

Michael G Bartlett

List of Publications by Year in descending order

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160
papers

3,700
citations

109137

35
h-index

205818

48
g-index

165
all docs

165
docs citations

165
times ranked

3694
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of arginine and methylated arginines in human plasma by liquid chromatography-tandem mass spectrometry. <i>Biomedical Applications</i> , 2000, 748, 157-166.	1.7	117
2	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.	1.2	107
3	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, 1117-1128.	1.3	85
4	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, 20-28.	1.2	72
5	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, 276-281.	1.2	72
6	Quantitative liquid chromatography/time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2007, 21, 567-576.	0.8	68
7	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.	1.8	65
8	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.	1.2	65
9	Determination of antimigraine compounds rizatriptan, zolmitriptan, naratriptan and sumatriptan in human serum by liquid chromatography/electrospray tandem mass spectrometry. , 2000, 14, 168-172.		63
10	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, 1871-1876.	0.7	61
11	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, 2655-2664.	0.7	61
12	An LC-MS/MS Method for the Comprehensive Analysis of Cocaine and Cocaine Metabolites in Meconium. <i>Analytical Chemistry</i> , 2000, 72, 764-771.	3.2	59
13	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, 257-264.	1.2	52
14	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, 920-928.	0.7	50
15	Revealing the protein propionylation activity of the histone acetyltransferase MOF (males absent on) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	50
16	Koninginin G, a New Metabolite from <i>Trichoderma aureoviride</i> . <i>Journal of Natural Products</i> , 1999, 62, 137-139.	1.5	49
17	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, 383-389.	0.8	49
18	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, 941-951.	2.0	47

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19	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, 327-334.	1.2	46
20	LC-MS of oligonucleotides: applications in biomedical research. <i>Bioanalysis</i> , 2014, 6, 1525-1542.	0.6	44
21	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.	1.3	44
22	Determination of gatifloxacin in human plasma by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 915-919.	0.7	43
23	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.	2.6	43
24	A One-Step Solid Phase Extraction Method for Bioanalysis of a Phosphorothioate Oligonucleotide and Its n-1 Metabolite from Rat Plasma by uHPLC-MS/MS. <i>AAPS Journal</i> , 2012, 14, 772-780.	2.2	42
25	Ion exchange liquid chromatography method for the direct determination of small ribonucleic acids. <i>Analytica Chimica Acta</i> , 2013, 799, 57-67.	2.6	42
26	Paclitaxel Induces Acute Pain via Directly Activating Toll like Receptor 4. <i>Molecular Pain</i> , 2015, 11, s12990-015-0005.	1.0	42
27	Alkylamine ion-pairing reagents and the chromatographic separation of oligonucleotides. <i>Journal of Chromatography A</i> , 2018, 1580, 110-119.	1.8	42
28	The Effect of Backbone Charge on the Collision-Induced Dissociation of Oligonucleotides. , 1996, 31, 1277-1283.		41
29	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, 141-148.	1.2	41
30	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.	1.6	41
31	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.	1.2	40
32	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.	1.2	39
33	Targeting melanoma growth and viability reveals dualistic functionality of the phosphonothionate analogue of carba cyclic phosphatidic acid. <i>Molecular Cancer</i> , 2010, 9, 140.	7.9	39
34	Profiling Cellular Substrates of Lysine Acetyltransferases GCN5 and p300 with Orthogonal Labeling and Click Chemistry. <i>ACS Chemical Biology</i> , 2017, 12, 1547-1555.	1.6	39
35	Chromatographic approaches for the characterization and quality control of therapeutic oligonucleotide impurities. <i>Biomedical Chromatography</i> , 2018, 32, e4088.	0.8	39
36	Electrospray Collision-induced Dissociation Mass Spectra of Positively Charged Oligonucleotides. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 846-856.	0.7	38

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37	Bioanalytical methods for the determination of antipsychotic drugs. <i>Biomedical Chromatography</i> , 2008, 22, 671-687.	0.8	37
38	Metabolite Profiling of the Antisense Oligonucleotide Eluforsen Using Liquid Chromatography-Mass Spectrometry. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 17, 714-725.	2.3	36
39	Collision-induced dissociation mass spectra of cocaine, and its metabolites and pyrolysis products. <i>Journal of Mass Spectrometry</i> , 1998, 33, 961-967.	0.7	35
40	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, 617-639.	0.8	35
41	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.	1.2	35
42	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.	1.7	34
43	Quantitative gas chromatography/time-of-flight mass spectrometry: a review. <i>Biomedical Chromatography</i> , 2007, 21, 664-669.	0.8	34
44	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, 1075-1083.	0.7	33
45	Chlorpyrifos and chlorpyrifos oxon impair the transport of membrane bound organelles in rat cortical axons. <i>NeuroToxicology</i> , 2017, 62, 111-123.	1.4	33
46	Glycan analysis for protein therapeutics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1120, 29-40.	1.2	33
47	Supercritical fluid extraction and negative ion electrospray liquid chromatography tandem mass spectrometry analysis of phenobarbital, butalbital, pentobarbital and thiopental in human serum. , 1998, 12, 890-894.		32
48	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.	3.2	32
49	Identification of lysine isobutyrylation as a new histone modification mark. <i>Nucleic Acids Research</i> , 2021, 49, 177-189.	6.5	32
50	Pharmacokinetics of Intravenous Acyclovir, Zidovudine, and Acyclovir-Zidovudine in Pregnant Rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 991-996.	1.4	29
51	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, 2689-2695.	0.7	28
52	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, 770-778.	0.8	28
53	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.	1.2	28
54	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.	1.4	28

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55	Direct identification of microribonucleic acid miR-451 from plasma using liquid chromatography mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1584, 97-105.	1.8	28
56	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.	1.8	27
57	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, 117-125.	1.2	26
58	Determination of aripiprazole in rat plasma and brain using ultra-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 1325-1332.	0.8	26
59	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, 652-664.	0.7	26
60	Simultaneous determination of zidovudine and lamivudine from rat plasma, amniotic fluid and tissues by HPLC. <i>Biomedical Chromatography</i> , 2004, 18, 641-647.	0.8	25
61	Quantitation of the large polypeptide glucagon by protein precipitation and LC/MS. <i>Biomedical Chromatography</i> , 2004, 18, 700-705.	0.8	25
62	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.	0.5	25
63	Determination of therapeutic oligonucleotides using capillary gel electrophoresis. <i>Biomedical Chromatography</i> , 2012, 26, 409-418.	0.8	25
64	Ion pair liquid chromatography method for the determination of thiamine (vitamin B1) homeostasis. <i>Biomedical Chromatography</i> , 2016, 30, 35-41.	0.8	25
65	Chromatographic methods for the bioanalysis of pyrethroid pesticides. <i>Biomedical Chromatography</i> , 2016, 30, 772-789.	0.8	24
66	Degradation product characterization of therapeutic oligonucleotides using liquid chromatography mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3375-3384.	1.9	24
67	Up-regulation of vitamin B1 homeostasis genes in breast cancer. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1616-1624.	1.9	23
68	A Novel Flavonoid Composition Targets Androgen Receptor Signaling and Inhibits Prostate Cancer Growth in Preclinical Models. <i>Neoplasia</i> , 2018, 20, 789-799.	2.3	23
69	BIOANALYSIS AND BIOTRANSFORMATION OF OLIGONUCLEOTIDE THERAPEUTICS BY LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021, 40, 334-358.	2.8	23
70	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, 293-298.	0.7	22
71	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.	1.5	22
72	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.	1.2	21

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73	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.	0.5	21
74	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.	1.2	21
75	Comparison of cyclodextrin-barbiturate noncovalent complexes using electrospray ionization mass spectrometry and capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2000, 14, 624-632.		20
76	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, 279-284.	1.2	20
77	Simultaneous determination of zidovudine and lamivudine from rat tissues by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 503-508.	0.7	20
78	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.	0.7	18
79	Determination of degradation products from the calcium-channel blocker isradipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 18, 335-345.	1.4	18
80	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, 3126-3133.	2.9	18
81	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, 1329-1334.	0.7	18
82	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, 854-858.	0.7	18
83	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.	1.4	18
84	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, 2127-2134.	0.7	17
85	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.	0.8	17
86	4-Azido-2-pyrimidinone Nucleosides and Related Chemistry. <i>Journal of Organic Chemistry</i> , 1997, 62, 7267-7271.	1.7	16
87	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, 928-935.	1.2	16
88	Tropisetron enhances recognition memory in rats chronically treated with risperidone or quetiapine. <i>Biochemical Pharmacology</i> , 2018, 151, 180-187.	2.0	16
89	Capillary electrophoresis stereoselective determination of R-(+)- and S-($\hat{\sim}$)-pentobarbital from serum using hydroxypropyl- β -cyclodextrin, solid-phase extraction and ultraviolet detection. <i>Biomedical Applications</i> , 1997, 703, 289-294.	1.7	14
90	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.	3.2	14

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91	Rapid Simultaneous Capillary Electrophoretic Determination of (R)- and (S)-Secobarbital from Serum and Prediction of Hydroxypropyl- β -cyclodextrin–Secobarbital Stereoselective interaction Using Molecular Mechanics Simulation. <i>Journal of Chromatographic Science</i> , 1998, 36, 85-90.	0.7	13
92	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, 158-165.	1.2	13
93	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, 71-77.	1.2	13
94	Dietary palmitate cooperates with Src kinase to promote prostate tumor progression. <i>Prostate</i> , 2019, 79, 896-908.	1.2	13
95	In vitro metabolism of 2 α -ribose unmodified and modified phosphorothioate oligonucleotide therapeutics using liquid chromatography mass spectrometry. <i>Biomedical Chromatography</i> , 2020, 34, e4839.	0.8	13
96	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.	0.9	12
97	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, 605-611.	0.8	12
98	The adaptive regulation of thiamine pyrophosphokinase-1 facilitates malignant growth during supplemental thiamine conditions. <i>Oncotarget</i> , 2018, 9, 35422-35438.	0.8	12
99	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, 319-325.	1.2	11
100	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.	0.8	11
101	Thiamine mimetics sulbutiamine and benfotiamine as a nutraceutical approach to anticancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109648.	2.5	11
102	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	10
103	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.	0.7	10
104	Pharmacokinetics of cotinine in rats: A potential therapeutic agent for disorders of cognitive function. <i>Pharmacological Reports</i> , 2015, 67, 494-500.	1.5	10
105	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.	1.2	10
106	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.	1.2	10
107	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.	0.5	9
108	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, 4053-4063.	1.9	9

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109	Modeling cationic adduction of oligonucleotides using electrospray desorption ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8696.	0.7	9
110	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.	1.3	9
111	Simultaneous quantitation of zidovudine and zidovudine monophosphate from plasma, amniotic fluid and tissues by micellar capillary electrophoresis. <i>Biomedical Chromatography</i> , 2004, 18, 523-531.	0.8	8
112	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.	0.5	8
113	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, 3069-3075.	0.7	8
114	SIMULTANEOUS CAPILLARY ELECTROPHORESIS DETERMINATION OF BARBITURATES FROM MECONIUM. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002, 25, 113-123.	0.5	7
115	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, 1023-1031.	0.7	7
116	Chronic antipsychotic treatment: protracted decreases in phospho-TrkA levels in the rat hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 799-805.	1.0	7
117	Hazards in chromatographic bioanalysis method development and applications. <i>Biomedical Chromatography</i> , 2017, 31, e3859.	0.8	7
118	Liquid secondary ion mass spectra of 2-iminothiolane derivatives. <i>Biological Mass Spectrometry</i> , 1994, 23, 353-356.	0.5	6
119	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.	0.7	6
120	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.	1.2	6
121	Chromatographic methods for the determination of acyl-CoAs. <i>Analytical Methods</i> , 2018, 10, 5252-5264.	1.3	6
122	Data Integrity in the Pharmaceutical Industry: Analysis of Inspections and Warning Letters Issued by the Bioresearch Monitoring Program Between Fiscal Years 2007-2018. <i>Therapeutic Innovation and Regulatory Science</i> , 2020, 54, 1123-1133.	0.8	6
123	The critical role of mobile phase pH in the performance of oligonucleotide ion-pair liquid chromatography-mass spectrometry methods. <i>Future Science OA</i> , 2021, 7, FSO753.	0.9	6
124	Characterization of supported and unsupported transition metal compounds by liquid secondary ion mass spectrometry. <i>Analytica Chimica Acta</i> , 1997, 346, 223-236.	2.6	5
125	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, 977-984.	0.8	5
126	Determination of trichloroethylene from adipose tissue by headspace solid-phase microextraction gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 455-458.	0.7	5

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127	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, 99, 813-820.	0.7	5
128	Determination of genotoxic impurities monomethyl sulfate and dimethyl sulfate in active pharmaceutical ingredients. <i>Analytical Methods</i> , 2017, 9, 1112-1118.	1.3	5
129	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.	0.7	5
130	Evaluation of alkylamines and stationary phases to improve LC-MS of oligonucleotides. <i>Biomedical Chromatography</i> , 2021, 35, e5045.	0.8	5
131	Effects of Chronic Secondhand Smoke (SHS) Exposure on Cognitive Performance and Metabolic Pathways in the Hippocampus of Wild-Type and Human Tau Mice. <i>Environmental Health Perspectives</i> , 2021, 129, 057009.	2.8	5
132	Structure determination of 4-azido-2-pyrimidinone nucleoside analogs using mass spectrometry. , 1999, 34, 724-732.		4
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