Cong Wei

List of Publications by Year
in descending order

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26 papers	2,263 citations	759233 12 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	4690 citing authors

#	Article	IF	Citations
1	Oncogene-induced Nrf2 transcription promotes ROS detoxification and tumorigenesis. Nature, 2011, 475, 106-109.	27.8	1,831
2	Where Did the Linker-Payload Go? A Quantitative Investigation on the Destination of the Released Linker-Payload from an Antibody-Drug Conjugate with a Maleimide Linker in Plasma. Analytical Chemistry, 2016, 88, 4979-4986.	6.5	73
3	Hematopoietic stem cell function requires 12/15-lipoxygenaseâ€“dependent fatty acid metabolism. Blood, 2010, 115, 5012-5022.	1.4	57
4	15-oxo-Eicosatetraenoic Acid, a Metabolite of Macrophage 15-Hydroxyprostaglandin Dehydrogenase That Inhibits Endothelial Cell Proliferation. Molecular Pharmacology, 2009, 76, 516-525.	2.3	56
5	2017 White Paper on recent issues in bioanalysis: rise of hybrid LBA/LCMS immunogenicity assays (Part) Tj ETQq1 1 0.784314 rgBT /Ov	1.5	32
6	Unconjugated payload quantification and DAR characterization of antibodyâ€“drug conjugates using high-resolution MS. Bioanalysis, 2016, 8, 1663-1678.	1.5	27
7	Quantitative Conjugated Payload Measurement Using Enzymatic Release of Antibodyâ€“Drug Conjugate with Cleavable Linker. Bioconjugate Chemistry, 2017, 28, 620-626.	3.6	24
8	Robust Translation of Â-Secretase Modulator Pharmacology across Preclinical Species and Human Subjects. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 125-137.	2.5	22
9	LCâ€“MS Challenges in Characterizing and Quantifying Monoclonal Antibodies (mAb) and Antibody-Drug Conjugates (ADC) in Biological Samples. Current Pharmacology Reports, 2018, 4, 45-63.	3.0	21
10	Calculated conjugated payload from immunoassay and LCâ€“MS intact protein analysis measurements of antibody-drug conjugate. Bioanalysis, 2016, 8, 2205-2217.	1.5	20
11	Utility of high-resolution accurate MS to eliminate interferences in the bioanalysis of ribavirin and its phosphate metabolites. Bioanalysis, 2012, 4, 1895-1905.	1.5	19
12	15(S)-Lipoxygenase-1 associates with neutral lipid droplets in macrophage foam cells: evidence of lipid droplet metabolism. Journal of Lipid Research, 2009, 50, 2371-2376.	4.2	12
13	Interferon regulatory factor-8â^'driven myeloid differentiation is regulated by 12/15-lipoxygenaseâ^'mediated redox signaling. Experimental Hematology, 2010, 38, 1036-1046.e4.	0.4	12
14	Identification and Preclinical Pharmacology of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold-italic">Î³</mml:mi></mml:mrow></mml:math>-Secretase Modulator BMS-869780. International Journal of Alzheimer's Disease, 2014, 2014, 1-22.	2.0	12
15	Screening and Characterization of Reactive Compounds with In Vitro Peptide-Trapping and Liquid Chromatography/High-Resolution Accurate Mass Spectrometry. Journal of Biomolecular Screening, 2014, 19, 297-307.	2.6	9
16	Intestinal Excretion, Intestinal Recirculation, and Renal Tubule Reabsorption Are Underappreciated Mechanisms That Drive the Distribution and Pharmacokinetic Behavior of Small Molecule Drugs. Journal of Medicinal Chemistry, 2021, 64, 7045-7059.	6.4	9
17	A Cross Company Perspective on the Assessment of Therapeutic Protein Biotransformation. Drug Metabolism and Disposition, 2022, 50, 846-857.	3.3	8
18	Stable isotope labeling by amino acids in cell culture-based liquid chromatographyâ€“mass spectrometry assay to measure microtubule dynamics in neuronal cell cultures. Analytical Biochemistry, 2014, 466, 65-71.	2.4	4

#	Article	IF	Citations
19	Novel advances in biotransformation and bioactivation research â€“ 2020 year in review. Drug Metabolism Reviews, 2021, 53, 384-433.	3.6	4
20	Synergistic inhibition of AÎ² production by combinations of Î³-secretase modulators. European Journal of Pharmacology, 2017, 812, 104-112.	3.5	3
21	Biotransformation novel advances â€“ 2021 year in review. Drug Metabolism Reviews, 2022, 54, 207-245.	3.6	3
22	Use of Intravenous Infusion Study Design to Simultaneously Determine Brain Penetration and Systemic Pharmacokinetic Parameters in Rats. Drug Metabolism and Disposition, 2021, 49, 142-151.	3.3	2
23	Improving the LC-MS bioanalysis of hydrophilic peptides utilizing vacuum-based sample preparation. Analytical Methods, 2014, 6, 4885.	2.7	1
24	Optimizing Transcardial Perfusion of Small Molecules and Biologics for Brain Penetration and Biodistribution Studies in Rodents. Biopharmaceutics and Drug Disposition, 2022, , .	1.9	1
25	Utility of high resolution accurate mass spectrometry (HRMS) in the mass isotopomer distribution analysis (MIDA) of CSF proteins modified by stable isotope labeling in mammals (SILAM) methodology applied to neurodegenerative diseases. Analytical Methods, 2017, 9, 3477-3484.	2.7	0
26	Assessing ADC Plasma Stability by LC-MS Methods. Methods in Molecular Biology, 2020, 2078, 353-359.	0.9	0