

Linsheng Liu

List of Publications by Year in descending order

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43
papers

1,239
citations

331670

21
h-index

377865

34
g-index

45
all docs

45
docs citations

45
times ranked

2122
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in metabolite profile between blood plasma and serum. <i>Analytical Biochemistry</i> , 2010, 406, 105-112.	2.4	120
2	Rapid identification of ophiopogonins and ophiopogonones in <i>Ophiopogon japonicus</i> extract with a practical technique of mass defect filtering based on high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1227, 234-244.	3.7	113
3	Metabolomic investigation into variation of endogenous metabolites in professional athletes subject to strength-endurance training. <i>Journal of Applied Physiology</i> , 2009, 106, 531-538.	2.5	97
4	GC/TOFMS analysis of metabolites in serum and urine reveals metabolic perturbation of TCA cycle in <i>db/db</i> mice involved in diabetic nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1317-F1324.	2.7	85
5	Metabolomic approach to evaluating adriamycin pharmacodynamics and resistance in breast cancer cells. <i>Metabolomics</i> , 2013, 9, 960-973.	3.0	66
6	A metabolomic and pharmacokinetic study on the mechanism underlying the lipid-lowering effect of orally administered berberine. <i>Molecular BioSystems</i> , 2015, 11, 463-474.	2.9	62
7	The metabolic impact of methamphetamine on the systemic metabolism of rats and potential markers of methamphetamine abuse. <i>Molecular BioSystems</i> , 2014, 10, 1968-1977.	2.9	45
8	Metabolic phenotype of rats exposed to heroin and potential markers of heroin abuse. <i>Drug and Alcohol Dependence</i> , 2013, 127, 177-186.	3.2	44
9	GC-TOFMS analysis of metabolites in adherent MDCK cells and a novel strategy for identifying intracellular metabolic markers for use as cell amount indicators in data normalization. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2983-2993.	3.7	42
10	First-line anti-tuberculosis drugs induce hepatotoxicity: A novel mechanism based on a urinary metabolomics platform. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 485-491.	2.1	39
11	GC-TOF/MS-based metabolomic profiling of estrogen deficiency-induced obesity in ovariectomized rats. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 270-278.	6.1	38
12	Gas chromatography time-of-flight mass spectrometry based metabolomic approach to evaluating toxicity of triptolide. <i>Metabolomics</i> , 2011, 7, 217-225.	3.0	37
13	A Pharmacometabonomic Approach To Predicting Metabolic Phenotypes and Pharmacokinetic Parameters of Atorvastatin in Healthy Volunteers. <i>Journal of Proteome Research</i> , 2015, 14, 3970-3981.	3.7	36
14	Theory-based pharmacokinetics and pharmacodynamics of S_{A} and R_{A} warfarin and effects on international normalized ratio: influence of body size, composition and genotype in cardiac surgery patients. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 823-835.	2.4	36
15	Metabonomic profiling of liver metabolites by gas chromatography-mass spectrometry and its application to characterizing hyperlipidemia. <i>Biomedical Chromatography</i> , 2010, 24, 245-252.	1.7	30
16	Metabolic Perturbation and Potential Markers in Patients with Esophageal Cancer. <i>Gastroenterology Research and Practice</i> , 2017, 2017, 1-9.	1.5	30
17	Metabolic features of the tumor microenvironment of gastric cancer and the link to the systemic macroenvironment. <i>Metabolomics</i> , 2012, 8, 164-173.	3.0	27
18	Chronic Myeloid Leukemia Patients Sensitive and Resistant to Imatinib Treatment Show Different Metabolic Responses. <i>PLoS ONE</i> , 2010, 5, e13186.	2.5	27

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19	Differential regulations of blood pressure and perturbed metabolism by total ginsenosides and conventional antihypertensive agents in spontaneously hypertensive rats. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 930-937.	6.1	25
20	The gut microbes, <i>Enterococcus</i> and <i>Escherichia-Shigella</i> , affect the responses of heart valve replacement patients to the anticoagulant warfarin. <i>Pharmacological Research</i> , 2020, 159, 104979.	7.1	24
21	Metabonomic phenotype and identification of heart blood stasis obstruction pattern and qi and yin deficiency pattern of myocardial ischemia rat models. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 1081-1090.	1.3	23
22	Pharmacokinetic interactions between 20(S)-ginsenoside Rh2 and the HIV protease inhibitor ritonavir in vitro and in vivo. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 1349-1358.	6.1	21
23	Prediction of the Pharmacokinetic Parameters of Triptolide in Rats Based on Endogenous Molecules in Pre-Dose Baseline Serum. <i>PLoS ONE</i> , 2012, 7, e43389.	2.5	17
24	Organic solvent extraction and metabonomic profiling of the metabolites in erythrocytes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1751-1757.	2.3	16
25	An in vitro metabolic system of gut flora and the metabolism of ginsenoside Rg3 and cholic acid. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2014, 39, 129-137.	1.6	15
26	Bile acids, lipid and purine metabolism involved in hepatotoxicity of first-line anti-tuberculosis drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 527-537.	3.3	12
27	Simultaneous determination of GFA and its active metabolites in human plasma by liquid chromatography electrospray ionization mass spectrometry and its application to pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 728-736.	2.8	10
28	Post acquisition data processing techniques for lipid analysis by quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 905, 43-53.	2.3	10
29	Coadministration of vindesine with high-dose methotrexate therapy increases acute kidney injury via BCRP, MRP2, and OAT1/OAT3. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 433-441.	2.3	10
30	Relationship between warfarin dosage and international normalized ratio: a dose-response analysis and evaluation based on multicenter data. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 785-794.	1.9	9
31	Exposure to antibiotics during pregnancy alters offspring outcomes. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 1165-1174.	3.3	9
32	Bazi Bushen Capsule Alleviates Post-Menopausal Atherosclerosis via GPER1-Dependent Anti-Inflammatory and Anti-Apoptotic Effects. <i>Frontiers in Pharmacology</i> , 2021, 12, 658998.	3.5	8
33	Phase I, First-in-Human, Single and Multiple Ascending Dose- and Food-Effect Studies to Assess the Safety, Tolerability and Pharmacokinetics of a Novel Anti-hepatitis B Virus Drug, Bentsyrepinine (Y101), in Healthy Chinese Subjects. <i>Clinical Drug Investigation</i> , 2020, 40, 555-566.	2.2	5
34	Metabolic shifts induced by human H460 cells in tumor-bearing mice. <i>Biomedical Chromatography</i> , 2016, 30, 337-342.	1.7	4
35	A Novel Dried Blood Spot Detection Strategy for Characterizing Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 542519.	2.4	4
36	Effect of Green Tea and (-)-Epigallocatechin Gallate on the Pharmacokinetics of Rosuvastatin. <i>Current Drug Metabolism</i> , 2020, 21, 471-478.	1.2	4

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37	GC-MS based metabolomics of CSF and blood serum: Metabolic phenotype for a rat model of cefoperazone-induced disulfiram-like reaction. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1066-1073.	2.1	3
38	Predicting the dopamine D ₂ receptor occupancy of ropinirole in rats using positron emission tomography and pharmacokinetic-pharmacodynamic modeling. <i>Xenobiotica</i> , 2019, 49, 143-151.	1.1	3
39	Metabolomics Reveals the Mechanisms for the Pulmonary Toxicity of <i>Siegesbeckia orientalis</i> L. and the Toxicity-Reducing Effect of Processing. <i>Frontiers in Pharmacology</i> , 2021, 12, 630319.	3.5	2
40	Metabolite profiles and mass balance of fuzuloparib, a novel poly (ADP-ribose) polymerase inhibitor, in subjects with advanced solid cancers. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 3307-3320.	2.4	2
41	Development and application of a rapid and sensitive liquid chromatography-mass spectrometry method for simultaneous analysis of cytarabine, cytarabine monophosphate, cytarabine diphosphate and cytarabine triphosphate in the cytosol and nucleus. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114582.	2.8	0
42	A novel, rapid and simple UHPLC-MS/MS method for quantification of warfarin in dried blood spots. <i>Analytical Biochemistry</i> , 2022, , 114664.	2.4	0
43	Editorial: Therapeutic and Diagnosis Target Discovery Based on Metabolomics. <i>Frontiers in Pharmacology</i> , 2022, 13, 893905.	3.5	0