

Wenying Jian

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

911
citations

430874

18
h-index

454955

30
g-index

49
all docs

49
docs citations

49
times ranked

971
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in application of hydrophilic interaction chromatography for quantitative bioanalysis. <i>Journal of Separation Science</i> , 2010, 33, 681-697.	2.5	139
2	Validation and application of an LC-MS/MS method for quantitation of three fatty acid ethanolamides as biomarkers for fatty acid hydrolase inhibition in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1687-1699.	2.3	63
3	LC-MS bioanalysis of intact proteins and peptides. <i>Biomedical Chromatography</i> , 2020, 34, e4633.	1.7	62
4	A workflow for absolute quantitation of large therapeutic proteins in biological samples at intact level using LC-HRMS. <i>Bioanalysis</i> , 2016, 8, 1679-1691.	1.5	57
5	Relative Quantitation of Glycoisoforms of Intact Apolipoprotein C3 in Human Plasma by Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 2867-2874.	6.5	54
6	Rapid Detection and Characterization of in Vitro and Urinary N-Acetyl-cysteine Conjugates Using Quadrupole-Linear Ion Trap Mass Spectrometry and Polarity Switching. <i>Chemical Research in Toxicology</i> , 2009, 22, 1246-1255.	3.3	52
7	Development and validation of an LC-MS/MS based method for quantification of 25 hydroxyvitamin D2 and 25 hydroxyvitamin D3 in human serum and plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 961, 62-70.	2.3	42
8	Simultaneous Catabolite Identification and Quantitation of Large Therapeutic Protein at the Intact Level by Immunoaffinity Capture Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 6065-6075.	6.5	40
9	Evaluation of a High-Throughput Online Solid Phase Extraction-Tandem Mass Spectrometry System for In Vivo Bioanalytical Studies. <i>Analytical Chemistry</i> , 2011, 83, 8259-8266.	6.5	39
10	Important considerations for quantitation of small-molecule biomarkers using LC-MS. <i>Bioanalysis</i> , 2012, 4, 2431-2434.	1.5	36
11	Potential bias and mitigations when using stable isotope labeled parent drug as internal standard for LC-MS/MS quantitation of metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3267-3276.	2.3	29
12	Analysis of polar metabolites by hydrophilic interaction chromatography-MS/MS. <i>Bioanalysis</i> , 2011, 3, 899-912.	1.5	27
13	Quantitation of intact monoclonal antibody in biological samples: comparison of different data processing strategies. <i>Bioanalysis</i> , 2018, 10, 1055-1067.	1.5	24
14	2019 White Paper on Recent Issues in Bioanalysis: Chromatographic Assays (Part 1 - Innovation in Small Molecule Assays) Tj ETQq0 0 0 rgBT /Overlock	1.5	24
15	2020 White Paper on Recent Issues in Bioanalysis: BMV of Hybrid Assays, Acoustic MS, HRMS, Data Integrity, Endogenous Compounds, Microsampling and Microbiome (Part 1 - Recommendations) Tj ETQq1 1 0.784314 rgB	1.5	24
	<i>Bioanalysis</i> , 2021, 13, 203-238.		
16	Quantitation of leukotriene B4 in human sputum as a biomarker using UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 59-65.	2.3	22
17	LC-MS Challenges in Characterizing and Quantifying Monoclonal Antibodies (mAb) and Antibody-Drug Conjugates (ADC) in Biological Samples. <i>Current Pharmacology Reports</i> , 2018, 4, 45-63.	3.0	21
18	Recent advances in absolute quantification of peptides and proteins using LC-MS. <i>Reviews in Analytical Chemistry</i> , 2014, 33, .	3.2	20

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19	Intact Protein Mass Spectrometry for Therapeutic Protein Quantitation, Pharmacokinetics, and Biotransformation in Preclinical and Clinical Studies: An Industry Perspective. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1886-1900.	2.8	19
20	LC/MS/MS Bioanalysis of Protein-Drug Conjugates: The Importance of Incorporating Succinimide Hydrolysis Products. <i>Analytical Chemistry</i> , 2018, 90, 5314-5321.	6.5	15
21	2021 White Paper on Recent Issues in Bioanalysis: Mass Spec of Proteins, Extracellular Vesicles, CRISPR, Chiral Assays, Oligos; Nanomedicines Bioanalysis; ICH M10 Section 7.1; Non-Liquid & Rare Matrices; Regulatory Inputs (Part 1A) - Recommendations on Endogenous Compounds, Small Molecules.) <i>Trends in Analytical Chemistry</i> , 2021, 144, 101787.	1.5	14
22	Bio-generation of stable isotope labeled internal standards for absolute and relative quantitation of drug metabolites in plasma samples by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 926, 92-100.	2.3	13
23	Bioanalytical workflow for novel scaffold protein-drug conjugates: quantitation of total Centyrin protein, conjugated Centyrin and free payload for Centyrin-drug conjugate in plasma and tissue samples using liquid chromatography-tandem mass spectrometry. <i>Bioanalysis</i> , 2018, 10, 1651-1665.	1.5	12
24	A Cross Company Perspective on the Assessment of Therapeutic Protein Biotransformation. <i>Drug Metabolism and Disposition</i> , 2022, 50, 846-857.	3.3	8
25	Conjugation of a peptide to an antibody engineered with free cysteines dramatically improves half-life and activity. <i>MAbs</i> , 2020, 12, 1794687.	5.2	7
26	LC-MS/MS quantification of 7 α -hydroxy-4-cholesten-3-one (C4) in rat and monkey plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1064, 49-55.	2.3	6
27	Novel advances in biotransformation and bioactivation research - 2020 year in review. <i>Drug Metabolism Reviews</i> , 2021, 53, 384-433.	3.6	4
28	Selectivity for quantitation of biomarkers using liquid chromatography and mass spectrometry. <i>Bioanalysis</i> , 2018, 10, 1461-1465.	1.5	3
29	Design, synthesis and preclinical evaluation of bio-conjugated amylinomimetic peptides as long-acting amylin receptor agonists. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114330.	5.5	2
30	Bioanalysis of small and large molecule drugs, metabolites, and biomarkers by LC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1926, 3-38.		1
31	Application of middle-down approach in quantitation and catabolite identification of protein by LC-high-resolution mass spectrometry. <i>Bioanalysis</i> , 2021, 13, 465-479.	1.5	1