

Bruno J Le Bizec

List of Publications by Year in descending order

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335
papers

12,957
citations

24978

57
h-index

49773

87
g-index

342
all docs

342
docs citations

342
times ranked

12562
citing authors

#	ARTICLE	IF	CITATIONS
1	The ion suppression phenomenon in liquid chromatography-mass spectrometry and its consequences in the field of residue analysis. <i>Analytica Chimica Acta</i> , 2005, 529, 129-136.	2.6	351
2	Toxicological Function of Adipose Tissue: Focus on Persistent Organic Pollutants. <i>Environmental Health Perspectives</i> , 2013, 121, 162-169.	2.8	269
3	Androgenic and estrogenic activity in water bodies receiving cattle feedlot effluent in Eastern Nebraska, USA.. <i>Environmental Health Perspectives</i> , 2004, 112, 346-352.	2.8	254
4	Recent developments in the use and abuse of growth promoters. <i>Analytica Chimica Acta</i> , 2002, 473, 71-82.	2.6	243
5	Exposure assessment of French women and their newborns to tetrabromobisphenol-A: Occurrence measurements in maternal adipose tissue, serum, breast milk and cord serum. <i>Chemosphere</i> , 2008, 73, 1036-1041.	4.2	201
6	Fate and Complex Pathogenic Effects of Dioxins and Polychlorinated Biphenyls in Obese Subjects before and after Drastic Weight Loss. <i>Environmental Health Perspectives</i> , 2011, 119, 377-383.	2.8	170
7	Perfluoroalkyl acid (PFAA) levels and profiles in breast milk, maternal and cord serum of French women and their newborns. <i>Environment International</i> , 2015, 84, 71-81.	4.8	167
8	Human testis steroidogenesis is inhibited by phthalates. <i>Human Reproduction</i> , 2012, 27, 1451-1459.	0.4	164
9	Novel analytical methods for the determination of steroid hormones in edible matrices. <i>Analytica Chimica Acta</i> , 2008, 611, 1-16.	2.6	163
10	PFOS (perfluorooctanesulfonate) in serum is negatively associated with testosterone levels, but not with semen quality, in healthy men. <i>Human Reproduction</i> , 2013, 28, 599-608.	0.4	158
11	Assessment of Circulating Sex Steroid Levels in Prepubertal and Pubertal Boys and Girls by a Novel Ultrasensitive Gas Chromatography-Tandem Mass Spectrometry Method. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 82-92.	1.8	152
12	Exposure assessment of French women and their newborn to brominated flame retardants: Determination of tri- to deca- polybromodiphenylethers (PBDE) in maternal adipose tissue, serum, breast milk and cord serum. <i>Environmental Pollution</i> , 2009, 157, 164-173.	3.7	149
13	Innovative method for determination of 19 polycyclic aromatic hydrocarbons in food and oil samples using gas chromatography coupled to tandem mass spectrometry based on an isotope dilution approach. <i>Journal of Chromatography A</i> , 2007, 1149, 333-344.	1.8	133
14	Suspect and non-targeted screening of chemicals of emerging concern for human biomonitoring, environmental health studies and support to risk assessment: From promises to challenges and harmonisation issues. <i>Environment International</i> , 2020, 139, 105545.	4.8	133
15	Determination of bisphenol A and related substitutes/analogues in human breast milk using gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2485-2497.	1.9	121
16	Ion Mobility Spectrometry in Food Analysis: Principles, Current Applications and Future Trends. <i>Molecules</i> , 2019, 24, 2706.	1.7	113
17	Validation of analytical methods based on mass spectrometric detection according to the 2002/657/EC European decision: guideline and application. <i>Analytica Chimica Acta</i> , 2003, 483, 325-334.	2.6	111
18	Development of a metabolomic approach based on liquid chromatography-high resolution mass spectrometry to screen for clenbuterol abuse in calves. <i>Analyst</i> , 2009, 134, 1637.	1.7	110

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19	Dietary exposure to polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and polychlorinated biphenyls of the French population: Results of the second French Total Diet Study. <i>Chemosphere</i> , 2012, 88, 492-500.	4.2	110
20	Simultaneous measurement of plasma concentrations and ¹³ C-enrichment of short-chain fatty acids, lactic acid and ketone bodies by gas chromatography coupled to mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 784, 395-403.	1.2	108
21	Options for veterinary drug analysis using mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 8016-8034.	1.8	107
22	Current applications and perspectives of ion mobility spectrometry to answer chemical food safety issues. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 94, 39-53.	5.8	107
23	Human dietary exposure to polycyclic aromatic hydrocarbons: Results of the second French Total Diet Study. <i>Environment International</i> , 2013, 54, 11-17.	4.8	101
24	Ultra trace detection of a wide range of anabolic steroids in meat by gas chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 867, 219-233.	1.8	99
25	Alternative (backdoor) androgen production and masculinization in the human fetus. <i>PLoS Biology</i> , 2019, 17, e3000002.	2.6	99
26	Basics of mass spectrometry based metabolomics. <i>Proteomics</i> , 2014, 14, 2369-2388.	1.3	95
27	Mass spectrometry-based metabolomics applied to the chemical safety of food. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 292-301.	5.8	91
28	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E715-E724.	3.3	88
29	New data regarding phytoestrogens content in bovine milk. <i>Food Chemistry</i> , 2004, 87, 275-281.	4.2	86
30	Collision Cross Section (CCS) Database: An Additional Measure to Characterize Steroids. <i>Analytical Chemistry</i> , 2018, 90, 4616-4625.	3.2	85
31	Collision-induced dissociation of corticosteroids in electrospray tandem mass spectrometry and development of a screening method by high performance liquid chromatography/tandem mass spectrometry. , 2000, 14, 33-39.		84
32	Past, present and future of mass spectrometry in the analysis of residues of banned substances in meat-producing animals. <i>Journal of Mass Spectrometry</i> , 2007, 42, 983-998.	0.7	82
33	Exposure assessment of fetus and newborn to brominated flame retardants in France: preliminary data. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 258-265.	1.5	81
34	Identification of ractopamine residues in tissue and urine samples at ultra-trace level using liquid chromatography-“positive electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 774, 59-66.	1.2	80
35	Probing new approaches using atmospheric pressure photo ionization for the analysis of brominated flame retardants and their related degradation products by liquid chromatography-“mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1082, 98-109.	1.8	80
36	Germination Stimulants of <i>Phelipanche ramosa</i> in the Rhizosphere of <i>Brassica napus</i> Are Derived from the Glucosinolate Pathway. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 993-1004.	1.4	79

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37	Blue sharks (<i>Prionace glauca</i>) as bioindicators of pollution and health in the Atlantic Ocean: Contamination levels and biochemical stress responses. <i>Science of the Total Environment</i> , 2016, 563-564, 282-292.	3.9	79
38	Presence and metabolism of the anabolic steroid boldenone in various animal species: a review. <i>Food Additives and Contaminants</i> , 2004, 21, 515-525.	2.0	78
39	Auto-deconvolution and molecular networking of gas chromatography-mass spectrometry data. <i>Nature Biotechnology</i> , 2021, 39, 169-173.	9.4	78
40	Multi-residue analysis for β -agonistic drugs in urine of meat-producing animals by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 1993, 275, 253-268.	2.6	77
41	New multiresidue analytical method dedicated to trace level measurement of brominated flame retardants in human biological matrices. <i>Journal of Chromatography A</i> , 2005, 1100, 144-152.	1.8	77
42	PrCYP707A1, an ABA catabolic gene, is a key component of <i>Phelipanche ramosa</i> seed germination in response to the strigolactone analogue GR24. <i>Journal of Experimental Botany</i> , 2012, 63, 5311-5322.	2.4	77
43	Targeted and untargeted profiling of biological fluids to screen for anabolic practices in cattle. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1269-1280.	5.8	73
44	Development and validation of a specific and sensitive gas chromatography tandem mass spectrometry method for the determination of bisphenol A residues in a large set of food items. <i>Journal of Chromatography A</i> , 2014, 1362, 241-249.	1.8	73
45	Study of 17β -estradiol-3-benzoate, 17β -methyltestosterone and medroxyprogesterone acetate fixation in bovine hair. <i>Analytica Chimica Acta</i> , 2005, 532, 165-176.	2.6	72
46	Dietary intake of non-dioxin-like PCBs (NDL-PCBs) in France, impact of maximum levels in some foodstuffs. <i>Regulatory Toxicology and Pharmacology</i> , 2009, 54, 287-293.	1.3	72
47	Polycyclic aromatic hydrocarbons: Bees, honey and pollen as sentinels for environmental chemical contaminants. <i>Chemosphere</i> , 2012, 86, 98-104.	4.2	72
48	Determination of naturally occurring oestrogens and androgens in retail samples of milk and eggs. <i>Food Additives and Contaminants</i> , 2007, 24, 1358-1366.	2.0	71
49	PCDD/F and PCB transfer to milk in goats exposed to a long-term intake of contaminated hay. <i>Chemosphere</i> , 2006, 64, 650-657.	4.2	67
50	Exposure Assessment of Prepubertal Children to Steroid Endocrine Disruptors. 2. Determination of Steroid Hormones in Milk, Egg, and Meat Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 3176-3184.	2.4	66
51	Ibuprofen results in alterations of human fetal testis development. <i>Scientific Reports</i> , 2017, 7, 44184.	1.6	65
52	Occurrence of priority and emerging organic compounds in fishes from the Rhone River (France). <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2721-2735.	1.9	63
53	In utero exposure to cigarette smoke dysregulates human fetal ovarian developmental signalling. <i>Human Reproduction</i> , 2014, 29, 1471-1489.	0.4	63
54	Identification of phytoestrogens in bovine milk using liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1256-1264.	0.7	62

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55	PCDD/Fs and dioxin-like PCBs in sediment and biota from the Mondego estuary (Portugal). <i>Chemosphere</i> , 2011, 83, 1345-1352.	4.2	62
56	Multi-residue extraction and purification procedure for corticosteroids in biological samples for efficient control of their misuse in livestock production. <i>Biomedical Applications</i> , 2001, 757, 11-19.	1.7	61
57	Assessment of two complementary liquid chromatography coupled to high resolution mass spectrometry metabolomics strategies for the screening of anabolic steroid treatment in calves. <i>Analytica Chimica Acta</i> , 2011, 700, 144-154.	2.6	59
58	Ligerin, an Antiproliferative Chlorinated Sesquiterpenoid from a Marine-Derived <i>Penicillium</i> Strain. <i>Journal of Natural Products</i> , 2013, 76, 297-301.	1.5	59
59	Occurrence of POPs and other persistent organic contaminants in the European eel (<i>Anguilla</i>) Tj ETQq1 1 0.784314 mgBT /Overlock 10 T	3.9	58
60	Associations between persistent organic pollutants and risk of breast cancer metastasis. <i>Environment International</i> , 2019, 132, 105028.	4.8	58
61	Human epidemiological evidence about the associations between exposure to organochlorine chemicals and endometriosis: Systematic review and meta-analysis. <i>Environment International</i> , 2019, 123, 209-223.	4.8	58
62	Consequence of boar edible tissue consumption on urinary profiles of nandrolone metabolites. I. Mass spectrometric detection and quantification of 19-norandrosterone and 19-noretiocholanolone in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1058-1065.	0.7	56
63	Analytical strategies for the direct mass spectrometric analysis of steroid and corticosteroid phase II metabolites. <i>Steroids</i> , 2005, 70, 205-216.	0.8	56
64	Interlaboratory and Interplatform Study of Steroids Collision Cross Section by Traveling Wave Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 5013-5022.	3.2	56
65	Preliminary assays to elucidate the structure of oxytetracycline's degradation products in sediments. <i>Biomedical Applications</i> , 2000, 748, 369-381.	1.7	54
66	Application of stable carbon isotope analysis to the detection of $^{17}O_2$ -estradiol administration to cattle. <i>Journal of Chromatography A</i> , 2005, 1093, 69-80.	1.8	54
67	Screening halogenated environmental contaminants in biota based on isotopic pattern and mass defect provided by high resolution mass spectrometry profiling. <i>Analytica Chimica Acta</i> , 2016, 936, 130-138.	2.6	54
68	HaloSeeker 1.0: A User-Friendly Software to Highlight Halogenated Chemicals in Nontargeted High-Resolution Mass Spectrometry Data Sets. <i>Analytical Chemistry</i> , 2019, 91, 3500-3507.	3.2	52
69	Occurrence of perfluorinated alkylated substances in breast milk of French women and relation with socio-demographical and clinical parameters: Results of the ELFE pilot study. <i>Chemosphere</i> , 2013, 91, 802-808.	4.2	51
70	Endogenous nandrolone metabolites in human urine: preliminary results to discriminate between endogenous and exogenous origin. <i>Steroids</i> , 2002, 67, 105-110.	0.8	50
71	Study of natural and artificial corticosteroid phase II metabolites in bovine urine using HPLC-MS/MS. <i>Steroids</i> , 2002, 67, 873-882.	0.8	50
72	Multi-residue method for the determination of thyreostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide. <i>Journal of Chromatography A</i> , 2005, 1085, 247-252.	1.8	50

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73	Effective monitoring for ractopamine residues in samples of animal origin by SPR biosensor and mass spectrometry. <i>Analytica Chimica Acta</i> , 2008, 608, 217-225.	2.6	50
74	Evidence that urinary excretion of thiouracil in adult bovine submitted to a cruciferous diet can give erroneous indications of the possible illegal use of thyrostats in meat production. <i>Food Additives and Contaminants</i> , 2006, 23, 974-980.	2.0	49
75	Patulin and secondary metabolite production by marine-derived <i>Penicillium</i> strains. <i>Fungal Biology</i> , 2012, 116, 954-961.	1.1	49
76	Assessment of dietary exposure to bisphenol A in the French population with a special focus on risk characterisation for pregnant French women. <i>Food and Chemical Toxicology</i> , 2014, 72, 90-97.	1.8	49
77	Analysis of glucuronide and sulfate steroids in urine by ultra-high-performance supercritical-fluid chromatography hyphenated tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4473-4484.	1.9	49
78	Determination of PAH profiles by GC-MS/MS in salmon processed by four cold-smoking techniques. <i>Food Additives and Contaminants</i> , 2007, 24, 744-757.	2.0	48
79	Monitoring Anabolic Steroids in Meat-Producing Animals. Review of Current Hyphenated Mass Spectrometric Techniques. <i>Chromatographia</i> , 2004, 59, S3-S11.	0.7	47
80	Exposure assessment of prepubertal children to steroid endocrine disrupters. <i>Analytica Chimica Acta</i> , 2007, 586, 105-114.	2.6	47
81	Global gene expression profiles induced by phytoestrogens in human breast cancer cells. <i>Endocrine-Related Cancer</i> , 2008, 15, 161-173.	1.6	47
82	Impact of storage conditions on the urinary metabolomics fingerprint. <i>Analytica Chimica Acta</i> , 2017, 951, 99-107.	2.6	47
83	An Investigation of the Endocrine-Disruptive Effects of Bisphenol A in Human and Rat Fetal Testes. <i>PLoS ONE</i> , 2015, 10, e0117226.	1.1	47
84	Transfer assessment of fipronil residues from feed to cow milk. <i>Talanta</i> , 2007, 73, 710-717.	2.9	46
85	Distribution of persistent organic pollutants in serum, omental, and parietal adipose tissue of French women with deep infiltrating endometriosis and circulating versus stored ratio as new marker of exposure. <i>Environment International</i> , 2016, 97, 125-136.	4.8	46
86	Versatile lipid profiling by liquid chromatography-high resolution mass spectrometry using all ion fragmentation and polarity switching. Preliminary application for serum samples phenotyping related to canine mammary cancer. <i>Analytica Chimica Acta</i> , 2013, 796, 75-83.	2.6	45
87	Determination of the exogenous character of testosterone in bovine urine by gas chromatography-combustion-isotope ratio mass spectrometry. <i>Analyst</i> , 1998, 123, 2617-2620.	1.7	44
88	Determination of Phenanthrene and Hydroxyphenanthrenes in Various Biological Matrices at Trace Levels using Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2005, 29, 175-181.	1.7	44
89	Organoleptic characterization and PAH content of salmon (<i>Salmo salar</i>) fillets smoked according to four industrial smoking techniques. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 847-854.	1.7	44
90	Development and validation of a multi-residue method for the detection of a wide range of hormonal anabolic compounds in hair using gas chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 586, 93-104.	2.6	44

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91	Development of an analytical strategy based on liquid chromatography–high resolution mass spectrometry for measuring perfluorinated compounds in human breast milk: Application to the generation of preliminary data regarding perinatal exposure in France. <i>Chemosphere</i> , 2011, 85, 473-480.	4.2	43
92	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. <i>Analytica Chimica Acta</i> , 2018, 1043, 52-63.	2.6	43
93	A new reliable sample preparation for high throughput focused steroid profiling by gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 6652-6660.	1.8	42
94	First mass spectrometry metabolic fingerprinting of bacterial metabolism in a model cheese. <i>Food Chemistry</i> , 2013, 141, 1032-1040.	4.2	42
95	Regional Sub-Saharan Africa Total Diet Study in Benin, Cameroon, Mali and Nigeria Reveals the Presence of 164 Mycotoxins and Other Secondary Metabolites in Foods. <i>Toxins</i> , 2019, 11, 54.	1.5	42
96	Exposure of the French population to bisphenols, phthalates, parabens, glycol ethers, brominated flame retardants, and perfluorinated compounds in 2014–2016: Results from the Esteban study. <i>Environment International</i> , 2021, 147, 106340.	4.8	42
97	Criteria to distinguish between natural situations and illegal use of boldenone, boldenone esters and boldione in cattle. <i>Steroids</i> , 2006, 71, 1078-1087.	0.8	41
98	Combining biomarker screening and mass-spectrometric analysis to detect hormone abuse in cattle. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 665-675.	5.8	41
99	Associations between internal exposure levels of persistent organic pollutants in adipose tissue and deep infiltrating endometriosis with or without concurrent ovarian endometrioma. <i>Environment International</i> , 2017, 108, 195-203.	4.8	41
100	Detection and identification of anabolic steroids in bovine urine by gas chromatography–mass spectrometry. <i>Analytica Chimica Acta</i> , 1993, 275, 123-133.	2.6	40
101	Enzymatic hydrolysis of conjugated steroid metabolites: search for optimum conditions using response surface methodology. <i>Analyst</i> , The, 2000, 125, 2255-2259.	1.7	40
102	Effect of Exposure to Soil-Bound Polycyclic Aromatic Hydrocarbons on Milk Contaminations of Parent Compounds and Their Monohydroxylated Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 263-268.	2.4	40
103	Development of a metabonomic approach based on LC-ESI-HRMS measurements for profiling of metabolic changes induced by recombinant equine growth hormone in horse urine. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 2119-2128.	1.9	40
104	Metabolomic approach based on liquid chromatography coupled to high resolution mass spectrometry to screen for the illegal use of estradiol and progesterone in cattle. <i>Analytica Chimica Acta</i> , 2011, 700, 16-25.	2.6	40
105	Metabolomics as a Potential New Approach for Investigating Human Reproductive Disorders. <i>Journal of Proteome Research</i> , 2013, 12, 2914-2920.	1.8	40
106	Micropollutants and chemical residues in organic and conventional meat. <i>Food Chemistry</i> , 2017, 232, 218-228.	4.2	40
107	Application of Stable Carbon Isotope Analysis to the Detection of Testosterone Administration to Cattle. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2850-2858.	2.4	39
108	Generation and processing of urinary and plasmatic metabolomic fingerprints to reveal an illegal administration of recombinant equine growth hormone from LC-HRMS measurements. <i>Metabolomics</i> , 2011, 7, 84-93.	1.4	39

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109	Metabolomics in food analysis: application to the control of forbidden substances. <i>Drug Testing and Analysis</i> , 2012, 4, 59-69.	1.6	39
110	LC-HRMS based metabolomics screening model to detect various β -agonists treatments in bovines. <i>Metabolomics</i> , 2015, 11, 403-411.	1.4	39
111	Milk and Urine Excretion of Polycyclic Aromatic Hydrocarbons and Their Hydroxylated Metabolites After a Single Oral Administration in Ruminants. <i>Journal of Dairy Science</i> , 2007, 90, 2624-2629.	1.4	38
112	Determination of thyreostats in urine and thyroid gland by ultra high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 8080-8089.	1.8	38
113	Characterization of nitrogen relationships between Sorghum bicolor and the root-hemiparasitic angiosperm Striga hermonthica (Del.) Benth. using $K^{15}NO_3$ as isotopic tracer. <i>Journal of Experimental Botany</i> , 2003, 54, 789-799.	2.4	37
114	Analysis of thyreostats: A history of 35 years. <i>Analytica Chimica Acta</i> , 2009, 637, 2-12.	2.6	37
115	Measurement of phthalates diesters in food using gas chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 196, 211-219.	4.2	37
116	Rapid evaporative ionisation mass spectrometry and chemometrics for high-throughput screening of growth promoters in meat producing animals. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 900-910.	1.1	37
117	Ultra high performance liquid chromatography/tandem mass spectrometry based identification of steroid esters in serum and plasma: An efficient strategy to detect natural steroids abuse in breeding and racing animals. <i>Journal of Chromatography A</i> , 2013, 1284, 126-140.	1.8	36
118	Levels of persistent organic pollutants (POPs) in foods from the first regional Sub-Saharan Africa Total Diet Study. <i>Environment International</i> , 2020, 135, 105413.	4.8	36
119	Addressing Main Challenges Regarding Short- and Medium-Chain Chlorinated Paraffin Analysis Using GC/ECNI-MS and LC/ESI-MS Methods. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1885-1895.	1.2	36
120	Characterization of exogenous testosterone in livestock by gas chromatography/combustion/isotope ratio mass spectrometry: influence of feeding and age. , 2000, 14, 652-656.		35
121	Studying variations in the PCDD/PCDF profile across various food products using multivariate statistical analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 271-279.	1.9	35
122	Structural investigation and elucidation of new communesins from a marine-derived <i>Penicillium expansum</i> Link by liquid chromatography/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3928-3938.	0.7	35
123	Dioxin-like, non-dioxin like PCB and PCDD/F contamination in European eel (<i>Anguilla anguilla</i>) from the Loire estuarine continuum: Spatial and biological variabilities. <i>Science of the Total Environment</i> , 2014, 472, 562-571.	3.9	35
124	High Throughput Identification and Quantification of Anabolic Steroid Esters by Atmospheric Solids Analysis Probe Mass Spectrometry for Efficient Screening of Drug Preparations. <i>Analytical Chemistry</i> , 2014, 86, 5649-5655.	3.2	35
125	Resistant Starch Modulates In Vivo Colonic Butyrate Uptake and Its Oxidation in Rats with Dextran Sulfate Sodium-Induced Colitis. <i>Journal of Nutrition</i> , 2004, 134, 493-500.	1.3	34
126	French infant total diet study: Dietary exposure to heat-induced compounds (acrylamide, furan and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 130, 308-316.	1.8	34

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127	Detection and identification of thyreostats in the thyroid gland by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 1997, 340, 201-208.	2.6	33
128	Development and validation of an ultra-high performance liquid chromatography tandem mass spectrometry method for quantifying thyreostats in urine without derivatisation. <i>Journal of Chromatography A</i> , 2010, 1217, 4285-4293.	1.8	33
129	Relative bioavailability to laying hens of indicator polychlorobiphenyls present in soil. <i>Chemosphere</i> , 2012, 88, 300-306.	4.2	33
130	Is the fresh water fish consumption a significant determinant of the internal exposure to perfluoroalkylated substances (PFAS)? <i>Toxicology Letters</i> , 2014, 231, 233-238.	0.4	33
131	Polychlorinated dibenzo-p-dioxins, furans, and biphenyls (PCDDs/PCDFs and PCBs) in breast milk and early childhood growth and IGF1. <i>Reproduction</i> , 2014, 147, 391-399.	1.1	33
132	Identification of Endogenous 19-Nortestosterone in Pregnant Ewes by Gas Chromatography-Mass Spectrometry. <i>Analyst</i> , 1997, 122, 471-474.	1.7	32
133	Gas chromatography/combustion/isotope ratio mass spectrometry to control the misuse of androgens in breeding animals: new derivatisation method applied to testosterone metabolites and precursors in urine samples. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2509-2514.	0.7	32
134	Ecdysteroids: one potential new anabolic family in breeding animals. <i>Analytica Chimica Acta</i> , 2002, 473, 89-97.	2.6	32
135	Application of Gas Chromatography-Mass Spectrometry/Combustion/Isotope Ratio Mass Spectrometry (GC-MS/C/IRMS) To Detect the Abuse of 17β -Estradiol in Cattle. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7242-7249.	2.4	32
136	Determination of a Large Set of β -Adrenergic Agonists in Animal Matrices Based on Ion Mobility and Mass Separations. <i>Analytical Chemistry</i> , 2015, 87, 9234-9242.	3.2	32
137	A multidimensional ^1H NMR lipidomics workflow to address chemical food safety issues. <i>Metabolomics</i> , 2018, 14, 60.	1.4	32
138	Application of Hyphenated Mass Spectrometric Techniques to the Determination of Corticosteroid Residues in Biological Matrices. <i>Chromatographia</i> , 2004, 59, S13-S22.	0.7	31
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