Ai-Hua Zhang

List of Publications by Citations

185 papers	7,213 citations	47 h-index	77 g-index
192 ext. papers	8,316 ext. citations	4.4 avg, IF	6.5 L-index

#	Paper	IF	Citations
185	Modern analytical techniques in metabolomics analysis. *Analyst, The*, **2012**, 137, 293-300	5	537
184	Traditional Chinese medicine for COVID-19 treatment. *Pharmacological Research*, **2020**, 155, 104743	10.2	288
183	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, 859-68	3.5	236
182	Metabolomics: towards understanding traditional Chinese medicine. *Planta Medica*, **2010**, 76, 2026-35	3.1	188
181	Recent advances in natural products from plants for treatment of liver diseases. *European Journal of Medicinal Chemistry*, **2013**, 63, 570-7	6.8	148
180	Future perspectives of Chinese medical formulae: chinmedomics as an effector. *OMICS A Journal of Integrative Biology*, **2012**, 16, 414-21	3.8	137
179	Saliva metabolomics opens door to biomarker discovery, disease diagnosis, and treatment. *Applied Biochemistry and Biotechnology*, **2012**, 168, 1718-27	3.2	134
178	Metabolomics in diagnosis and biomarker discovery of colorectal cancer. *Cancer Letters*, **2014**, 345, 17-20	9.9	130
177	Metabolomics coupled with proteomics advancing drug discovery toward more agile development of targeted combination therapies. *Molecular and Cellular Proteomics*, **2013**, 12, 1226-38	7.6	128
176	Cell metabolomics. *OMICS A Journal of Integrative Biology*, **2013**, 17, 495-501	3.8	127
175	Urine metabolomics. *Clinica Chimica Acta*, **2012**, 414, 65-9	6.2	122
174	Mass spectrometry-based metabolomics: applications to biomarker and metabolic pathway research. *Biomedical Chromatography*, **2016**, 30, 7-12	1.7	120
173	Metabolomics for Biomarker Discovery: Moving to the Clinic. *BioMed Research International*, **2015**, 2015, 354671	3	109
172	Exploratory urinary metabolic biomarkers and pathways using UPLC-Q-TOF-HDMS coupled with pattern recognition approach. *Analyst, The*, **2012**, 137, 4200-8	5	97
171	An in vivo analysis of the therapeutic and synergistic properties of Chinese medicinal formula Yin-Chen-Hao-Tang based on its active constituents. *Fitoterapia*, **2011**, 82, 1160-8	3.2	95
170	Mass spectrometry-driven drug discovery for development of herbal medicine. *Mass Spectrometry Reviews*, **2018**, 37, 307-320	11	92
169	Metabolomics approach to explore the effects of Kai-Xin-San on Alzheimer'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	3.2	89

168	Natural alkaloids: basic aspects, biological roles, and future perspectives. *Chinese Journal of Natural Medicines*, **2014**, 12, 401-6	2.8	89
167	Ultraperformance liquid chromatography-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, 7606-12	7.8	85
166	Potentiating therapeutic effects by enhancing synergism based on active constituents from traditional medicine. *Phytotherapy Research*, **2014**, 28, 526-33	6.7	80
165	Future perspectives of personalized medicine in traditional Chinese medicine: a systems biology approach. *Complementary Therapies in Medicine*, **2012**, 20, 93-9	3.5	80
164	An integrated chinmedomics strategy for discovery of effective constituents from traditional herbal medicine. *Scientific Reports*, **2016**, 6, 18997	4.9	79
163	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, 113-24	3.5	77
162	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, 3303-12	5	76
161	Urinary metabolic profiling of rat models revealed protective function of scoparone against alcohol induced hepatotoxicity. *Scientific Reports*, **2014**, 4, 6768	4.9	75
160	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, 117-28	5	75
159	Phenotypic characterization of nanshi oral liquid alters metabolic signatures during disease prevention. *Scientific Reports*, **2016**, 6, 19333	4.9	71
158	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, 353-61	5	70
157	Metabolomics in noninvasive breast cancer. *Clinica Chimica Acta*, **2013**, 424, 3-7	6.2	70
156	Chinmedomics: A Powerful Approach Integrating Metabolomics with Serum Pharmacochemistry to Evaluate the Efficacy of Traditional Chinese Medicine. *Engineering*, **2019**, 5, 60-68	9.7	69
155	Ultra-performance liquid chromatography-high-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, 657-67	3.4	67
154	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	3.2	66
153	NMR-based metabolomics coupled with pattern recognition methods in biomarker discovery and disease diagnosis. *Magnetic Resonance in Chemistry*, **2013**, 51, 549-56	2.1	64
152	Urinary metabolic biomarker and pathway study of hepatitis B virus infected patients based on UPLC-MS system. *PLoS ONE*, **2013**, 8, e64381	3.7	64
151	Identifying quality-markers from Shengmai San protects against transgenic mouse model of Alzheimer's disease using chinmedomics approach. *Phytomedicine*, **2018**, 45, 84-92	6.5	63

150	Novel applications of mass spectrometry-based metabolomics in herbal medicines and its active ingredients: Current evidence. *Mass Spectrometry Reviews*, **2019**, 38, 380-402	11	62
149	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	14.6	60
148	Metabolomics-based screening of salivary biomarkers for early diagnosis of Alzheimer's disease. *RSC Advances*, **2015**, 5, 96074-96079	3.7	59
147	Metabolomics in diabetes. *Clinica Chimica Acta*, **2014**, 429, 106-10	6.2	59
146	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, 257909	2.3	59
145	Recent developments and emerging trends of mass spectrometry for herbal ingredients analysis. *TrAC - Trends in Analytical Chemistry*, **2017**, 94, 70-76	14.6	58
144	Emerging role and recent applications of metabolomics biomarkers in obesity disease research. *RSC Advances*, **2017**, 7, 14966-14973	3.7	56
143	Metabolic characterization and pathway analysis of berberine protects against prostate cancer. *Oncotarget*, **2017**, 8, 65022-65041	3.3	54
142	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	3.7	52
141	Recent advances in metabolomics in neurological disease, and future perspectives. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 8143-50	4.4	52
140	Exploration of metabolite signatures using high-throughput mass spectrometry coupled with multivariate data analysis. *RSC Advances*, **2017**, 7, 6780-6787	3.7	50
139	Prostaglandin E-prostanoid4 receptor mediates angiotensin II-induced (pro)renin receptor expression in the rat renal medulla. *Hypertension*, **2014**, 64, 369-77	8.5	49
138	High-throughput chinmedomics strategy for discovering the quality-markers and potential targets for Yinchenhao decoction. *Phytomedicine*, **2019**, 54, 328-338	6.5	47
137	Two decades of new drug discovery and development for Alzheimer's disease. *RSC Advances*, **2017**, 7, 6046-6058	3.7	45
136	High-Throughput Metabolomics Evaluate the Efficacy of Total Lignans From Acanthophanax Senticosus Stem Against Ovariectomized Osteoporosis Rat. *Frontiers in Pharmacology*, **2019**, 10, 553	5.6	45
135	Dissect new mechanistic insights for geniposide efficacy on the hepatoprotection using multiomics approach. *Oncotarget*, **2017**, 8, 108760-108770	3.3	45
134	Metabolomics strategy reveals therapeutical assessment of limonin on nonbacterial prostatitis. *Food and Function*, **2015**, 6, 3540-9	6.1	44
133	High-throughput metabolomics analysis discovers salivary biomarkers for predicting mild cognitive impairment and Alzheimer's disease. *RSC Advances*, **2016**, 6, 75499-75504	3.7	43

132	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	3.7	43
131	Screening the active compounds of Phellodendri Amurensis cortex for treating prostate cancer by high-throughput chinmedomics. *Scientific Reports*, **2017**, 7, 46234	4.9	42
130	Insight into the metabolic mechanism of scoparone on biomarkers for inhibiting Yanghuang syndrome. *Scientific Reports*, **2016**, 6, 37519	4.9	42
129	Metabolomics approaches and applications in prostate cancer research. *Applied Biochemistry and Biotechnology*, **2014**, 174, 6-12	3.2	42
128	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	3.7	41
127	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, 1742-7	3.4	41
126	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	3.2	40
125	High-throughput metabolomics enables biomarker discovery in prostate cancer. *RSC Advances*, **2017**, 7, 2587-2593	3.7	38
124	Silver nanoparticles-enhanced time-resolved fluorescence sensor for VEGF(165) based on Mn-doped ZnS quantum dots. *Biosensors and Bioelectronics*, **2015**, 74, 1053-60	11.8	37
123	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	3.2	37
122	Simultaneous in vivo RP-HPLC-DAD quantification of multiple-component and drug-drug interaction by pharmacokinetics, using 6,7-dimethylesculetin, geniposide and rhein as examples. *Biomedical Chromatography*, **2012**, 26, 844-50	1.7	37
121	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, 145-52	0.8	37
120	Urine metabolic phenotypes analysis of extrahepatic cholangiocarcinoma disease using ultra-high performance liquid chromatography-mass spectrometry. *RSC Advances*, **2016**, 6, 63049-63057	3.7	35
119	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	3.7	35
118	Characterization of the multiple components of Acanthopanax Senticosus stem by ultra high performance liquid chromatography with quadrupole time-of-flight tandem mass spectrometry. *Journal of Separation Science*, **2016**, 39, 496-502	3.4	34
117	Predicting new molecular targets for rhein using network pharmacology. *BMC Systems Biology*, **2012**, 6, 20	3.5	33
116	Rapid discovery of quality-markers from Kaixin San using chinmedomics analysis approach. *Phytomedicine*, **2019**, 54, 371-381	6.5	33
115	Metabonomics for discovering biomarkers of hepatotoxicity and nephrotoxicity. *Die Pharmazie*, **2012**, 67, 99-105	1.5	33

114	High-Throughput Metabolomics for Discovering Potential Metabolite Biomarkers and Metabolic Mechanism from the APPswe/PS1dE9 Transgenic Model of Alzheimer's Disease. *Journal of Proteome Research*, **2017**, 16, 3219-3228	5.6	32
113	Metabolomics and proteomics technologies to explore the herbal preparation affecting metabolic disorders using high resolution mass spectrometry. *Molecular BioSystems*, **2017**, 13, 320-329		31
112	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	3.2	31
111	Rapid discovery of absorbed constituents and metabolites in rat plasma after the oral administration of Zi Shen Wan using high-throughput UHPLC-MS with a multivariate analysis approach. *Journal of Separation Science*, **2016**, 39, 4700-4711	3.4	31
110	Ultra-performance liquid chromatography coupled with electrospray ionization/quadrupole-time-of-flight mass spectrometry for rapid analysis of constituents of Suanzaoren decoction. *Journal of Separation Science*, **2011**, 34, 3208-15	3.4	31
109	High-throughput lipidomics analysis to discover lipid biomarkers and profiles as potential targets for evaluating efficacy of Kai-Xin-San against APP/PS1 transgenic mice based on UPLC-Q/TOF-MS. *Biomedical Chromatography*, **2020**, 34, e4724	1.7	31
108	High-throughput chinmedomics-based prediction of effective components and targets from herbal medicine AS1350. *Scientific Reports*, **2016**, 6, 38437	4.9	31
107	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	3.2	30
106	Technological advances in current metabolomics and its application in tradition Chinese medicine. *RSC Advances*, **2017**, 7, 53516-53524	3.7	29
105	Recent highlights of metabolomics in chinese medicine syndrome research. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 402159	2.3	29
104	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*, **2016**, 13, 73-82		28
103	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, 497-502	0.8	28
102	Analytical strategies for the discovery and validation of quality-markers of traditional Chinese medicine. *Phytomedicine*, **2020**, 67, 153165	6.5	28
101	Metabolomics of alcoholic liver disease: a clinical discovery study. *RSC Advances*, **2015**, 5, 80381-80387	3.7	27
100	Discovery of quality-marker ingredients of Panax quinquefolius driven by high-throughput chinmedomics approach. *Phytomedicine*, **2020**, 74, 152928	6.5	27
99	Identification of the perturbed metabolic pathways associating with prostate cancer cells and anticancer affects of obacunone. *Journal of Proteomics*, **2019**, 206, 103447	3.9	26
98	High-throughput ultra-performance liquid chromatography-mass spectrometry characterization of metabolites guided by a bioinformatics program. *Molecular BioSystems*, **2013**, 9, 2259-65		26
97	Rapid discovery and global characterization of multiple constituents from Kai-Xin-San using an integrated MSE data 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	3.2	25

96	Metabolomics-proteomics profiles delineate metabolic changes in kidney fibrosis disease. *Proteomics*, **2015**, 15, 3699-710	4.8	25
95	Metabolomics insights into pathophysiological mechanisms of nephrology. *International Urology and Nephrology*, **2014**, 46, 1025-30	2.3	25
94	UPLC-QTOF/MS based metabolomics reveals metabolic alterations associated with severe sepsis. *RSC Advances*, **2016**, 6, 43293-43298	3.7	25
93	Current Trends and Innovations in Bioanalytical Techniques of Metabolomics. *Critical Reviews in Analytical Chemistry*, **2016**, 46, 342-51	5.2	24
92	Scoparone affects lipid metabolism in primary hepatocytes using lipidomics. *Scientific Reports*, **2016**, 6, 28031	4.9	24
91	High resolution metabolomics technology reveals widespread pathway changes of alcoholic liver disease. *Molecular BioSystems*, **2016**, 12, 262-73		24
90	Metabolite fingerprint analysis of cervical cancer using LC-QTOF/MS and multivariate data analysis. *Analytical Methods*, **2014**, 6, 3937-3942	3.2	24
89	Potential urine biomarkers from a high throughput metabolomics study of severe sepsis in a large Asian cohort. *RSC Advances*, **2015**, 5, 102204-102209	3.7	23
88	Chemical Discrimination of Cortex Phellodendri amurensis and Cortex Phellodendri chinensis by Multivariate Analysis Approach. *Pharmacognosy Magazine*, **2016**, 12, 41-9	0.8	23
87	Metabolomic analysis of diet-induced type 2 diabetes using UPLC/MS integrated with pattern recognition approach. *PLoS ONE*, **2014**, 9, e93384	3.7	22
86	Systems biology approach opens door to essence of acupuncture. *Complementary Therapies in Medicine*, **2013**, 21, 253-9	3.5	22
85	Toxicity and Detoxification Effects of Herbal via Ultra Performance Liquid Chromatography/Mass Spectrometry Metabolomics Analyzed using Pattern Recognition Method. *Pharmacognosy Magazine*, **2017**, 13, 683-692	0.8	22
84	Chinmedomics, a new strategy for evaluating the therapeutic efficacy of herbal medicines. *Pharmacology & Therapeutics*, **2020**, 216, 107680	13.9	22
83	Urinary UPLC-MS metabolomics dissecting the underlying mechanisms of Huaxian capsule protects against sepsis. *RSC Advances*, **2016**, 6, 40436-40441	3.7	22
82	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	3.7	21
81	Novel chinmedomics strategy for discovering effective constituents from ShenQiWan acting on ShenYangXu syndrome. *Chinese Journal of Natural Medicines*, **2016**, 14, 561-81	2.8	21
80	High-throughput LC-MS method for the rapid characterization of multiple chemical constituents and metabolites of Da-Bu-Yin-Wan. *Journal of Separation Science*, **2017**, 40, 4102-4112	3.4	21
79	High-throughput lipidomics enables discovery of the mode of action of huaxian capsule impacting the metabolism of sepsis. *RSC Advances*, **2017**, 7, 44990-44996	3.7	21

78	Metabolic fingerprinting to understand therapeutic effects and mechanisms of silybin on acute liver damage in rat. *Pharmacognosy Magazine*, **2015**, 11, 586-93	0.8	21
77	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, 687-98	2.8	20
76	High-resolution mass spectrometry for exploring metabolic signatures of sepsis-induced acute kidney injury. *RSC Advances*, **2016**, 6, 29863-29868	3.7	20
75	High-throughput ultra high performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry method for the rapid analysis and characterization of multiple constituents of Radix Polygalae. *Journal of Separation Science*, **2017**, 40, 663-670	3.4	20
74	Recent highlights of metabolomics for traditional Chinese medicine. *Die Pharmazie*, **2012**, 67, 667-75	1.5	19
73	High-throughput ultra high performance liquid chromatography combined with mass spectrometry approach for the rapid analysis and characterization of multiple constituents of the fruit of Acanthopanax senticosus (Rupr. et Maxim.) Harms. *Journal of Separation Science*, **2017**, 40, 2178-2187	3.4	18
72	Novel liquid chromatography-mass spectrometry for metabolite biomarkers of acute lung injury disease. *Analytical Methods*, **2016**, 8, 6017-6022	3.2	18
71	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	3.7	18
70	Chemometrics strategy coupled with high resolution mass spectrometry for analyzing and interpreting comprehensive metabolomic characterization of hyperlipemia. *RSC Advances*, **2016**, 6, 112534-112543	3.7	18
69	Deciphering the biological effects of acupuncture treatment modulating multiple metabolism pathways. *Scientific Reports*, **2016**, 6, 19942	4.9	18
68	Metabolomic applications in hepatocellular carcinoma: toward the exploration of therapeutics and diagnosis through small molecules. *RSC Advances*, **2017**, 7, 17217-17226	3.7	17
67	Lipidomics analysis based on liquid chromatography mass spectrometry for hepatocellular carcinoma and intrahepatic cholangiocarcinoma. *RSC Advances*, **2015**, 5, 63711-63718	3.7	17
66	Network pharmacology combined with metabolomics approach to investigate the protective role and detoxification mechanism of Yunnan Baiyao formulation. *Phytomedicine*, **2020**, 77, 153266	6.5	17
65	Chinmedomics facilitated quality-marker discovery of Sijunzi decoction to treat spleen qi deficiency syndrome. *Frontiers of Medicine*, **2020**, 14, 335-356	12	17
64	Recent advances in pharmacokinetics approach for herbal medicine. *RSC Advances*, **2017**, 7, 28876-28888	3.7	16
63	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**,	3.2	15
62	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	3.7	15
61	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	3.2	15

60	Discovering lipid phenotypic changes of sepsis-induced lung injury using high-throughput lipidomic analysis. *RSC Advances*, **2016**, 6, 38233-38237	3.7	14
59	UPLC-Q-TOF-MS/MS fingerprinting for rapid identification of the chemical constituents of Ermiao Wan. *Analytical Methods*, **2015**, 7, 846-862	3.2	13
58	Untargeted lipidomics study of coronary artery disease by FUPLC-Q-TOF-MS. *Analytical Methods*, **2016**, 8, 1229-1234	3.2	13
57	Chromatographic fingerprinting analysis of Zhizhu Wan preparation by high-performance liquid chromatography coupled with photodiode array detector. *Pharmacognosy Magazine*, **2014**, 10, 470-6	0.8	13
56	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	3.2	13
55	Fabrication of functionalized SiO2/TiO2 nanocomposites via amidation for the fast and selective enrichment of phosphopeptides. *New Journal of Chemistry*, **2015**, 39, 6540-6547	3.6	12
54	Applications and potential mechanisms of herbal medicines for rheumatoid arthritis treatment: a systematic review. *RSC Advances*, **2019**, 9, 26381-26392	3.7	12
53	Proteomic identification network analysis of haptoglobin as a key regulator associated with liver fibrosis. *Applied Biochemistry and Biotechnology*, **2013**, 169, 832-46	3.2	11
52	Rapidly improved determination of metabolites from biological data sets using the high-efficient TransOmics tool. *Molecular BioSystems*, **2014**, 10, 2160-5		10
51	Trajectory analysis of metabolomics profiling in liver injured rats using ultra-performance liquid chromatography coupled with mass spectrometry. *Analytical Methods*, **2013**, 5, 5294	3.2	10
50	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	12	10
49	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, 161-6	1.4	8
48	High-throughput analysis and characterization of Astragalus membranaceus transcriptome using 454 GS FLX. *PLoS ONE*, **2014**, 9, e95831	3.7	8
47	Efficacy of berberine in treatment of rheumatoid arthritis: From multiple targets to therapeutic potential. *Pharmacological Research*, **2021**, 169, 105667	10.2	7
46	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	3.2	6
45	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	3.7	6
44	Deciphering the Q-markers of nourishing kidney-yin of Cortex Phellodendri amurense from ZhibaiDihuang pill based on Chinmedomics strategy. *Phytomedicine*, **2021**, 91, 153690	6.5	5
43	Metabolomics and proteomics approaches to characterize and assess proteins of bear bile powder for hepatitis C virus. *Chinese Journal of Natural Medicines*, **2013**, 11, 653-65	2.8	4

42	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure. *PLoS ONE*, **2020**, 15, e0238927	3.7	4
41	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, 1293-1293	9.7	3
40	A kaempferol-3-O-□-d-glucoside, intervention effect of astragalin on estradiol metabolism. *Steroids* , **2019**, 149, 108413	2.8	2
39	Reply to "The use of traditional Chinese medicines to treat SARS-CoV-2 may cause more harm than good". *Pharmacological Research*, **2020**, 157, 104775	10.2	2
38	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		2
37	Alterations in the Gut Microbiota and Their Metabolites in Colorectal Cancer: Recent Progress and Future Prospects.. *Frontiers in Oncology*, **2022**, 12, 841552	5.3	2
36	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	3.2	2
35	Metabolomics Analysis Coupled With UPLC/MS on Therapeutic Effect of Jigucao Capsule Against Dampness-Heat Jaundice Syndrome.. *Frontiers in Pharmacology*, **2022**, 13, 822193	5.6	1
34	Mass Spectrometry-Based Metabolomics Toward Biological Function Analysis **2021**, 157-170		1
33	Mass Spectrometry-Driven Metabolomics for Metabolites and Metabolic Pathway Analysis **2021**, 67-79		1
32	Mass Spectrometry-Based Metabolomics Insights into the Mode of Action of Natural Products **2021** , 199-221		1
31	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	5.6	1
30	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	5.6	1
29	The Signaling Pathways and Targets of Natural Compounds from Traditional Chinese Medicine in Treating Ischemic Stroke. *Molecules*, **2022**, 27, 3099	4.8	1
28	Study of Differential Serum Metabolites in Patients with Adenomatous Polyps of Colon and Yang-Deficiency Constitution Based on Ultra-performance Liquid Chromatography-Mass Spectrometry. *Chinese Journal of Integrative Medicine*, **2019**, 1	2.9	0
27	Metabolomics Toward Precision Medicine **2021**, 143-156		0
26	Current Status of Technical Challenges in Mass Spectrometry-Driven Metabolomics **2021**, 97-112		0
25	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	5.7	0

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