

# Xi-jun Wang

## List of Publications by Citations

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279  
papers

10,747  
citations

60  
h-index

90  
g-index

292  
ext. papers

12,210  
ext. citations

4.2  
avg, IF

6.75  
L-index

#	Paper	IF	Citations
279	Modern analytical techniques in metabolomics analysis. <i>Analyst, The</i> , <b>2012</b> , 137, 293-300	5	537
278	Traditional Chinese medicine for COVID-19 treatment. <i>Pharmacological Research</i> , <b>2020</b> , 155, 104743	10.2	288
277	Potential role of metabolomics approaches in the area of traditional Chinese medicine: as pillars of the bridge between Chinese and Western medicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 55, 859-68	3.5	236
276	Urine metabolomics analysis for biomarker discovery and detection of jaundice syndrome in patients with liver disease. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 370-80	7.6	210
275	Recent and potential developments of biofluid analyses in metabolomics. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 1079-88	3.9	190
274	Metabolomics: towards understanding traditional Chinese medicine. <i>Planta Medica</i> , <b>2010</b> , 76, 2026-35	3.1	188
273	Analysis of the constituents in the rat plasma after oral administration of Yin Chen Hao Tang by UPLC/Q-TOF-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 46, 477-90	3.5	162
272	Power of metabolomics in diagnosis and biomarker discovery of hepatocellular carcinoma. <i>Hepatology</i> , <b>2013</b> , 57, 2072-7	11.2	156
271	Serum metabolomics as a novel diagnostic approach for disease: a systematic review. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 1239-45	4.4	149
270	Recent advances in natural products from plants for treatment of liver diseases. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 63, 570-7	6.8	148
269	Pattern recognition approaches and computational systems tools for ultra performance liquid chromatography-mass spectrometry-based comprehensive metabolomic profiling and pathways analysis of biological data sets. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 428-39	7.8	146
268	Future perspectives of Chinese medical formulae: chinmedomics as an effector. <i>OMICS A Journal of Integrative Biology</i> , <b>2012</b> , 16, 414-21	3.8	137
267	Saliva metabolomics opens door to biomarker discovery, disease diagnosis, and treatment. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 168, 1718-27	3.2	134
266	Metabolomics in diagnosis and biomarker discovery of colorectal cancer. <i>Cancer Letters</i> , <b>2014</b> , 345, 17-20	9.9	130
265	Metabolomics coupled with proteomics advancing drug discovery toward more agile development of targeted combination therapies. <i>Molecular and Cellular Proteomics</i> , <b>2013</b> , 12, 1226-38	7.6	128
264	Cell metabolomics. <i>OMICS A Journal of Integrative Biology</i> , <b>2013</b> , 17, 495-501	3.8	127
263	Advances in mass spectrometry-based metabolomics for investigation of metabolites.. <i>RSC Advances</i> , <b>2018</b> , 8, 22335-22350	3.7	122

262	Urine metabolomics. <i>Clinica Chimica Acta</i> , <b>2012</b> , 414, 65-9	6.2	122
261	Mass spectrometry-based metabolomics: applications to biomarker and metabolic pathway research. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 7-12	1.7	120
260	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	5	118
259	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. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 1284-301	5.6	117
258	Ultra-performance liquid chromatography coupled to mass spectrometry as a sensitive and powerful technology for metabolomic studies. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 3451-9	3.4	115
257	Metabolomics for Biomarker Discovery: Moving to the Clinic. <i>BioMed Research International</i> , <b>2015</b> , 2015, 354671	3	109
256	Metabolomic analysis of key regulatory metabolites in hepatitis C virus-infected tree shrews. <i>Molecular and Cellular Proteomics</i> , <b>2013</b> , 12, 710-9	7.6	104
255	Exploratory urinary metabolic biomarkers and pathways using UPLC-Q-TOF-HDMS coupled with pattern recognition approach. <i>Analyst, The</i> , <b>2012</b> , 137, 4200-8	5	97
254	An in vivo analysis of the therapeutic and synergistic properties of Chinese medicinal formula Yin-Chen-Hao-Tang based on its active constituents. <i>Phytotherapy Research</i> , <b>2011</b> , 82, 1160-8	3.2	95
253	Mass spectrometry-driven drug discovery for development of herbal medicine. <i>Mass Spectrometry Reviews</i> , <b>2018</b> , 37, 307-320	11	92
252	Metabolomics approach to explore the effects of Kai-Xin-San on Alzheimer's disease using UPLC/ESI-Q-TOF mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1015-1016, 50-61	3.2	89
251	Natural alkaloids: basic aspects, biological roles, and future perspectives. <i>Chinese Journal of Natural Medicines</i> , <b>2014</b> , 12, 401-6	2.8	89
250	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. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 7606-12	7.8	85
249	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. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 1411-27	3.9	84
248	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. <i>Clinica Chimica Acta</i> , <b>2013</b> , 418, 86-90	6.2	83
247	Potentiating therapeutic effects by enhancing synergism based on active constituents from traditional medicine. <i>Phytotherapy Research</i> , <b>2014</b> , 28, 526-33	6.7	80
246	Future perspectives of personalized medicine in traditional Chinese medicine: a systems biology approach. <i>Complementary Therapies in Medicine</i> , <b>2012</b> , 20, 93-9	3.5	80
245	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. <i>Analyst, The</i> , <b>2012</b> , 137, 170-85	5	80

244	Ultra-performance LC-ESI/quadrupole-TOF MS for rapid analysis of chemical constituents of Shaoyao-Gancao decoction. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 1238-46	3.4	80
243	An integrated chinmedomics strategy for discovery of effective constituents from traditional herbal medicine. <i>Scientific Reports</i> , <b>2016</b> , 6, 18997	4.9	79
242	Metabolomic study of insomnia and intervention effects of Suanzaoren decoction using ultra-performance liquid-chromatography/electrospray-ionization synapt high-definition mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 58, 113-24	3.5	77
241	Salivary proteomics in biomedical research. <i>Clinica Chimica Acta</i> , <b>2013</b> , 415, 261-5	6.2	77
240	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. <i>Analyst, The</i> , <b>2013</b> , 138, 3303-12	5	76
239	Urinary metabolic profiling of rat models revealed protective function of scoparone against alcohol induced hepatotoxicity. <i>Scientific Reports</i> , <b>2014</b> , 4, 6768	4.9	75
238	Metabolomics study of type 2 diabetes using ultra-performance LC-ESI/quadrupole-TOF high-definition MS coupled with pattern recognition methods. <i>Journal of Physiology and Biochemistry</i> , <b>2014</b> , 70, 117-28	5	75
237	Ingenuity pathways analysis of urine metabolomics phenotypes toxicity of Chuanwu in Wistar rats by UPLC-Q-TOF-HDMS coupled with pattern recognition methods. <i>Molecular BioSystems</i> , <b>2012</b> , 8, 1206-21		75
236	The application of metabolomics in traditional Chinese medicine opens up a dialogue between Chinese and Western medicine. <i>Phytotherapy Research</i> , <b>2015</b> , 29, 159-66	6.7	73
235	Phenotypic characterization of nanshi oral liquid alters metabolic signatures during disease prevention. <i>Scientific Reports</i> , <b>2016</b> , 6, 19333	4.9	71
234	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 631-45	3.5	71
233	Metabolomics study on the hepatoprotective effect of scoparone using ultra-performance liquid chromatography/electrospray ionization quadruple time-of-flight mass spectrometry. <i>Analyst, The</i> , <b>2013</b> , 138, 353-61	5	70
232	Potential role of metabolomic approaches for Chinese medicine syndromes and herbal medicine. <i>Phytotherapy Research</i> , <b>2012</b> , 26, 1466-71	6.7	70
231	Metabolomics in noninvasive breast cancer. <i>Clinica Chimica Acta</i> , <b>2013</b> , 424, 3-7	6.2	70
230	Rapid and global detection and characterization of aconitum alkaloids in Yin Chen Si Ni Tang, a traditional Chinese medical formula, by ultra performance liquid chromatography-high resolution mass spectrometry and automated data analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 421-31	3.5	70
229	UPLC-Q-TOF-HDMS analysis of constituents in the root of two kinds of Aconitum using a metabolomics approach. <i>Phytochemical Analysis</i> , <b>2013</b> , 24, 263-76	3.4	69
228	Chinmedomics: A Powerful Approach Integrating Metabolomics with Serum Pharmacochemistry to Evaluate the Efficacy of Traditional Chinese Medicine. <i>Engineering</i> , <b>2019</b> , 5, 60-68	9.7	69
227	Metabolomics study of intervention effects of Wen-Xin-Formula using ultra high-performance liquid chromatography/mass spectrometry coupled with pattern recognition approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 74, 22-30	3.5	68

226	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. <i>Phytochemical Analysis</i> , <b>2012</b> , 23, 657-67	3.4	67
225	Serum metabolomics strategy for understanding pharmacological effects of ShenQi pill acting on kidney yang deficiency syndrome. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1026, 217-226	3.2	66
224	NMR-based metabolomics coupled with pattern recognition methods in biomarker discovery and disease diagnosis. <i>Magnetic Resonance in Chemistry</i> , <b>2013</b> , 51, 549-56	2.1	64
223	Urinary metabolic biomarker and pathway study of hepatitis B virus infected patients based on UPLC-MS system. <i>PLoS ONE</i> , <b>2013</b> , 8, e64381	3.7	64
222	Identifying quality-markers from Shengmai San protects against transgenic mouse model of Alzheimer's disease using chinmedomics approach. <i>Phytomedicine</i> , <b>2018</b> , 45, 84-92	6.5	63
221	UHPLC-MS for the analytical characterization of traditional Chinese medicines. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2014</b> , 63, 180-187	14.6	63
220	Novel applications of mass spectrometry-based metabolomics in herbal medicines and its active ingredients: Current evidence. <i>Mass Spectrometry Reviews</i> , <b>2019</b> , 38, 380-402	11	62
219	Discovery and development of innovative drug from traditional medicine by integrated chinmedomics strategies in the post-genomic era. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 76, 86-94	14.6	60
218	Metabolomics in diabetes. <i>Clinica Chimica Acta</i> , <b>2014</b> , 429, 106-10	6.2	59
217	Advancing drug discovery and development from active constituents of yinchenhao tang, a famous traditional chinese medicine formula. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 257909	2.3	59
216	Recent developments and emerging trends of mass spectrometry for herbal ingredients analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 94, 70-76	14.6	58
215	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 48, 1161-8	3.5	57
214	Emerging role and recent applications of metabolomics biomarkers in obesity disease research. <i>RSC Advances</i> , <b>2017</b> , 7, 14966-14973	3.7	56
213	Profiling and identification of the absorbed constituents and metabolites of schisandra lignans by ultra-performance liquid chromatography coupled to mass spectrometry. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 1511-9	1.7	56
212	Serum proteomics in biomedical research: a systematic review. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 170, 774-86	3.2	55
211	Metabolic characterization and pathway analysis of berberine protects against prostate cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 65022-65041	3.3	54
210	An effective method for determining the ingredients of Shuanghuanglian formula in blood samples using high-resolution LC-MS coupled with background subtraction and a multiple data processing approach. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3191-9	3.4	53
209	Recent advances in metabolomics in neurological disease, and future perspectives. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 8143-50	4.4	52

208	High-throughput chinmedomics strategy for discovering the quality-markers and potential targets for Yinchenhao decoction. <i>Phytomedicine</i> , <b>2019</b> , 54, 328-338	6.5	47
207	Rapid and global detection and characterization of the constituents in ShengMai San by ultra-performance liquid chromatography-high-definition mass spectrometry. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 3194-9	3.4	46
206	The pharmacological effects of morroniside and loganin isolated from Liuweidihuang Wan, on MC3T3-E1 cells. <i>Molecules</i> , <b>2010</b> , 15, 7403-14	4.8	46
205	Two decades of new drug discovery and development for Alzheimer's disease. <i>RSC Advances</i> , <b>2017</b> , 7, 6046-6058	3.7	45
204	High-Throughput Metabolomics Evaluate the Efficacy of Total Lignans From Acanthopanax Senticosus Stem Against Ovariectomized Osteoporosis Rat. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 553	5.6	45
203	Naringin Attenuates Cerebral Ischemia-Reperfusion Injury Through Inhibiting Peroxynitrite-Mediated Mitophagy Activation. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 9029-9042	6.2	45
202	Rapid identification and comparative analysis of the chemical constituents and metabolites of Phellodendri amurensis cortex and Zhibai dihuang pill by ultra-performance liquid chromatography with quadrupole TOF-MS. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3874-82	3.4	45
201	Dissect new mechanistic insights for geniposide efficacy on the hepatoprotection using multiomics approach. <i>Oncotarget</i> , <b>2017</b> , 8, 108760-108770	3.3	45
200	Metabolomics strategy reveals therapeutical assessment of limonin on nonbacterial prostatitis. <i>Food and Function</i> , <b>2015</b> , 6, 3540-9	6.1	44
199	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 75, 173-9	3.5	44
198	Systems biology technologies enable personalized traditional Chinese medicine: a systematic review. <i>The American Journal of Chinese Medicine</i> , <b>2012</b> , 40, 1109-22	6	44
197	Metabolomics coupled with pattern recognition and pathway analysis on potential biomarkers in liver injury and hepatoprotective effects of yinchenhao. <i>Applied Biochemistry and Biotechnology</i> , <b>2014</b> , 173, 857-69	3.2	43
196	Functional metabolomics discover pentose and glucuronate interconversion pathways as promising targets for Yang Huang syndrome treatment with Yinchenhao Tang.. <i>RSC Advances</i> , <b>2018</b> , 8, 36831-36839	3.7	43
195	Screening the active compounds of Phellodendri Amurensis cortex for treating prostate cancer by high-throughput chinmedomics. <i>Scientific Reports</i> , <b>2017</b> , 7, 46234	4.9	42
194	Insight into the metabolic mechanism of scoparone on biomarkers for inhibiting Yanghuang syndrome. <i>Scientific Reports</i> , <b>2016</b> , 6, 37519	4.9	42
193	Metabolomics approaches and applications in prostate cancer research. <i>Applied Biochemistry and Biotechnology</i> , <b>2014</b> , 174, 6-12	3.2	42
192	Gut microbiota as important modulator of metabolism in health and disease.. <i>RSC Advances</i> , <b>2018</b> , 8, 42380-42389	3.7	42
191	Discovery and verification of the potential targets from bioactive molecules by network pharmacology-based target prediction combined with high-throughput metabolomics. <i>RSC Advances</i> , <b>2017</b> , 7, 51069-51078	3.7	41

190	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. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 1742-7	3.4	41
189	Pharmacokinetics study of multiple components absorbed in rat plasma after oral administration of <i>Stemona radix</i> using ultra-performance liquid-chromatography/mass spectrometry with automated MetaboLynx software analysis. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 3477-85	3.4	41
188	Cell metabolomics identify regulatory pathways and targets of magnoline against prostate cancer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1102-1103, 143-151	3.2	40
187	Serum metabolomics strategy for understanding the therapeutic effects of Yin-Chen-Hao-Tang against Yanghuang syndrome.. <i>RSC Advances</i> , <b>2018</b> , 8, 7403-7413	3.7	39
186	Targeting regulation of tryptophan metabolism for colorectal cancer therapy: a systematic review.. <i>RSC Advances</i> , <b>2019</b> , 9, 3072-3080	3.7	38
185	High-throughput lipidomics characterize key lipid molecules as potential therapeutic targets of Kaixinsan protects against Alzheimer's disease in APP/PS1 transgenic mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1092, 286-295	3.2	37
184	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. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 844-50	1.7	37
183	Pharmacokinetics of hesperetin and naringenin in the Zhi Zhu Wan, a traditional Chinese medicinal formulae, and its pharmacodynamics study. <i>Phytotherapy Research</i> , <b>2013</b> , 27, 1345-51	6.7	37
182	Application of Ultra-performance Liquid Chromatography with Time-of-Flight Mass Spectrometry for the Rapid Analysis of Constituents and Metabolites from the Extracts of <i>Acanthopanax senticosus</i> Harms Leaf. <i>Pharmacognosy Magazine</i> , <b>2016</b> , 12, 145-52	0.8	37
181	Metabolomics biotechnology, applications, and future trends: a systematic review.. <i>RSC Advances</i> , <b>2019</b> , 9, 37245-37257	3.7	36
180	Network pharmacology combined with functional metabolomics discover bile acid metabolism as a promising target for mirabilite against colorectal cancer.. <i>RSC Advances</i> , <b>2018</b> , 8, 30061-30070	3.7	35
179	Metabolite profiling and pathway analysis of acute hepatitis rats by UPLC-ESI MS combined with pattern recognition methods. <i>Liver International</i> , <b>2014</b> , 34, 759-70	7.9	35
178	Characterization of the multiple components of <i>Acanthopanax Senticosus</i> stem by ultra high performance liquid chromatography with quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 496-502	3.4	34
177	Protective effects of sweroside on human MG-63 cells and rat osteoblasts. <i>Phytotherapy Research</i> , <b>2013</b> , 84, 174-9	3.2	34
176	Predicting new molecular targets for rhein using network pharmacology. <i>BMC Systems Biology</i> , <b>2012</b> , 6, 20	3.5	33
175	Rapid discovery of quality-markers from Kaixin San using chinmedomics analysis approach. <i>Phytomedicine</i> , <b>2019</b> , 54, 371-381	6.5	33
174	Metabonomics for discovering biomarkers of hepatotoxicity and nephrotoxicity. <i>Die Pharmazie</i> , <b>2012</b> , 67, 99-105	1.5	33
173	High-Throughput Metabolomics for Discovering Potential Metabolite Biomarkers and Metabolic Mechanism from the APPswe/PS1dE9 Transgenic Model of Alzheimer's Disease. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 3219-3228	5.6	32

172	Berberine ameliorates nonbacterial prostatitis via multi-target metabolic network regulation. <i>OMICS A Journal of Integrative Biology</i> , <b>2015</b> , 19, 186-95	3.8	32
171	Metabolomics and proteomics technologies to explore the herbal preparation affecting metabolic disorders using high resolution mass spectrometry. <i>Molecular BioSystems</i> , <b>2017</b> , 13, 320-329		31
170	High-throughput metabolomics screen coupled with multivariate statistical analysis identifies therapeutic targets in alcoholic liver disease rats using liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1109, 112-120	3.2	31
169	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. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 4700-4711	3.4	31
168	Pharmacokinetic study of schisandrin, schisandrol B, schisantherin A, deoxyschisandrin, and schisandrin B in rat plasma after oral administration of Shengmaisan formula by UPLC-MS. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 485-91	3.4	31
167	Pharmacokinetics and tissue distribution study of scoparone in rats by ultraperformance liquid-chromatography with tandem high-definition mass spectrometry. <i>Phytotherapy Research</i> , <b>2012</b> , 83, 795-800	3.2	31
166	Ultra-performance liquid chromatography coupled with electrospray ionization/quadrupole-time-of-flight mass spectrometry for rapid analysis of constituents of Suanzaoren decoction. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 3208-15	3.4	31
165	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. <i>Biomedical Chromatography</i> , <b>2020</b> , 34, e4724	1.7	31
164	High-throughput chinmedomics-based prediction of effective components and targets from herbal medicine AS1350. <i>Scientific Reports</i> , <b>2016</b> , 6, 38437	4.9	31
163	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1081-1082, 41-50	3.2	30
162	Proteomics analysis of hepatoprotective effects for scoparone using MALDI-TOF/TOF mass spectrometry with bioinformatics. <i>OMICS A Journal of Integrative Biology</i> , <b>2013</b> , 17, 224-9	3.8	30
161	Technological advances in current metabolomics and its application in tradition Chinese medicine. <i>RSC Advances</i> , <b>2017</b> , 7, 53516-53524	3.7	29
160	Metabolomics and proteomics annotate therapeutic properties of geniposide: targeting and regulating multiple perturbed pathways. <i>PLoS ONE</i> , <b>2013</b> , 8, e71403	3.7	29
159	Recent highlights of metabolomics in chinese medicine syndrome research. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 402159	2.3	29
158	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.. <i>RSC Advances</i> , <b>2020</b> , 10, 2677-2690	3.7	28
157	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. <i>Molecular BioSystems</i> , <b>2016</b> , 13, 73-82		28
156	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. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, 497-502	0.8	28
155	UPLC-MS/MS performing pharmacokinetic and biodistribution studies of rhein. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 2063-8	3.4	28



154	Analytical strategies for the discovery and validation of quality-markers of traditional Chinese medicine. <i>Phytomedicine</i> , <b>2020</b> , 67, 153165	6.5	28
153	Discovery of quality-marker ingredients of Panax quinquefolius driven by high-throughput chinmedomics approach. <i>Phytomedicine</i> , <b>2020</b> , 74, 152928	6.5	27
152	Identification of the perturbed metabolic pathways associating with prostate cancer cells and anticancer affects of obacunone. <i>Journal of Proteomics</i> , <b>2019</b> , 206, 103447	3.9	26
151	Ultra-performance liquid chromatography tandem mass spectrometry combined with automated MetaboLynx analysis approach to screen the bioactive components and their metabolites in Wen-Xin-Formula. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 1774-81	1.7	26
150	High-throughput ultra-performance liquid chromatography-mass spectrometry characterization of metabolites guided by a bioinformatics program. <i>Molecular BioSystems</i> , <b>2013</b> , 9, 2259-65		26
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