

Michael G Bartlett

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155
papers

2,891
citations

31
h-index

43
g-index

165
ext. papers

3,259
ext. citations

3.4
avg, IF

5.44
L-index

#	Paper	IF	Citations
155	Determination of arginine and methylated arginines in human plasma by liquid chromatography-tandem mass spectrometry. <i>Biomedical Applications</i> , 2000 , 748, 157-66		104
154	Chromatographic methods for the determination of therapeutic oligonucleotides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 883-884, 76-94	3.2	88
153	Chronic, intermittent exposure to chlorpyrifos in rats: protracted effects on axonal transport, neurotrophin receptors, cholinergic markers, and information processing. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 1117-28	4.7	76
152	Simultaneous determination of five antipsychotic drugs in rat plasma by high performance liquid chromatography with ultraviolet detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 856, 20-8	3.2	66
151	Sensitive liquid chromatography/tandem mass spectrometry method for the simultaneous determination of olanzapine, risperidone, 9-hydroxyrisperidone, clozapine, haloperidol and ziprasidone in rat brain tissue. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 858, 274-81	3.2	63
150	Quantitative liquid chromatography/time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2007 , 21, 567-76	1.7	60
149	Evaluation of mobile phase composition for enhancing sensitivity of targeted quantification of oligonucleotides using ultra-high performance liquid chromatography and mass spectrometry: application to phosphorothioate deoxyribonucleic acid. <i>Journal of Chromatography A</i> , 2013 , 1288, 73-81	4.5	53
148	An LC-MS-MS method for the comprehensive analysis of cocaine and cocaine metabolites in meconium. <i>Analytical Chemistry</i> , 2000 , 72, 764-71	7.8	53
147	Hydrophilic interaction liquid chromatography/electrospray mass spectrometry determination of acyclovir in pregnant rat plasma and tissues. <i>Rapid Communications in Mass Spectrometry</i> , 2002 , 16, 1871-6 ²		52
146	Determination of antimigraine compounds rizatriptan, zolmitriptan, naratriptan and sumatriptan in human serum by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 168-72	2.2	52
145	Systematic optimization of ion-pairing agents and hexafluoroisopropanol for enhanced electrospray ionization mass spectrometry of oligonucleotides. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 2655-64	2.2	47
144	The nicotine metabolite, cotinine, attenuates glutamate (NMDA) antagonist-related effects on the performance of the five choice serial reaction time task (5C-SRTT) in rats. <i>Biochemical Pharmacology</i> , 2012 , 83, 941-51	6	44
143	The Role of Fluorinated Alcohols as Mobile Phase Modifiers for LC-MS Analysis of Oligonucleotides. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 190-199	3.5	44
142	Liquid chromatography/tandem mass spectrometry method for the simultaneous determination of olanzapine, risperidone, 9-hydroxyrisperidone, clozapine, haloperidol and ziprasidone in rat plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 920-8	2.2	44
141	Determination of lamivudine/stavudine/efavirenz in human serum using liquid chromatography/electrospray tandem mass spectrometry with ionization polarity switch. <i>Biomedical Chromatography</i> , 2002 , 16, 383-9	1.7	44
140	The effect of organic modifiers on electrospray ionization charge-state distribution and desorption efficiency for oligonucleotides. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 257-64	3.5	43
139	Determination of acyclovir in maternal plasma, amniotic fluid, fetal and placental tissues by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 772, 327-34	3.2	42

138	Koninginin G, a new metabolite from trichoderma aureoviride. <i>Journal of Natural Products</i> , 1999 , 62, 137-9	4.9	39
137	The effect of backbone charge on the collision-induced dissociation of oligonucleotides. <i>Journal of Mass Spectrometry</i> , 1996 , 31, 1277-83	2.2	38
136	LC-MS of oligonucleotides: applications in biomedical research. <i>Bioanalysis</i> , 2014 , 6, 1525-42	2.1	36
135	Electrospray Collision-induced Dissociation Mass Spectra of Positively Charged Oligonucleotides. <i>Rapid Communications in Mass Spectrometry</i> , 1997 , 11, 846-856	2.2	36
134	Rapid determination of the synthetic pyrethroid insecticide, deltamethrin, in rat plasma and tissues by HPLC. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 834, 141-8	3.2	35
133	Determination of deltamethrin and its metabolite 3-phenoxybenzoic acid in male rat plasma by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 810, 221-227	3.2	35
132	Determination of gatifloxacin in human plasma by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 915-9	2.2	35
131	Bioanalytical methods for the determination of antipsychotic drugs. <i>Biomedical Chromatography</i> , 2008 , 22, 671-87	1.7	34
130	Collision-induced dissociation mass spectra of cocaine, and its metabolites and pyrolysis products. <i>Journal of Mass Spectrometry</i> , 1998 , 33, 961-967	2.2	33
129	Ion exchange liquid chromatography method for the direct determination of small ribonucleic acids. <i>Analytica Chimica Acta</i> , 2013 , 799, 57-67	6.6	32
128	A one-step solid phase extraction method for bioanalysis of a phosphorothioate oligonucleotide and its 3Qn-1 metabolite from rat plasma by uHPLC-MS/MS. <i>AAPS Journal</i> , 2012 , 14, 772-80	3.7	32
127	Targeting melanoma growth and viability reveals dualistic functionality of the phosphonothionate analogue of carba cyclic phosphatidic acid. <i>Molecular Cancer</i> , 2010 , 9, 140	42.1	32
126	Analysis of dichloroacetic acid in rat blood and tissues by hydrophilic interaction liquid chromatography with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 1075-83	2.2	32
125	Revealing the protein propionylation activity of the histone acetyltransferase MOF (males absent on the first). <i>Journal of Biological Chemistry</i> , 2018 , 293, 3410-3420	5.4	31
124	Quantitative gas chromatography/time-of-flight mass spectrometry: a review. <i>Biomedical Chromatography</i> , 2007 , 21, 664-9	1.7	31
123	A review of analytical methods for the determination of trichloroethylene and its major metabolites chloral hydrate, trichloroacetic acid and dichloroacetic acid. <i>Biomedical Chromatography</i> , 2005 , 19, 617-39	1.7	31
122	Paclitaxel induces acute pain via directly activating toll like receptor 4. <i>Molecular Pain</i> , 2015 , 11, 10	3.4	30
121	A review of sample preparation methods for quantitation of small-molecule analytes in brain tissue by liquid chromatography tandem mass spectrometry (LC-MS/MS). <i>Analytical Methods</i> , 2014 , 6, 6183-6207 ²	3.2	30

120	Sensitive liquid chromatography/tandem mass spectrometry method for the determination of the lipophilic antipsychotic drug chlorpromazine in rat plasma and brain tissue. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 854, 68-76	3.2	29
119	Myristoylation of Src kinase mediates Src-induced and high-fat diet-accelerated prostate tumor progression in mice. <i>Journal of Biological Chemistry</i> , 2017 , 292, 18422-18433	5.4	28
118	Supercritical fluid extraction and negative ion electrospray liquid chromatography tandem mass spectrometry analysis of phenobarbital, butalbital, pentobarbital and thiopental in human serum. <i>Rapid Communications in Mass Spectrometry</i> , 1998 , 12, 890-4	2.2	28
117	Liquid chromatography--tandem mass spectrometry analysis of cocaine and its metabolites from blood, amniotic fluid, placental and fetal tissues: study of the metabolism and distribution of cocaine in pregnant rats. <i>Biomedical Applications</i> , 2000 , 745, 287-303		28
116	Alkylamine ion-pairing reagents and the chromatographic separation of oligonucleotides. <i>Journal of Chromatography A</i> , 2018 , 1580, 110-119	4.5	27
115	Chlorpyrifos and chlorpyrifos oxon impair the transport of membrane bound organelles in rat cortical axons. <i>NeuroToxicology</i> , 2017 , 62, 111-123	4.4	26
114	Determination of chlorpyrifos and its metabolites in rat brain tissue using coupled-column liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2689-95	2.2	26
113	Profiling Cellular Substrates of Lysine Acetyltransferases GCN5 and p300 with Orthogonal Labeling and Click Chemistry. <i>ACS Chemical Biology</i> , 2017 , 12, 1547-1555	4.9	24
112	From the Cover: Astrocytes Are Protective Against Chlorpyrifos Developmental Neurotoxicity in Human Pluripotent Stem Cell-Derived Astrocyte-Neuron Cocultures. <i>Toxicological Sciences</i> , 2017 , 157, 410-420	4.4	24
111	Quantitation of cotinine and its metabolites in rat plasma and brain tissue by hydrophilic interaction chromatography tandem mass spectrometry (HILIC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 907, 117-25	3.2	24
110	Determination of the lipophilic antipsychotic drug ziprasidone in rat plasma and brain tissue using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2008 , 22, 770-8	1.7	24
109	Pharmacokinetics of intravenous acyclovir, zidovudine, and acyclovir-zidovudine in pregnant rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 991-6	5.9	24
108	Analysis of Dichloroacetic Acid in Drinking Water by Ion Exchange HILIC-LC/MS/MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004 , 27, 2343-2355	1.3	23
107	Validation of a gas chromatography/mass spectrometry method for the quantification of aerosolized Jet Propellant 8. <i>Journal of Chromatography A</i> , 2005 , 1093, 11-20	4.5	23
106	Development of a Method for the Determination of Acyl-CoA Compounds by Liquid Chromatography Mass Spectrometry to Probe the Metabolism of Fatty Acids. <i>Analytical Chemistry</i> , 2017 , 89, 813-821	7.8	22
105	Up-regulation of vitamin B1 homeostasis genes in breast cancer. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1616-24	6.3	22
104	Quantitation of the large polypeptide glucagon by protein precipitation and LC/MS. <i>Biomedical Chromatography</i> , 2004 , 18, 700-5	1.7	22
103	Glycan analysis for protein therapeutics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1120, 29-40	3.2	21

102	Ion pair liquid chromatography method for the determination of thiamine (vitamin B1) homeostasis. <i>Biomedical Chromatography</i> , 2016 , 30, 35-41	1.7	21
101	Determination of therapeutic oligonucleotides using capillary gel electrophoresis. <i>Biomedical Chromatography</i> , 2012 , 26, 409-18	1.7	21
100	Determination of aripiprazole in rat plasma and brain using ultra-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012 , 26, 1325-32	1.7	21
99	Metabolite Profiling of the Antisense Oligonucleotide Eluforsen Using Liquid Chromatography-Mass Spectrometry. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 17, 714-725	10.7	20
98	Simultaneous determination of zidovudine and lamivudine from rat plasma, amniotic fluid and tissues by HPLC. <i>Biomedical Chromatography</i> , 2004 , 18, 641-7	1.7	20
97	Assessing the Interplay between the Physicochemical Parameters of Ion-Pairing Reagents and the Analyte Sequence on the Electrospray Desorption Process for Oligonucleotides. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 1647-1656	3.5	19
96	Chromatographic approaches for the characterization and quality control of therapeutic oligonucleotide impurities. <i>Biomedical Chromatography</i> , 2018 , 32, e4088	1.7	19
95	Determination of trichloroethylene in biological samples by headspace solid-phase microextraction gas chromatography/mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 863, 26-35	3.2	19
94	Determination of lamivudine in plasma, amniotic fluid, and rat tissues by liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 803, 279-84	3.2	19
93	Comparison of cyclodextrin-barbiturate noncovalent complexes using electrospray ionization mass spectrometry and capillary electrophoresis. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 624-32	2.2	19
92	Determination of degradation products from the calcium-channel blocker isradipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 18, 335-45	3.5	18
91	Comparison of Time-of-Flight Mass Spectrometry to Triple Quadrupole Tandem Mass Spectrometry for Quantitative Bioanalysis: Application to Antipsychotics. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 2737-2751	1.3	18
90	Quantitative determination of the polypeptide motilin in rat plasma by externally calibrated liquid chromatography/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 293-8	2.2	18
89	Determination of deltamethrin and its metabolite 3-phenoxybenzoic acid in male rat plasma by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 810, 221-7	3.2	18
88	Chromatographic methods for the bioanalysis of pyrethroid pesticides. <i>Biomedical Chromatography</i> , 2016 , 30, 772-89	1.7	18
87	Identification of protein adduction using mass spectrometry: Protein adducts as biomarkers and predictors of toxicity mechanisms. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 652-64	2.2	17
86	A rapid analytical method for the quantification of paclitaxel in rat plasma and brain tissue by high-performance liquid chromatography and tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 2127-34	2.2	17
85	Simultaneous determination of zidovudine and lamivudine from rat tissues by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 503-8	2.2	17

84	Determination of ondansetron and its hydroxy metabolites in human serum using solid-phase extraction and liquid chromatography/positive ion electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2000 , 35, 1329-34	2.2	16
83	Carboxylic acid analogues of tamoxifen: (Z)-2-[p-(1, 2-diphenyl-1-butenyl)phenoxy]-N,N-dimethylethylamine. Estrogen receptor affinity and estrogen antagonist effects in MCF-7 cells. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 3126-33	8.3	16
82	A Novel Flavonoid Composition Targets Androgen Receptor Signaling and Inhibits Prostate Cancer Growth in Preclinical Models. <i>Neoplasia</i> , 2018 , 20, 789-799	6.4	15
81	Current State of Oligonucleotide Characterization Using Liquid Chromatography-Mass Spectrometry: Insight into Critical Issues. <i>Journal of the American Society for Mass Spectrometry</i> , 2020 , 31, 1775-1782	3.5	15
80	Direct identification of microribonucleic acid miR-451 from plasma using liquid chromatography mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1584, 97-105	4.5	15
79	Tropisetron enhances recognition memory in rats chronically treated with risperidone or quetiapine. <i>Biochemical Pharmacology</i> , 2018 , 151, 180-187	6	15
78	Degradation product characterization of therapeutic oligonucleotides using liquid chromatography mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 3375-3384	4.4	14
77	Use of 2-Hydroxy-1-naphthoic Acid as a Matrix for Matrix-assisted Laser Desorption/Ionization Mass Spectrometry of Low Molecular Weight Porphyrins and Peptides. <i>Journal of Mass Spectrometry</i> , 1996 , 31, 275-279	2.2	14
76	4-Azido-2-pyrimidinone Nucleosides and Related Chemistry. <i>Journal of Organic Chemistry</i> , 1997 , 62, 7267-7271	4.2	13
75	Capillary electrophoresis stereoselective determination of R-(+)- and S-(-)-pentobarbital from serum using hydroxypropyl-gamma-cyclodextrin, solid-phase extraction and ultraviolet detection. <i>Biomedical Applications</i> , 1997 , 703, 289-94		13
74	Comparison of local anesthetic-cyclodextrin non-covalent complexes using capillary electrophoresis and electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2002 , 13, 928-35	3.5	13
73	BIOANALYSIS AND BIOTRANSFORMATION OF OLIGONUCLEOTIDE THERAPEUTICS BY LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021 , 40, 334-358	11	13
72	Mass Spectrometric Quantitation of Tubulin Acetylation from Pepsin-Digested Rat Brain Tissue Using a Novel Stable-Isotope Standard and Capture by Anti-Peptide Antibody (SISCAPA) Method. <i>Analytical Chemistry</i> , 2018 , 90, 2155-2163	7.8	12
71	Rapid simultaneous capillary electrophoretic determination of (R)- and (S)-secobarbital from serum and prediction of hydroxypropyl-gamma-cyclodextrin-secobarbital stereoselective interaction using molecular mechanics simulation. <i>Journal of Chromatographic Science</i> , 1998 , 36, 85-90	1.4	12
70	Simultaneous quantitation of quetiapine and its active metabolite norquetiapine in rat plasma and brain tissue by high performance liquid chromatography/electrospray ionization tandem mass spectrometry (LC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 1002, 71-7	3.2	11
69	Optimization of SPME for Analysis of Trichloroethylene in Rat Blood and Tissues by SPME-GC/MS. <i>Instrumentation Science and Technology</i> , 2005 , 33, 175-186	1.4	11
68	Development of a surrogate matrix for cerebral spinal fluid for liquid chromatography/mass spectrometry based analytical methods. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 854-8	2.2	11
67	Determination of didanosine in maternal plasma, amniotic fluid, fetal and placental tissues by high-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2006 , 20, 605-11	1.7	10

66	A review of analytical methods for the identification and quantification of hydrocarbons found in jet propellant 8 and related petroleum based fuels. <i>Biomedical Chromatography</i> , 2006 , 20, 492-507	1.7	10
65	Trace level determination of trichloroethylene from liver, lung and kidney tissues by gas chromatography-magnetic sector mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 783, 319-25	3.2	10
64	Identification of lysine isobutyrylation as a new histone modification mark. <i>Nucleic Acids Research</i> , 2021 , 49, 177-189	20.1	10
63	Bio-generation of stable isotope-labeled internal standards for absolute and relative quantitation of phase II drug metabolites in plasma samples using LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4053-63	4.4	9
62	Trace level determination of trichloroethylene in biological samples by headspace solid-phase microextraction gas chromatography/negative chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 797-806	2.2	9
61	A Validated GC-MS Assay for the Quantitation of Trichloroethylene (TCE) from Drinking Water. <i>International Journal of Environmental Analytical Chemistry</i> , 2003 , 83, 427-432	1.8	9
60	The adaptive regulation of thiamine pyrophosphokinase-1 facilitates malignant growth during supplemental thiamine conditions. <i>Oncotarget</i> , 2018 , 9, 35422-35438	3.3	9
59	Pharmacokinetics of cotinine in rats: a potential therapeutic agent for disorders of cognitive function. <i>Pharmacological Reports</i> , 2015 , 67, 494-500	3.9	8
58	Determination of deltamethrin in rat plasma and brain using gas chromatography-negative chemical ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 960, 158-65	3.2	8
57	Thiamine mimetics sulbutiamine and benfotiamine as a nutraceutical approach to anticancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 121, 109648	7.5	8
56	Long-chain fatty acyl-CoA synthetase 1 promotes prostate cancer progression by elevation of lipogenesis and fatty acid beta-oxidation. <i>Oncogene</i> , 2021 , 40, 1806-1820	9.2	8
55	Dietary palmitate cooperates with Src kinase to promote prostate tumor progression. <i>Prostate</i> , 2019 , 79, 896-908	4.2	7
54	In vitro metabolism of 2Qribose unmodified and modified phosphorothioate oligonucleotide therapeutics using liquid chromatography mass spectrometry. <i>Biomedical Chromatography</i> , 2020 , 34, e4839	1.7	7
53	Determination of chlorpyrifos and its metabolites in cells and culture media by liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1063, 112-117	3.2	7
52	HPLC DETERMINATION OF ACYCLOVIR AND ZIDOVUDINE IN MATERNAL PLASMA, AMNIOTIC FLUID, FETAL, AND PLACENTAL TISSUES USING ULTRA-VIOLET DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002 , 25, 2857-2871	1.3	7
51	Recent advances in liquid chromatographic methods for the determination of selective serotonin reuptake inhibitors and serotonin norepinephrine reuptake inhibitors. <i>Biomedical Chromatography</i> , 2020 , 34, e4760	1.7	7
50	Chronic oral treatment with risperidone impairs recognition memory and alters brain-derived neurotrophic factor and related signaling molecules in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 189, 172853	3.9	6
49	Hazards in chromatographic bioanalysis method development and applications. <i>Biomedical Chromatography</i> , 2017 , 31, e3859	1.7	6

48	Probing the energetics of charge-remote fragmentation in carbocyanine dyes using collision- and surface-induced dissociation mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1998 , 33, 75-84	2.2	6
47	In situ derivatization/solid-phase microextraction coupled with gas chromatography/negative chemical ionization mass spectrometry for the determination of trichloroethylene metabolites in rat blood. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 1023-31	2.2	6
46	Determination of diisopropylfluorophosphate in rat plasma and brain tissue by headspace solid-phase microextraction gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 3069-75	2.2	6
45	Determination of Chlorpyrifos and its Metabolites in Rat Blood Using Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007 , 30, 273-285	1.3	6
44	Simultaneous quantitation of zidovudine and zidovudine monophosphate from plasma, amniotic fluid and tissues by micellar capillary electrophoresis. <i>Biomedical Chromatography</i> , 2004 , 18, 523-31	1.7	6
43	SIMULTANEOUS CAPILLARY ELECTROPHORESIS DETERMINATION OF BARBITURATES FROM MECONIUM. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002 , 25, 113-123	1.3	6
42	Liquid secondary ion mass spectra of 2-iminothiolane derivatives. <i>Biological Mass Spectrometry</i> , 1994 , 23, 353-6		6
41	Quantitation of Deltamethrin in Rat Liver and Muscle Homogenates Using Dispersive Solid-Phase Extraction with GC-NCI-MS. <i>Journal of AOAC INTERNATIONAL</i> , 2016 ,	1.7	5
40	Chronic antipsychotic treatment: protracted decreases in phospho-TrkA levels in the rat hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 799-805	5.8	5
39	Impact of Nonspecific Adsorption to Metal Surfaces in Ion Pair-RP LC-MS Impurity Analysis of Oligonucleotides. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 208, 114439	3.5	5
38	Long-Chain Acyl-CoA Synthetase 4-Mediated Fatty Acid Metabolism Sustains Androgen Receptor Pathway-Independent Prostate Cancer. <i>Molecular Cancer Research</i> , 2021 , 19, 124-135	6.6	5
37	Simultaneous determination of cis-permethrin and trans-permethrin in rat plasma and brain tissue using gas chromatography-negative chemical ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1060, 291-299	3.2	4
36	Characterization of supported and unsupported transition metal compounds by liquid secondary ion mass spectrometry. <i>Analytica Chimica Acta</i> , 1997 , 346, 223-236	6.6	4
35	Simultaneous Determination of Zalcitabine and Stavudine in Maternal Plasma, Amniotic Fluid, Placental, and Fetal Tissues using Reversed Phase on Silica Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 482-496	1.3	4
34	Optimization, validation and application of a method for the determination of trichloroethylene in rat plasma by headspace solid-phase microextraction gas chromatography mass spectrometry. <i>Biomedical Chromatography</i> , 2008 , 22, 977-84	1.7	4
33	CAPILLARY ELECTROPHORESIS DETERMINATION OF BUTALBITAL FROM SERUM USING SOLID PHASE EXTRACTION (SPE) AND ULTRAVIOLET DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000 , 23, 2361-2371	1.3	4
32	Determination of 2-Deoxythymidine in maternal plasma, amniotic fluid, placental and fetal tissues by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 183-9	3.2	4
31	Modeling cationic adduction of oligonucleotides using electrospray desorption ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8696	2.2	4

30	Oligonucleotide Anion Adduct Formation Using Negative Ion Electrospray Ion-Mobility Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2021 , 32, 497-508	3.5	4
29	Chromatographic methods for the determination of acyl-CoAs. <i>Analytical Methods</i> , 2018 , 10, 5252-5264	3.2	4
28	Determination of genotoxic impurities monomethyl sulfate and dimethyl sulfate in active pharmaceutical ingredients. <i>Analytical Methods</i> , 2017 , 9, 1112-1118	3.2	3
27	Development of an IPRP-LC-MS/MS method to determine the fate of intracellular thiamine in cancer cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1124, 247-255	3.2	3
26	Sample Preparation for LC-MS Bioanalysis of Oligonucleotides 2019 , 319-334		3
25	LC-MS Bioanalysis of Oligonucleotides 2013 , 607-627		3
24	Gas chromatography/negative chemical ionization mass spectrometry of transfluthrin in rat plasma and brain. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1573-1581	2.2	3
23	Determination of trichloroethylene from adipose tissue by headspace solid-phase microextraction gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 455-8	2.2	3
22	Determination of Deltamethrin and Its Metabolites, 3-Phenoxybenzoic Acid and 3-Phenoxybenzyl Alcohol, in Maternal Plasma, Amniotic Fluid, and Placental and Fetal Tissues by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004 , 27, 1875-1892	1.3	3
21	Structure determination of 4-azido-2-pyrimidinone nucleoside analogs using mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1999 , 34, 724-32	2.2	3
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