

Long Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

605
citations

777949

13
h-index

685536

24
g-index

38
all docs

38
docs citations

38
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Antisense Oligonucleotide In Vitro Protein Binding Determination in Plasma, Brain, and Cerebral Spinal Fluid Using Hybridization LC-MS/MS. <i>Drug Metabolism and Disposition</i> , 2022, 50, 268-276.	1.7	7
2	Validation and application of hybridization liquid chromatography-tandem mass spectrometry methods for quantitative bioanalysis of antisense oligonucleotides. <i>Bioanalysis</i> , 2022, 14, 589-601.	0.6	11
3	A bridging immunogenicity assay for anti-cabiralizumab antibodies: overcoming the low assay cut point and drug tolerance challenges. <i>Bioanalysis</i> , 2021, 13, 395-407.	0.6	2
4	Application of in-sample calibration curve methodology for regulated bioanalysis: Critical considerations in method development, validation and sample analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112844.	1.4	9
5	Bioanalysis of biological matrix samples using liquid chromatography-tandem mass spectrometry detection. , 2020, , 641-659.		1
6	Fit-for-purpose protein biomarker assay validation strategies using hybrid immunocapture-liquid chromatography-tandem-mass spectrometry platform: Quantitative analysis of total soluble cluster of differentiation 73. <i>Analytica Chimica Acta</i> , 2020, 1126, 144-153.	2.6	7
7	Challenges and recommendations in developing LC-MS/MS bioanalytical assays of labile glucuronides and parent compounds in the presence of glucuronide metabolites. <i>Bioanalysis</i> , 2020, 12, 615-624.	0.6	7
8	A convenient strategy to overcome interference in LC-MS/MS analysis: Application in a microdose absolute bioavailability study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 198-206.	1.4	9
9	Discovery, identification and mitigation of isobaric sulfate metabolite interference to a phosphate prodrug in LC-MS/MS bioanalysis: Critical role of method development in ensuring assay quality. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 141-147.	1.4	7
10	Overcoming the stability, solubility and extraction challenges in reversed-phase UHPLC-MS/MS bioanalysis of a phosphate drug and its prodrug in blood lysate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 157, 36-43.	1.4	4
11	Investigation of the extraction recovery of analytes from multiple types of tissues and its impact on tissue bioanalysis using two model compounds. <i>Analytica Chimica Acta</i> , 2016, 945, 57-66.	2.6	9
12	Beneficial and Adverse Effects of an LXR Agonist on Human Lipid and Lipoprotein Metabolism and Circulating Neutrophils. <i>Cell Metabolism</i> , 2016, 24, 223-233.	7.2	109
13	A simple, effective approach for rapid development of high-throughput and reliable LC-MS/MS bioanalytical assays. <i>Bioanalysis</i> , 2016, 8, 1809-1822.	0.6	13
14	A simple, fast, sensitive and robust LC-MS/MS bioanalytical assay for evaluating 7 α -hydroxy-4-cholesten-3-one biomarker in a clinical program. <i>Bioanalysis</i> , 2016, 8, 2445-2455.	0.6	8
15	Center punch and whole spot bioanalysis of apixaban in human dried blood spot samples by UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 66-74.	1.2	38
16	A UHPLC-MS/MS bioanalytical assay for the determination of BMS-911543, a JAK2 inhibitor, in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 991, 85-91.	1.2	7
17	Dried blood spot analysis without dilution: Application to the LC-MS/MS determination of BMS-986001 in rat dried blood spot. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1002, 201-209.	1.2	3
18	Feasibility assessment of a novel selective peptide derivatization strategy for sensitivity enhancement for the liquid chromatography/tandem mass spectrometry bioanalysis of protein therapeutics in serum. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 705-712.	0.7	9

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19	A validated LC-MS/MS method for the simultaneous determination of BMS-791325, a hepatitis C virus NS5B RNA polymerase inhibitor, and its metabolite in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 973, 1-8.	1.2	19
20	Use of a carboxylesterase inhibitor of phenylmethanesulfonyl fluoride to stabilize epothilone D in rat plasma for a validated UHPLC-MS/MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 60-68.	1.2	11
21	Application of a stabilizer cocktail of N-ethylmaleimide and phenylmethanesulfonyl fluoride to concurrently stabilize the disulfide and ester containing compounds in a plasma LC-MS/MS assay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 552-561.	1.4	22
22	Improved ruggedness of an ion-pairing liquid chromatography/tandem mass spectrometry assay for the quantitative analysis of the triphosphate metabolite of a nucleoside reverse transcriptase inhibitor in peripheral blood mononuclear cells. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 481-488.	0.7	16
23	Systematic investigation of orthogonal SPE sample preparation for the LC-MS/MS bioanalysis of a monoclonal antibody after pellet digestion. <i>Bioanalysis</i> , 2013, 5, 2379-2391.	0.6	32
24	A rugged and accurate liquid chromatography-tandem mass spectrometry method for the determination of asunaprevir, an NS3 protease inhibitor, in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 921-922, 81-86.	1.2	16
25	Bioanalysis Young Investigator: Announcing our finalists!. <i>Bioanalysis</i> , 2013, 5, 1963-1964.	0.6	1
26	A User-Friendly Robotic Sample Preparation Program for Fully Automated Biological Sample Pipetting and Dilution to Benefit the Regulated Bioanalysis. <i>Journal of the Association for Laboratory Automation</i> , 2012, 17, 211-221.	2.8	20
27	Simple and efficient digestion of a monoclonal antibody in serum using pellet digestion: comparison with traditional digestion methods in LC-MS/MS bioanalysis. <i>Bioanalysis</i> , 2012, 4, 2887-2896.	0.6	39
28	Automated dried blood spots standard and QC sample preparation using a robotic liquid handler. <i>Bioanalysis</i> , 2012, 4, 2795-2804.	0.6	11
29	Automation in new frontiers of bioanalysis: a key for quality and efficiency. <i>Bioanalysis</i> , 2012, 4, 2759-2762.	0.6	13
30	Systematic evaluation of the root cause of non-linearity in liquid chromatography/tandem mass spectrometry bioanalytical assays and strategy to predict and extend the linear standard curve range. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1465-1474.	0.7	44
31	Antioxidant Effects of Lycopene in African American Men with Prostate Cancer or Benign Prostate Hyperplasia: A Randomized, Controlled Trial. <i>Cancer Prevention Research</i> , 2011, 4, 711-718.	0.7	67
32	Estrogen Receptor β Enhances the Rate of Oxidative DNA Damage by Targeting an Equine Estrogen Catechol Metabolite to the Nucleus. <i>Journal of Biological Chemistry</i> , 2009, 284, 8633-8642.	1.6	29