

Pan Deng

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,426
citations

361045

20
h-index

344852

36
g-index

47
all docs

47
docs citations

47
times ranked

2433
citing authors

#	ARTICLE	IF	CITATIONS
1	An ABA-mimicking ligand that reduces water loss and promotes drought resistance in plants. <i>Cell Research</i> , 2013, 23, 1043-1054.	5.7	167
2	Metabolism and Pharmacokinetics of 3- <i>n</i> -Butylphthalide (NBP) in Humans: The Role of Cytochrome P450s and Alcohol Dehydrogenase in Biotransformation. <i>Drug Metabolism and Disposition</i> , 2013, 41, 430-444.	1.7	99
3	Noninvasive liquid diet delivery of stable isotopes into mouse models for deep metabolic network tracing. <i>Nature Communications</i> , 2017, 8, 1646.	5.8	74
4	Bioanalysis of an oligonucleotide and its metabolites by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 571-579.	1.4	70
5	Derivatization methods for quantitative bioanalysis by LC-MS/MS. <i>Bioanalysis</i> , 2012, 4, 49-69.	0.6	63
6	Pharmacokinetics, Metabolism, and Excretion of the Antiviral Drug Arbidol in Humans. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1743-1755.	1.4	63
7	Hepatic metabolomics reveals that liver injury increases PCB 126-induced oxidative stress and metabolic dysfunction. <i>Chemosphere</i> , 2019, 217, 140-149.	4.2	61
8	De novo synthesis of serine and glycine fuels purine nucleotide biosynthesis in human lung cancer tissues. <i>Journal of Biological Chemistry</i> , 2019, 294, 13464-13477.	1.6	58
9	Spermine synthase and MYC cooperate to maintain colorectal cancer cell survival by repressing Bim expression. <i>Nature Communications</i> , 2020, 11, 3243.	5.8	55
10	Discovery of glycerol phosphate modification on streptococcal rhamnose polysaccharides. <i>Nature Chemical Biology</i> , 2019, 15, 463-471.	3.9	53
11	Derivatization methods for LC-MS analysis of endogenous compounds. <i>Bioanalysis</i> , 2015, 7, 2557-2581.	0.6	52
12	Identification of Amiodarone Metabolites in Human Bile by Ultraperformance Liquid Chromatography/Quadrupole Time-of-Flight Mass Spectrometry. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1058-1069.	1.7	51
13	XX sex chromosome complement promotes atherosclerosis in mice. <i>Nature Communications</i> , 2019, 10, 2631.	5.8	48
14	Application of metabolomics to characterize environmental pollutant toxicity and disease risks. <i>Reviews on Environmental Health</i> , 2019, 34, 251-259.	1.1	37
15	Aldehyde Oxidase Mediated Metabolism in Drug-like Molecules: A Combined Computational and Experimental Study. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2973-2982.	2.9	34
16	Identification of Amino Acid and Glutathione <i>n</i> -Conjugates of Toosendanin: Bioactivation of the Furan Ring Mediated by CYP3A4. <i>Chemical Research in Toxicology</i> , 2014, 27, 1598-1609.	1.7	33
17	The molecular mechanism of N-acetylglucosamine side-chain attachment to the Lancefield group A carbohydrate in <i>Streptococcus pyogenes</i> . <i>Journal of Biological Chemistry</i> , 2017, 292, 19441-19457.	1.6	33
18	Simultaneous determination of capecitabine and its three nucleoside metabolites in human plasma by high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 989, 71-79.	1.2	28

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19	Evidence for the Bioactivation of 4-Nonylphenol to Quinone Methide and <i>ortho</i> -Benzoquinone Metabolites in Human Liver Microsomes. <i>Chemical Research in Toxicology</i> , 2010, 23, 1617-1628.	1.7	27
20	Development and validation of a liquid chromatography-tandem mass spectrometry method for the determination of febuxostat in human plasma. <i>Biomedical Chromatography</i> , 2013, 27, 34-38.	0.8	23
21	Dietary inulin decreases circulating ceramides by suppressing neutral sphingomyelinase expression and activity in mice. <i>Journal of Lipid Research</i> , 2020, 61, 45-53.	2.0	21
22	Simultaneous determination of amodiaquine and its active metabolite in human blood by ion-pair liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 860, 18-25.	1.2	20
23	Determination of tropisetron in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 848-852.	1.4	20
24	Quantitative profiling of carbonyl metabolites directly in crude biological extracts using chemoselective tagging and nanoESI-FTMS. <i>Analyst</i> , The, 2018, 143, 311-322.	1.7	20
25	Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice. <i>Environmental Pollution</i> , 2020, 261, 114183.	3.7	20
26	Validated LC-MS/MS method for quantitative determination of rasagiline in human plasma and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 873, 203-208.	1.2	19
27	Metabolism of Flumatnib, a Novel Antineoplastic Tyrosine Kinase Inhibitor, in Chronic Myelogenous Leukemia Patients. <i>Drug Metabolism and Disposition</i> , 2010, 38, 1328-1340.	1.7	16
28	Characterization of ornidazole metabolites in human bile after intravenous doses by ultraperformance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 159-167.	5.7	16
29	Characterization of metabolites of GLS4 in humans using ultrahigh-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2483-2492.	0.7	16
30	Untargeted Stable Isotope Probing of the Gut Microbiota Metabolome Using ¹³ C-Labeled Dietary Fibers. <i>Journal of Proteome Research</i> , 2021, 20, 2904-2913.	1.8	16
31	Physicochemical Properties and Evaluation of Microemulsion Systems for Transdermal Delivery of Meloxicam. <i>Chemical Research in Chinese Universities</i> , 2007, 23, 81-86.	1.3	15
32	Co-exposure to PCB126 and PFOS increases biomarkers associated with cardiovascular disease risk and liver injury in mice. <i>Toxicology and Applied Pharmacology</i> , 2020, 409, 115301.	1.3	15
33	Quantification of polar drugs in human plasma with liquid chromatography-tandem mass spectrometry. <i>Bioanalysis</i> , 2009, 1, 187-203.	0.6	14
34	Analysis of diacylglycerols by ultra performance liquid chromatography-quadrupole time-of-flight mass spectrometry: Double bond location and isomers separation. <i>Analytica Chimica Acta</i> , 2016, 925, 23-33.	2.6	13
35	Simultaneous determination of 6R-leucovorin, 6S-leucovorin and 5-methyltetrahydrofolate in human plasma using solid phase extraction and chiral liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 902-910.	1.2	12
36	The late stage of COPI vesicle fission requires shorter forms of phosphatidic acid and diacylglycerol. <i>Nature Communications</i> , 2019, 10, 3409.	5.8	11

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37	Characterization of TPN729 metabolites in humans using ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 217-226.	1.4	10
38	Hydrolytic Metabolism of Cyanopyrrolidine DPP-4 Inhibitors Mediated by Dipeptidyl Peptidases. <i>Drug Metabolism and Disposition</i> , 2019, 47, 238-248.	1.7	6
39	Healthful nutrition as a prevention and intervention paradigm to decrease the vulnerability to environmental toxicity or stressors and associated inflammatory disease risks. <i>Food Frontiers</i> , 2020, 1, 13-14.	3.7	6
40	EBF1 promotes triple-negative breast cancer progression by surveillance of the HIF1 α pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	4
41	Determination of arotinoid acid in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2983-2988.	1.2	3
42	The consequence and mechanism of dietary flavonoids on androgen profiles and disorders amelioration. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11327-11350.	5.4	2
43	Abstract 2502: Liquid diet introduction of tracers into mice for stable isotope-resolved metabolomics (SIRM) investigations. , 2017, , .		0