

# Ziyang Lou

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

402  
citations

687220

13  
h-index

794469

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

684  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kupffer cell-derived TNF- $\alpha$ promotes hepatocytes to produce CXCL1 and mobilize neutrophils in response to necrotic cells. <i>Cell Death and Disease</i> , 2018, 9, 323.	2.7	60
2	Metabonomic identification of the effects of the Zhimu-Baihe saponins on a chronic unpredictable mild stress-induced rat model of depression. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 469-479.	1.4	51
3	Hydrophilic interaction and reversed-phase ultraperformance liquid chromatography-TOF-MS for serum metabonomic analysis of myocardial infarction in rats and its applications. <i>Molecular BioSystems</i> , 2012, 8, 548-556.	2.9	41
4	Analysis of lignans in <i>Schisandra chinensis</i> and rat plasma by high-performance liquid chromatography diode array detection, time-of-flight mass spectrometry and quadrupole ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 831-842.	0.7	33
5	Urinary metabonomics elucidate the therapeutic mechanism of <i>Orthosiphon stamineus</i> in mouse crystal-induced kidney injury. <i>Journal of Ethnopharmacology</i> , 2015, 166, 323-332.	2.0	25
6	Rapid LC-TOFMS Separation and Identification of Diarylheptanoids and Gingerol-Related Compounds in Dried Ginger. <i>Chromatographia</i> , 2009, 69, 531-536.	0.7	23
7	UHPLC-Q-TOF-MS based serum metabonomics revealed the metabolic perturbations of ischemic stroke and the protective effect of RKIP in rat models. <i>Molecular BioSystems</i> , 2016, 12, 1831-1841.	2.9	23
8	Integrative Proteomics-Metabolomics Strategy for Pathological Mechanism of Vascular Depression Mouse Model. <i>Journal of Proteome Research</i> , 2018, 17, 656-669.	1.8	23
9	A Rapid High-Performance Liquid Chromatographic Method for Quantitative Analysis of Antidiabetic-Active Components in <i>Anemarrhena asphodeloides</i> Rhizomes. <i>Chromatographia</i> , 2005, 61, 633-636.	0.7	19
10	A practical strategy for characterization of the metabolic profile of chiral drugs using combinatory liquid chromatography-mass spectrometric techniques: Application to tetrahydropalmatine enantiomers and their metabolites in rat urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 152-162.	1.4	19
11	Untargeted lipidomics based on UPLC-QTOF-MS/MS and structural characterization reveals dramatic compositional changes in serum and renal lipids in mice with glyoxylate-induced nephrolithiasis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 258-266.	1.2	16
12	Raf kinase inhibitor protein regulates oxygen-glucose deprivation-induced PC12 cells apoptosis through the NF- $\kappa$ B and ERK pathways. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2016, 59, 86-92.	0.6	15
13	Metabolic profiles revealed synergistically antidepressant effects of lilies and <i>Rhizoma Anemarrhenae</i> in a rat model of depression. <i>Biomedical Chromatography</i> , 2017, 31, e3923.	0.8	15
14	Lipidomic profiling reveals significant alterations in lipid biochemistry in hypothyroid rat cerebellum and the therapeutic effects of Sini decoction. <i>Journal of Ethnopharmacology</i> , 2015, 159, 262-273.	2.0	13
15	Urinary Metabolites of Isoliquiritigenin in Wistar Rats using UHPLC-TOF-MS-based Xenometabolomics. <i>Chromatographia</i> , 2011, 74, 341-348.	0.7	11
16	Therapeutic effect of Xue Niao An on glyoxylate-induced calcium oxalate crystal deposition based on urinary metabonomics approach. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 55, 184-190.	0.6	8
17	Characterization of Nucleotides and Nucleotide Sugars in <i>Candida albicans</i> by High Performance Liquid Chromatography-Mass Spectrometry with a Porous Graphite Carbon Column. <i>Analytical Letters</i> , 2014, 47, 234-249.	1.0	4
18	SEPARATION AND CHARACTERIZATION OF STEROIDAL SAPONINS IN <i>PARIS PLYPHYLLA</i> BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY COUPLED WITH TIME-OF-FLIGHT MASS SPECTROMETRY AND ION TRAP MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1661-1677.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Metabonomic Investigation on Plasma Samples of Liver Transplanted Rats. Analytical Letters, 2011, 44, 2406-2416.	1.0	1