Lufeng Hu

List of Publications by Year
in descending order

50 papers	1,485 citations	430874 18 h-index	315739 38 g-index
50 all docs	50 docs citations	50 times ranked	1254 citing authors

#	Article	IF	Citations
1	Toward an optimal kernel extreme learning machine using a chaotic moth-flame optimization strategy with applications in medical diagnoses. Neurocomputing, 2017, 267, 69-84.	5.9	401
2	Chaos enhanced grey wolf optimization wrapped ELM for diagnosis of paraquat-poisoned patients. Computational Biology and Chemistry, 2019, 78, 481-490.	2.3	281
3	An efficient machine learning approach for diagnosis of paraquat-poisoned patients. Computers in Biology and Medicine, 2015, 59, 116-124.	7.0	125
4	Pharmacokinetics in rats and tissue distribution in mouse of berberrubine by UPLC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 368-374.	2.8	45
5	A new machine-learning method to prognosticate paraquat poisoned patients by combining coagulation, liver, and kidney indices. PLoS ONE, 2017, 12, e0186427.	2.5	43
6	Pharmacokinetics and tissue distribution model of cabozantinib in rat determined by UPLCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 983-984, 125-131.	2.3	41
7	An Effective Machine Learning Approach for Prognosis of Paraquat Poisoning Patients Using Blood Routine Indexes. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 86-96.	2.5	39
8	Metabolic Changes in Paraquat Poisoned Patients and Support Vector Machine Model of Discrimination. Biological and Pharmaceutical Bulletin, 2015, 38, 470-475.	1.4	37
9	Using Blood Indexes to Predict Overweight Statuses: An Extreme Learning Machine-Based Approach. PLoS ONE, 2015, 10, e0143003.	2.5	28
10	Brain metabolomics in rats after administration of ketamine. Biomedical Chromatography, 2016, 30, 81-84.	1.7	28
11	Development of LCâ€“MS determination method and back-propagation ANN pharmacokinetic model of corynoxeine in rat. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 959, 10-15.	2.3	27
12	Serum Metabolomics in Rats after Acute Paraquat Poisoning. Biological and Pharmaceutical Bulletin, 2015, 38, 1049-1053.	1.4	26
13	Preparation and evaluation of teniposide-loaded polymeric micelles for breast cancer therapy. International Journal of Pharmaceutics, 2016, 513, 118-129.	5.2	26
14	A gas chromatographyâ€“mass spectrometry based study on serum metabolomics in rats chronically poisoned with hydrogen sulfide. Journal of Clinical Forensic and Legal Medicine, 2015, 32, 59-63.	1.0	23
15	An intelligent prognostic system for analyzing patients with paraquat poisoning using arterial blood gas indexes. Journal of Pharmacological and Toxicological Methods, 2017, 84, 78-85.	0.7	23
16	Serum metabolomics in rats models of ketamine abuse by gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1006, 99-103.	2.3	21
17	Metabolomics Analysis in Acute Paraquat Poisoning Patients Based on UPLC-Q-TOF-MS and Machine Learning Approach. Chemical Research in Toxicology, 2019, 32, 629-637.	3.3	20
18	Prognosis and survival analysis of paraquat poisoned patients based on improved HPLC-UV method. Journal of Pharmacological and Toxicological Methods, 2016, 80, 75-81.	0.7	18

#	Article	IF	Citations
19	Metabolic changes in rat urine after acute paraquat poisoning and discriminated by support vector machine. Biomedical Chromatography, 2016, 30, 75-80.	1.7	18
20	Clearance Rate and BP-ANN Model in Paraquat Poisoned Patients Treated with Hemoperfusion. BioMed Research International, 2015, 2015, 1-6.	1.9	17
21	The Effects of Acute Hydrogen Sulfide Poisoning on Cytochrome P450 Isoforms Activity in Rats. BioMed Research International, 2014, 2014, 1-8.	1.9	14
22	A Gas Chromatography-Mass Spectrometry Based Study on Urine Metabolomics in Rats Chronically Poisoned with Hydrogen Sulfide. BioMed Research International, 2015, 2015, 1-6.	1.9	14
23	Determination of piracetam in rat plasma by LCâ€“MS/MS and its application to pharmacokinetics. Biomedical Chromatography, 2010, 24, 1108-1112.	1.7	13
24	Association between oxytocin and receptor genetic polymorphisms and aggression in a northern Chinese Han population with alcohol dependence. Neuroscience Letters, 2017, 636, 140-144.	2.1	13
25	Metabolism of liver CYP450 and ultrastructural changes after long-term administration of aspirin and ibuprofen. Biomedicine and Pharmacotherapy, 2018, 108, 208-215.	5.6	12
26	Determination of Rhynchophylline in Rat Plasma by Liquid Chromatography Mass Spectrometry and Its Application. Journal of Chromatographic Science, 2014, 52, 661-665.	1.4	11
27	Diagnostic value of complete blood count in paraquat and organophosphorus poisoning patients. Toxicology and Industrial Health, 2018, 34, 439-447.	1.4	11
28	Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS. Toxicology and Industrial Health, 2017, 33, 887-900.	1.4	10
29	Linezolid Inhibited Synthesis of ATP in Mitochondria: Based on GC-MS Metabolomics and HPLC Method. BioMed Research International, 2018, 2018, 1-8.	1.9	9
30	Determination of bupropion and its main metabolite in rat plasma by LC-MS and its application to pharmacokinetics. Die Pharmazie, 2011, 66, 924-8.	0.5	9
31	Determination of 27 amino acidsâ€™ levels in seminal plasma of asthenospermia and oligospermia patients and diagnostic value analysis. Journal of Pharmaceutical and Biomedical Analysis, 2020, 184, 113211.	2.8	8
32	Tissue distribution model and pharmacokinetics of nuciferine based on UPLC-MS/MS and BP-ANN. International Journal of Clinical and Experimental Medicine, 2015, 8, 17612-22.	1.3	8
33	Rapid LC-APCI-MS-MS Method for Simultaneous Determination of Phenacetin and Its Metabolite Paracetamol in Rabbit Plasma. Chromatographia, 2009, 70, 585-590.	1.3	7
34	Determination of four omega-3 polyunsaturated fatty acids by UPLC-MS/MS in plasma of hyperlipidemic and normolipidemic subjects. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1126-1127, 121762.	2.3	7
35	DETERMINATION OF URAPIDIL HYDROCHLORIDE IN RABBIT PLASMA BY LC-MS-MS AND ITS APPLICATION TO A PHARMACOKINETIC STUDY. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 307-316.	1.0	6
36	Jiao-tai-wan for insomnia symptoms caused by the disharmony of the heart and kidney: a study protocol for a randomized, double-blind, placebo-controlled trial. Trials, 2020, 21, 408.	1.6	6

#	Article	IF	Citations
37	The Effect of MGCD0103 on CYP450 Isoforms Activity of Rats by Cocktail Method. BioMed Research International, 2015, 2015, 1-7.	1.9	5
38	Simultaneous determination of five essential amino acids in plasma of Hyperlipidemic subjects by UPLC-MS/MS. Lipids in Health and Disease, 2020, 19, 52.	3.0	5
39	Development and validation of UPLCâ€“MS/MS method for determination of eupatilin in rat plasma and its application in a pharmacokinetics study. Acta Chromatographica, 2018, 30, 231-235.	1.3	4
40	Pharmacokinetics in rats and tissue distribution in mouse of magnoflorine by ultra performance liquid chromatography-tandem mass spectrometry. International Journal of Clinical and Experimental Medicine, 2015, 8, 20168-77.	1.3	4
41	Pharmacokinetic interaction of entinostat and lapatinib following single and co-oral administration in rats. Xenobiotica, 2014, 44, 1009-1013.	1.1	3
42	Fisher Discrimination of Metabolic Changes in Rats Treated with Aspirin and Ibuprofen. Pharmacology, 2017, 100, 194-200.	2.2	3
43	Serum metabolic changes in rats after intragastric administration of dextromethorphan. Biomedical Chromatography, 2017, 31, e3814.	1.7	3
44	Comparison of HPLC-DAD and UPLC-MS/MS in Monitoring Serum Concentration of Lamotrigine. Current Pharmaceutical Analysis, 2022, 18, 449-454.	0.6	3
45	Determination of xanthotoxin using a liquid chromatography-mass spectrometry and its application to pharmacokinetics and tissue distribution model in rat. International Journal of Clinical and Experimental Medicine, 2015, 8, 15164-72.	1.3	3
46	Application of back-propagation artificial neural network and curve estimation in pharmacokinetics of losartan in rabbit. International Journal of Clinical and Experimental Medicine, 2015, 8, 22352-8.	1.3	3
47	Plasma concentration after the first hemoperfusion has a high predictive value in medium level acute paraquat-poisoned patients. Therapeutic Drug Monitoring, 2021, Publish Ahead of Print, 797-806.	2.0	2
48	UPLC-MS/MS Determination of Linezolid and Heme in Plasma of Infected Patients and Correlation Analysis. BioMed Research International, 2021, 2021, 1-8.	1.9	2
49	Effects of long-term alcohol exposure on the pharmacokinetic profiles of ketamine and norketamine in rats. Alcohol, 2021, 96, 55-61.	1.7	0
50	Quantitative UPLC-MS/MS to Detect DMPC and DPPC Applied to Paraquat Poisoning in Cells and Serum. Chromatographia, 2022, 85, 147-153.	1.3	0