Ai-Hua Zhang

List of Publications by Year in Descending Order

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	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
184	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
183	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
182	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
181	Chinmedomics Strategy for Elucidating the Pharmacological Effects and Discovering Bioactive Compounds From Keluoxin Against Diabetic Retinopathy.. *Frontiers in Pharmacology*, **2022**, 13, 728256	5.6	0
180	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
179	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**, 115286	5	0
178	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
177	High-Throughput Chinmedomics Strategy Discovers the Quality Markers and Mechanisms of Wutou Decoction Therapeutic for Rheumatoid Arthritis.. *Frontiers in Pharmacology*, **2022**, 13, 854087	5.6	0
176	The Signaling Pathways and Targets of Natural Compounds from Traditional Chinese Medicine in Treating Ischemic Stroke. *Molecules*, **2022**, 27, 3099	4.8	1
175	UPLC-G2Si-HDMS Untargeted Metabolomics for Identification of Yunnan Baiyao's Metabolic Target in Promoting Blood Circulation and Removing Blood Stasis. *Molecules*, **2022**, 27, 3208	4.8	0
174	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
173	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
172	Efficacy of berberine in treatment of rheumatoid arthritis: From multiple targets to therapeutic potential. *Pharmacological Research*, **2021**, 169, 105667	10.2	7
171	Multivariate Data Analysis Approach for Mass Spectrometry-Based Metabolomics **2021**, 45-66		
170	Metabolomics Applications in Neurological Disease **2021**, 135-142		
169	Sample Preparation Method for Mass Spectrometry-Based Metabolomics **2021**, 33-43		

No.	Title	IF	Cites
150	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
149	Analytical strategies for the discovery and validation of quality-markers of traditional Chinese medicine. *Phytomedicine*, **2020**, 67, 153165	6.5	28
148	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
147	Chinmedomics facilitated quality-marker discovery of Sijunzi decoction to treat spleen qi deficiency syndrome. *Frontiers of Medicine*, **2020**, 14, 335-356	12	17
146	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure. *PLoS ONE*, **2020**, 15, e0238927	3.7	4
145	Chinmedomics, a new strategy for evaluating the therapeutic efficacy of herbal medicines. *Pharmacology & Therapeutics*, **2020**, 216, 107680	13.9	22
144	Discovery of quality-marker ingredients of Panax quinquefolius driven by high-throughput chinmedomics approach. *Phytomedicine*, **2020**, 74, 152928	6.5	27
143	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
142	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
141	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
140	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
139	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
138	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
137	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
136	Complexity of active medicinal ingredients in radix scutellariae with sodium hydrosulfite exposure **2020**, 15, e0238927		
135	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
134	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
133	A kaempferol-3-O-β-d-glucoside, intervention effect of astragalin on estradiol metabolism. *Steroids*, **2019**, 149, 108413	2.8	2

#	Reference		
132	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
131	Applications and potential mechanisms of herbal medicines for rheumatoid arthritis treatment: a systematic review. *RSC Advances*, **2019**, 9, 26381-26392	3.7	12
130	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
129	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
128	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
127	High-throughput chinmedomics strategy for discovering the quality-markers and potential targets for Yinchenhao decoction. *Phytomedicine*, **2019**, 54, 328-338	6.5	47
126	Rapid discovery of quality-markers from Kaixin San using chinmedomics analysis approach. *Phytomedicine*, **2019**, 54, 371-381	6.5	33
125	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
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	3.7	15
123	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
122	Mass spectrometry-driven drug discovery for development of herbal medicine. *Mass Spectrometry Reviews*, **2018**, 37, 307-320	11	92
121	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
120	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
119	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
118	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
117	Two decades of new drug discovery and development for Alzheimer's disease. *RSC Advances*, **2017**, 7, 6046-6058	3.7	45
116	High-throughput metabolomics enables biomarker discovery in prostate cancer. *RSC Advances*, **2017**, 7, 2587-2593	3.7	38
115	Exploration of metabolite signatures using high-throughput mass spectrometry coupled with multivariate data analysis. *RSC Advances*, **2017**, 7, 6780-6787	3.7	50

114	Recent advances in pharmacokinetics approach for herbal medicine. *RSC Advances*, **2017**, 7, 28876-28888.	3.7	16
113	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
112	Screening the active compounds of Phellodendri Amurensis cortex for treating prostate cancer by high-throughput chinmedomics. *Scientific Reports*, **2017**, 7, 46234	4.9	42
111	Emerging role and recent applications of metabolomics biomarkers in obesity disease research. *RSC Advances*, **2017**, 7, 14966-14973	3.7	56
110	Metabolomic applications in hepatocellular carcinoma: toward the exploration of therapeutics and diagnosis through small molecules. *RSC Advances*, **2017**, 7, 17217-17226	3.7	17
109	Metabolomics and proteomics technologies to explore the herbal preparation affecting metabolic disorders using high resolution mass spectrometry. *Molecular BioSystems*, **2017**, 13, 320-329		31
108	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
107	Metabolic characterization and pathway analysis of berberine protects against prostate cancer. *Oncotarget*, **2017**, 8, 65022-65041	3.3	54
106	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
105	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
104	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
103	Recent developments and emerging trends of mass spectrometry for herbal ingredients analysis. *TrAC - Trends in Analytical Chemistry*, **2017**, 94, 70-76	14.6	58
102	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
101	Technological advances in current metabolomics and its application in tradition Chinese medicine. *RSC Advances*, **2017**, 7, 53516-53524	3.7	29
100	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
99	Dissect new mechanistic insights for geniposide efficacy on the hepatoprotection using multiomics approach. *Oncotarget*, **2017**, 8, 108760-108770	3.3	45
98	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
97	Current Trends and Innovations in Bioanalytical Techniques of Metabolomics. *Critical Reviews in Analytical Chemistry*, **2016**, 46, 342-51	5.2	24

96	Scoparone affects lipid metabolism in primary hepatocytes using lipidomics. *Scientific Reports*, **2016**, 6, 28031	4.9	24
95	Insight into the metabolic mechanism of scoparone on biomarkers for inhibiting Yanghuang syndrome. *Scientific Reports*, **2016**, 6, 37519	4.9	42
94	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
93	Novel liquid chromatography-mass spectrometry for metabolite biomarkers of acute lung injury disease. *Analytical Methods*, **2016**, 8, 6017-6022	3.2	18
92	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
91	An integrated chinmedomics strategy for discovery of effective constituents from traditional herbal medicine. *Scientific Reports*, **2016**, 6, 18997	4.9	79
90	Phenotypic characterization of nanshi oral liquid alters metabolic signatures during disease prevention. *Scientific Reports*, **2016**, 6, 19333	4.9	71
89	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
88	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
87	Mass spectrometry-based metabolomics: applications to biomarker and metabolic pathway research. *Biomedical Chromatography*, **2016**, 30, 7-12	1.7	120
86	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
85	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
84	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
83	Untargeted lipidomics study of coronary artery disease by FUPLC-Q-TOF-MS. *Analytical Methods*, **2016**, 8, 1229-1234	3.2	13
82	High-resolution mass spectrometry for exploring metabolic signatures of sepsis-induced acute kidney injury. *RSC Advances*, **2016**, 6, 29863-29868	3.7	20
81	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
80	High resolution metabolomics technology reveals widespread pathway changes of alcoholic liver disease. *Molecular BioSystems*, **2016**, 12, 262-73		24
79	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

78	Chemical Discrimination of Cortex Phellodendri amurensis and Cortex Phellodendri chinensis by Multivariate Analysis Approach. *Pharmacognosy Magazine*, **2016**, 12, 41-9	0.8	23
77	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
76	High-throughput chinmedomics-based prediction of effective components and targets from herbal medicine AS1350. *Scientific Reports*, **2016**, 6, 38437	4.9	31
75	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
74	Deciphering the biological effects of acupuncture treatment modulating multiple metabolism pathways. *Scientific Reports*, **2016**, 6, 19942	4.9	18
73	UPLC-QTOF/MS based metabolomics reveals metabolic alterations associated with severe sepsis. *RSC Advances*, **2016**, 6, 43293-43298	3.7	25
72	Discovering lipid phenotypic changes of sepsis-induced lung injury using high-throughput lipidomic analysis. *RSC Advances*, **2016**, 6, 38233-38237	3.7	14
71	Urinary UPLC-MS metabolomics dissecting the underlying mechanisms of Huaxian capsule protects against sepsis. *RSC Advances*, **2016**, 6, 40436-40441	3.7	22
70	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
69	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
68	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
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	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
65	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	3.2	15
64	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
63	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
62	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
61	Metabolomics strategy reveals therapeutical assessment of limonin on nonbacterial prostatitis. *Food and Function*, **2015**, 6, 3540-9	6.1	44

60	Metabolomics-based screening of salivary biomarkers for early diagnosis of Alzheimer's disease. *RSC Advances*, **2015**, 5, 96074-96079	3.7	59
59	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
58	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
57	Metabolomics of alcoholic liver disease: a clinical discovery study. *RSC Advances*, **2015**, 5, 80381-80387	3.7	27
56	Metabolomics-proteomics profiles delineate metabolic changes in kidney fibrosis disease. *Proteomics*, **2015**, 15, 3699-710	4.8	25
55	Metabolomics for Biomarker Discovery: Moving to the Clinic. *BioMed Research International*, **2015**, 2015, 354671	3	109
54	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
53	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
52	Urinary metabolic profiling of rat models revealed protective function of scoparone against alcohol induced hepatotoxicity. *Scientific Reports*, **2014**, 4, 6768	4.9	75
51	Rapidly improved determination of metabolites from biological data sets using the high-efficient TransOmics tool. *Molecular BioSystems*, **2014**, 10, 2160-5		10
50	Metabolite fingerprint analysis of cervical cancer using LC-QTOF/MS and multivariate data analysis. *Analytical Methods*, **2014**, 6, 3937-3942	3.2	24
49	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
48	Natural alkaloids: basic aspects, biological roles, and future perspectives. *Chinese Journal of Natural Medicines*, **2014**, 12, 401-6	2.8	89
47	Metabolomics in diagnosis and biomarker discovery of colorectal cancer. *Cancer Letters*, **2014**, 345, 17-20	9.9	130
46	Metabolomics approaches and applications in prostate cancer research. *Applied Biochemistry and Biotechnology*, **2014**, 174, 6-12	3.2	42
45	Metabolomics in diabetes. *Clinica Chimica Acta*, **2014**, 429, 106-10	6.2	59
44	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
43	Metabolomic analysis of diet-induced type 2 diabetes using UPLC/MS integrated with pattern recognition approach. *PLoS ONE*, **2014**, 9, e93384	3.7	22

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42	High-throughput analysis and characterization of Astragalus membranaceus transcriptome using 454 GS FLX. *PLoS ONE*, **2014**, 9, e95831	3.7	8
41	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
40	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
39	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
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	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
36	Metabolomics insights into pathophysiological mechanisms of nephrology. *International Urology and Nephrology*, **2014**, 46, 1025-30	2.3	25
35	Potentiating therapeutic effects by enhancing synergism based on active constituents from traditional medicine. *Phytotherapy Research*, **2014**, 28, 526-33	6.7	80
34	Recent advances in metabolomics in neurological disease, and future perspectives. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 8143-50	4.4	52
33	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
32	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
31	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
30	High-throughput ultra-performance liquid chromatography-mass spectrometry characterization of metabolites guided by a bioinformatics program. *Molecular BioSystems*, **2013**, 9, 2259-65		26
29	Cell metabolomics. *OMICS A Journal of Integrative Biology*, **2013**, 17, 495-501	3.8	127
28	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
27	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
26	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
25	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

24	Recent advances in natural products from plants for treatment of liver diseases. *European Journal of Medicinal Chemistry*, **2013**, 63, 570-7	6.8	148
23	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
22	Metabolomics in noninvasive breast cancer. *Clinica Chimica Acta*, **2013**, 424, 3-7	6.2	70
21	Systems biology approach opens door to essence of acupuncture. *Complementary Therapies in Medicine*, **2013**, 21, 253-9	3.5	22
20	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
19	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
18	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
17	Recent highlights of metabolomics in chinese medicine syndrome research. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 402159	2.3	29
16	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
15	Urine metabolomics. *Clinica Chimica Acta*, **2012**, 414, 65-9	6.2	122
14	Exploratory urinary metabolic biomarkers and pathways using UPLC-Q-TOF-HDMS coupled with pattern recognition approach. *Analyst, The*, **2012**, 137, 4200-8	5	97
13	Future perspectives of personalized medicine in traditional Chinese medicine: a systems biology approach. *Complementary Therapies in Medicine*, **2012**, 20, 93-9	3.5	80
12	Predicting new molecular targets for rhein using network pharmacology. *BMC Systems Biology*, **2012**, 6, 20	3.5	33
11	Modern analytical techniques in metabolomics analysis. *Analyst, The*, **2012**, 137, 293-300	5	537
10	Future perspectives of Chinese medical formulae: chinmedomics as an effector. *OMICS A Journal of Integrative Biology*, **2012**, 16, 414-21	3.8	137
9	Saliva metabolomics opens door to biomarker discovery, disease diagnosis, and treatment. *Applied Biochemistry and Biotechnology*, **2012**, 168, 1718-27	3.2	134
8	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
7	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

6	Metabonomics for discovering biomarkers of hepatotoxicity and nephrotoxicity. *Die Pharmazie*, **2012**, 67, 99-105	1.5	33
5	Recent highlights of metabolomics for traditional Chinese medicine. *Die Pharmazie*, **2012**, 67, 667-75	1.5	19
4	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
3	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
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