2011, 34, 3208-3215.	1.3	35
84	Technological advances in current metabolomics and its application in tradition Chinese medicine. RSC Advances, 2017, 7, 53516-53524.	1.7	35
85	High-throughput chinmedomics-based prediction of effective components and targets from herbal medicine AS1350. Scientific Reports, 2016, 6, 38437.	1.6	34
86	UPLC-G2Si-HDMS untargeted metabolomics for identification of metabolic targets of Yin-Chen-Hao-Tang used as a therapeutic agent of dampness-heat jaundice syndrome. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1081-1082, 41-50.	1.2	34
87	Chinmedomics facilitated quality-marker discovery of Sijunzi decoction to treat spleen qi deficiency syndrome. Frontiers of Medicine, 2020, 14, 335-356.	1.5	34
88	Chemical discrimination of cortex Phellodendri amurensis and cortex Phellodendri chinensis by multivariate analysis approach. Pharmacognosy Magazine, 2016, 12, 41.	0.3	34
89	Preliminary identification of the absorbed bioactive components and metabolites in rat plasma after oral administration of Shaoyao-Gancao decoction by ultra-performance liquid chromatography with electrospray ionization tandem mass spectrometry. Pharmacognosy Magazine, 2014, 10, 497.	0.3	32
90	High-throughput metabolomics approach reveals new mechanistic insights for drug response of phenotypes of geniposide towards alcohol-induced liver injury by using liquid chromatography coupled to high resolution mass spectrometry. Molecular BioSystems, 2017, 13, 73-82.	2.9	32

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91	Toxicity and detoxification effects of herbal Caowu via ultra performance liquid chromatography/mass spectrometry metabolomics analyzed using pattern recognition method. Pharmacognosy Magazine, 2017, 13, 683.	0.3	32
92	Metabolomics of alcoholic liver disease: a clinical discovery study. RSC Advances, 2015, 5, 80381-80387.	1.7	31
93	Metabolomics-proteomics profiles delineate metabolic changes in kidney fibrosis disease. Proteomics, 2015, 15, 3699-3710.	1.3	31
94	UPLC-QTOF/MS based metabolomics reveals metabolic alterations associated with severe sepsis. RSC Advances, 2016, 6, 43293-43298.	1.7	31
95	Metabolite fingerprint analysis of cervical cancer using LC-QTOF/MS and multivariate data analysis. Analytical Methods, 2014, 6, 3937-3942.	1.3	30
96	Scoparone affects lipid metabolism in primary hepatocytes using lipidomics. Scientific Reports, 2016, 6, 28031.	1.6	30
97	Metabolomic Analysis of Diet-Induced Type 2 Diabetes Using UPLC/MS Integrated with Pattern Recognition Approach. PLoS ONE, 2014, 9, e93384.	1.1	29
98	Highâ€tthroughput LCâ€“MS method for the rapid characterization of multiple chemical constituents and metabolites of Daâ€Buâ€Yinâ€Wan. Journal of Separation Science, 2017, 40, 4102-4112.	1.3	29
99	Metabolic fingerprinting to understand therapeutic effects and mechanisms of silybin on acute liver damage in rat. Pharmacognosy Magazine, 2015, 11, 586.	0.3	29
100	Alterations in the Gut Microbiota and Their Metabolites in Colorectal Cancer: Recent Progress and Future Prospects. Frontiers in Oncology, 2022, 12, 841552.	1.3	29
101	High-throughput ultra-performance liquid chromatography-mass spectrometry characterization of metabolites guided by a bioinformatics program. Molecular BioSystems, 2013, 9, 2259.	2.9	28
102	Metabolomics insights into pathophysiological mechanisms of nephrology. International Urology and Nephrology, 2014, 46, 1025-1030.	0.6	28
103	Efficacy of berberine in treatment of rheumatoid arthritis: From multiple targets to therapeutic potential. Pharmacological Research, 2021, 169, 105667.	3.1	28
104	Urinary UPLC-MS metabolomics dissecting the underlying mechanisms of Huaxian capsule protects against sepsis. RSC Advances, 2016, 6, 40436-40441.	1.7	27
105	High resolution metabolomics technology reveals widespread pathway changes of alcoholic liver disease. Molecular BioSystems, 2016, 12, 262-273.	2.9	27
106	Current Trends and Innovations in Bioanalytical Techniques of Metabolomics. Critical Reviews in Analytical Chemistry, 2016, 46, 342-351.	1.8	27
107	Rapid discovery and global characterization of multiple constituents from Kai-Xin-San using an integrated MS^Edata acquisition mode strategy based on ultra-performance liquid chromatography coupled to electrospray ionization/quadrupole-time-of-flight mass spectrometry. Analytical Methods, 2015, 7, 279-286.	1.3	26
108	High-throughput lipidomics enables discovery of the mode of action of huaxian capsule impacting the metabolism of sepsis. RSC Advances, 2017, 7, 44990-44996.	1.7	26

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109	Potential urine biomarkers from a high throughput metabolomics study of severe sepsis in a large Asian cohort. RSC Advances, 2015, 5, 102204-102209.	1.7	25
110	Novel chinmedomics strategy for discovering effective constituents from ShenQiWan acting on ShenYangXu syndrome. Chinese Journal of Natural Medicines, 2016, 14, 561-581.	0.7	25
111	Highâ€throughput ultra high performance liquid chromatography coupled to quadrupole timeâ€ofâ€flight mass spectrometry method for the rapid analysis and characterization of multiple constituents of Radix Polygalae. Journal of Separation Science, 2017, 40, 663-670.	1.3	25
112	High-throughput ultra high performance liquid chromatography combined with mass spectrometry approach for the rapid analysis and characterization of multiple constituents of the fruit ofAcanthopanax senticosus(Rupr. et Maxim.) Harms. Journal of Separation Science, 2017, 40, 2178-2187.	1.3	24
113	Exploring potential biomarkers and determining the metabolic mechanism of type 2 diabetes mellitus using liquid chromatography coupled to high-resolution mass spectrometry. RSC Advances, 2017, 7, 44186-44198.	1.7	24
114	Systems biology approach opens door to essence of acupuncture. Complementary Therapies in Medicine, 2013, 21, 253-259.	1.3	23
115	Ultra-high performance liquid chromatography coupled with time-of-flight mass spectrometry screening and analysis of potential bioactive compounds from traditional chinese medicine Kai-Xin-San, using a multivariate data processing approach and the MetaboLynx tool. RSC Advances, 2015, 5, 85-92.	1.7	23
116	High-resolution mass spectrometry for exploring metabolic signatures of sepsis-induced acute kidney injury. RSC Advances, 2016, 6, 29863-29868.	1.7	23
117	Metabolomic applications in hepatocellular carcinoma: toward the exploration of therapeutics and diagnosis through small molecules. RSC Advances, 2017, 7, 17217-17226.	1.7	23
118	Chemometrics strategy coupled with high resolution mass spectrometry for analyzing and interpreting comprehensive metabolomic characterization of hyperlipemia. RSC Advances, 2016, 6, 112534-112543.	1.7	21
119	Recent advances in pharmacokinetics approach for herbal medicine. RSC Advances, 2017, 7, 28876-28888.	1.7	21
120	Applications and potential mechanisms of herbal medicines for rheumatoid arthritis treatment: a systematic review. RSC Advances, 2019, 9, 26381-26392.	1.7	21
121	UPLC-Q-TOF/MS-based metabolomic studies on the toxicity mechanisms of traditional Chinese medicine Chuanwu and the detoxification mechanisms of Gancao, Baishao, and Ganjiang. Chinese Journal of Natural Medicines, 2015, 13, 687-698.	0.7	20
122	Deciphering the biological effects of acupuncture treatment modulating multiple metabolism pathways. Scientific Reports, 2016, 6, 19942.	1.6	20
123	Novel liquid chromatography-mass spectrometry for metabolite biomarkers of acute lung injury disease. Analytical Methods, 2016, 8, 6017-6022.	1.3	20
124	Lipidomic characterisation discovery for coronary heart disease diagnosis based on high-throughput ultra-performance liquid chromatography and mass spectrometry. RSC Advances, 2018, 8, 647-654.	1.7	20
125	Lipidomics analysis based on liquid chromatography mass spectrometry for hepatocellular carcinoma and intrahepatic cholangiocarcinoma. RSC Advances, 2015, 5, 63711-63718.	1.7	19
126	Recent highlights of metabolomics for traditional Chinese medicine. Die Pharmazie, 2012, 67, 667-75.	0.3	19

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127	UPLC-MS coupled with a dynamic multiple data processing method for the comprehensive detection of the chemical constituents of the herbal formula San-Miao-Wan. Analytical Methods, 2014, 6, 2848.	1.3	18
128	Discovering lipid phenotypic changes of sepsis-induced lung injury using high-throughput lipidomic analysis. RSC Advances, 2016, 6, 38233-38237.	1.7	17
129	Untargeted lipidomics study of coronary artery disease by FUPLC-Q-TOF-MS. Analytical Methods, 2016, 8, 1229-1234.	1.3	17
130	Rapid characterization of the constituents in Jigucao capsule using ultra high performance liquid chromatography with quadrupole timeâ€ofâ€flight mass spectrometry. Journal of Separation Science, 2022, 45, 677-696.	1.3	17
131	Characterization of multiple constituents in rat plasma after oral administration of Shengmai San using ultra-performance liquid chromatography coupled with electrospray ionization/quadrupole-time-of-flight high-definition mass spectrometry. Analytical Methods, 2015, 7, 830-837.	1.3	16
132	The Signaling Pathways and Targets of Natural Compounds from Traditional Chinese Medicine in Treating Ischemic Stroke. Molecules, 2022, 27, 3099.	1.7	16
133	UPLC-Q-TOF-MS/MS fingerprinting for rapid identification of the chemical constituents of Ermiao Wan. Analytical Methods, 2015, 7, 846-862.	1.3	15
134	Chromatographic fingerprinting analysis of Zhizhu Wan preparation by high-performance liquid chromatography coupled with photodiode array detector. Pharmacognosy Magazine, 2014, 10, 470.	0.3	14
135	Fabrication of functionalized SiO₂/TiO₂ nanocomposites via amidation for the fast and selective enrichment of phosphopeptides. New Journal of Chemistry, 2015, 39, 6540-6547.	1.4	14
136	Metabolomics study of type 2 diabetes and therapeutic effects of Tianqijiangtang-capsule using ultra-performance liquid chromatography/electrospray ionization quadruple time-of-flight mass spectrometry. Analytical Methods, 2013, 5, 2218.	1.3	13
137	High-throughput metabolomics reveals the perturbed metabolic pathways and biomarkers of Yang Huang syndrome as potential targets for evaluating the therapeutic effects and mechanism of geniposide. Frontiers of Medicine, 2020, 14, 651-663.	1.5	13
138	Deciphering the Q-markers of nourishing kidney-yin of Cortex Phellodendri amurense from ZhibaiDihuang pill based on Chinmedomics strategy. Phytomedicine, 2021, 91, 153690.	2.3	13
139	Proteomic Identification Network Analysis of Haptoglobin as a Key Regulator Associated with Liver Fibrosis. Applied Biochemistry and Biotechnology, 2013, 169, 832-846.	1.4	12
140	Rapidly improved determination of metabolites from biological data sets using the high-efficient TransOmics tool. Molecular BioSystems, 2014, 10, 2160-2165.	2.9	12
141	Prediction of the mechanism of Dachengqi Decoction treating colorectal cancer based on the analysis method of " into serum components -action target-key pathway". Journal of Ethnopharmacology, 2022, 293, 115286.	2.0	12
142	Trajectory analysis of metabolomics profiling in liver injured rats using ultra-performance liquid chromatography coupled with mass spectrometry. Analytical Methods, 2013, 5, 5294.	1.3	11
143	Fingerprinting and Simultaneous Determination of Alkaloids and Limonins in Phellodendri Amurensis Cortex From Different Locations by High-Performance Liquid Chromatography with Diode Array Detection. Journal of Chromatographic Science, 2015, 53, 161-166.	0.7	11
144	Chinmedomics Strategy for Elucidating the Pharmacological Effects and Discovering Bioactive Compounds From Keluoxin Against Diabetic Retinopathy. Frontiers in Pharmacology, 2022, 13, 728256.	1.6	11

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145	Identification of key lipid metabolites during metabolic dysregulation in the diabetic retinopathy disease mouse model and efficacy of Keluoxin capsule using an UHPLC-MS-based non-targeted lipidomics approach. RSC Advances, 2021, 11, 5491-5505.	1.7	10
146	Metabolomics and proteomics approaches to characterize and assess proteins of bear bile powder for hepatitis C virus. Chinese Journal of Natural Medicines, 2013, 11, 653-665.	0.7	9
147	Screening and analyzing the potential bioactive components from rhubarb, using a multivariate data processing approach and ultra-high performance liquid chromatography coupled with time-of-flight mass spectrometry. Analytical Methods, 2015, 7, 650-661.	1.3	9
148	A kaempferol-3-O-Î²-d-glucoside, intervention effect of astragalin on estradiol metabolism. Steroids, 2019, 149, 108413.	0.8	9
149	A Clinical and Animal Experiment Integrated Platform for Small-Molecule Screening Reveals Potential Targets of Bioactive Compounds from a Herbal Prescription Based on the Therapeutic Efficacy of Yinchenhao Tang for Jaundice Syndrome. Engineering, 2021, 7, 1293-1305.	3.2	9
150	High-Throughput Analysis and Characterization of Astragalus membranaceus Transcriptome Using 454 GS FLX. PLoS ONE, 2014, 9, e95831.	1.1	8
151	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure. PLoS ONE, 2020, 15, e0238927.	1.1	8
152	Therapeutic Effect and Mechanism of Si-Miao-Yong-An-Tang on Thromboangiitis Obliterans Based on the Urine Metabolomics Approach. Frontiers in Pharmacology, 2022, 13, 827733.	1.6	7
153	A Hypothesis From Metabolomics Analysis of Diabetic Retinopathy: Arginine-Creatine Metabolic Pathway May Be a New Treatment Strategy for Diabetic Retinopathy. Frontiers in Endocrinology, 2022, 13, 858012.	1.5	6
154	Metabolomics Analysis Coupled With UPLC/MS on Therapeutic Effect of Jigucao Capsule Against Dampness-Heat Jaundice Syndrome. Frontiers in Pharmacology, 2022, 13, 822193.	1.6	5
155	High throughput metabolomics explores the mechanism of Jigucao capsules in treating Yanghuang syndrome rats using ultra-performance liquid chromatography quadrupole time of flight coupled with mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1194, 123185.	1.2	5
156	Reply to â€œThe use of traditional Chinese medicines to treat SARS-CoV-2 may cause more harm than goodâ€• Pharmacological Research, 2020, 157, 104775.	3.1	4
157	Targets and Effective Constituents of ZhiziBaipi Decoction for Treating Damp-Heat Jaundice Syndrome Based on Chinmedomics Coupled with UPLC-MS/MS. Frontiers in Pharmacology, 2022, 13, 857361.	1.6	4
158	UPLC-G2Si-HDMS Untargeted Metabolomics for Identification of Yunnan Baiyaoâ€™s Metabolic Target in Promoting Blood Circulation and Removing Blood Stasis. Molecules, 2022, 27, 3208.	1.7	4
159	Acupuncture targeting and regulating multiple signaling pathways related to Zusanli acupoint using iTRAQ-based quantitative proteomic analysis. Acupuncture and Related Therapies, 2014, 2, 51-56.	0.3	3
160	High-Throughput Chinmedomics Strategy Discovers the Quality Markers and Mechanisms of Wutou Decoction Therapeutic for Rheumatoid Arthritis. Frontiers in Pharmacology, 2022, 13, 854087.	1.6	3
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