

Jean-Philippe Antignac

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

6,538
citations

50276

46
h-index

79698

73
g-index

140
all docs

140
docs citations

140
times ranked

7559
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.	5.4	351
2	Toxicological Function of Adipose Tissue: Focus on Persistent Organic Pollutants. <i>Environmental Health Perspectives</i> , 2013, 121, 162-169.	6.0	269
3	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.	8.2	201
4	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.	6.0	170
5	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.	10.0	167
6	Human biomonitoring as a tool to support chemicals regulation in the European Union. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 94-97.	4.3	160
7	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.	0.9	158
8	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.	3.6	152
9	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.	7.5	149
10	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.	10.0	133
11	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.	5.4	111
12	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.	3.5	110
13	Options for veterinary drug analysis using mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 8016-8034.	3.7	107
14	Alternative (backdoor) androgen production and masculinization in the human fetus. <i>PLoS Biology</i> , 2019, 17, e3000002.	5.6	99
15	Basics of mass spectrometry based metabolomics. <i>Proteomics</i> , 2014, 14, 2369-2388.	2.2	95
16	Environmental chemicals, breast cancer progression and drug resistance. <i>Environmental Health</i> , 2020, 19, 117.	4.0	91
17	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.	7.1	88
18	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

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19	Regulatory identification of BPA as an endocrine disruptor: Context and methodology. <i>Molecular and Cellular Endocrinology</i> , 2018, 475, 4-9.	3.2	83
20	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. <i>Environment International</i> , 2021, 146, 106082.	10.0	83
21	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.	3.3	81
22	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.	2.3	80
23	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.	3.7	80
24	Country-specific chemical signatures of persistent organic pollutants (POPs) in breast milk of French, Danish and Finnish women. <i>Environmental Pollution</i> , 2016, 218, 728-738.	7.5	79
25	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.	3.7	77
26	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.	3.7	73
27	The European human biomonitoring platform - Design and implementation of a laboratory quality assurance/quality control (QA/QC) programme for selected priority chemicals. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 234, 113740.	4.3	71
28	Liquid chromatographic–mass spectrometric analysis of 11 glucocorticoid residues and an optimization of enzymatic hydrolysis conditions in bovine liver. <i>Analytica Chimica Acta</i> , 2002, 473, 127-134.	5.4	66
29	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.	5.2	66
30	Parallel assessment of the effects of bisphenol A and several of its analogs on the adult human testis. <i>Human Reproduction</i> , 2017, 32, 1465-1473.	0.9	66
31	Ibuprofen results in alterations of human fetal testis development. <i>Scientific Reports</i> , 2017, 7, 44184.	3.3	65
32	Offspring Metabolomic Response to Maternal Protein Restriction in a Rat Model of Intrauterine Growth Restriction (IUGR). <i>Journal of Proteome Research</i> , 2011, 10, 3292-3302.	3.7	63
33	In utero exposure to cigarette smoke dysregulates human fetal ovarian developmental signalling. <i>Human Reproduction</i> , 2014, 29, 1471-1489.	0.9	63
34	Identification of phytoestrogens in bovine milk using liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1256-1264.	1.5	62
35	Multi-residue extraction–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
36	Perfluorinated alkylated substances serum concentration and breast cancer risk: Evidence from a nested case–control study in the French E3N cohort. <i>International Journal of Cancer</i> , 2020, 146, 917-928.	5.1	60

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37	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.	5.4	59
38	Associations between persistent organic pollutants and risk of breast cancer metastasis. <i>Environment International</i> , 2019, 132, 105028.	10.0	58
39	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.	10.0	58
40	Analytical strategies for the direct mass spectrometric analysis of steroid and corticosteroid phase II metabolites. <i>Steroids</i> , 2005, 70, 205-216.	1.8	56
41	A European proposal for quality control and quality assurance of tandem mass spectral libraries. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	53
42	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.	6.5	52
43	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.	8.2	51
44	Study of natural and artificial corticosteroid phase II metabolites in bovine urine using HPLC-MS/MS. <i>Steroids</i> , 2002, 67, 873-882.	1.8	50
45	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.	5.4	50
46	Breast Milk Lipidome Is Associated with Early Growth Trajectory in Preterm Infants. <i>Nutrients</i> , 2018, 10, 164.	4.1	49
47	Maternal and Cord Blood LC-HRMS Metabolomics Reveal Alterations in Energy and Polyamine Metabolism, and Oxidative Stress in Very-low Birth Weight Infants. <i>Journal of Proteome Research</i> , 2013, 12, 2764-2778.	3.7	48
48	Exposure assessment of prepubertal children to steroid endocrine disrupters. <i>Analytica Chimica Acta</i> , 2007, 586, 105-114.	5.4	47
49	Global gene expression profiles induced by phytoestrogens in human breast cancer cells. <i>Endocrine-Related Cancer</i> , 2008, 15, 161-173.	3.1	47
50	An Investigation of the Endocrine-Disruptive Effects of Bisphenol A in Human and Rat Fetal Testes. <i>PLoS ONE</i> , 2015, 10, e0117226.	2.5	47
51	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.	10.0	46
52	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.	8.2	43
53	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.	3.7	42
54	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.	10.0	41

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55	Towards harmonised criteria in quality assurance and quality control of suspect and non-target LC-HRMS analytical workflows for screening of emerging contaminants in human biomonitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 136, 116201.	11.4	41
56	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.	3.7	40
57	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.	5.4	40
58	Metabolomics as a Potential New Approach for Investigating Human Reproductive Disorders. <i>Journal of Proteome Research</i> , 2013, 12, 2914-2920.	3.7	40
59	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.	3.0	39
60	Metabolomics in food analysis: application to the control of forbidden substances. <i>Drug Testing and Analysis</i> , 2012, 4, 59-69.	2.6	39
61	Towards a comprehensive characterisation of the human internal chemical exposome: Challenges and perspectives. <i>Environment International</i> , 2021, 156, 106630.	10.0	39
62	Perinatal protein restriction affects milk free amino acid and fatty acid profile in lactating rats: potential role on pup growth and metabolic status. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 784-795.	4.2	38
63	Time window-dependent effect of perinatal maternal protein restriction on insulin sensitivity and energy substrate oxidation in adult male offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R184-R197.	1.8	37
64	Measurement of phthalates diesters in food using gas chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 196, 211-219.	8.2	37
65	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.	3.7	35
66	Human biomonitoring initiative (HBM4EU): Human biomonitoring guidance values (HBM-GVs) derived for bisphenol A. <i>Environment International</i> , 2021, 154, 106563.	10.0	35
67	Effects of environmental Bisphenol A exposures on germ cell development and Leydig cell function in the human fetal testis. <i>PLoS ONE</i> , 2018, 13, e0191934.	2.5	35
68	Public Health Risk-benefit Assessment Associated with Food Consumption – A Review. <i>European Journal of Nutrition & Food Safety</i> , 2015, 5, 32-58.	0.2	34
69	Identification and quantification of 5 α -dihydrotestosterone in the teleost fathead minnow (<i>Pimephales</i>) Tj ETQq1 1 0.784314 rgBT /Ove <i>Endocrinology</i> , 2013, 191, 202-209.	1.8	31
70	Comparison of Analytical Strategies for the Chromatographic and Mass Spectrometric Measurement of Brominated Flame Retardants: 1. Polybrominated Diphenylethers. <i>Journal of Chromatographic Science</i> , 2006, 44, 489-497.	1.4	30
71	Chlorination of bisphenol A: Non-targeted screening for the identification of transformation products and assessment of estrogenicity in generated water. <i>Chemosphere</i> , 2013, 93, 2814-2822.	8.2	30
72	Receptor-based in vitro activities to assess human exposure to chemical mixtures and related health impacts. <i>Environment International</i> , 2021, 146, 106191.	10.0	30

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73	An annotation database for chemicals of emerging concern in exposome research. <i>Environment International</i> , 2021, 152, 106511.	10.0	29
74	Criteria to distinguish between natural situations and illegal use of boldenone, boldenone esters and boldione in cattle. <i>Steroids</i> , 2009, 74, 803-808.	1.8	28
75	Screening of 4-androstenedione misuse in cattle by LC-MS/MS profiling of glucuronide and sulfate steroids in urine. <i>Talanta</i> , 2011, 86, 186-194.	5.5	28
76	Steroid hormone profiling in human breast adipose tissue using semi-automated purification and highly sensitive determination of estrogens by GC-APCI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 259-275.	3.7	28
77	Targeted phase II metabolites profiling as new screening strategy to investigate natural steroid abuse in animal breeding. <i>Analytica Chimica Acta</i> , 2011, 700, 105-113.	5.4	27
78	Implementation of a semi-automated strategy for the annotation of metabolomic fingerprints generated by liquid chromatography-high resolution mass spectrometry from biological samples. <i>Analyst</i> , 2012, 137, 4958.	3.5	27
79	Dietary exposure to perfluoroalkyl acids of specific French adult sub-populations: High seafood consumers, high freshwater fish consumers and pregnant women. <i>Science of the Total Environment</i> , 2014, 491-492, 170-175.	8.0	27
80	Associations between persistent organic pollutants and endometriosis: A multiblock approach integrating metabolic and cytokine profiling. <i>Environment International</i> , 2022, 158, 106926.	10.0	27
81	Ultra-trace quantification method for chlordecone in human fluids and tissues. <i>Journal of Chromatography A</i> , 2015, 1408, 169-177.	3.7	26
82	Gas chromatography coupled to mass spectrometry-based metabolomic to screen for anabolic practices in cattle: identification of 5 α -androstane-2 α -en-17 α -one as new biomarker of 4 α -androstenedione misuse. <i>Journal of Mass Spectrometry</i> , 2012, 47, 131-140.		25
83	How metabolomics can contribute to bio-processes: a proof of concept study for biomarkers discovery in the context of nitrogen-starved microalgae grown in photobioreactors. <i>Metabolomics</i> , 2013, 9, 1286-1300.	3.0	25
84	Non-targeted screening methodology to characterise human internal chemical exposure: Application to halogenated compounds in human milk. <i>Talanta</i> , 2021, 225, 121979.	5.5	25
85	Determination of MRL regulated corticosteroids in liver from various species using ultra high performance liquid chromatography-tandem mass spectrometry (UHPLC). <i>Analytica Chimica Acta</i> , 2011, 700, 137-143.	5.4	24
86	Human anogenital distance: an update on fetal smoke-exposure and integration of the perinatal literature on sex differences. <i>Human Reproduction</i> , 2016, 31, 463-472.	0.9	24
87	Assessment of perfluoroalkyl substances in placenta by coupling salt assisted liquid-liquid extraction with dispersive liquid-liquid microextraction prior to liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2021, 221, 121577.	5.5	24
88	Differentiation of betamethasone and dexamethasone using liquid chromatography/positive electrospray tandem mass spectrometry and multivariate statistical analysis. <i>Journal of Mass Spectrometry</i> , 2002, 37, 69-75.	1.6	23
89	Fast and multiresidue determination of twenty glucocorticoids in bovine milk using ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1294, 76-86.	3.7	22
90	Public health risks and benefits associated with breast milk and infant formula consumption. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 126-145.	10.3	22

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91	Modification of 17 β -estradiol metabolite profile in steer edible tissues after estradiol implant administration. <i>Analytica Chimica Acta</i> , 2003, 483, 289-297.	5.4	20
92	Multi-functional sample preparation procedure for measuring phytoestrogens in milk, cereals, and baby-food by liquid-chromatography tandem mass spectrometry with subsequent determination of their estrogenic activity using transcriptomic assay. <i>Analytica Chimica Acta</i> , 2009, 637, 55-63.	5.4	20
93	Effect of pre- and postnatal growth and post-weaning activity on glucose metabolism in the offspring. <i>Journal of Endocrinology</i> , 2015, 224, 171-182.	2.6	20
94	Interlaboratory comparison investigations (ICI) and external quality assurance schemes (EQUAS) for cadmium in urine and blood: Results from the HBM4EU project. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 234, 113711.	4.3	20
95	Toward a criterion for suspect thiouracil administration in animal husbandry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 840-847.	2.3	19
96	Development of a liquid chromatography/atmospheric pressure photoionization high-resolution mass spectrometry analytical method for the simultaneous determination of polybrominated diphenyl ethers and their metabolites: application to BDE47 metabolism in human hepatocytes. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 599-610.	1.5	18
97	Phthalates Exert Multiple Effects on Leydig Cell Steroidogenesis. <i>Hormone Research in Paediatrics</i> , 2016, 86, 253-263.	1.8	18
98	Release and toxicity of adipose tissue-stored TCDD: Direct evidence from a xenografted fat model. <i>Environment International</i> , 2018, 121, 1113-1120.	10.0	18
99	Merging the exposome into an integrated framework for "omics" sciences. <i>IScience</i> , 2022, 25, 103976.	4.1	18
100	Development and Application of a Probabilistic Risk-Benefit Assessment Model for Infant Feeding Integrating Microbiological, Nutritional, and Chemical Components. <i>Risk Analysis</i> , 2017, 37, 2360-2388.	2.7	17
101	Associations between exposure to organochlorine chemicals and endometriosis in experimental studies: A systematic review protocol. <i>Environment International</i> , 2019, 124, 400-407.	10.0	17
102	Associations between persistent organic pollutants and endometriosis: A multipollutant assessment using machine learning algorithms. <i>Environmental Pollution</i> , 2020, 260, 114066.	7.5	16
103	Elimination kinetics of dexamethasone in bovine urine, hair and feces following single administration of dexamethasone acetate and phosphate esters. <i>Steroids</i> , 2011, 76, 111-117.	1.8	15
104	Androgenic potential of human fetal adrenals at the end of the first trimester. <i>Endocrine Connections</i> , 2017, 6, 348-359.	1.9	15
105	Ontogenesis of human fetal testicular steroidogenesis at early gestational age. <i>Steroids</i> , 2019, 141, 96-103.	1.8	15
106	Simultaneous exploration of nutrients and pollutants in human milk and their impact on preterm infant growth: An integrative cross-platform approach. <i>Environmental Research</i> , 2020, 182, 109018.	7.5	15
107	Associations between human internal chemical exposure to Persistent Organic Pollutants (POPs) and In Vitro Fertilization (IVF) outcomes: Systematic review and evidence map of human epidemiological evidence. <i>Reproductive Toxicology</i> , 2021, 105, 184-197.	2.9	15
108	Predicting PCDD/F and dioxin-like PCB contamination levels in bovine edible tissues from in vivo sampling. <i>Chemosphere</i> , 2010, 80, 634-640.	8.2	14

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109	Plasma concentration of brominated flame retardants and postmenopausal breast cancer risk: a nested case-control study in the French E3N cohort. <i>Environmental Health</i> , 2020, 19, 54.	4.0	14
110	Differential global profiling as a new analytical strategy for revealing micropollutant treatment by-products: Application to ethinylestradiol and chlorination water treatment. <i>Chemosphere</i> , 2011, 83, 1553-1559.	8.2	13
111	Differential chemical profiling to identify ozonation by-products of estrone-sulfate and first characterization of its estrogenicity in generated drinking water. <i>Water Research</i> , 2013, 47, 3791-3802.	11.3	13
112	Interlaboratory comparison investigations (ICIs) and external quality assurance schemes (EQUASs) for flame retardant analysis in biological matrices: Results from the HBM4EU project. <i>Environmental Research</i> , 2021, 202, 111705.	7.5	13
113	Proficiency and Interlaboratory Variability in the Determination of Phthalate and DINCH Biomarkers in Human Urine: Results from the HBM4EU Project. <i>Toxics</i> , 2022, 10, 57.	3.7	13
114	Identification of new tetrahydroxylated metabolites of Polycyclic Aromatic Hydrocarbons in hair as biomarkers of exposure and signature of DNA adduct levels. <i>Analytica Chimica Acta</i> , 2017, 995, 65-76.	5.4	12
115	The challenging use and interpretation of circulating biomarkers of exposure to persistent organic pollutants in environmental health: Comparison of lipid adjustment approaches in a case study related to endometriosis. <i>Chemosphere</i> , 2018, 200, 388-396.	8.2	12
116	The GMO90+ Project: Absence of Evidence for Biologically Meaningful Effects of Genetically Modified Maize-based Diets on Wistar Rats After 6-Months Feeding Comparative Trial. <i>Toxicological Sciences</i> , 2019, 168, 315-338.	3.1	12
117	Sustained bloodstream release of persistent organic pollutants induced by extensive weight loss after bariatric surgery: Implications for women of childbearing age. <i>Environment International</i> , 2021, 151, 106400.	10.0	12
118	BPA and risk assessment. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 269-270.	11.4	11
119	Associations between Exposure to Organochlorine Chemicals and Endometriosis: A Systematic Review of Experimental Studies and Integration of Epidemiological Evidence. <i>Environmental Health Perspectives</i> , 2021, 129, 76003.	6.0	11
120	Statistical strategies for relating metabolomics and proteomics data: a real case study in nutrition research area. <i>Metabolomics</i> , 2012, 8, 1090-1101.	3.0	10
121	European interlaboratory comparison investigations (ICI) and external quality assurance schemes (EQUAS) for the analysis of bisphenol A, S and F in human urine: Results from the HBM4EU project. <i>Environmental Research</i> , 2022, 210, 112933.	7.5	10
122	Human Biomonitoring Guidance Values (HBM-GVs) for Bisphenol S and Assessment of the Risk Due to the Exposure to Bisphenols A and S, in Europe. <i>Toxics</i> , 2022, 10, 228.	3.7	10
123	Resveratrol inhibits steroidogenesis in human fetal adrenocortical cells at the end of first trimester. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600522.	3.3	8
124	Application of two statistical approaches (Bayesian Kernel Machine Regression and Principal Component Analysis) to the analysis of brominated flame retardants and per- and polyfluorinated alkylated substances in the E3N cohort. <i>Environmental Health</i> , 2022, 21, 27.	4.0	8
125	Maternal protein restriction during lactation induces early and lasting plasma metabolomic and hepatic lipidomic signatures of the offspring in a rodent programming model. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 124-141.	4.2	7
126	Interlaboratory Comparison Investigations (ICIs) for human biomonitoring of chromium as part of the quality assurance programme under HBM4EU. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 70, 126912.	3.0	7

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127	Harmonized Quality Assurance/Quality Control Provisions for Nontargeted Measurement of Urinary Pesticide Biomarkers in the HBM4EU Multisite SPECIMEn Study. <i>Analytical Chemistry</i> , 2022, 94, 7833-7843.	6.5	7
128	The challenging use and interpretation of blood biomarkers of exposure related to lipophilic endocrine disrupting chemicals in environmental health studies. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110606.	3.2	6
129	Adipose Tissue Properties in Tumor-Bearing Breasts. <i>Frontiers in Oncology</i> , 2020, 10, 1506.	2.8	6
130	Determination of toxaphene specific congeners in fish liver oil and feedingstuff using gas chromatography coupled to high resolution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 865, 121-126.	2.3	5
131	Multidimensional statistical analysis applied to electron ionization mass spectra to determine steroid stereochemistry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 509-518.	1.5	4
132	Influence of the solvent quality on the AhR mediated Procept [®] assay measurement of dioxin and dioxin-like compounds. <i>Talanta</i> , 2010, 80, 2063-2067.	5.5	3
133	The human genital tubercle is steroidogenic organ at early pregnancy. <i>Molecular and Cellular Endocrinology</i> , 2018, 477, 148-155.	3.2	3
134	In vivo comparison of the proangiogenic properties of chlordecone and three of its dechlorinated derivatives formed by in situ chemical reduction. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40953-40962.	5.3	3
135	Associations between plasma levels of brominated flame retardants and methylation of DNA from peripheral blood: A cross-sectional study in a cohort of French women. <i>Environmental Research</i> , 2022, 210, 112788.	7.5	3
136	Chapter 11 Analytical Strategies to Control the Illegal Use of Banned Growth Promoters in Meat Producing Animals. <i>Comprehensive Analytical Chemistry</i> , 2008, 51, 339-361.	1.3	2
137	Development of a <i>Cryptosporidium</i> -arsenic multi-risk assessment model for infant formula prepared with tap water in France. <i>Food Research International</i> , 2018, 108, 558-570.	6.2	2
138	Steroidogenic potential of human fetal kidney at early gestational age. <i>Steroids</i> , 2019, 149, 108417.	1.8	1
139	Use of Mixture Dosing and Nonlinear Mixed Effect Modeling of Eight Environmental Contaminants in Rabbits to Improve Extrapolation Value of Toxicokinetic Data. <i>Environmental Health Perspectives</i> , 2021, 129, 117006.	6.0	1