Zhanying Hong

List of Publications by Year
in descending order

44 papers	811 citations	471061 17 h-index	552369 26 g-index
47 all docs	47 docs citations	47 times ranked	996 citing authors

#	Article	IF	Citations
1	Discovery of a Potent Botulinum Neurotoxin A Inhibitor <scp>ZM299</scp> with Effective Protections in Botulism Mice. Chinese Journal of Chemistry, 2022, 40, 357-364.	2.6	5
2	Simultaneous Determination of Seven Lipophilic and Hydrophilic Components in Salvia miltiorrhiza Bunge by LC-MS/MS Method and Its Application to a Transport Study in a Blood-Brain-Barrier Cell Model. Molecules, 2022, 27, 657.	1.7	4
3	Screening potential P-glycoprotein inhibitors by combination of a detergent-free membrane protein extraction with surface plasmon resonance biosensor. Acta Pharmaceutica Sinica B, 2022, 12, 3113-3123.	5.7	11
4	In situ synthesis and unidirectional insertion of membrane proteins in liposome-immobilized silica stationary phase for rapid preparation of microaffinity chromatography. Acta Pharmaceutica Sinica B, 2022, 12, 3682-3693.	5.7	6
5	Recent advances in microfluidic technology and applications for anti-cancer drug screening. TrAC - Trends in Analytical Chemistry, 2021, 134, 116118.	5.8	28
6	A stop-flow comprehensive two-dimensional HK-2 and HK-2/CIKI cell membrane chromatography comparative analysis system for screening the active ingredients from Pyrrosia calvata (Bak.) Ching against crystal-induced kidney injury. Journal of Pharmaceutical and Biomedical Analysis, 2021, 195, 113825.	1.4	11
7	Surface plasmon resonance biosensor combined with lentiviral particle stabilization strategy for rapid and specific screening of P-Glycoprotein ligands. Analytical and Bioanalytical Chemistry, 2021, 413, 2021-2031.	1.9	6
8	High-throughput LC-MS/MS Method for Simultaneous Determination of Pantoprazole and Atorvastatin in Rat Plasma: Application to a Pharmacokinetic Interaction Study. Current Drug Metabolism, 2021, 22, 481-490.	0.7	2
9	The Effects of Traditional Chinese Medicine on P-Glycoproteinâ€“Mediated Multidrug Resistance and Approaches for Studying the Herbâ€“P-Glycoprotein Interactions. Drug Metabolism and Disposition, 2020, 48, 972-979.	1.7	16
10	Covalent Design of Cell Membrane Stationary Phase with Enhanced Stability for Fast Screening P-Glycoprotein Inhibitors. ACS Applied Bio Materials, 2020, 3, 5000-5006.	2.3	9
11	Surface Plasmon Resonance-Based Membrane Protein-Targeted Active Ingredients Recognition Strategy: Construction and Implementation in Ligand Screening from Herbal Medicines. Analytical Chemistry, 2020, 92, 3972-3980.	3.2	17
12	Nuclear magnetic resonance-based plasma metabolomics revealed the protective effect of tea polyphenols on sulfur mustard-induced injury in rats. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113278.	1.4	6
13	Microfluidic adhesion analysis of single glioma cells for evaluating the effect of drugs. Science China Chemistry, 2020, 63, 865-870.	4.2	18
14	LC-MS/MS combined with in vivo microdialysis sampling from conscious rat striatum for simultaneous determination of active constituents of Yuanhu- Baizhi herb pair and endogenous neurotransmitters: Application to pharmacokinetic and pharmacodynamic study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 176, 112807.	1.4	10
15	Identification of eupatilin and ginkgolide B as p38 ligands from medicinal herbs by surface plasmon resonance biosensor-based active ingredients recognition system. Journal of Pharmaceutical and Biomedical Analysis, 2019, 171, 35-42.	1.4	7
16	UHPLC-QTOF/MS-based metabolomics investigation for the protective mechanism of Danshen in Alzheimerâ€™s disease cell model induced by Aî²1â€“42. Metabolomics, 2019, 15, 13.	1.4	21
17	Recent advances in microfluidic devices for bacteria and fungus research. TrAC - Trends in Analytical Chemistry, 2019, 112, 175-195.	5.8	58
18	A rapid LC-MS/MS method for simultaneous determination of quetiapine and duloxetine in rat plasma and its application to pharmacokinetic interaction study. Journal of Food and Drug Analysis, 2019, 27, 323-331.	0.9	21

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19	A distinct glycerophospholipid metabolism signature of acute graft versus host disease with predictive value. JCI Insight, 2019, 4, .	2.3	14
20	Effects of glaucocalyxin A on human liver cancer cells as revealed by GC/MS- and LC/MS-based metabolic profiling. Analytical and Bioanalytical Chemistry, 2018, 410, 3325-3335.	1.9	25
21	Highâ€throughput LCâ€“MS/MS method with 96â€well plate precipitation for the determination of arotinolol and amlodipine in a small volume of rat plasma: Application to a pharmacokinetic interaction study. Journal of Separation Science, 2018, 41, 618-629.	1.3	11
22	Biosensor-Based Active Ingredients Recognition System for Screening STAT3 Ligands from Medical Herbs. Analytical Chemistry, 2018, 90, 8936-8945.	3.2	29
23	Protective effects of timosaponin BII on oxidative stress damage in PC12 cells based on metabolomics. Biomedical Chromatography, 2018, 32, e4321.	0.8	14
24	Ultrasound-assisted low-density solvent dispersive liquidâ€“liquid microextraction for the simultaneous determination of 12 new antidepressants and 2 antipsychotics in whole blood by gas chromatographyâ€“mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2017, 142, 19-27.	1.4	50
25	Rapid solidâ€phase extraction coupled with GCâ€“MS method for the determination of venlafaxine in rat plasma: Application to the drugâ€“drug pharmacokinetic interaction study of venlafaxine combined with fluoxetine. Journal of Separation Science, 2017, 40, 3462-3468.	1.3	5
26	Steroid hormone profiles plus Î±-fetoprotein for diagnosing primary liver cancer by liquid chromatography tandem mass spectrometry. Clinica Chimica Acta, 2016, 457, 92-98.	0.5	6
27	Highâ€Throughput Chiral LCâ€“MS/MS Method Using Overlapping Injection Mode for the Determination of Pantoprazole Enantiomers in Human Plasma with Application to Pharmacokinetic Study. Chirality, 2016, 28, 569-575.	1.3	6
28	Development of APTES-Decorated HepG2 Cancer Stem Cell Membrane Chromatography for Screening Active Components from Salvia miltiorrhiza. Analytical Chemistry, 2016, 88, 12081-12089.	3.2	56
29	Evaluation of Tetrahydropalmatine Enantiomers on the Activity of Five Cytochrome P450 Isozymes in Rats Using a Liquid Chromatography / Mass Spectrometric Method and a Cocktail Approach. Chirality, 2015, 27, 551-556.	1.3	8
30	Enantiospecific determination of arotinolol in rat plasma by LCâ€“MS/MS: Application to a stereoselective pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2015, 102, 299-304.	1.4	11
31	Rapid and sensitive liquid chromatography with tandem mass spectrometry method for the simultaneous determination of 11 major components of Yuanhu-Baizhi herb-pair in rat perfusion fluids. Journal of Separation Science, 2014, 37, 1429-1437.	1.3	2
32	A practical strategy for characterization of the metabolic profile of chiral drugs using combinatory liquid chromatographyâ€“mass spectrometric techniques: Application to tetrahydropalmatine enantiomers and their metabolites in rat urine. Journal of Pharmaceutical and Biomedical Analysis, 2014, 94, 152-162.	1.4	19
33	Enantioseparation of new triadimenol antifungal active compounds by electrokinetic chromatography and molecular modeling study of chiral recognition mechanisms. Electrophoresis, 2014, 35, 2855-2862.	1.3	12
34	Rapid and sensitive determination of ambroxol hydrochloride injection by Raman spectroscopy combined with chemometric models. Analytical Methods, 2014, 6, 1096-1100.	1.3	6
35	Quality improvements of cell membrane chromatographic column. Journal of Chromatography A, 2014, 1359, 330-335.	1.8	38
36	Comparative Normal/Failing Rat Myocardium Cell Membrane Chromatographic Analysis System for Screening Specific Components That Counteract Doxorubicin-Induced Heart Failure from Acontium carmichaeli. Analytical Chemistry, 2014, 86, 4748-4757.	3.2	87

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37	Innovative microwave-assisted oximation and silylation procedures for metabolomic analysis of plasma samples using gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1254, 14-22.	1.8	17
38	Highâ€performance liquid chromatographyâ€“timeâ€ofâ€flight mass spectrometry with adjustment of fragmentor voltages for rapid identification of alkaloids in rat plasma after oral administration of ‹scp›R‹/scp›hizoma ‹i›corydalis‹/i› extracts. Journal of Separation Science, 2012, 35, 1690-1696.	1.3	16
39	Rapid determination and comparative pharmacokinetics of tetrahydropalmatine in spontaneously hypertensive rats and normotensive rats. Biomedical Chromatography, 2012, 26, 749-753.	0.8	8
40	Study on the stereoselective excretion of tetrahydropalmatine enantiomers in rats and identification of in vivo metabolites by liquid chromatographyâ€tandem mass spectrometry. Chirality, 2010, 22, 355-360.	1.3	16
41	Comparative studies on pharmacokinetic fates of tetrahydropalmatine enantiomers in different chemical environments in rats. Chirality, 2008, 20, 119-124.	1.3	22
42	Determination of the Active Metabolite of Prulifloxacin in Human Plasma by HPLC with Fluorescence Detection. Chromatographia, 2007, 66, 37-41.	0.7	17
43	Brain pharmacokinetics and tissue distribution of tetrahydropalmatine enantiomers in rats after oral administration of the racemate. Biopharmaceutics and Drug Disposition, 2006, 27, 111-117.	1.1	32
44	Stereoselective pharmacokinetics of tetrahydropalmatine after oral administration of (?)-enantiomer and the racemate. Chirality, 2005, 17, 293-296.	1.3	25