Bruno J Le Bizec

List of Publications by Year
in descending order

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335 papers	12,957 citations	28736 57 h-index	56606 87 g-index
342 all docs	342 docs citations	342 times ranked	13626 citing authors

#	Article	IF	Citations
1	The ion suppression phenomenon in liquid chromatographyâ€“mass spectrometry and its consequences in the field of residue analysis. Analytica Chimica Acta, 2005, 529, 129-136.	2.6	351
2	Toxicological Function of Adipose Tissue: Focus on Persistent Organic Pollutants. Environmental Health Perspectives, 2013, 121, 162-169.	2.8	269
3	Androgenic and estrogenic activity in water bodies receiving cattle feedlot effluent in Eastern Nebraska, USA.. Environmental Health Perspectives, 2004, 112, 346-352.	2.8	254
4	Recent developments in the use and abuse of growth promoters. Analytica Chimica Acta, 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. Chemosphere, 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. Environmental Health Perspectives, 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. Environment International, 2015, 84, 71-81.	4.8	167
8	Human testis steroidogenesis is inhibited by phthalates. Human Reproduction, 2012, 27, 1451-1459.	0.4	164
9	Novel analytical methods for the determination of steroid hormones in edible matrices. Analytica Chimica Acta, 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. Human Reproduction, 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. Journal of Clinical Endocrinology and Metabolism, 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. Environmental Pollution, 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. Journal of Chromatography A, 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. Environment International, 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. Analytical and Bioanalytical Chemistry, 2015, 407, 2485-2497.	1.9	121
16	Ion Mobility Spectrometry in Food Analysis: Principles, Current Applications and Future Trends. Molecules, 2019, 24, 2706.	1.7	113
17	Validation of analytical methods based on mass spectrometric detection according to the â€œ2002/657/ECâ€•European decision: guideline and application. Analytica Chimica Acta, 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. Analyst, The, 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. Chemosphere, 2012, 88, 492-500.	4.2	110
20	Simultaneous measurement of plasma concentrations and 13C-enrichment of short-chain fatty acids, lactic acid and ketone bodies by gas chromatography coupled to mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 784, 395-403.	1.2	108
21	Options for veterinary drug analysis using mass spectrometry. Journal of Chromatography A, 2009, 1216, 8016-8034.	1.8	107
22	Current applications and perspectives of ion mobility spectrometry to answer chemical food safety issues. TrAC - Trends in Analytical Chemistry, 2017, 94, 39-53.	5.8	107
23	Human dietary exposure to polycyclic aromatic hydrocarbons: Results of the second French Total Diet Study. Environment International, 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. Journal of Chromatography A, 2000, 867, 219-233.	1.8	99
25	Alternative (backdoor) androgen production and masculinization in the human fetus. PLoS Biology, 2019, 17, e3000002.	2.6	99
26	Basics of mass spectrometry based metabolomics. Proteomics, 2014, 14, 2369-2388.	1.3	95
27	Mass spectrometry-based metabolomics applied to the chemical safety of food. TrAC - Trends in Analytical Chemistry, 2011, 30, 292-301.	5.8	91
28	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E715-E724.	3.3	88
29	New data regarding phytoestrogens content in bovine milk. Food Chemistry, 2004, 87, 275-281.	4.2	86
30	Collision Cross Section (CCS) Database: An Additional Measure to Characterize Steroids. Analytical Chemistry, 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 meatâ€producing animals. Journal of Mass Spectrometry, 2007, 42, 983-998.	0.7	82
33	Exposure assessment of fetus and newborn to brominated flame retardants in France: preliminary data. Molecular Nutrition and Food Research, 2008, 52, 258-265.	1.5	81
34	Identification of ractopamine residues in tissue and urine samples at ultra-trace level using liquid chromatographyâ€“positive electrospray tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 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 chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2005, 1082, 98-109.	1.8	80
36	Germination Stimulants of Phelipanche ramosa in the Rhizosphere of Brassica napus Are Derived from the Glucosinolate Pathway. Molecular Plant-Microbe Interactions, 2012, 25, 993-1004.	1.4	79

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37	Blue sharks (Prionace glauca) as bioindicators of pollution and health in the Atlantic Ocean: Contamination levels and biochemical stress responses. Science of the Total Environment, 2016, 563-564, 282-292.	3.9	79
38	Presence and metabolism of the anabolic steroid boldenone in various animal species: a review. Food Additives and Contaminants, 2004, 21, 515-525.	2.0	78
39	Auto-deconvolution and molecular networking of gas chromatographyâ€“mass spectrometry data. Nature Biotechnology, 2021, 39, 169-173.	9.4	78
40	Multi-residue analysis for Î²-agonistic drugs in urine of meat-producing animals by gas chromatographyâ€”mass spectrometry. Analytica Chimica Acta, 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. Journal of Chromatography A, 2005, 1100, 144-152.	1.8	77
42	PrCYP707A1, an ABA catabolic gene, is a key component of Phelipanche ramosa seed germination in response to the strigolactone analogue GR24. Journal of Experimental Botany, 2012, 63, 5311-5322.	2.4	77
43	Targeted and untargeted profiling of biological fluids to screen for anabolic practices in cattle. TrAC - Trends in Analytical Chemistry, 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. Journal of Chromatography A, 2014, 1362, 241-249.	1.8	73
45	Study of 17Î²-estradiol-3-benzoate, 17Î±-methyltestosterone and medroxyprogesterone acetate fixation in bovine hair. Analytica Chimica Acta, 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. Regulatory Toxicology and Pharmacology, 2009, 54, 287-293.	1.3	72
47	Polycyclic aromatic hydrocarbons: Bees, honey and pollen as sentinels for environmental chemical contaminants. Chemosphere, 2012, 86, 98-104.	4.2	72
48	Determination of naturally occurring oestrogens and androgens in retail samples of milk and eggs. Food Additives and Contaminants, 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. Chemosphere, 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. Journal of Agricultural and Food Chemistry, 2008, 56, 3176-3184.	2.4	66
51	Ibuprofen results in alterations of human fetal testis development. Scientific Reports, 2017, 7, 44184.	1.6	65
52	Occurrence of priority and emerging organic compounds in fishes from the Rhone River (France). Analytical and Bioanalytical Chemistry, 2012, 404, 2721-2735.	1.9	63
53	In utero exposure to cigarette smoke dysregulates human fetal ovarian developmental signalling. Human Reproduction, 2014, 29, 1471-1489.	0.4	63
54	Identification of phytoestrogens in bovine milk using liquid chromatography/electrospray tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 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). Chemosphere, 2011, 83, 1345-1352.	4.2	62
56	Multi-residue extractionâ€“purification procedure for corticosteroids in biological samples for efficient control of their misuse in livestock production. Biomedical Applications, 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. Analytica Chimica Acta, 2011, 700, 144-154.	2.6	59
58	Ligerin, an Antiproliferative Chlorinated Sesquiterpenoid from a Marine-Derived Penicillium Strain. Journal of Natural Products, 2013, 76, 297-301.	1.5	59
59	Occurrence of POPs and other persistent organic contaminants in the European eel (Anguilla) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.9	58
60	Associations between persistent organic pollutants and risk of breast cancer metastasis. Environment International, 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. Environment International, 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. Rapid Communications in Mass Spectrometry, 2000, 14, 1058-1065.	0.7	56
63	Analytical strategies for the direct mass spectrometric analysis of steroid and corticosteroid phase II metabolites. Steroids, 2005, 70, 205-216.	0.8	56
64	Interlaboratory and Interplatform Study of Steroids Collision Cross Section by Traveling Wave Ion Mobility Spectrometry. Analytical Chemistry, 2020, 92, 5013-5022.	3.2	56
65	Preliminary assays to elucidate the structure of oxytetracyclineâ€™s degradation products in sediments. Biomedical Applications, 2000, 748, 369-381.	1.7	54
66	Application of stable carbon isotope analysis to the detection of 17Î²-estradiol administration to cattle. Journal of Chromatography A, 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. Analytica Chimica Acta, 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. Analytical Chemistry, 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. Chemosphere, 2013, 91, 802-808.	4.2	51
70	Endogenous nandrolone metabolites in human urine: preliminary results to discriminate between endogenous and exogenous origin. Steroids, 2002, 67, 105-110.	0.8	50
71	Study of natural and artificial corticosteroid phase II metabolites in bovine urine using HPLCâ€“MS/MS. Steroids, 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. Journal of Chromatography A, 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. Analytica Chimica Acta, 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. Food Additives and Contaminants, 2006, 23, 974-980.	2.0	49
75	Patulin and secondary metabolite production by marine-derived Penicillium strains. Fungal Biology, 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. Food and Chemical Toxicology, 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. Analytical and Bioanalytical Chemistry, 2015, 407, 4473-4484.	1.9	49
78	Determination of PAH profiles by GCâ€“MS/MS in salmon processed by four cold-smoking techniques. Food Additives and Contaminants, 2007, 24, 744-757.	2.0	48
79	Monitoring Anabolic Steroids in Meat-Producing Animals. Review of Current Hyphenated Mass Spectrometric Techniques. Chromatographia, 2004, 59, S3-S11.	0.7	47
80	Exposure assessment of prepubertal children to steroid endocrine disrupters. Analytica Chimica Acta, 2007, 586, 105-114.	2.6	47
81	Global gene expression profiles induced by phytoestrogens in human breast cancer cells. Endocrine-Related Cancer, 2008, 15, 161-173.	1.6	47
82	Impact of storage conditions on the urinary metabolomics fingerprint. Analytica Chimica Acta, 2017, 951, 99-107.	2.6	47
83	An Investigation of the Endocrine-Disruptive Effects of Bisphenol A in Human and Rat Fetal Testes. PLoS ONE, 2015, 10, e0117226.	1.1	47
84	Transfer assessment of fipronil residues from feed to cow milk. Talanta, 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. Environment International, 2016, 97, 125-136.	4.8	46
86	Versatile lipid profiling by liquid chromatographyâ€“high resolution mass spectrometry using all ion fragmentation and polarity switching. Preliminary application for serum samples phenotyping related to canine mammary cancer. Analytica Chimica Acta, 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 spectrometryâ€. Analyst, The, 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. Journal of Analytical Toxicology, 2005, 29, 175-181.	1.7	44
89	Organoleptic characterization and PAH content of salmon (Salmo salar) fillets smoked according to four industrial smoking techniques. Journal of the Science of Food and Agriculture, 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 chromatographyâ€“tandem mass spectrometry. Analytica Chimica Acta, 2007, 586, 93-104.	2.6	44

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91	Development of an analytical strategy based on liquid chromatographyâ€“high resolution mass spectrometry for measuring perfluorinated compounds in human breast milk: Application to the generation of preliminary data regarding perinatal exposure in France. Chemosphere, 2011, 85, 473-480.	4.2	43
92	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. Analytica Chimica Acta, 2018, 1043, 52-63.	2.6	43
93	A new reliable sample preparation for high throughput focused steroid profiling by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2010, 1217, 6652-6660.	1.8	42
94	First mass spectrometry metabolic fingerprinting of bacterial metabolism in a model cheese. Food Chemistry, 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. Toxins, 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 2014â€“2016: Results from the Esteban study. Environment International, 2021, 147, 106340.	4.8	42
97	Criteria to distinguish between natural situations and illegal use of boldenone, boldenone esters and boldione in cattle. Steroids, 2006, 71, 1078-1087.	0.8	41
98	Combining biomarker screening and mass-spectrometric analysis to detect hormone abuse in cattle. TrAC - Trends in Analytical Chemistry, 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. Environment International, 2017, 108, 195-203.	4.8	41
100	Detection and identification of anabolic steroids in bovine urine by gas chromatographyâ€”mass spectrometry. Analytica Chimica Acta, 1993, 275, 123-133.	2.6	40
101	Enzymatic hydrolysis of conjugated steroid metabolites: search for optimum conditions using response surface methodology. Analyst, 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. Journal of Agricultural and Food Chemistry, 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. Analytical and Bioanalytical Chemistry, 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. Analytica Chimica Acta, 2011, 700, 16-25.	2.6	40
105	Metabolomics as a Potential New Approach for Investigating Human Reproductive Disorders. Journal of Proteome Research, 2013, 12, 2914-2920.	1.8	40
106	Micropollutants and chemical residues in organic and conventional meat. Food Chemistry, 2017, 232, 218-228.	4.2	40
107	Application of Stable Carbon Isotope Analysis to the Detection of Testosterone Administration to Cattle. Journal of Agricultural and Food Chemistry, 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. Metabolomics, 2011, 7, 84-93.	1.4	39

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109	Metabolomics in food analysis: application to the control of forbidden substances. Drug Testing and Analysis, 2012, 4, 59-69.	1.6	39
110	LC-HRMS based metabolomics screening model to detect various Î²-agonists treatments in bovines. Metabolomics, 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. Journal of Dairy Science, 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. Journal of Chromatography A, 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 K15NO3 as isotopic tracer. Journal of Experimental Botany, 2003, 54, 789-799.	2.4	37
114	Analysis of thyreostats: A history of 35 years. Analytica Chimica Acta, 2009, 637, 2-12.	2.6	37
115	Measurement of phthalates diesters in food using gas chromatographyâ€“tandem mass spectrometry. Food Chemistry, 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. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 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. Journal of Chromatography A, 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. Environment International, 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. Journal of the American Society for Mass Spectrometry, 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. Analytical and Bioanalytical Chemistry, 2006, 384, 271-279.	1.9	35
122	Structural investigation and elucidation of new communesins from a marineâ€derived Penicillium expansum Link by liquid chromatography/electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 3928-3938.	0.7	35
123	Dioxin-like, non-dioxin like PCB and PCDD/F contamination in European eel (Anguilla anguilla) from the Loire estuarine continuum: Spatial and biological variabilities. Science of the Total Environment, 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. Analytical Chemistry, 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. Journal of Nutrition, 2004, 134, 493-500.	1.3	34
126	French infant total diet study: Dietary exposure to heat-induced compounds (acrylamide, furan and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 130, 308-316.	1.8	34

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127	Detection and identification of thyreostats in the thyroid gland by gas chromatography-mass spectrometry. Analytica Chimica Acta, 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. Journal of Chromatography A, 2010, 1217, 4285-4293.	1.8	33
129	Relative bioavailability to laying hens of indicator polychlorobiphenyls present in soil. Chemosphere, 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)?. Toxicology Letters, 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. Reproduction, 2014, 147, 391-399.	1.1	33
132	Identification of Endogenous 19-Nortestosterone in Pregnant Ewes by Gas Chromatographyâ€“Mass Spectrometry. Analyst, The, 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. Rapid Communications in Mass Spectrometry, 2001, 15, 2509-2514.	0.7	32
134	Ecdysteroids: one potential new anabolic family in breeding animals. Analytica Chimica Acta, 2002, 473, 89-97.	2.6	32
135	Application of Gas Chromatographyâ€“Mass Spectrometry/Combustion/Isotope Ratio Mass Spectrometry (GC-MS/C/IRMS) To Detect the Abuse of 17Î²-Estradiol in Cattle. Journal of Agricultural and Food Chemistry, 2013, 61, 7242-7249.	2.4	32
136	Determination of a Large Set of Î²-Adrenergic Agonists in Animal Matrices Based on Ion Mobility and Mass Separations. Analytical Chemistry, 2015, 87, 9234-9242.	3.2	32
137	A multidimensional 1H NMR lipidomics workflow to address chemical food safety issues. Metabolomics, 2018, 14, 60.	1.4	32
138	Application of Hyphenated Mass Spectrometric Techniques to the Determination of Corticosteroid Residues in Biological Matrices. Chromatographia, 2004, 59, S13-S22.	0.7	31
139	LCâ€“ESI-MS/MS determination of phenylurea and triazine herbicides and their dealkylated degradation products in oysters. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 838, 96-106.	1.2	31
140	Identification and quantification of 5Î±-dihydrotestosterone in the teleost fathead minnow (Pimephales) Tj ETQq0 0 0 rgBT /Overlock 10 Endocrinology, 2013, 191, 202-209.	0.8	31
141	Comparison of Analytical Strategies for the Chromatographic and Mass Spectrometric Measurement of Brominated Flame Retardants: 1. Polybrominated Diphenylethers. Journal of Chromatographic Science, 2006, 44, 489-497.	0.7	30
142	Identification of Recombinant Equine Growth Hormone in Horse Plasma by LCâ^'MS/MS: A Confirmatory Analysis in Doping Control. Analytical Chemistry, 2008, 80, 8340-8347.	3.2	30
143	Detection of secondary biomarker of met-eGH as a strategy to screen for somatotropin misuse in horseracing. Analyst, The, 2008, 133, 270-276.	1.7	30
144	Chlorination of bisphenol A: Non-targeted screening for the identification of transformation products and assessment of estrogenicity in generated water. Chemosphere, 2013, 93, 2814-2822.	4.2	30

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145	Evaluation of specific gravity as normalization strategy for cattle urinary metabolome analysis. Metabolomics, 2014, 10, 627-637.	1.4	30
146	Direct analysis in real time â€•high resolution mass spectrometry (DARTâ€HRMS): a high throughput strategy for identification and quantification of anabolic steroid esters. Drug Testing and Analysis, 2015, 7, 603-608.	1.6	30
147	Potential of mass spectrometry metabolomics for chemical food safety. Bioanalysis, 2015, 7, 133-146.	0.6	30
148	Polycyclic aromatic hydrocarbons in foods from the first regional total diet study in Sub-Saharan Africa: contamination profile and occurrence data. Food Control, 2019, 103, 133-144.	2.8	30
149	Consequence of boar edible tissue consumption on urinary profiles of nandrolone metabolites. II. Identification and quantification of 19-norsteroids responsible for 19-norandrosterone and 19-noretiocholanolone excretion in human urine. Rapid Communications in Mass Spectrometry, 2001, 15, 1442-1447.	0.7	29
150	Determination of hormonal growth promoters in bovine hair: Comparison of liquid chromatographyâ€“mass spectrometry and gas chromatographyâ€“mass spectrometry methods for estradiol benzoate and nortestosterone decanoate. Analytica Chimica Acta, 2009, 637, 165-172.	2.6	29
151	LCâ€“HRMS fingerprinting as an efficient approach to highlight fine differences in cheese metabolome during ripening. Metabolomics, 2015, 11, 1117-1130.	1.4	29
152	Endogenous occurrence of some anabolic steroids in swine matrices. Food Additives and Contaminants, 2005, 22, 808-815.	2.0	28
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154	Criteria to distinguish between natural situations and illegal use of boldenone, boldenone esters and boldione in cattle. Steroids, 2009, 74, 803-808.	0.8	28
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