

Haiying Zhang

List of Publications by Year in descending order

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33
papers

2,671
citations

279701

23
h-index

434063

31
g-index

36
all docs

36
docs citations

36
times ranked

2528
citing authors

#	ARTICLE	IF	CITATIONS
1	Apixaban Metabolism and Pharmacokinetics after Oral Administration to Humans. <i>Drug Metabolism and Disposition</i> , 2009, 37, 74-81.	1.7	561
2	Normalization strategies for metabolomic analysis of urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 547-552.	1.2	277
3	Mass defect filter technique and its applications to drug metabolite identification by high-resolution mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 999-1016.	0.7	251
4	Detection and Characterization of Metabolites in Biological Matrices Using Mass Defect Filtering of Liquid Chromatography/High Resolution Mass Spectrometry Data. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1722-1733.	1.7	212
5	Drug Metabolite Profiling and Identification by High-resolution Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2011, 286, 25419-25425.	1.6	174
6	A software filter to remove interference ions from drug metabolites in accurate mass liquid chromatography/mass spectrometric analyses. <i>Journal of Mass Spectrometry</i> , 2003, 38, 1110-1112.	0.7	160
7	Detection and Structural Characterization of Glutathione-Trapped Reactive Metabolites Using Liquid Chromatography-High-Resolution Mass Spectrometry and Mass Defect Filtering. <i>Analytical Chemistry</i> , 2007, 79, 8333-8341.	3.2	132
8	Capillary Electrophoresis Combined with Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry; Continuous Sample Deposition on a Matrix-precoated Membrane Target. <i>Journal of Mass Spectrometry</i> , 1996, 31, 1039-1046.	0.7	97
9	Mass defect profiles of biological matrices and the general applicability of mass defect filtering for metabolite detection. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2082-2088.	0.7	87
10	An algorithm for thorough background subtraction from high-resolution LC/MS data: application for detection of glutathione-trapped reactive metabolites. <i>Journal of Mass Spectrometry</i> , 2008, 43, 1181-1190.	0.7	75
11	An algorithm for thorough background subtraction from high-resolution LC/MS data: application to the detection of troglitazone metabolites in rat plasma, bile, and urine. <i>Journal of Mass Spectrometry</i> , 2008, 43, 1191-1200.	0.7	70
12	Utility of the Hybrid LTQ-FTMS for Drug Metabolism Applications. <i>Current Drug Metabolism</i> , 2006, 7, 547-555.	0.7	52
13	Reductive Isoxazole Ring Opening of the Anticoagulant Razaxaban Is the Major Metabolic Clearance Pathway in Rats and Dogs. <i>Drug Metabolism and Disposition</i> , 2008, 36, 303-315.	1.7	48
14	Micro-preparation procedure for high-sensitivity matrix-assisted laser desorption ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1768-1771.	0.7	45
15	STRUCTURAL ELUCIDATION OF HUMAN OXIDATIVE METABOLITES OF MURAGLITAZAR: USE OF MICROBIAL BIOREACTORS IN THE BIOSYNTHESIS OF METABOLITE STANDARDS. <i>Drug Metabolism and Disposition</i> , 2006, 34, 267-280.	1.7	40
16	Biotransformation of [14C]Dasatinib: In Vitro Studies in Rat, Monkey, and Human and Disposition after Administration to Rats and Monkeys. <i>Drug Metabolism and Disposition</i> , 2008, 36, 1341-1356.	1.7	40
17	Comparative Metabolism of Radiolabeled Muraglitazar in Animals and Humans by Quantitative and Qualitative Metabolite Profiling. <i>Drug Metabolism and Disposition</i> , 2007, 35, 150-167.	1.7	35
18	Drug-Protein Adducts: Chemistry, Mechanisms of Toxicity, and Methods of Characterization. <i>Chemical Research in Toxicology</i> , 2016, 29, 2040-2057.	1.7	35

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19	Integrated strategies for assessment of metabolite exposure in humans during drug development: analytical challenges and clinical development considerations. <i>Biopharmaceutics and Drug Disposition</i> , 2009, 30, 163-184.	1.1	34
20	Antroquinonol A: Scalable Synthesis and Preclinical Biology of a Phase 2 Drug Candidate. <i>ACS Central Science</i> , 2016, 2, 27-31.	5.3	34
21	The application of high-resolution mass spectrometry-based data-mining tools in tandem to metabolite profiling of a triple drug combination in humans. <i>Analytica Chimica Acta</i> , 2015, 897, 34-44.	2.6	26
22	Algorithm for Thorough Background Subtraction of High-Resolution LC/MS Data: Application to Obtain Clean Product Ion Spectra from Nonselective Collision-Induced Dissociation Experiments. <i>Analytical Chemistry</i> , 2009, 81, 2695-2700.	3.2	25
23	Bioactivation of Substituted Thiophenes Including $\hat{1}\pm$ -Chlorothiophene-Containing Compounds in Human Liver Microsomes. <i>Chemical Research in Toxicology</i> , 2011, 24, 663-669.	1.7	24
24	Direct Analysis of Aqueous Samples by Matrix-assisted Laser Desorption Ionization Mass Spectrometry Using Membrane Targets Precoated with Matrix. , 1996, 31, 690-692.		23
25	Pooled Sample Strategy in Conjunction with High-Resolution Liquid Chromatography~Mass Spectrometry-Based Background Subtraction to Identify Toxicological Markers in Dogs Treated with Ibipinabant. <i>Analytical Chemistry</i> , 2010, 82, 3834-3839.	3.2	22
26	An Integrated Approach for Studying Exposure, Metabolism, and Disposition of Multiple Component Herbal Medicines Using High-Resolution Mass Spectrometry and Multiple Data Processing Tools. <i>Drug Metabolism and Disposition</i> , 2016, 44, 800-808.	1.7	22
27	Mass Defect Filtering on High Resolution LC/MS Data as a Methodology for Detecting Metabolites with Unpredictable Structures: Identification of Oxazole-Ring Opened Metabolites of Muraglitazar. <i>Drug Metabolism Letters</i> , 2007, 1, 287-292.	0.5	21
28	High-Resolution Mass Spectrometry-Based Background Subtraction for Identifying Protein Modifications in a Complex Biological System: Detection of Acetaminophen-Bound Microsomal Proteins Including Argininosuccinate Synthetase. <i>Chemical Research in Toxicology</i> , 2015, 28, 775-781.	1.7	11
29	Cannabinoid Receptor Antagonist-Induced Striated Muscle Toxicity and Ethylmalonic-Adipic Aciduria in Beagle Dogs. <i>Toxicological Sciences</i> , 2012, 129, 268-279.	1.4	10
30	Urinary metabolites of 2-bromoethanamine identified by stable isotope labelling: evidence for carbamylation and glutathione conjugation. <i>Xenobiotica</i> , 2011, 41, 144-154.	0.5	9
31	Characterization of S~thiolation on secreted proteins from <i>E. coli</i> by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3343-3349.	0.7	6
32	Study of the reactions and reaction mechanisms of phosphine (Ph3P) and of phosphite ((PhO)3P) with sulphur (S8). <i>Organic Mass Spectrometry</i> , 1992, 27, 50-52.	1.3	2
33	2-Pyridine Carboxaldehyde for Semi-Automated Soft Spot Identification in Cyclic Peptides. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4269.	1.8	1