

Wei Jia

List of Publications by Year in descending order

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298
papers

24,372
citations

8755

75
h-index

10158

140
g-index

304
all docs

304
docs citations

304
times ranked

33288
citing authors

#	ARTICLE	IF	CITATIONS
1	Host-Gut Microbiota Metabolic Interactions. <i>Science</i> , 2012, 336, 1262-1267.	12.6	3,693
2	Structural segregation of gut microbiota between colorectal cancer patients and healthy volunteers. <i>ISME Journal</i> , 2012, 6, 320-329.	9.8	1,038
3	Symbiotic gut microbes modulate human metabolic phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2117-2122.	7.1	994
4	Coordination compounds in nuclear medicine. <i>Chemical Reviews</i> , 1993, 93, 1137-1156.	47.7	539
5	Gut microbiota: a potential new territory for drug targeting. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 123-129.	46.4	426
6	Theabrownin from Pu-erh tea attenuates hypercholesterolemia via modulation of gut microbiota and bile acid metabolism. <i>Nature Communications</i> , 2019, 10, 4971.	12.8	418
7	Altered bile acid profile associates with cognitive impairment in Alzheimer's disease—An emerging role for gut microbiome. <i>Alzheimer's and Dementia</i> , 2019, 15, 76-92.	0.8	396
8	Serum Metabolite Profiling of Human Colorectal Cancer Using GC-TOFMS and UPLC-QTOFMS. <i>Journal of Proteome Research</i> , 2009, 8, 4844-4850.	3.7	363
9	The long noncoding RNA lnc-EGFR stimulates T-regulatory cells differentiation thus promoting hepatocellular carcinoma immune evasion. <i>Nature Communications</i> , 2017, 8, 15129.	12.8	271
10	The Footprints of Gut Microbial—Mammalian Co-Metabolism. <i>Journal of Proteome Research</i> , 2011, 10, 5512-5522.	3.7	268
11	Serum and Urine Metabolite Profiling Reveals Potential Biomarkers of Human Hepatocellular Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004945.	3.8	267
12	Altered Bile Acid Metabolome in Patients with Nonalcoholic Steatohepatitis. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3318-3328.	2.3	251
13	A distinct glucose metabolism signature of acute myeloid leukemia with prognostic value. <i>Blood</i> , 2014, 124, 1645-1654.	1.4	232
14	Antidiabetic herbal drugs officially approved in China. <i>Phytotherapy Research</i> , 2003, 17, 1127-1134.	5.8	212
15	A targeted metabolomic protocol for short-chain fatty acids and branched-chain amino acids. <i>Metabolomics</i> , 2013, 9, 818-827.	3.0	212
16	Therapeutic Modulation of Microbiota-Host Metabolic Interactions. <i>Science Translational Medicine</i> , 2012, 4, 137rv6.	12.4	211
17	Urinary Metabonomic Study on Colorectal Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 1627-1634.	3.7	203
18	Altered bile acid profile in mild cognitive impairment and Alzheimer's disease: Relationship to neuroimaging and CSF biomarkers. <i>Alzheimer's and Dementia</i> , 2019, 15, 232-244.	0.8	198

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19	Autophagy Regulates Endoplasmic Reticulum Homeostasis and Calcium Mobilization in T Lymphocytes. <i>Journal of Immunology</i> , 2011, 186, 1564-1574.	0.8	197
20	Anti-influenza agents from plants and traditional Chinese medicine. <i>Phytotherapy Research</i> , 2006, 20, 335-341.	5.8	188
21	The influence of gut microbiota on drug metabolism and toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 31-40.	3.3	187
22	Salivary metabolite signatures of oral cancer and leukoplakia. <i>International Journal of Cancer</i> , 2011, 129, 2207-2217.	5.1	185
23	Distinct Urinary Metabolic Profile of Human Colorectal Cancer. <i>Journal of Proteome Research</i> , 2012, 11, 1354-1363.	3.7	184
24	Temporal Regulation of Intracellular Organelle Homeostasis in T Lymphocytes by Autophagy. <i>Journal of Immunology</i> , 2011, 186, 5313-5322.	0.8	181
25	Distinctly altered gut microbiota in the progression of liver disease. <i>Oncotarget</i> , 2016, 7, 19355-19366.	1.8	180
26	Quercetin is equally or more effective than resveratrol in attenuating tumor necrosis factor- α -mediated inflammation and insulin resistance in primary human adipocytes. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 1511-1521.	4.7	177
27	Enhanced Fructose Utilization Mediated by SLC2A5 Is a Unique Metabolic Feature of Acute Myeloid Leukemia with Therapeutic Potential. <i>Cancer Cell</i> , 2016, 30, 779-791.	16.8	176
28	Dysregulated hepatic bile acids collaboratively promote liver carcinogenesis. <i>International Journal of Cancer</i> , 2016, 139, 1764-1775.	5.1	169
29	Metabolic profiling reveals disorder of amino acid metabolism in four brain regions from a rat model of chronic unpredictable mild stress. <i>FEBS Letters</i> , 2008, 582, 2627-2636.	2.8	164
30	Metabonomics Identifies Serum Metabolite Markers of Colorectal Cancer. <i>Journal of Proteome Research</i> , 2013, 12, 3000-3009.	3.7	163
31	Alteration of bile acid metabolism in the rat induced by chronic ethanol consumption. <i>FASEB Journal</i> , 2013, 27, 3583-3593.	0.5	162
32	Ultra-performance LC/TOF MS analysis of medicinal <i>Panax</i> herbs for metabolomic research. <i>Journal of Separation Science</i> , 2008, 31, 1015-1026.	2.5	161
33	Inter-species transplantation of gut microbiota from human to pigs. <i>ISME Journal</i> , 2007, 1, 156-162.	9.8	152
34	Targeting the alternative bile acid synthetic pathway for metabolic diseases. <i>Protein and Cell</i> , 2021, 12, 411-425.	11.0	146
35	A Distinct Metabolic Signature of Human Colorectal Cancer with Prognostic Potential. <i>Clinical Cancer Research</i> , 2014, 20, 2136-2146.	7.0	141
36	Plasma Metabolite Profiles of Alzheimer's Disease and Mild Cognitive Impairment. <i>Journal of Proteome Research</i> , 2014, 13, 2649-2658.	3.7	140

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37	Branched-chain and aromatic amino acid profiles and diabetes risk in Chinese populations. <i>Scientific Reports</i> , 2016, 6, 20594.	3.3	140
38	Metabolite analysis of human fecal water by gas chromatography/mass spectrometry with ethyl chloroformate derivatization. <i>Analytical Biochemistry</i> , 2009, 393, 163-175.	2.4	132
39	Metabolomic Profiling to Identify Potential Serum Biomarkers for Schizophrenia and Risperidone Action. <i>Journal of Proteome Research</i> , 2011, 10, 5433-5443.	3.7	130
40	Melamine-Induced Renal Toxicity Is Mediated by the Gut Microbiota. <i>Science Translational Medicine</i> , 2013, 5, 172ra22.	12.4	129
41	Profiling of Serum Bile Acids in a Healthy Chinese Population Using UPLC-MS/MS. <i>Journal of Proteome Research</i> , 2015, 14, 850-859.	3.7	129
42	Metabonomics of Human Colorectal Cancer: New Approaches for Early Diagnosis and Biomarker Discovery. <i>Journal of Proteome Research</i> , 2014, 13, 3857-3870.	3.7	127
43	Prognostic significance of 2-hydroxyglutarate levels in acute myeloid leukemia in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17017-17022.	7.1	125
44	Metabonomic Variations in the Drug-Treated Type 2 Diabetes Mellitus Patients and Healthy Volunteers. <i>Journal of Proteome Research</i> , 2009, 8, 1623-1630.	3.7	123
45	Novel personalized pathway-based metabolomics models reveal key metabolic pathways for breast cancer diagnosis. <i>Genome Medicine</i> , 2016, 8, 34.	8.2	122
46	High Throughput and Quantitative Measurement of Microbial Metabolome by Gas Chromatography/Mass Spectrometry Using Automated Alkyl Chloroformate Derivatization. <i>Analytical Chemistry</i> , 2017, 89, 5565-5577.	6.5	117
47	A Combined Proteomics and Metabolomics Profiling of Gastric Cardia Cancer Reveals Characteristic Dysregulations in Glucose Metabolism. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2617-2628.	3.8	116
48	Chronic Ethanol Consumption Alters Mammalian Gastrointestinal Content Metabolites. <i>Journal of Proteome Research</i> , 2013, 12, 3297-3306.	3.7	116
49	Metabonomic Study of Aristolochic Acid-Induced Nephrotoxicity in Rats. <i>Journal of Proteome Research</i> , 2006, 5, 995-1002.	3.7	113
50	Network Pharmacology in Traditional Chinese Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-2.	1.2	112
51	Characterization of Pu-erh Tea Using Chemical and Metabolic Profiling Approaches. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3046-3054.	5.2	111
52	Circulating Unsaturated Fatty Acids Delineate the Metabolic Status of Obese Individuals. <i>EBioMedicine</i> , 2015, 2, 1513-1522.	6.1	110
53	Metabolomic profiling can predict which humans will develop liver dysfunction when deprived of dietary choline. <i>FASEB Journal</i> , 2010, 24, 2962-2975.	0.5	107
54	Germline BAP1 mutations induce a Warburg effect. <i>Cell Death and Differentiation</i> , 2017, 24, 1694-1704.	11.2	105

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55	The extracellular matrix protein mindin serves as an integrin ligand and is critical for inflammatory cell recruitment. <i>Blood</i> , 2005, 106, 3854-3859.	1.4	104
56	Metabolic profiling using combined GC-MS and LC-MS provides a systems understanding of aristolochic acid-induced nephrotoxicity in rat. <i>FEBS Letters</i> , 2007, 581, 707-711.	2.8	104
57	The rediscovery of ancient Chinese herbal formulas. <i>Phytotherapy Research</i> , 2004, 18, 681-686.	5.8	103
58	Metabolite profiling of <i>Panax notoginseng</i> using UPLC-ESI-MS. <i>Phytochemistry</i> , 2008, 69, 2237-2244.	2.9	103
59	Insulin resistance and the metabolism of branched-chain amino acids. <i>Frontiers of Medicine</i> , 2013, 7, 53-59.	3.4	101
60	A Clostridia-rich microbiota enhances bile acid excretion in diarrhea-predominant irritable bowel syndrome. <i>Journal of Clinical Investigation</i> , 2019, 130, 438-450.	8.2	101
61	Gender differences in hepatocellular cancer: disparities in nonalcoholic fatty liver disease/steatohepatitis and liver transplantation. <i>Hepatoma Research</i> , 2018, 4, 66.	1.5	98
62	Application of ultra-performance LC-TOF MS metabolite profiling techniques to the analysis of medicinal <i>Panax</i> herbs. <i>Metabolomics</i> , 2008, 4, 248-260.	3.0	97
63	Use of the Metabolomics Approach to Characterize Chinese Medicinal Material Huangqi. <i>Molecular Plant</i> , 2012, 5, 376-386.	8.3	95
64	GSimp: A Gibbs sampler based left-censored missing value imputation approach for metabolomics studies. <i>PLoS Computational Biology</i> , 2018, 14, e1005973.	3.2	92
65	Pharmacometabonomic Phenotyping Reveals Different Responses to Xenobiotic Intervention in Rats. <i>Journal of Proteome Research</i> , 2007, 6, 1364-1370.	3.7	91
66	Urinary Metabolite Markers of Precocious Puberty. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011072.	3.8	91
67	Mass Spectrometry-Based Quantitative Metabolomics Revealed a Distinct Lipid Profile in Breast Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2013, 14, 8047-8061.	4.1	91
68	Metabolic Substrates Exhibit Differential Effects on Functional Parameters of Mouse Sperm Capacitation1. <i>Biology of Reproduction</i> , 2012, 87, 75.	2.7	89
69	Metabonomic Evaluation of Melamine-Induced Acute Renal Toxicity in Rats. <i>Journal of Proteome Research</i> , 2010, 9, 125-133.	3.7	87
70	Supplementation of Milled Chia Seeds Increases Plasma ALA and EPA in Postmenopausal Women. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 105-110.	3.2	87
71	Autophagy regulates T lymphocyte proliferation through selective degradation of the cell-cycle inhibitor CDKN1B/p27Kip1. <i>Autophagy</i> , 2015, 11, 2335-2345.	9.1	87
72	Analysis of transcriptome and metabolome profiles alterations in fatty liver induced by high-fat diet in rat. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 554-560.	3.4	86

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73	Metabonomic Study on the Biochemical Profiles of A Hydrocortisone-Induced Animal Model. <i>Journal of Proteome Research</i> , 2005, 4, 2391-2396.	3.7	85
74	Paeonol Attenuates High-Fat-Diet-Induced Atherosclerosis in Rabbits by Anti-Inflammatory Activity. <i>Planta Medica</i> , 2009, 75, 7-11.	1.3	82
75	Transcriptomic and Metabonomic Profiling of Obesity-Prone and Obesity-Resistant Rats under High Fat Diet. <i>Journal of Proteome Research</i> , 2008, 7, 4775-4783.	3.7	81
76	Pharmacological activation of aldehyde dehydrogenase 2 by Alda-1 reverses alcohol-induced hepatic steatosis and cell death in mice. <i>Journal of Hepatology</i> , 2015, 62, 1375-1381.	3.7	79
77	Serum Bile Acids Are Associated with Pathological Progression of Hepatitis B-Induced Cirrhosis. <i>Journal of Proteome Research</i> , 2016, 15, 1126-1134.	3.7	78
78	Protective effect of flavonoids from <i>Scutellaria baicalensis</i> Georgi on cerebral ischemia injury. <i>Journal of Ethnopharmacology</i> , 2006, 108, 355-360.	4.1	77
79	Novel Applications of Metabolomics in Personalized Medicine: A Mini-Review. <i>Molecules</i> , 2017, 22, 1173.	3.8	76
80	Tryptophan Predicts the Risk for Future Type 2 Diabetes. <i>PLoS ONE</i> , 2016, 11, e0162192.	2.5	74
81	Emerging Applications of Metabolomics in Clinical Pharmacology. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 544-556.	4.7	73
82	An optimized procedure for metabonomic analysis of rat liver tissue using gas chromatography/time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 589-596.	2.8	72
83	Metabolomics in human type 2 diabetes research. <i>Frontiers of Medicine</i> , 2013, 7, 4-13.	3.4	70
84	Plasma Metabolite Biomarkers for the Detection of Pancreatic Cancer. <i>Journal of Proteome Research</i> , 2015, 14, 1195-1202.	3.7	70
85	Activation of peroxisome proliferator-activated receptor- α by rosiglitazone improves lipid homeostasis at the adipose tissue-liver axis in ethanol-fed mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G548-G557.	3.4	69
86	ADAP-GC 2.0: Deconvolution of Coeluting Metabolites from GC/TOF-MS Data for Metabolomics Studies. <i>Analytical Chemistry</i> , 2012, 84, 6619-6629.	6.5	69
87	High Fat Diet Feeding Exaggerates Perfluorooctanoic Acid-Induced Liver Injury in Mice via Modulating Multiple Metabolic Pathways. <i>PLoS ONE</i> , 2013, 8, e61409.	2.5	69
88	Serum Metabolic Signatures of Four Types of Human Arthritis. <i>Journal of Proteome Research</i> , 2013, 12, 3769-3779.	3.7	68
89	Metabonomics Approach to Understanding Acute and Chronic Stress in Rat Models. <i>Journal of Proteome Research</i> , 2009, 8, 2511-2518.	3.7	66
90	Gut Microbiota and Nonalcoholic Fatty Liver Disease: Insights on Mechanism and Application of Metabolomics. <i>International Journal of Molecular Sciences</i> , 2016, 17, 300.	4.1	65

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91	ADAP-GC 3.0: Improved Peak Detection and Deconvolution of Co-eluting Metabolites from GC/TOF-MS Data for Metabolomics Studies. <i>Analytical Chemistry</i> , 2016, 88, 8802-8811.	6.5	63
92	High expression of long non-coding RNA MALAT1 in breast cancer is associated with poor relapse-free survival. <i>Breast Cancer Research and Treatment</i> , 2018, 171, 261-271.	2.5	63
93	Metabolic Regulatory Network Alterations in Response to Acute Cold Stress and Ginsenoside Intervention. <i>Journal of Proteome Research</i> , 2007, 6, 3449-3455.	3.7	62
94	An Integrated Metabolomics and Pharmacokinetics Strategy for Multi-Component Drugs Evaluation. <i>Current Drug Metabolism</i> , 2010, 11, 105-114.	1.2	62
95	An Automated Data Analysis Pipeline for GC-TOF-MS Metabolomics Studies. <i>Journal of Proteome Research</i> , 2010, 9, 5974-5981.	3.7	59
96	American Ginseng Attenuates Colitis-Associated Colon Carcinogenesis in Mice: Impact on Gut Microbiota and Metabolomics. <i>Cancer Prevention Research</i> , 2016, 9, 803-811.	1.5	59
97	GNAI1 and GNAI3 Reduce Colitis-Associated Tumorigenesis in Mice by Blocking IL6 Signaling and Down-regulating Expression of GNAI2. <i>Gastroenterology</i> , 2019, 156, 2297-2312.	1.3	59
98	GC-MS with ethyl chloroformate derivatization for comprehensive analysis of metabolites in serum and its application to human uremia. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2881-2889.	3.7	58
99	PYCR1 and PYCR2 Interact and Collaborate with RRM2B to Protect Cells from Overt Oxidative Stress. <i>Scientific Reports</i> , 2016, 6, 18846.	3.3	58
100	Traditional Chinese Medicine Zheng in the Era of Evidence-Based Medicine: A Literature Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	1.2	57
101	LINC00472 expression is regulated by promoter methylation and associated with disease-free survival in patients with grade 2 breast cancer. <i>Breast Cancer Research and Treatment</i> , 2015, 154, 473-482.	2.5	57
102	Metabolic Fate of Tea Polyphenols in Humans. <i>Journal of Proteome Research</i> , 2012, 11, 3449-3457.	3.7	56
103	A network-based analysis of traditional Chinese medicine cold and hot patterns in rheumatoid arthritis. <i>Complementary Therapies in Medicine</i> , 2012, 20, 23-30.	2.7	54
104	Transcriptomic and Metabolomic Profiling Reveal Synergistic Effects of Quercetin and Resveratrol Supplementation in High Fat Diet Fed Mice. <i>Journal of Proteome Research</i> , 2012, 11, 4961-4971.	3.7	54
105	Metabolomics Profiling for Obstructive Sleep Apnea and Simple Snorers. <i>Scientific Reports</i> , 2016, 6, 30958.	3.3	54
106	Compositional Differences and Similarities between Typical Chinese Baijiu and Western Liquor as Revealed by Mass Spectrometry-Based Metabolomics. <i>Metabolites</i> , 2019, 9, 2.	2.9	54
107	Metabolomics approaches for characterizing metabolic interactions between host and its commensal microbes. <i>Electrophoresis</i> , 2013, 34, 2787-2798.	2.4	53
108	The Metabolite Profiles of the Obese Population Are Gender-Dependent. <i>Journal of Proteome Research</i> , 2014, 13, 4062-4073.	3.7	53

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109	Long non-coding RNAs, ASAP1-IT1, FAM215A, and LINC00472, in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2016, 143, 642-649.	1.4	53
110	Traditional Chinese medicine: balancing the gut ecosystem. <i>Phytotherapy Research</i> , 2009, 23, 1332-1335.	5.8	52
111	Altered Tissue Metabolites Correlate with Microbial Dysbiosis in Colorectal Adenomas. <i>Journal of Proteome Research</i> , 2014, 13, 1921-1929.	3.7	52
112	Distinct Plasma Bile Acid Profiles of Biliary Atresia and Neonatal Hepatitis Syndrome. <i>Journal of Proteome Research</i> , 2015, 14, 4844-4850.	3.7	52
113	Seminal plasma metabolomics approach for the diagnosis of unexplained male infertility. <i>PLoS ONE</i> , 2017, 12, e0181115.	2.5	52
114	Ursodeoxycholic acid accelerates bile acid enterohepatic circulation. <i>British Journal of Pharmacology</i> , 2019, 176, 2848-2863.	5.4	52
115	The Brain Metabolome of Male Rats across the Lifespan. <i>Scientific Reports</i> , 2016, 6, 24125.	3.3	51
116	Dysregulated bile acid signaling contributes to the neurological impairment in murine models of acute and chronic liver failure. <i>EBioMedicine</i> , 2018, 37, 294-306.	6.1	51
117	GLUT5-mediated fructose utilization drives lung cancer growth by stimulating fatty acid synthesis and AMPK/mTORC1 signaling. <i>JCI Insight</i> , 2020, 5, .	5.0	51
118	Metabolome and gut microbiota variation with long-term intake of <i>Panax ginseng</i> extracts on rats. <i>Food and Function</i> , 2018, 9, 3547-3556.	4.6	50
119	Gut microbiota alterations are distinct for primary colorectal cancer and hepatocellular carcinoma. <i>Protein and Cell</i> , 2021, 12, 374-393.	11.0	50
120	Analysis of dencichine in <i>Panax notoginseng</i> by gas chromatography–mass spectrometry with ethyl chloroformate derivatization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 920-925.	2.8	49
121	Mass Spectrometry-Based Metabolic Profiling of Rat Urine Associated with General Toxicity Induced by the Multiglycoside of <i>Tripterygium wilfordii</i> Hook. f.. <i>Chemical Research in Toxicology</i> , 2008, 21, 288-294.	3.3	49
122	Key Role for the 12-Hydroxy Group in the Negative Ion Fragmentation of Unconjugated C24 Bile Acids. <i>Analytical Chemistry</i> , 2016, 88, 7041-7048.	6.5	49
123	Calorie restriction and its impact on gut microbial composition and global metabolism. <i>Frontiers of Medicine</i> , 2018, 12, 634-644.	3.4	49
124	Comparison of Flavonoid Composition of Red Raspberries (<i>Rubus idaeus</i> L.) Grown in the Southern United States. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5779-5786.	5.2	48
125	The in vivo and in vitro study of polysaccharides from a two-herb formula on ulcerative colitis and potential mechanism of action. <i>Journal of Ethnopharmacology</i> , 2014, 153, 151-159.	4.1	48
126	Herbal medicine Yinchonhaotang protects against Î±- <i>naphthylisothiocyanate</i> -induced cholestasis in rats. <i>Scientific Reports</i> , 2017, 7, 4211.	3.3	48

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127	The antidiabetic activity of total lignan from <i>Fructus Arctii</i> against alloxan-induced diabetes in mice and rats. <i>Phytotherapy Research</i> , 2008, 22, 97-101.	5.8	47
128	Urine metabolite profiling offers potential early diagnosis of oral cancer. <i>Metabolomics</i> , 2012, 8, 220-231.	3.0	47
129	Enhanced Oral Bioavailability of Daidzein by Self-Microemulsifying Drug Delivery System. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 639-643.	1.3	46
130	Metabolite profiling of plasma and urine from rats with TNBS-induced acute colitis using UPLC-ESI-QTOF-MS-based metabonomics – a pilot study. <i>FEBS Journal</i> , 2012, 279, 2322-2338.	4.7	46
131	Serum trace element differences between Schizophrenia patients and controls in the Han Chinese population. <i>Scientific Reports</i> , 2015, 5, 15013.	3.3	46
132	Molecular Profiling of the <i>Clostridium leptum</i> Subgroup in Human Fecal Microflora by PCR-Denaturing Gradient Gel Electrophoresis and Clone Library Analysis. <i>Applied and Environmental Microbiology</i> , 2006, 72, 5232-5238.	3.1	45
133	Leptin Deficiency Contributes to the Pathogenesis of Alcoholic Fatty Liver Disease in Mice. <i>American Journal of Pathology</i> , 2012, 181, 1279-1286.	3.8	45
134	Distinct Metabolomic Profiles of Papillary Thyroid Carcinoma and Benign Thyroid Adenoma. <i>Journal of Proteome Research</i> , 2015, 14, 3315-3321.	3.7	45
135	Expert insights: The potential role of the gut microbiome-brain axis in the development and progression of Alzheimer's disease and hepatic encephalopathy. <i>Medicinal Research Reviews</i> , 2020, 40, 1496-1507.	10.5	45
136	Structural shifts of gut microbiota as surrogate endpoints for monitoring host health changes induced by carcinogen exposure. <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	2.7	44
137	An ultrasonication-assisted extraction and derivatization protocol for GC/TOFMS-based metabolite profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1405-1417.	3.7	44
138	Evidence-Based ZHENG: A Traditional Chinese Medicine Syndrome. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-2.	1.2	44
139	Metabolic profiling reveals disorder of carbohydrate metabolism in mouse fibroblast cells induced by titanium dioxide nanoparticles. <i>Journal of Applied Toxicology</i> , 2013, 33, 1442-1450.	2.8	44
140	Dietary fat sources differentially modulate intestinal barrier and hepatic inflammation in alcohol-induced liver injury in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G919-G932.	3.4	44
141	Metabolomic Characteristics of Arsenic-Associated Diabetes in a Prospective Cohort in Chihuahua, Mexico. <i>Toxicological Sciences</i> , 2015, 144, 338-346.	3.1	44
142	Src Inhibition Blocks c-Myc Translation and Glucose Metabolism to Prevent the Development of Breast Cancer. <i>Cancer Research</i> , 2015, 75, 4863-4875.	0.9	44
143	ADAP-GC 4.0: Application of Clustering-Assisted Multivariate Curve Resolution to Spectral Deconvolution of Gas Chromatography-Mass Spectrometry Metabolomics Data. <i>Analytical Chemistry</i> , 2019, 91, 9069-9077.	6.5	44
144	Lowered circulating aspartate is a metabolic feature of human breast cancer. <i>Oncotarget</i> , 2015, 6, 33369-33381.	1.8	44

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145	Serum and Urinary Metabonomic Study of Human Osteosarcoma. <i>Journal of Proteome Research</i> , 2010, 9, 4861-4868.	3.7	43
146	A panel of free fatty acid ratios to predict the development of metabolic abnormalities in healthy obese individuals. <i>Scientific Reports</i> , 2016, 6, 28418.	3.3	43
147	Development of Multimarker Diagnostic Models from Metabolomics Analysis for Gestational Diabetes Mellitus (GDM). <i>Molecular and Cellular Proteomics</i> , 2018, 17, 431-441.	3.8	43
148	Distinct immunosuppressive effect by <i>Isodon serra</i> extracts. <i>International Immunopharmacology</i> , 2005, 5, 1957-1965.	3.8	41
149	Metabolic Transformation of DMBA-Induced Carcinogenesis and Inhibitory Effect of Salvianolic Acid B and Breviscapine Treatment. <i>Journal of Proteome Research</i> , 2012, 11, 1302-1316.	3.7	41
150	Prospective study of blood metabolites associated with colorectal cancer risk. <i>International Journal of Cancer</i> , 2018, 143, 527-534.	5.1	41
151	Chenodeoxycholic Acid as a Potential Prognostic Marker for Roux-en-Y Gastric Bypass in Chinese Obese Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4222-4230.	3.6	40
152	Bile acids and their effects on diabetes. <i>Frontiers of Medicine</i> , 2018, 12, 608-623.	3.4	40
153	Urinary metabolomics as a potentially novel diagnostic and stratification tool for knee osteoarthritis. <i>Metabolomics</i> , 2010, 6, 109-118.	3.0	39
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