Pan Deng

List of Publications by Year
in descending order

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	The consequence and mechanism of dietary flavonoids on androgen profiles and disorders amelioration. Critical Reviews in Food Science and Nutrition, 2023, 63, 11327-11350.	5.4	2
2	EBF1 promotes triple-negative breast cancer progression by surveillance of the HIF1Î± pathway. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	4
3	Untargeted Stable Isotope Probing of the Gut Microbiota Metabolome Using ¹³C-Labeled Dietary Fibers. Journal of Proteome Research, 2021, 20, 2904-2913.	1.8	16
4	Dietary inulin decreases circulating ceramides by suppressing neutral sphingomyelinase expression and activity in mice. Journal of Lipid Research, 2020, 61, 45-53.	2.0	21
5	Co-exposure to PCB126 and PFOS increases biomarkers associated with cardiovascular disease risk and liver injury in mice. Toxicology and Applied Pharmacology, 2020, 409, 115301.	1.3	15
6	Healthful nutrition as a prevention and intervention paradigm to decrease the vulnerability to environmental toxicity or stressors and associated inflammatory disease risks. Food Frontiers, 2020, 1, 13-14.	3.7	6
7	Spermine synthase and MYC cooperate to maintain colorectal cancer cell survival by repressing Bim expression. Nature Communications, 2020, 11, 3243.	5.8	55
8	Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice. Environmental Pollution, 2020, 261, 114183.	3.7	20
9	Application of metabolomics to characterize environmental pollutant toxicity and disease risks. Reviews on Environmental Health, 2019, 34, 251-259.	1.1	37
10	De novo synthesis of serine and glycine fuels purine nucleotide biosynthesis in human lung cancer tissues. Journal of Biological Chemistry, 2019, 294, 13464-13477.	1.6	58
11	The late stage of COPI vesicle fission requires shorter forms of phosphatidic acid and diacylglycerol. Nature Communications, 2019, 10, 3409.	5.8	11
12	XX sex chromosome complement promotes atherosclerosis in mice. Nature Communications, 2019, 10, 2631.	5.8	48
13	Discovery of glycerol phosphate modification on streptococcal rhamnose polysaccharides. Nature Chemical Biology, 2019, 15, 463-471.	3.9	53
14	Hydrolytic Metabolism of Cyanopyrrolidine DPP-4 Inhibitors Mediated by Dipeptidyl Peptidases. Drug Metabolism and Disposition, 2019, 47, 238-248.	1.7	6
15	Hepatic metabolomics reveals that liver injury increases PCB 126-induced oxidative stress and metabolic dysfunction. Chemosphere, 2019, 217, 140-149.	4.2	61
16	Quantitative profiling of carbonyl metabolites directly in crude biological extracts using chemoselective tagging and nanoESI-FTMS. Analyst, The, 2018, 143, 311-322.	1.7	20
17	Aldehyde Oxidase Mediated Metabolism in Drug-like Molecules: A Combined Computational and Experimental Study. Journal of Medicinal Chemistry, 2017, 60, 2973-2982.	2.9	34
18	The molecular mechanism of N-acetylglucosamine side-chain attachment to the Lancefield group A carbohydrate in Streptococcus pyogenes. Journal of Biological Chemistry, 2017, 292, 19441-19457.	1.6	33

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19	Noninvasive liquid diet delivery of stable isotopes into mouse models for deep metabolic network tracing. Nature Communications, 2017, 8, 1646.	5.8	74
20	Abstract 2502: Liquid diet introduction of tracers into mice for stable isotope-resolved metabolomics (SIRM) investigations. , 2017, , .		0
21	Characterization of TPN729 metabolites in humans using ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 217-226.	1.4	10
22	Analysis of diacylglycerols by ultra performance liquid chromatography-quadrupole time-of-flight mass spectrometry: Double bond location and isomers separation. Analytica Chimica Acta, 2016, 925, 23-33.	2.6	13
23	Simultaneous determination of capecitabine and its three nucleoside metabolites in human plasma by high performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 989, 71-79.	1.2	28
24	Derivatization methods for LCâ€“MS analysis of endogenous compounds. Bioanalysis, 2015, 7, 2557-2581.	0.6	52
25	Identification of Amino Acid and Glutathione N-Conjugates of Toosendanin: Bioactivation of the Furan Ring Mediated by CYP3A4. Chemical Research in Toxicology, 2014, 27, 1598-1609.	1.7	33
26	Development and validation of a liquid chromatographyâ€“tandem mass spectrometry method for the determination of febuxostat in human plasma. Biomedical Chromatography, 2013, 27, 34-38.	0.8	23
27	Pharmacokinetics, Metabolism, and Excretion of the Antiviral Drug Arbidol in Humans. Antimicrobial Agents and Chemotherapy, 2013, 57, 1743-1755.	1.4	63
28	Metabolism and Pharmacokinetics of 3-n-Butylphthalide (NBP) in Humans: The Role of Cytochrome P450s and Alcohol Dehydrogenase in Biotransformation. Drug Metabolism and Disposition, 2013, 41, 430-444.	1.7	99
29	Characterization of metabolites of GLS4 in humans using ultrahighâ€performance liquid chromatography/quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 2483-2492.	0.7	16
30	An ABA-mimicking ligand that reduces water loss and promotes drought resistance in plants. Cell Research, 2013, 23, 1043-1054.	5.7	167
31	Derivatization methods for quantitative bioanalysis by LCâ€“MS/MS. Bioanalysis, 2012, 4, 49-69.	0.6	63
32	Characterization of ornidazole metabolites in human bile after intraveneous doses by ultraperformance liquid chromatography/quadrupole time-of-flight mass spectrometry. Acta Pharmaceutica Sinica B, 2012, 2, 159-167.	5.7	16
33	Identification of Amiodarone Metabolites in Human Bile by Ultraperformance Liquid Chromatography/Quadrupole Time-of-Flight Mass Spectrometry. Drug Metabolism and Disposition, 2011, 39, 1058-1069.	1.7	51
34	Bioanalysis of an oligonucleotide and its metabolites by liquid chromatographyâ€“tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 571-579.	1.4	70
35	Metabolism of Flumatinib, a Novel Antineoplastic Tyrosine Kinase Inhibitor, in Chronic Myelogenous Leukemia Patients. Drug Metabolism and Disposition, 2010, 38, 1328-1340.	1.7	16
36	Evidence for the Bioactivation of 4-Nonylphenol to Quinone Methide andortho-Benzoquinone Metabolites in Human Liver Microsomes. Chemical Research in Toxicology, 2010, 23, 1617-1628.	1.7	27

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37	Quantification of polar drugs in human plasma with liquid chromatographyâ€“tandem mass spectrometry. Bioanalysis, 2009, 1, 187-203.	0.6	14
38	Simultaneous determination of 6R-leucovorin, 6S-leucovorin and 5-methyltetrahydrofolate in human plasma using solid phase extraction and chiral liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 902-910.	1.2	12
39	Determination of arotinoid acid in human plasma by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2983-2988.	1.2	3
40	Determination of tropisetron in human plasma by liquid chromatographyâ€“tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 848-852.	1.4	20
41	Validated LCâ€“MS/MS method for quantitative determination of rasagiline in human plasma and its application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 873, 203-208.	1.2	19
42	Physicochemical Properties and Evaluation of Microemulsion Systems for Transdermal Delivery of Meloxicam. Chemical Research in Chinese Universities, 2007, 23, 81-86.	1.3	15
43	Simultaneous determination of amodiaquine and its active metabolite in human blood by ion-pair liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 860, 18-25.	1.2	20