

# Haitao Lv

## List of Publications by Citations

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56  
papers

1,299  
citations

20  
h-index

34  
g-index

73  
ext. papers

1,584  
ext. citations

5.8  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
56	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
55	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
54	Challenges and emergent solutions for LC-MS/MS based untargeted metabolomics in diseases. <i>Mass Spectrometry Reviews</i> , <b>2018</b> , 37, 772-792	11	109
53	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
52	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
51	Plasma metabolomics reveals biomarkers of the atherosclerosis. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 2776-83	3.4	52
50	Development of an integrated metabolomic profiling approach for infectious diseases research. <i>Analyst, The</i> , <b>2011</b> , 136, 4752-63	5	40
49	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
48	Metabolomic analysis of siderophore cheater mutants reveals metabolic costs of expression in uropathogenic <i>Escherichia coli</i> . <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 1397-404	5.6	35
47	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
46	Advantages of tandem LC-MS for the rapid assessment of tissue-specific metabolic complexity using a pentafluorophenylpropyl stationary phase. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 2104-12	5.6	34
45	Ingenuity pathways analysis of urine metabonomics phenotypes toxicity of gentamicin in multiple organs. <i>Molecular BioSystems</i> , <b>2010</b> , 6, 2056-67		32
44	Advanced mass spectrometry-based multi-omics technologies for exploring the pathogenesis of hepatocellular carcinoma. <i>Mass Spectrometry Reviews</i> , <b>2016</b> , 35, 331-49	11	31
43	Improved ultra-performance liquid chromatography with electrospray ionization quadrupole-time-of-flight high-definition mass spectrometry method for the rapid analysis of the chemical constituents of a typical medical formula: Liuwei Dihuang Wan. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3511-6	3.4	26
42	<i>Yersinia</i> high pathogenicity island genes modify the <i>Escherichia coli</i> primary metabolome independently of siderophore production. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 5547-54	5.6	25
41	Pharmacokinetic studies of a Chinese triple herbal drug formula. <i>Phytotherapy Research</i> , <b>2008</b> , 15, 993-1001	6.5	25
40	Mass spectrometry-based metabolomics towards understanding of gene functions with a diversity of biological contexts. <i>Mass Spectrometry Reviews</i> , <b>2013</b> , 32, 118-28	11	24

39	Berberine improves colitis by triggering AhR activation by microbial tryptophan catabolites. <i>Pharmacological Research</i> , <b>2021</b> , 164, 105358	10.2	22
38	Quality evaluation of Yin Chen Hao Tang extract based on fingerprint chromatogram and simultaneous determination of five bioactive constituents. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 9-15	3.4	21
37	Omics strategies decipher therapeutic discoveries of traditional Chinese medicine against different diseases at multiple layers molecular-level. <i>Pharmacological Research</i> , <b>2020</b> , 152, 104627	10.2	20
36	Metabolomics Deciphered Metabolic Reprogramming Required for Biofilm Formation. <i>Scientific Reports</i> , <b>2019</b> , 9, 13160	4.9	19
35	Cell Metabolomics Reveals Berberine-Inhibited Pancreatic Cancer Cell Viability and Metastasis by Regulating Citrate Metabolism. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 3825-3836	5.6	19
34	Siderophore biosynthesis coordinately modulated the virulence-associated interactive metabolome of uropathogenic <i>Escherichia coli</i> and human urine. <i>Scientific Reports</i> , <b>2016</b> , 6, 24099	4.9	18
33	Siderophore Biosynthesis Governs the Virulence of Uropathogenic <i>Escherichia coli</i> by Coordinately Modulating the Differential Metabolism. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1323-32	5.6	17
32	Pharmacokinetics-based elucidation on disparity in clinical effectiveness between varieties of Zhi Zhu Wan, a Traditional Chinese Medical formula. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 128, 606-10	5	17
31	Simultaneous determination by UPLC-ESI-MS of scoparone, capillarisin, rhein, and emodin in rat urine after oral administration of Yin Chen Hao Tang preparation. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 659-66	3.4	16
30	Metabolic phenotyping of the <i>Yersinia</i> high-pathogenicity island that regulates central carbon metabolism. <i>Analyst</i> , <b>2015</b> , 140, 3356-61	5	15
29	Metabolomics identified new biomarkers for the precise diagnosis of pancreatic cancer and associated tissue metastasis. <i>Pharmacological Research</i> , <b>2020</b> , 156, 104805	10.2	15
28	Comparative study on the protective effects of Yinchenhao Decoction against liver injury induced by alpha-naphthylisothiocyanate and carbon tetrachloride. <i>Chinese Journal of Integrative Medicine</i> , <b>2009</b> , 15, 204-9	2.9	15
27	Development and validation of a ultra performance LC-ESI/MS method for analysis of metabolic phenotypes of healthy men in day and night urine samples. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 2994-3001	3.4	15
26	FUNCTIONAL METABOLOMICS DECIPHER BIOCHEMICAL FUNCTIONS AND ASSOCIATED MECHANISMS UNDERLIE SMALL-MOLECULE METABOLISM. <i>Mass Spectrometry Reviews</i> , <b>2020</b> , 39, 417-433	11	15
25	Simultaneous determination of 6,7-dimethylesculetin and geniposide in rat plasma and its application to pharmacokinetic studies of Yin Chen Hao Tang preparation. <i>Arzneimittelforschung</i> , <b>2008</b> , 58, 336-41		13
24	A rapid and sensitive UPLC-ESI MS method for analysis of isofraxidin, a natural antistress compound, and its metabolites in rat plasma. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 3202-6	3.4	12
23	The biochemistry of blister fluid from pediatric burn injuries: proteomics and metabolomics aspects. <i>Expert Review of Proteomics</i> , <b>2016</b> , 13, 35-53	4.2	11
22	Pharmacokinetics of isofraxidin in rat plasma after oral administration of the extract of <i>Acanthopanax senticosus</i> using HPLC with solid phase extraction method. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2007</b> , 55, 1291-5	1.9	11

21	Mass spectrometry and associated technologies delineate the advantageously biomedical capacity of siderophores in different pathogenic contexts. <i>Mass Spectrometry Reviews</i> , <b>2019</b> , 38, 239-252	11	9
20	HPLC method for preliminary analysis of constituents in rat blood after oral administration of the extract of <i>Acanthopanax senticosus</i> . <i>Journal of Separation Science</i> , <b>2007</b> , 30, 3120-6	3-4	9
19	Metabolomics Assay Identified a Novel Virulence-Associated Siderophore Encoded by the High-Pathogenicity Island in Uropathogenic <i>Escherichia coli</i> . <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 2331-2336	5.6	8
18	Prediction and Characterisation of the System Effects of Aristolochic Acid: A Novel Joint Network Analysis towards Therapeutic and Toxicological Mechanisms. <i>Scientific Reports</i> , <b>2015</b> , 5, 17646	4-9	8
17	MS-based metabolomics facilitates the discovery of in vivo functional small molecules with a diversity of biological contexts. <i>Future Medicinal Chemistry</i> , <b>2013</b> , 5, 1953-65	4-1	8
16	Mass spectrometry-derived systems biology technologies delineate the system-wide biochemical applications of siderophores. <i>Mass Spectrometry Reviews</i> , <b>2018</b> , 37, 188-201	11	6
15	Metabolomic analysis characterizes tissue specific indomethacin-induced metabolic perturbations of rats. <i>Analyst</i> , <b>2011</b> , 136, 2260-9	5	6
14	Functional metabolomics innovates therapeutic discovery of traditional Chinese medicine derived functional compounds. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 224, 107824	13-9	6
13	Targeted Metabolomics Revealed the Regulatory Role of Manganese on Small-Molecule Metabolism of Biofilm Formation in <i>Escherichia coli</i> . <i>Journal of Analysis and Testing</i> , <b>2020</b> , 4, 226-237	3-2	5
12	Mass spectrometry based molecular profile dissects the complexity of traditional Chinese medicine. <i>Analytical Methods</i> , <b>2015</b> , 7, 2902-2912	3-2	4
11	Mass spectrometry based targeted metabolomics precisely characterized new functional metabolites that regulate biofilm formation in <i>Escherichia coli</i> . <i>Analytica Chimica Acta</i> , <b>2021</b> , 1145, 26-36	6.6	4
10	Dihydromyricetin improves DSS-induced colitis in mice via modulation of fecal-bacteria-related bile acid metabolism. <i>Pharmacological Research</i> , <b>2021</b> , 171, 105767	10.2	4
9	Precision-targeted metabolomics method characterizes differential metabolomes in multiple-biological matrixes and cell-mitochondria		3
8	Bioinformatics facilitating the use of microarrays to delineate potential miRNA biomarkers in aristolochic acid nephropathy. <i>Oncotarget</i> , <b>2016</b> , 7, 52270-52280	3-3	3
7	Precision-characterization and quantitative determination of main compounds in Si-Ni-San with UHPLC-MS/MS based targeted-profiling method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 194, 113816	3-5	3
6	Discovery and characterization of functional modules and pathogenic genes associated with the risk of coronary artery disease. <i>RSC Advances</i> , <b>2015</b> , 5, 26443-26451	3-7	1
5	Novel Functional metabolites that affect biofilm formation are regulated by bioavailable iron with siderophore-dependent pathway		1
4	Mass Spectrometry-Based Targeted Metabolomics Revealed the Regulatory Roles of Magnesium on Biofilm Formation in <i>Escherichia coli</i> by Targeting Functional Metabolites. <i>Journal of Analysis and Testing</i> , <b>2021</b> , 5, 1-11	3-2	0

- 3 Emerging Pharmacotherapy for Inflammatory Bowel Diseases.. *Pharmacological Research*, **2022**, 106146 10.2 ○
- 2 Functional metabolomics revealed functional metabolic-characteristics of chronic hepatitis that is significantly differentiated from acute hepatitis in mice.. *Pharmacological Research*, **2022**, 180, 106248 10.2 ○
- 1 Microbial Metabolomics: From Methods to Translational Applications. *Advances in Experimental Medicine and Biology*, **2021**, 1280, 97-113 3.6