Xi-jun Wang

List of Publications by Year
in descending order

263	13,561	14655 66	31849 101
papers	citations	h-index	g-index

292	292	292	11509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modern analytical techniques in metabolomics analysis. Analyst, The, 2012, 137, 293-300.	3.5	669
2	Traditional Chinese medicine for COVID-19 treatment. Pharmacological Research, 2020, 155, 104743.	7.1	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.	2.8	266
4	Urine Metabolomics Analysis for Biomarker Discovery and Detection of Jaundice Syndrome in Patients With Liver Disease. Molecular and Cellular Proteomics, 2012, 11, 370-380.	3.8	237
5	Recent and potential developments of biofluid analyses in metabolomics. Journal of Proteomics, 2012, 75, 1079-1088.	2.4	233
6	Metabolomics: Towards Understanding Traditional Chinese Medicine. Planta Medica, 2010, 76, 2026-2035.	1.3	230
7	Serum metabolomics as a novel diagnostic approach for disease: a systematic review. Analytical and Bioanalytical Chemistry, 2012, 404, 1239-1245.	3.7	206
8	Recent advances in natural products from plants for treatment of liver diseases. European Journal of Medicinal Chemistry, 2013, 63, 570-577.	5.5	203
9	Power of metabolomics in diagnosis and biomarker discovery of hepatocellular carcinoma. Hepatology, 2013, 57, 2072-2077.	7.3	198
10	Advances in mass spectrometry-based metabolomics for investigation of metabolites. RSC Advances, 2018, 8, 22335-22350.	3.6	188
11	Analysis of the constituents in the rat plasma after oral administration of Yin Chen Hao Tang by UPLC/Q-TOF-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 477-490.	2.8	173
12	Metabolomics for Biomarker Discovery: Moving to the Clinic. BioMed Research International, 2015, 2015, 1-6.	1.9	172
13	Saliva Metabolomics Opens Door to Biomarker Discovery, Disease Diagnosis, and Treatment. Applied Biochemistry and Biotechnology, 2012, 168, 1718-1727.	2.9	162
14	Pattern Recognition Approaches and Computational Systems Tools for Ultra Performance Liquid Chromatographyâ€“Mass Spectrometry-Based Comprehensive Metabolomic Profiling and Pathways Analysis of Biological Data Sets. Analytical Chemistry, 2012, 84, 428-439.	6.5	158
15	Future Perspectives of Chinese Medical Formulae: Chinmedomics as an Effector. OMICS A Journal of Integrative Biology, 2012, 16, 414-421.	2.0	156
16	Metabolomics in diagnosis and biomarker discovery of colorectal cancer. Cancer Letters, 2014, 345, 17-20.	7.2	156
17	Cell Metabolomics. OMICS A Journal of Integrative Biology, 2013, 17, 495-501.	2.0	153
18	Mass spectrometryâ€based metabolomics: applications to biomarker and metabolic pathway research. Biomedical Chromatography, 2016, 30, 7-12.	1.7	153

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19	Urine metabolomics. Clinica Chimica Acta, 2012, 414, 65-69.	1.1	144
20	Natural alkaloids: basic aspects, biological roles, and future perspectives. Chinese Journal of Natural Medicines, 2014, 12, 401-406.	1.3	144
21	Metabolomics Coupled with Proteomics Advancing Drug Discovery toward More Agile Development of Targeted Combination Therapies. Molecular and Cellular Proteomics, 2013, 12, 1226-1238.	3.8	142
22	Mass spectrometryâ€driven drug discovery for development of herbal medicine. Mass Spectrometry Reviews, 2018, 37, 307-320.	5.4	140
23	Metabolomics Study on the Toxicity of Aconite Root and Its Processed Products Using Ultraperformance Liquid-Chromatography/Electrospray-Ionization Synapt High-Definition Mass Spectrometry Coupled with Pattern Recognition Approach and Ingenuity Pathways Analysis. Journal of Proteome Research, 2012, 11, 1284-1301.	3.7	133
24	Pharmacokinetics screening for multi-components absorbed in the rat plasma after oral administration traditional Chinese medicine formula Yin-Chen-Hao-Tang by ultra performance liquid chromatography-electrospray ionization/quadrupole-time-of-flight mass spectrometry combined with pattern recognition methods. Analyst, The, 2011, 136, 5068.	3.5	130
25	Ultraâ€performance liquid chromatography coupled to mass spectrometry as a sensitive and powerful technology for metabolomic studies. Journal of Separation Science, 2011, 34, 3451-3459.	2.5	128
26	Metabolomic Analysis of Key Regulatory Metabolites in Hepatitis C Virusâ€“infected Tree Shrews. Molecular and Cellular Proteomics, 2013, 12, 710-719.	3.8	115
27	Exploratory urinary metabolic biomarkers and pathways using UPLC-Q-TOF-HDMS coupled with pattern recognition approach. Analyst, The, 2012, 137, 4200.	3.5	105
28	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.	2.3	105
29	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.	2.2	104
30	Potentiating Therapeutic Effects by Enhancing Synergism Based on Active Constituents from Traditional Medicine. Phytotherapy Research, 2014, 28, 526-533.	5.8	104
31	Chinmedomics: A Powerful Approach Integrating Metabolomics with Serum Pharmacochemistry to Evaluate the Efficacy of Traditional Chinese Medicine. Engineering, 2019, 5, 60-68.	6.7	102
32	Future perspectives of personalized medicine in traditional Chinese medicine: A systems biology approach. Complementary Therapies in Medicine, 2012, 20, 93-99.	2.7	99
33	Metabolomics biotechnology, applications, and future trends: a systematic review. RSC Advances, 2019, 9, 37245-37257.	3.6	99
34	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.	6.5	97
35	The application of metabolomics in traditional Chinese medicine opens up a dialogue between Chinese and Western medicine. Phytotherapy Research, 2015, 29, 159-166.	5.8	97
36	Identifying quality-markers from Shengmai San protects against transgenic mouse model of Alzheimer's disease using chinmedomics approach. Phytomedicine, 2018, 45, 84-92.	5.3	97

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37	Novel applications of mass spectrometryâ€based metabolomics in herbal medicines and its active ingredients: Current evidence. Mass Spectrometry Reviews, 2019, 38, 380-402.	5.4	95
38	Salivary proteomics in biomedical research. Clinica Chimica Acta, 2013, 415, 261-265.	1.1	94
39	Urinary metabolic profiling identifies a key role for glycocholic acid in human liver cancer by ultra-performance liquid-chromatography coupled with high-definition mass spectrometry. Clinica Chimica Acta, 2013, 418, 86-90.	1.1	93
40	Metabolomics study on Fuzi and its processed products using ultra-performance liquid-chromatography/electrospray-ionization synapt high-definition mass spectrometry coupled with pattern recognition analysis. Analyst, The, 2012, 137, 170-185.	3.5	91
41	Potential drug targets on insomnia and intervention effects of Jujuboside A through metabolic pathway analysis as revealed by UPLC/ESI-SYNAPT-HDMS coupled with pattern recognition approach. Journal of Proteomics, 2012, 75, 1411-1427.	2.4	90
42	Potential Role of Metabolomic Approaches for Chinese Medicine Syndromes and Herbal Medicine. Phytotherapy Research, 2012, 26, 1466-1471.	5.8	88
43	An integrated chinmedomics strategy for discovery of effective constituents from traditional herbal medicine. Scientific Reports, 2016, 6, 18997.	3.3	87
44	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.	2.8	86
45	Urinary metabolic profiling of rat models revealed protective function of scoparone against alcohol induced hepatotoxicity. Scientific Reports, 2014, 4, 6768.	3.3	86
46	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.	3.5	85
47	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.	1.2	85
48	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.	3.0	85
49	Thyroxine and reserpine-induced changes in metabolic profiles of rat urine and the therapeutic effect of Liu Wei Di Huang Wan detected by UPLC-HDMS. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 631-645.	2.8	84
50	Ultraâ€performance <scp>LC</scp>â€<scp>ESI</scp>/quadrupoleâ€<scp>TOF MS</scp> for rapid analysis of chemical constituents of <scp>S</scp>haoyaoâ€<scp>G</scp>ancao decoction. Journal of Separation Science, 2013, 36, 1238-1246.	2.5	84
51	Metabolomics in noninvasive breast cancer. Clinica Chimica Acta, 2013, 424, 3-7.	1.1	84
52	NMRâ€based metabolomics coupled with pattern recognition methods in biomarker discovery and disease diagnosis. Magnetic Resonance in Chemistry, 2013, 51, 549-556.	1.9	81
53	Rapid and global detection and characterization of aconitum alkaloids in Yin Chen Si Ni Tang, a traditional Chinese medical formula, by ultra performance liquid chromatographyâ€“high resolution mass spectrometry and automated data analysis. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 421-431.	2.8	80
54	Ingenuity pathways analysis of urine metabolomics phenotypes toxicity of Chuanwu in Wistar rats by UPLC-Q-TOF-HDMS coupled with pattern recognition methods. Molecular BioSystems, 2012, 8, 1206.	2.9	80

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55	UHPLC-MS for the analytical characterization of traditional Chinese medicines. TrAC - Trends in Analytical Chemistry, 2014, 63, 180-187.	11.4	80
56	Phenotypic characterization of nanshi oral liquid alters metabolic signatures during disease prevention. Scientific Reports, 2016, 6, 19333.	3.3	80
57	UPLCâ€“Qâ€TOFâ€“HDMS Analysis of Constituents in the Root of Two Kinds of Aconitum Using a Metabolomics Approach. Phytochemical Analysis, 2013, 24, 263-276.	2.4	78
58	Analytical strategies for the discovery and validation of quality-markers of traditional Chinese medicine. Phytomedicine, 2020, 67, 153165.	5.3	77
59	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.	2.3	76
60	Chinmedomics, a new strategy for evaluating the therapeutic efficacy of herbal medicines. , 2020, 216, 107680.		76
61	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.	3.5	75
62	Metabolomics in diabetes. Clinica Chimica Acta, 2014, 429, 106-110.	1.1	74
63	Metabolomics study of intervention effects of Wen-Xin-Formula using ultra high-performance liquid chromatography/mass spectrometry coupled with pattern recognition approach. Journal of Pharmaceutical and Biomedical Analysis, 2013, 74, 22-30.	2.8	73
64	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.	2.4	72
65	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.	11.4	71
66	Naringin Attenuates Cerebral Ischemia-Reperfusion Injury Through Inhibiting Peroxynitrite-Mediated Mitophagy Activation. Molecular Neurobiology, 2018, 55, 9029-9042.	4.0	71
67	Recent developments and emerging trends of mass spectrometry for herbal ingredients analysis. TrAC - Trends in Analytical Chemistry, 2017, 94, 70-76.	11.4	70
68	Urinary Metabolic Biomarker and Pathway Study of Hepatitis B Virus Infected Patients Based on UPLC-MS System. PLoS ONE, 2013, 8, e64381.	2.5	69
69	Emerging role and recent applications of metabolomics biomarkers in obesity disease research. RSC Advances, 2017, 7, 14966-14973.	3.6	67
70	Gut microbiota as important modulator of metabolism in health and disease. RSC Advances, 2018, 8, 42380-42389.	3.6	67
71	Metabolic urinary profiling of alcohol hepatotoxicity and intervention effects of Yin Chen Hao Tang in rats using ultra-performance liquid chromatography/electrospray ionization quadruple time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 1161-1168.	2.8	62
72	Recent advances in metabolomics in neurological disease, and future perspectives. Analytical and Bioanalytical Chemistry, 2013, 405, 8143-8150.	3.7	62

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73	High-throughput chinmedomics strategy for discovering the quality-markers and potential targets for Yinchenhao decoction. Phytomedicine, 2019, 54, 328-338.	5.3	62
74	Serum Proteomics in Biomedical Research: A Systematic Review. Applied Biochemistry and Biotechnology, 2013, 170, 774-786.	2.9	61
75	Profiling and identification of the absorbed constituents and metabolites of schisandra lignans by ultraâ€performance liquid chromatography coupled to mass spectrometry. Biomedical Chromatography, 2013, 27, 1511-1519.	1.7	61
76	An effective method for determining the ingredients of <scp>S</scp>huanghuanglian formula in blood samples using highâ€resolution <scp>LC</scp>â€“<scp>MS</scp> coupled with background subtraction and a multiple data processing approach. Journal of Separation Science, 2013, 36, 3191-3199.	2.5	61
77	Metabolic characterization and pathway analysis of berberine protects against prostate cancer. Oncotarget, 2017, 8, 65022-65041.	1.8	61
78	Functional metabolomics discover pentose and glucuronate interconversion pathways as promising targets for Yang Huang syndrome treatment with Yinchenhao Tang. RSC Advances, 2018, 8, 36831-36839.	3.6	61
79	High-Throughput Metabolomics Evaluate the Efficacy of Total Lignans From Acanthophanax Senticosus Stem Against Ovariectomized Osteoporosis Rat. Frontiers in Pharmacology, 2019, 10, 553.	3.5	61
80	Two decades of new drug discovery and development for Alzheimer's disease. RSC Advances, 2017, 7, 6046-6058.	3.6	60
81	Discovery of quality-marker ingredients of Panax quinquefolius driven by high-throughput chinmedomics approach. Phytomedicine, 2020, 74, 152928.	5.3	60
82	Pharmacokinetics of Hesperetin and Naringenin in the Zhi Zhu Wan, a Traditional Chinese Medicinal Formulae, and its Pharmacodynamics Study. Phytotherapy Research, 2013, 27, 1345-1351.	5.8	56
83	The Pharmacological Effects of Morroniside and Loganin Isolated from Liuweidihuang Wan, on MC3T3-E1 Cells. Molecules, 2010, 15, 7403-7414.	3.8	55
84	Rapid and global detection and characterization of the constituents in ShengMai San by ultraâ€performance liquid chromatographyâ€“highâ€definition mass spectrometry. Journal of Separation Science, 2011, 34, 3194-3199.	2.5	54
85	Omics strategies decipher therapeutic discoveries of traditional Chinese medicine against different diseases at multiple layers molecular-level. Pharmacological Research, 2020, 152, 104627.	7.1	53
86	Rapid identification and comparative analysis of the chemical constituents and metabolites ofPhellodendri amurensiscortex and Zhibai dihuang pill by ultra-performance liquid chromatography with quadrupole TOF-MS. Journal of Separation Science, 2013, 36, 3874-3882.	2.5	52
87	Dissect new mechanistic insights for geniposide efficacy on the hepatoprotection using multiomics approach. Oncotarget, 2017, 8, 108760-108770.	1.8	52
88	Systems Biology Technologies Enable Personalized Traditional Chinese Medicine: A Systematic Review. The American Journal of Chinese Medicine, 2012, 40, 1109-1122.	3.8	51
89	Metabolomics strategy reveals therapeutical assessment of limonin on nonbacterial prostatitis. Food and Function, 2015, 6, 3540-3549.	4.6	50
90	Targeting regulation of tryptophan metabolism for colorectal cancer therapy: a systematic review. RSC Advances, 2019, 9, 3072-3080.	3.6	50

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91	Network pharmacology combined with metabolomics approach to investigate the protective role and detoxification mechanism of Yunnan Baiyao formulation. Phytomedicine, 2020, 77, 153266.	5.3	50
92	Pharmacokinetics study of multiple components absorbed in rat plasma after oral administration of Stemonae radix using ultra-performance liquid-chromatography/mass spectrometry with automated MetaboLynx software analysis. Journal of Separation Science, 2012, 35, 3477-3485.	2.5	48
93	Proteomics study on the hepatoprotective effects of traditional Chinese medicine formulae Yin-Chen-Hao-Tang by a combination of two-dimensional polyacrylamide gel electrophoresis and matrix-assisted laser desorption/ionization-time of flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2013, 75, 173-179.	2.8	48
94	Insight into the metabolic mechanism of scoparone on biomarkers for inhibiting Yanghuang syndrome. Scientific Reports, 2016, 6, 37519.	3.3	48
95	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.	2.3	48
96	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.	0.6	48
97	Metabolomics Approaches and Applications in Prostate Cancer Research. Applied Biochemistry and Biotechnology, 2014, 174, 6-12.	2.9	47
98	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.	1.7	46
99	Protective effects of sweroside on human MG-63 cells and rat osteoblasts. FÃ¬toterapÃ¬Ã¢, 2013, 84, 174-179.	2.2	46
100	Screening the active compounds of Phellodendri Amurensis cortex for treating prostate cancer by high-throughput chinmedomics. Scientific Reports, 2017, 7, 46234.	3.3	46
101	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.	2.3	46
102	Recent Highlights of Metabolomics in Chinese Medicine Syndrome Research. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-4.	1.2	45
103	Metabolomics Coupled with Pattern Recognition and Pathway Analysis on Potential Biomarkers in Liver Injury and Hepatoprotective Effects of Yinchenhao. Applied Biochemistry and Biotechnology, 2014, 173, 857-869.	2.9	45
104	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.	2.5	45
105	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.	2.5	43
106	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.	3.6	43
107	Rapid discovery of quality-markers from Kaixin San using chinmedomics analysis approach. Phytomedicine, 2019, 54, 371-381.	5.3	43
108	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.	1.7	43

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109	Serum metabolomics strategy for understanding the therapeutic effects of Yin-Chen-Hao-Tang against Yanghuang syndrome. RSC Advances, 2018, 8, 7403-7413.	3.6	42
110	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.	3.7	39
111	Identification of the perturbed metabolic pathways associating with prostate cancer cells and anticancer affects of obacunone. Journal of Proteomics, 2019, 206, 103447.	2.4	39
112	Predicting new molecular targets for rhein using network pharmacology. BMC Systems Biology, 2012, 6, 20.	3.0	38
113	Metabolomics and Proteomics Annotate Therapeutic Properties of Geniposide: Targeting and Regulating Multiple Perturbed Pathways. PLoS ONE, 2013, 8, e71403.	2.5	38
114	Metabolite profiling and pathway analysis of acute hepatitis rats by <scp>UPLC</scp>â€<scp>ESI MS</scp> combined with pattern recognition methods. Liver International, 2014, 34, 759-770.	3.9	38
115	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
116	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.	3.6	38
117	Pharmacokinetics and tissue distribution study of scoparone in rats by ultraperformance liquid-chromatography with tandem high-definition mass spectrometry. FÃ¬toterapÃ¬Ã¢, 2012, 83, 795-800.	2.2	37
118	Proteomics Analysis of Hepatoprotective Effects for Scoparone Using MALDI-TOF/TOF Mass Spectrometry with Bioinformatics. OMICS A Journal of Integrative Biology, 2013, 17, 224-229.	2.0	37
119	Berberine Ameliorates Nonbacterial Prostatitis via Multi-Target Metabolic Network Regulation. OMICS A Journal of Integrative Biology, 2015, 19, 186-195.	2.0	37
120	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.	2.3	37
121	Functional metabolomics using UPLC-Q/TOF-MS combined with ingenuity pathway analysis as a promising strategy for evaluating the efficacy and discovering amino acid metabolism as a potential therapeutic mechanism-related target for geniposide against alcoholic liver disease. RSC Advances, 2020, 10, 2677-2690.	3.6	37
122	Pharmacokinetic study of schisandrin, schisandrol <scp>B</scp>, schisantherin <scp>A</scp>, deoxyschisandrin, and schisandrin <scp>B</scp> in rat plasma after oral administration of <scp>S</scp>hengmaisan formula by <scp>UPLC</scp>â€<scp>MS</scp>. Journal of Separation Science, 2013, 36, 485-491.	2.5	36
123	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.	2.5	36
124	Metabonomics for discovering biomarkers of hepatotoxicity and nephrotoxicity. Die Pharmazie, 2012, 67, 99-105.	0.5	36
125	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.	2.5	35
126	Technological advances in current metabolomics and its application in tradition Chinese medicine. RSC Advances, 2017, 7, 53516-53524.	3.6	35

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127	High-throughput chinmedomics-based prediction of effective components and targets from herbal medicine AS1350. Scientific Reports, 2016, 6, 38437.	3.3	34
128	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.	2.3	34
129	Chinmedomics facilitated quality-marker discovery of Sijunzi decoction to treat spleen qi deficiency syndrome. Frontiers of Medicine, 2020, 14, 335-356.	3.4	34
130	Chemical discrimination of cortex Phellodendri amurensis and cortex Phellodendri chinensis by multivariate analysis approach. Pharmacognosy Magazine, 2016, 12, 41.	0.6	34
131	<scp>UPLC</scp>â€“<scp>MS</scp>/<scp>MS</scp> performing pharmacokinetic and biodistribution studies of rhein. Journal of Separation Science, 2012, 35, 2063-2068.	2.5	33
132	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.	0.6	32
133	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
134	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.	0.6	32
135	Metabolomics-proteomics profiles delineate metabolic changes in kidney fibrosis disease. Proteomics, 2015, 15, 3699-3710.	2.2	31
136	Scoparone affects lipid metabolism in primary hepatocytes using lipidomics. Scientific Reports, 2016, 6, 28031.	3.3	30
137	Metabolomic Analysis of Diet-Induced Type 2 Diabetes Using UPLC/MS Integrated with Pattern Recognition Approach. PLoS ONE, 2014, 9, e93384.	2.5	29
138	Ultraâ€performance liquid chromatography tandem mass spectrometry combined with automated MetaboLynx analysis approach to screen the bioactive components and their metabolites in Wenâ€Xinâ€Formula. Biomedical Chromatography, 2014, 28, 1774-1781.	1.7	29
139	Highâ€throughput 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.	2.5	29
140	Alterations in the Gut Microbiota and Their Metabolites in Colorectal Cancer: Recent Progress and Future Prospects. Frontiers in Oncology, 2022, 12, 841552.	2.8	29
141	High-throughput ultra-performance liquid chromatography-mass spectrometry characterization of metabolites guided by a bioinformatics program. Molecular BioSystems, 2013, 9, 2259.	2.9	28
142	Metabolomics insights into pathophysiological mechanisms of nephrology. International Urology and Nephrology, 2014, 46, 1025-1030.	1.4	28
143	Efficacy of berberine in treatment of rheumatoid arthritis: From multiple targets to therapeutic potential. Pharmacological Research, 2021, 169, 105667.	7.1	28
144	High resolution metabolomics technology reveals widespread pathway changes of alcoholic liver disease. Molecular BioSystems, 2016, 12, 262-273.	2.9	27

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145	Current Trends and Innovations in Bioanalytical Techniques of Metabolomics. Critical Reviews in Analytical Chemistry, 2016, 46, 342-351.	3.5	27
146	Quality evaluation of Yin Chen Hao Tang extract based on fingerprint chromatogram and simultaneous determination of five bioactive constituents. Journal of Separation Science, 2008, 31, 9-15.	2.5	26
147	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.	2.7	26
148	Novel chinmedomics strategy for discovering effective constituents from ShenQiWan acting on ShenYangXu syndrome. Chinese Journal of Natural Medicines, 2016, 14, 561-581.	1.3	25
149	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.	2.5	25
150	Metabolomics and Its Potential in Drug Discovery and Development From TCM. World Journal of Traditional Chinese Medicine, 2015, 1, 26-32.	1.9	25
151	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.	2.5	24
152	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.	3.6	24
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