

Jim X Shen

List of Publications by Year in descending order

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35
papers

885
citations

516681

16
h-index

477281

29
g-index

36
all docs

36
docs citations

36
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimization of ion suppression in LC-MS/MS analysis through the application of strong cation exchange solid-phase extraction (SCX-SPE). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 359-367.	2.8	114
2	A sensitive liquid chromatography and mass spectrometry method for the determination of posaconazole in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 228-236.	2.8	78
3	A Novel and Cost Effective Method of Removing Excess Albumin from Plasma/Serum Samples and Its Impacts on LC-MS/MS Bioanalysis of Therapeutic Proteins. <i>Analytical Chemistry</i> , 2014, 86, 8336-8343.	6.5	66
4	Orthogonal extraction/chromatography and UPLC, two powerful new techniques for bioanalytical quantitation of desloratadine and 3-hydroxydesloratadine at 25 pg/mL. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 689-706.	2.8	63
5	A high-throughput LC-MS/MS method for the quantitation of posaconazole in human plasma: Implementing fused core silica liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 46-52.	2.8	62
6	LC-MS/MS determination of apixaban (BMS-562247) and its major metabolite in human plasma: an application of polarity switching and monolithic HPLC column. <i>Bioanalysis</i> , 2014, 6, 2071-2082.	1.5	43
7	Evaluation of automated micro solid phase extraction tips (1/4-SPE) for the validation of a LC-MS/MS bioanalytical method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 843, 275-282.	2.3	41
8	Characterization of ionophore-metal complexes by infrared multiphoton photodissociation and collision activated dissociation in a quadrupole ion trap mass spectrometer. <i>Analyst</i> , The, 2000, 125, 641-650.	3.5	32
9	Formation of doubly charged transition metal-polyether-pyridyl mixed-ligand complexes by electrospray ionization. <i>Journal of Mass Spectrometry</i> , 1999, 34, 137-146.	1.6	28
10	Dissociation of doubly charged transition metal/polyether/pyridyl ligand complexes in a quadrupole ion trap mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 126-135.	2.8	27
11	Simultaneous determination of desloratadine and pseudoephedrine in human plasma using micro solid-phase extraction tips and aqueous normal-phase liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3145-3155.	1.5	27
12	Selective Reaction Monitoring of Negative Electrospray Ionization Acetate Adduct Ions for the Bioanalysis of Dapagliflozin in Clinical Studies. <i>Analytical Chemistry</i> , 2015, 87, 3247-3254.	6.5	26
13	A validated enantioselective LC-MS/MS assay for the simultaneous determination of carvedilol and its pharmacologically active 4-hydroxyphenyl metabolite in human plasma: Application to a clinical pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 574-579.	2.8	25
14	Overcoming bioanalytical challenges in an Onglyza intravenous [¹⁴ C]microdose absolute bioavailability study with accelerator MS. <i>Bioanalysis</i> , 2012, 4, 1855-1870.	1.5	20
15	Sensitivity-based analytical approaches to support human absolute bioavailability studies. <i>Bioanalysis</i> , 2014, 6, 497-504.	1.5	19
16	Post-column metal complexation of quinolone antibiotics in a quadrupole ion trap. , 1999, 13, 1381-1389.		18
17	Reasons for calibration standard curve slope variation in LC-MS assays and how to address it. <i>Bioanalysis</i> , 2014, 6, 1439-1443.	1.5	17
18	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.	1.5	16

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19	Fit-for-purpose bioanalytical cross-validation for LC-MS/MS assays in clinical studies. <i>Bioanalysis</i> , 2013, 5, 83-90.	1.5	16
20	Complexation of polyethers and pyridyl ligands with monovalent transition metal ions in the gas phase. <i>International Journal of Mass Spectrometry</i> , 1998, 176, 39-61.	1.5	15
21	Strategies for improving sensitivity and selectivity for the quantitation of biotherapeutics in biological matrix using LC-MS/MS. <i>Expert Review of Proteomics</i> , 2015, 12, 125-131.	3.0	14
22	Strategy for the Quantitation of a Protein Conjugate via Hybrid Immunocapture-Liquid Chromatography with Sequential HRMS and SRM-Based LC-MS/MS Analyses. <i>Analytical Chemistry</i> , 2017, 89, 5144-5151.	6.5	14
23	A multiplexed immunocapture liquid chromatography tandem mass spectrometry assay for the simultaneous measurement of myostatin and GDF-11 in rat serum using an automated sample preparation platform. <i>Analytica Chimica Acta</i> , 2017, 979, 36-44.	5.4	13
24	Stereoselective quantitation of a serine protease inhibitor using LC-MS/MS at elevated column temperature. <i>Journal of Separation Science</i> , 2008, 31, 242-254.	2.5	11
25	Implementation of high-temperature superficially porous technologies for rapid LC-MS/MS diastereomer bioanalysis. <i>Bioanalysis</i> , 2011, 3, 735-743.	1.5	11
26	Development and validation of a liquid chromatography tandem mass spectrometry assay for the quantitation of a protein therapeutic in cynomolgus monkey serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 81-87.	2.3	11
27	A validated LC-MS/MS method for the quantitative measurement of creatinine as an endogenous biomarker in human plasma. <i>Bioanalysis</i> , 2016, 8, 1997-2005.	1.5	11
28	Evaluation of proton-binding capabilities of polyether and pyridyl ligands. <i>Journal of Mass Spectrometry</i> , 1998, 33, 118-129.	1.6	10
29	Bioanalysis of propylparaben and p-hydroxybenzoic acid, and their sulfate conjugates in rat plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 947-948, 68-74.	2.3	9
30	Using temperature to optimize resolution and reduce analysis times for bioanalytical diastereomer LC-MS/MS separations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 179-185.	2.8	7
31	Regulated bioanalytical laboratory automation: where we came from, where we are and where we are going. <i>Bioanalysis</i> , 2011, 3, 1415-1418.	1.5	7
32	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.	2.3	7
33	Determination of a novel thrombin receptor antagonist (SCH 530348) in human plasma: Evaluation of Ultra Performance Liquid Chromatography-tandem mass spectrometry for routine bioanalytical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 349-359.	2.8	3
34	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.	2.3	3
35	Bioanalysis for Service Users. , 2013, , .		1