

Adrian Covaci

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7433045/publications.pdf>

Version: 2024-02-01

703
papers

43,776
citations

2091

103
h-index

6024

165
g-index

720
all docs

720
docs citations

720
times ranked

24261
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel brominated flame retardants: A review of their analysis, environmental fate and behaviour. <i>Environment International</i> , 2011, 37, 532-556.	4.8	1,188
2	A review of dietary and non-dietary exposure to bisphenol-A. <i>Food and Chemical Toxicology</i> , 2012, 50, 3725-3740.	1.8	747
3	Levels and trends of brominated flame retardants in the European environment. <i>Chemosphere</i> , 2006, 64, 187-208.	4.2	720
4	Hexabromocyclododecanes (HBCDs) in the Environment and Humans: A Review. <i>Environmental Science & Technology</i> , 2006, 40, 3679-3688.	4.6	691
5	After the PBDE Phase-Out: A Broad Suite of Flame Retardants in Repeat House Dust Samples from California. <i>Environmental Science & Technology</i> , 2012, 46, 13056-13066.	4.6	482
6	Comparing illicit drug use in 19 European cities through sewage analysis. <i>Science of the Total Environment</i> , 2012, 432, 432-439.	3.9	416
7	Determination of brominated flame retardants, with emphasis on polybrominated diphenyl ethers (PBDEs) in environmental and human samples—a review. <i>Environment International</i> , 2003, 29, 735-756.	4.8	382
8	Analytical developments and preliminary assessment of human exposure to organophosphate flame retardants from indoor dust. <i>Environment International</i> , 2011, 37, 454-461.	4.8	382
9	A novel abbreviation standard for organobromine, organochlorine and organophosphorus flame retardants and some characteristics of the chemicals. <i>Environment International</i> , 2012, 49, 57-82.	4.8	369
10	Analytical and environmental aspects of the flame retardant tetrabromobisphenol-A and its derivatives. <i>Journal of Chromatography A</i> , 2009, 1216, 346-363.	1.8	346
11	Levels and trends of PBDEs and HBCDs in the global environment: Status at the end of 2012. <i>Environment International</i> , 2014, 65, 147-158.	4.8	346
12	Illicit drug consumption estimations derived from wastewater analysis: A critical review. <i>Science of the Total Environment</i> , 2011, 409, 3564-3577.	3.9	335
13	Evaluation of Uncertainties Associated with the Determination of Community Drug Use through the Measurement of Sewage Drug Biomarkers. <i>Environmental Science & Technology</i> , 2013, 47, 1452-1460.	4.6	320
14	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. <i>Addiction</i> , 2014, 109, 1338-1352.	1.7	319
15	Occurrence of a Broad Range of Legacy and Emerging Flame Retardants in Indoor Environments in Norway. <i>Environmental Science & Technology</i> , 2014, 48, 6827-6835.	4.6	309
16	Polybrominated diphenyl ethers in domestic indoor dust from Canada, New Zealand, United Kingdom and United States. <i>Environment International</i> , 2008, 34, 232-238.	4.8	300
17	Occurrence of alternative flame retardants in indoor dust from New Zealand: Indoor sources and human exposure assessment. <i>Chemosphere</i> , 2012, 88, 1276-1282.	4.2	293
18	Hexabromocyclododecane in Marine Species from the Western Scheldt Estuary: Diastereoisomer- and Enantiomer-Specific Accumulation. <i>Environmental Science & Technology</i> , 2005, 39, 1987-1994.	4.6	283

#	ARTICLE	IF	CITATIONS
19	Hexabromocyclododecanes and Tetrabromobisphenol-A in Indoor Air and Dust in Birmingham, UK: Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2008, 42, 6855-6861.	4.6	281
20	Hexabromocyclododecane: Current Understanding of Chemistry, Environmental Fate and Toxicology and Implications for Global Management. <i>Environmental Science & Technology</i> , 2011, 45, 8613-8623.	4.6	277
21	First insights in the metabolism of phosphate flame retardants and plasticizers using human liver fractions. <i>Toxicology Letters</i> , 2013, 223, 9-15.	0.4	273
22	Indoor Contamination with Hexabromocyclododecanes, Polybrominated Diphenyl Ethers, and Perfluoroalkyl Compounds: An Important Exposure Pathway for People?. <i>Environmental Science & Technology</i> , 2010, 44, 3221-3231.	4.6	266
23	Comparative Study on Total Lipid Determination using Soxhlet, Roese-Gottlieb, Bligh & Dyer, and Modified Bligh & Dyer Extraction Methods. <i>Journal of Food Composition and Analysis</i> , 2001, 14, 93-100.	1.9	263
24	Are potential sources for human exposure to bisphenol-A overlooked?. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 339-347.	2.1	262
25	Concentrations of brominated flame retardants in dust from United Kingdom cars, homes, and offices: Causes of variability and implications for human exposure. <i>Environment International</i> , 2008, 34, 1170-1175.	4.8	257
26	Investigation of Selected Persistent Organic Pollutants in Farmed Atlantic Salmon (<i>Salmo salar</i>), Salmon Aquaculture Feed, and Fish Oil Components of the Feed. <i>Environmental Science & Technology</i> , 2002, 36, 2797-2805.	4.6	252
27	Recent developments in the analysis of brominated flame retardants and brominated natural compounds. <i>Journal of Chromatography A</i> , 2007, 1153, 145-171.	1.8	246
28	Distribution of bisphenol-A, triclosan and n-nonylphenol in human adipose tissue, liver and brain. <i>Chemosphere</i> , 2012, 87, 796-802.	4.2	246
29	A review of semi-volatile organic compounds (SVOCs) in the indoor environment: occurrence in consumer products, indoor air and dust. <i>Chemosphere</i> , 2018, 201, 466-482.	4.2	245
30	Critical review on the stability of illicit drugs in sewers and wastewater samples. <i>Water Research</i> , 2016, 88, 933-947.	5.3	244
31	Environmental pollutants and type 2 diabetes: a review of mechanisms that can disrupt beta cell function. <i>Diabetologia</i> , 2011, 54, 1273-1290.	2.9	229
32	Levels and profiles of organochlorines and flame retardants in car and house dust from Kuwait and Pakistan: Implication for human exposure via dust ingestion. <i>Environment International</i> , 2013, 55, 62-70.	4.8	222
33	A comparative assessment of human exposure to tetrabromobisphenol A and eight bisphenols including bisphenol A via indoor dust ingestion in twelve countries. <i>Environment International</i> , 2015, 83, 183-191.	4.8	218
34	Polybrominated Diphenyl Ethers in Marine Species from the Belgian North Sea and the Western Scheldt Estuary: Levels, Profiles, and Distribution. <i>Environmental Science & Technology</i> , 2003, 37, 4348-4357.	4.6	217
35	Distribution Patterns of Brominated, Chlorinated, and Phosphorus Flame Retardants with Particle Size in Indoor and Outdoor Dust and Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2014, 48, 8839-8846.	4.6	214
36	Age as a determinant of phosphate flame retardant exposure of the Australian population and identification of novel urinary PFR metabolites. <i>Environment International</i> , 2015, 74, 1-8.	4.8	211

#	ARTICLE	IF	CITATIONS
37	Assessment of human exposure to Bisphenol-A, Triclosan and Tetrabromobisphenol-A through indoor dust intake in Belgium. <i>Chemosphere</i> , 2009, 76, 755-760.	4.2	210
38	Sewage epidemiology – A real-time approach to estimate the consumption of illicit drugs in Brussels, Belgium. <i>Environment International</i> , 2011, 37, 612-621.	4.8	210
39	Distribution of polychlorinated biphenyls, organochlorine pesticides and polybrominated diphenyl ethers in human umbilical cord serum, maternal serum and milk from Wielkopolska region, Poland. <i>Science of the Total Environment</i> , 2006, 372, 20-31.	3.9	209
40	Measuring biomarkers in wastewater as a new source of epidemiological information: Current state and future perspectives. <i>Environment International</i> , 2017, 99, 131-150.	4.8	209
41	Comprehensive Study of Human External Exposure to Organophosphate Flame Retardants via Air, Dust, and Hand Wipes: The Importance of Sampling and Assessment Strategy. <i>Environmental Science & Technology</i> , 2016, 50, 7752-7760.	4.6	200
42	Identifying Transfer Mechanisms and Sources of Decabromodiphenyl Ether (BDE 209) in Indoor Environments Using Environmental Forensic Microscopy. <i>Environmental Science & Technology</i> , 2009, 43, 3067-3072.	4.6	198
43	Obesity and Persistent Organic Pollutants: Possible Obesogenic Effect of Organochlorine Pesticides and Polychlorinated Biphenyls. <i>Obesity</i> , 2011, 19, 709-714.	1.5	196
44	Organophosphate Flame Retardants in Indoor Dust from Egypt: Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2014, 48, 4782-4789.	4.6	196
45	Novel brominated flame retardants in Belgian and UK indoor dust: Implications for human exposure. <i>Chemosphere</i> , 2011, 83, 1360-1365.	4.2	189
46	Analysis of cocaine and its principal metabolites in waste and surface water using solid-phase extraction and liquid chromatography-ion trap tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1309-1319.	1.9	188
47	Multi-residue method for the determination of brominated and organophosphate flame retardants in indoor dust. <i>Talanta</i> , 2012, 89, 292-300.	2.9	183
48	The Belgian PCB and dioxin incident of January-June 1999: exposure data and potential impact on health.. <i>Environmental Health Perspectives</i> , 2001, 109, 265-273.	2.8	178
49	Flame retardants and organochlorines in indoor dust from several e-waste recycling sites in South China: Composition variations and implications for human exposure. <i>Environment International</i> , 2015, 78, 1-7.	4.8	178
50	Concentrations of organophosphate esters and brominated flame retardants in German indoor dust samples. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2482.	2.1	177
51	Levels and distribution of organochlorine pesticides, polychlorinated biphenyls and polybrominated diphenyl ethers in sediments and biota from the Danube Delta, Romania. <i>Environmental Pollution</i> , 2006, 140, 136-149.	3.7	166
52	Dietary PBDE intake: A market-basket study in Belgium. <i>Environment International</i> , 2007, 33, 93-97.	4.8	163
53	Brominated flame retardants and perfluorinated compounds in indoor dust from homes and offices in Flanders, Belgium. <i>Chemosphere</i> , 2010, 81, 478-487.	4.2	162
54	Urinary Biomonitoring of Phosphate Flame Retardants: Levels in California Adults and Recommendations for Future Studies. <i>Environmental Science & Technology</i> , 2014, 48, 13625-13633.	4.6	161

#	ARTICLE	IF	CITATIONS
55	Exposure to Hexabromocyclododecanes (HBCDs) via Dust Ingestion, but Not Diet, Correlates with Concentrations in Human Serum: Preliminary Results. <i>Environmental Health Perspectives</i> , 2009, 117, 1707-1712.	2.8	159
56	Multi-pathway human exposure assessment of phthalate esters and DINCH. <i>Environment International</i> , 2018, 112, 115-126.	4.8	157
57	Hexabromocyclododecane Challenges Scientists and Regulators. <i>Environmental Science & Technology</i> , 2005, 39, 281A-287A.	4.6	155
58	Distribution of Organobrominated and Organochlorinated Contaminants in Belgian Human Adipose Tissue. <i>Environmental Research</i> , 2002, 88, 210-218.	3.7	154
59	Brominated flame retardants and organochlorine pollutants in aquatic and terrestrial predatory birds of Belgium: levels, patterns, tissue distribution and condition factors. <i>Environmental Pollution</i> , 2006, 139, 340-352.	3.7	154
60	Evaluation of hazardous chemicals in edible insects and insect-based food intended for human consumption. <i>Food and Chemical Toxicology</i> , 2017, 100, 70-79.	1.8	154
61	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020, 115, 109-120.	1.7	154
62	Polybrominated diphenyl ethers, polychlorinated biphenyls and organochlorine pesticides in sediment cores from the Western Scheldt river (Belgium): analytical aspects and depth profiles. <i>Environment International</i> , 2005, 31, 367-375.	4.8	152
63	Dietary intake of phosphorus flame retardants (PFRs) using Swedish food market basket estimations. <i>Food and Chemical Toxicology</i> , 2017, 100, 1-7.	1.8	151
64	Occurrence of organochlorine pesticides (OCPs) and their enantiomeric signatures, and concentrations of polybrominated diphenyl ethers (PBDEs) in the Adélie penguin food web, Antarctica. <i>Environmental Pollution</i> , 2006, 140, 371-382.	3.7	149
65	Causes of variability in concentrations and diastereomer patterns of hexabromocyclododecanes in indoor dust. <i>Environment International</i> , 2009, 35, 573-579.	4.8	149
66	Analysis of the flame retardant metabolites bis(1,3-dichloro-2-propyl) phosphate (BDCPP) and diphenyl phosphate (DPP) in urine using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2123-2132.	1.9	149
67	Brominated flame retardants (BFRs) in air and dust from electronic waste storage facilities in Thailand. <i>Environment International</i> , 2010, 36, 690-698.	4.8	148
68	Accumulation, tissue-specific distribution and debromination of decabromodiphenyl ether (BDE 209) in European starlings (<i>Sturnus vulgaris</i>). <i>Environmental Pollution</i> , 2007, 148, 648-653.	3.7	147
69	From the exposome to mechanistic understanding of chemical-induced adverse effects. <i>Environment International</i> , 2017, 99, 97-106.	4.8	146
70	Distribution of PCBs and organochlorine pesticides in umbilical cord and maternal serum. <i>Science of the Total Environment</i> , 2002, 298, 45-53.	3.9	145
71	Urinary BPA measurements in children and mothers from six European member states: Overall results and determinants of exposure. <i>Environmental Research</i> , 2015, 141, 77-85.	3.7	143
72	Occurrence of Organophosphorus Flame Retardants and Plasticizers (PFRs) in Belgian Foodstuffs and Estimation of the Dietary Exposure of the Adult Population. <i>Environmental Science & Technology</i> , 2018, 52, 2331-2338.	4.6	140

#	ARTICLE	IF	CITATIONS
73	Retention-time database of 126 polybrominated diphenyl ether congeners and two Bromkal technical mixtures on seven capillary gas chromatographic columns. <i>Journal of Chromatography A</i> , 2005, 1065, 239-249.	1.8	138
74	Occurrence and risk assessment of organophosphate esters in drinking water from Eastern China. <i>Science of the Total Environment</i> , 2015, 538, 959-965.	3.9	138
75	Human exposure to endocrine disrupting chemicals and fertility: A case-control study in male subfertility patients. <i>Environment International</i> , 2015, 84, 154-160.	4.8	136
76	Hair analysis: another approach for the assessment of human exposure to selected persistent organochlorine pollutants. <i>Chemosphere</i> , 2002, 46, 413-418.	4.2	135
77	Hexabromocyclododecanes In Indoor Dust From Canada, the United Kingdom, and the United States. <i>Environmental Science & Technology</i> , 2008, 42, 459-464.	4.6	135
78	Dust from U.K. Primary School Classrooms and Daycare Centers: The Significance of Dust As a Pathway of Exposure of Young U.K. Children to Brominated Flame Retardants and Polychlorinated Biphenyls. <i>Environmental Science & Technology</i> , 2010, 44, 4198-4202.	4.6	135
79	Analysis of organophosphate flame retardant diester metabolites in human urine by liquid chromatography electrospray ionisation tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1303, 48-53.	1.8	135
80	Polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in human liver and adipose tissue samples from Belgium. <i>Chemosphere</i> , 2008, 73, 170-175.	4.2	134
81	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
82	Intake of bisphenol A from canned beverages and foods on the Belgian market. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 1627-1637.	1.1	132
83	Country specific comparison for profile of chlorinated, brominated and phosphate organic contaminants in indoor dust. Case study for Eastern Romania, 2010. <i>Environment International</i> , 2012, 49, 1-8.	4.8	131
84	Spatial and temporal variations in the occurrence of cocaine and benzoylecgonine in waste- and surface water from Belgium and removal during wastewater treatment. <i>Water Research</i> , 2009, 43, 1341-1349.	5.3	128
85	Human biomonitoring of emerging pollutants through non-invasive matrices: state of the art and future potential. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4063-4088.	1.9	128
86	Cocaine and metabolites in waste and surface water across Belgium. <i>Environmental Pollution</i> , 2009, 157, 123-129.	3.7	127
87	Selected persistent organochlorine pollutants in Romania. <i>Science of the Total Environment</i> , 2001, 280, 143-152.	3.9	122
88	Bioavailability and biomagnification of organophosphate esters in the food web of Taihu Lake, China: Impacts of chemical properties and metabolism. <i>Environment International</i> , 2019, 125, 25-32.	4.8	121
89	Hair ethyl glucuronide levels as a marker for alcohol use and abuse: A review of the current state of the art. <i>Drug and Alcohol Dependence</i> , 2014, 134, 1-11.	1.6	120
90	Levels of bisphenol-A in thermal paper receipts from Belgium and estimation of human exposure. <i>Science of the Total Environment</i> , 2012, 435-436, 30-33.	3.9	119

#	ARTICLE	IF	CITATIONS
91	Can cocaine use be evaluated through analysis of wastewater? A nation-wide approach conducted in Belgium. <i>Addiction</i> , 2009, 104, 734-741.	1.7	117
92	Levels and chiral signatures of persistent organochlorine pollutants in human tissues from Belgium. <i>Environmental Research</i> , 2003, 93, 167-176.	3.7	114
93	Legacy and alternative flame retardants in Norwegian and UK indoor environment: Implications of human exposure via dust ingestion. <i>Environment International</i> , 2017, 102, 48-56.	4.8	114
94	Optimization of the determination of polybrominated diphenyl ethers in human serum using solid-phase extraction and gas chromatography-electron capture negative ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 827, 216-223.	1.2	112
95	The Relationship between Levels of PCBs and Pesticides in Human Hair and Blood: Preliminary Results. <i>Environmental Health Perspectives</i> , 2004, 112, 1193-1199.	2.8	110
96	Evaluation of total lipids using enzymatic methods for the normalization of persistent organic pollutant levels in serum. <i>Science of the Total Environment</i> , 2006, 366, 361-366.	3.9	110
97	Wastewater-based epidemiology to assess pan-European pesticide exposure. <i>Water Research</i> , 2017, 121, 270-279.	5.3	110
98	Assessment of human exposure to indoor organic contaminants via dust ingestion in Pakistan. <i>Indoor Air</i> , 2012, 22, 200-211.	2.0	109
99	Organophosphorus flame-retardant and plasticizer analysis, including recommendations from the first worldwide interlaboratory study. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 217-228.	5.8	109
100	Brominated flame retardants and perfluorinated chemicals, two groups of persistent contaminants in Belgian human blood and milk. <i>Environmental Pollution</i> , 2010, 158, 2546-2552.	3.7	108
101	Downsides of the recycling process: Harmful organic chemicals in children's toys. <i>Environment International</i> , 2014, 65, 54-62.	4.8	108
102	Occurrence and fate of organophosphate ester flame retardants and plasticizers in indoor air and dust of Nepal: Implication for human exposure. <i>Environmental Pollution</i> , 2017, 229, 668-678.	3.7	108
103	Estimation of Daily Intake of Organohalogenated Contaminants from Food Consumption and Indoor Dust Ingestion in Romania. <i>Environmental Science & Technology</i> , 2010, 44, 6297-6304.	4.6	107
104	Brominated and organophosphate flame retardants in indoor dust of Jeddah, Kingdom of Saudi Arabia: Implications for human exposure. <i>Science of the Total Environment</i> , 2016, 569-570, 269-277.	3.9	107
105	Simultaneous determination of bisphenol A, triclosan, and tetrabromobisphenol A in human serum using solid-phase extraction and gas chromatography-electron capture negative-ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1175-1181.	1.9	106
106	Levels and profiles of PCBs and OCPs in marine benthic species from the Belgian North Sea and the Western Scheldt Estuary. <i>Marine Pollution Bulletin</i> , 2004, 49, 393-404.	2.3	105
107	Biomagnification of PBDEs in Three Small Terrestrial Food Chains. <i>Environmental Science & Technology</i> , 2007, 41, 411-416.	4.6	105
108	Analysis of drugs of abuse in wastewater by hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 819-828.	1.9	105

#	ARTICLE	IF	CITATIONS
109	Perfluorooctane sulfonic acid and organohalogen pollutants in liver of three freshwater fish species in Flanders (Belgium): relationships with biochemical and organismal effects. <i>Environmental Pollution</i> , 2005, 137, 324-333.	3.7	104
110	Application of hydrophilic interaction chromatography for the analysis of polar contaminants in food and environmental samples. <i>Journal of Chromatography A</i> , 2011, 1218, 5964-5974.	1.8	102
111	The stability of illicit drugs and metabolites in wastewater, an important issue for sewage epidemiology?. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 19-23.	6.5	101
112	Urinary metabolites of organophosphate esters: Concentrations and age trends in Australian children. <i>Environment International</i> , 2018, 111, 124-130.	4.8	99
113	Time Trend Investigation of PCBs, PBDEs, and Organochlorine Pesticides in Selected ω -3 Polyunsaturated Fatty Acid Rich Dietary Fish Oil and Vegetable Oil Supplements; Nutritional Relevance for Human Essential ω -3 Fatty Acid Requirements. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1780-1788.	2.4	98
114	Use of Transplanted Zebra Mussels (<i>Dreissena polymorpha</i>) To Assess the Bioavailability of Microcontaminants in Flemish Surface Waters. <i>Environmental Science & Technology</i> , 2005, 39, 1492-1505.	4.6	98
115	Association of Thyroid Hormone Concentrations with Levels of Organochlorine Compounds in Cord Blood of Neonates. <i>Environmental Health Perspectives</i> , 2007, 115, 1780-1786.	2.8	98
116	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. <i>Environment International</i> , 2010, 36, 60-67.	4.8	98
117	Persistent organic pollutants (POPs) in human milk: A biomonitoring study in rural areas of Flanders (Belgium). <i>Chemosphere</i> , 2012, 89, 988-994.	4.2	98
118	Endocrine-disrupting chemicals in human follicular fluid impair in vitro oocyte developmental competence. <i>Human Reproduction</i> , 2012, 27, 1025-1033.	0.4	97
119	Differences in the seasonal variation of brominated and phosphorus flame retardants in office dust. <i>Environment International</i> , 2014, 65, 100-106.	4.8	97
120	Determination of Polybrominated Diphenyl Ethers and Polychlorinated Biphenyls in Human Adipose Tissue by Large-Volume Injection ω -Narrow-Bore Capillary Gas Chromatography/Electron Impact Low-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2002, 74, 790-798.	3.2	95
121	Evaluation of the usefulness of bird feathers as a non-destructive biomonitoring tool for organic pollutants: A comparative and meta-analytical approach. <i>Environment International</i> , 2007, 33, 328-337.	4.8	95
122	Application of a sewage-based approach to assess the use of ten illicit drugs in four Chinese megacities. <i>Science of the Total Environment</i> , 2014, 487, 710-721.	3.9	95
123	In vitro metabolism of 2-ethylhexyldiphenyl phosphate (EHDPHP) by human liver microsomes. <i>Toxicology Letters</i> , 2015, 232, 203-212.	0.4	95
124	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. <i>Mass Spectrometry Reviews</i> , 2018, 37, 258-280.	2.8	95
125	Internal exposure to pollutants measured in blood and urine of Flemish adolescents in function of area of residence. <i>Chemosphere</i> , 2008, 71, 1317-1325.	4.2	93
126	Persistent chlorinated pesticides and polychlorinated biphenyls in selected fish species from Lake Tanganyika, Burundi, Africa. <i>Environmental Pollution</i> , 2002, 117, 447-455.	3.7	92

#	ARTICLE	IF	CITATIONS
127	Levels of organochlorine pesticides, polychlorinated biphenyls and polybrominated diphenyl ethers in fish species from Kahramanmaras, Turkey. <i>Environment International</i> , 2005, 31, 703-711.	4.8	92
128	Organophosphate esters in indoor dust from 12 countries: Concentrations, composition profiles, and human exposure. <i>Environment International</i> , 2019, 133, 105178.	4.8	92
129	Concentrations of synthetic musk compounds in personal care and sanitation products and human exposure profiles through dermal application. <i>Chemosphere</i> , 2007, 69, 1540-1547.	4.2	91
130	Synthetic Phenolic Antioxidants and Their Metabolites in Indoor Dust from Homes and Microenvironments. <i>Environmental Science & Technology</i> , 2016, 50, 428-434.	4.6	91
131	Organohalogenated pollutants in human serum from lassy, Romania and their relation with age and gender. <i>Environment International</i> , 2006, 32, 797-803.	4.8	90
132	Optimization and validation of a hydrophilic interaction liquid chromatography-tandem mass spectrometry method for the determination of 13 top-prescribed pharmaceuticals in influent wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2211-2222.	1.9	90
133	Persistent organic pollutants in the Scheldt estuary: Environmental distribution and bioaccumulation. <i>Environment International</i> , 2012, 48, 17-27.	4.8	89
134	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 1. Accumulation patterns in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 437-444.	3.7	88
135	Sewage-based epidemiology in monitoring the use of new psychoactive substances: Validation and application of an analytical method using LC-MS/MS. <i>Drug Testing and Analysis</i> , 2015, 7, 812-818.	1.6	87
136	Levels and distribution of polybrominated diphenyl ethers in various tissues of birds of prey. <i>Environmental Pollution</i> , 2006, 144, 218-227.	3.7	86
137	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 34-43.	5.8	85
138	Persistent organochlorine pollutants in human serum of 50-65 years old women in the Flanders Environmental and Health Study (FLEHS). Part 1: concentrations and regional differences. <i>Chemosphere</i> , 2002, 48, 811-825.	4.2	84
139	Brominated flame retardants and polychlorinated biphenyls in fish from the river Scheldt, Belgium. <i>Environment International</i> , 2008, 34, 976-983.	4.8	84
140	Organohalogenated contaminants (OHCs) in the serum and hair of pet cats and dogs: Biosentinels of indoor pollution. <i>Science of the Total Environment</i> , 2013, 449, 29-36.	3.9	84
141	The strength in numbers: comprehensive characterization of house dust using complementary mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1957-1977.	1.9	84
142	FEATHERS AS A NONDESTRUCTIVE BIOMONITOR FOR PERSISTENT ORGANIC POLLUTANTS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 442.	2.2	83
143	Comparative evaluation of liquid chromatography-mass spectrometry versus gas chromatography-mass spectrometry for the determination of hexabromocyclododecanes and their degradation products in indoor dust. <i>Journal of Chromatography A</i> , 2008, 1190, 333-341.	1.8	83
144	Human dietary intake of organohalogen contaminants at e-waste recycling sites in Eastern China. <i>Environment International</i> , 2015, 74, 209-220.	4.8	83

#	ARTICLE	IF	CITATIONS
145	Three cycles of human biomonitoring in Flanders – Time trends observed in the Flemish Environment and Health Study. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 36-45.	2.1	83
146	Enantiomeric profiling of chiral illicit drugs in a pan-European study. <i>Water Research</i> , 2018, 130, 151-160.	5.3	83
147	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. <i>Environment International</i> , 2021, 146, 106082.	4.8	83
148	Effects of primary metabolites of organophosphate flame retardants on transcriptional activity via human nuclear receptors. <i>Toxicology Letters</i> , 2016, 245, 31-39.	0.4	82
149	Brominated flame retardants and organochlorine pollutants in eggs of little owls (<i>Athene noctua</i>) from Belgium. <i>Environmental Pollution</i> , 2005, 136, 81-88.	3.7	81
150	Comparison of Persistent Organic Pollutant Residues in Serum and Adipose Tissue in a Female Population in Belgium, 1996-1998. <i>Archives of Environmental Contamination and Toxicology</i> , 2000, 39, 265-270.	2.1	80
151	Remarkable Findings Concerning PBDEs in the Terrestrial Top-Predator Red Fox (<i>Vulpes vulpes</i>). <i>Environmental Science & Technology</i> , 2006, 40, 2937-2943.	4.6	80
152	Brominated and phosphorus flame retardants in White-tailed Eagle <i>Haliaeetus albicilla</i> nestlings: Bioaccumulation and associations with dietary proxies ($\delta^{13}C$, $\delta^{15}N$ and $\delta^{34}S$). <i>Science of the Total Environment</i> , 2014, 478, 48-57.	3.9	80
153	Human exposure pathways to organophosphate flame retardants: Associations between human biomonitoring and external exposure. <i>Environment International</i> , 2019, 127, 462-472.	4.8	80
154	Brominated flame retardants in Belgian home-produced eggs: Levels and contamination sources. <i>Science of the Total Environment</i> , 2009, 407, 4387-4396.	3.9	79
155	Sensitive and selective method for the determination of bisphenol-A and triclosan in serum and urine as pentafluorobenzoate-derivatives using GC-ECNI/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 4042-4046.	1.2	79
156	Factors Influencing Concentrations of Polybrominated Diphenyl Ethers (PBDEs) in Students from Antwerp, Belgium. <i>Environmental Science & Technology</i> , 2009, 43, 3535-3541.	4.6	79
157	Development and Application of Liquid Chromatographic Retention Time Indices in HRMS-Based Suspect and Nontarget Screening. <i>Analytical Chemistry</i> , 2021, 93, 11601-11611.	3.2	79
158	An assessment of the influence of multiple stressors on the Vaal River, South Africa. <i>Physics and Chemistry of the Earth</i> , 2011, 36, 949-962.	1.2	78
159	In vitro biotransformation of tris(2-butoxyethyl) phosphate (TBOEP) in human liver and serum. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 246-253.	1.3	78
160	Multi-contaminant analysis of organophosphate and halogenated flame retardants in food matrices using ultrasonication and vacuum assisted extraction, multi-stage cleanup and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1401, 33-41.	1.8	78
161	Associations between allergic symptoms and phosphate flame retardants in dust and their urinary metabolites among school children. <i>Environment International</i> , 2018, 119, 438-446.	4.8	78
162	Bird feathers as a biomonitor for environmental pollutants: Prospects and pitfalls. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 223-226.	5.8	78

#	ARTICLE	IF	CITATIONS
163	Phthalate and alternative plasticizers in indwelling medical devices in pediatric intensive care units. <i>Journal of Hazardous Materials</i> , 2019, 363, 64-72.	6.5	78
164	Hair as an Indicator of Endogenous Tissue Levels of Brominated Flame Retardants in Mammals. <i>Environmental Science & Technology</i> , 2005, 39, 6016-6020.	4.6	77
165	Organochlorine contaminants in hair of adolescents from Iassy, Romania. <i>Chemosphere</i> , 2008, 72, 16-20.	4.2	77
166	Spatial monitoring of organohalogen compounds in surface water and sediments of a rural-urban river basin in Tanzania. <i>Science of the Total Environment</i> , 2013, 447, 186-197.	3.9	77
167	Persistent organic pollutants in the Olifants River Basin, South Africa: Bioaccumulation and trophic transfer through a subtropical aquatic food web. <i>Science of the Total Environment</i> , 2017, 586, 792-806.	3.9	77
168	Concentration and spatial distribution of organophosphate esters in the soil-sediment profile of Kathmandu Valley, Nepal: Implication for risk assessment. <i>Science of the Total Environment</i> , 2018, 613-614, 502-512.	3.9	77
169	Anthropogenic and Naturally Occurring Organobrominated Compounds in Two Deep-Sea Fish Species from the Mediterranean Sea. <i>Environmental Science & Technology</i> , 2008, 42, 8654-8660.	4.6	75
170	In Vitro Human Metabolism of the Flame Retardant Resorcinol Bis(diphenylphosphate) (RDP). <i>Environmental Science & Technology</i> , 2015, 49, 3897-3904.	4.6	75
171	A survey of cyclic and linear siloxanes in indoor dust and their implications for human exposures in twelve countries. <i>Environment International</i> , 2015, 78, 39-44.	4.8	75
172	Can predatory bird feathers be used as a non-destructive biomonitoring tool of organic pollutants?. <i>Biology Letters</i> , 2006, 2, 283-285.	1.0	74
173	Organochlorine and heavy metals in newborns: Results from the Flemish Environment and Health Survey (FLEHS 2002-2006). <i>Environment International</i> , 2009, 35, 1015-1022.	4.8	74
174	Analytical characteristics and determination of major novel brominated flame retardants (NBFRs) in indoor dust. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3073-3083.	1.9	74
175	First assessment of population exposure to perfluorinated compounds in Flanders, Belgium. <i>Chemosphere</i> , 2012, 86, 308-314.	4.2	74
176	Distribution of persistent organic pollutants in two different fat compartments from obese individuals. <i>Environment International</i> , 2013, 55, 33-42.	4.8	74
177	Baseline levels and trophic transfer of persistent organic pollutants in sediments and biota from the Congo River Basin (DR Congo). <i>Environment International</i> , 2013, 59, 290-302.	4.8	74
178	A review of chamber experiments for determining specific emission rates and investigating migration pathways of flame retardants. <i>Atmospheric Environment</i> , 2014, 82, 44-55.	1.9	74
179	Daily intake of bisphenol A and triclosan and their association with anthropometric data, thyroid hormones and weight loss in overweight and obese individuals. <i>Environment International</i> , 2015, 76, 98-105.	4.8	74
180	Evaluation of exposure to phthalate esters and DINCH in urine and nails from a Norwegian study population. <i>Environmental Research</i> , 2016, 151, 80-90.	3.7	74

#	ARTICLE	IF	CITATIONS
181	COMPARISON OF ACCUMULATION OF MICROPOLLUTANTS BETWEEN INDIGENOUS AND TRANSPLANTED ZEBRA MUSSELS (<i>DREISSENA POLYMORPHA</i>). <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1973.	2.2	73
182	Distribution of polybrominated diphenyl ethers (PBDEs) and other persistent organic pollutants in human serum from Greece. <i>Environment International</i> , 2011, 37, 349-353.	4.8	73
183	A first evaluation of the usefulness of feathers of nestling predatory birds for non-destructive biomonitoring of persistent organic pollutants. <i>Environment International</i> , 2011, 37, 622-630.	4.8	73
184	Organophosphorus flame retardants in the European eel in Flanders, Belgium: Occurrence, fate and human health risk. <i>Environmental Research</i> , 2015, 140, 604-610.	3.7	73
185	Preen oil as the main source of external contamination with organic pollutants onto feathers of the common magpie (<i>Pica pica</i>). <i>Environment International</i> , 2008, 34, 741-748.	4.8	72
186	Biomagnification of anthropogenic and naturally-produced organobrominated compounds in a marine food web from Sydney Harbour, Australia. <i>Environment International</i> , 2009, 35, 1142-1149.	4.8	72
187	Accumulation of brominated flame retardants and polychlorinated biphenyls in human breast milk and scalp hair from the Philippines: Levels, distribution and profiles. <i>Science of the Total Environment</i> , 2013, 442, 366-379.	3.9	72
188	Assessment of human hair as an indicator of exposure to organophosphate flame retardants. Case study on a Norwegian mother-child cohort. <i>Environment International</i> , 2015, 83, 50-57.	4.8	72
189	Assessment of dietary exposure to organohalogen contaminants, legacy and emerging flame retardants in a Norwegian cohort. <i>Environment International</i> , 2017, 102, 236-243.	4.8	72
190	Distribution of PCBs, Their Hydroxylated Metabolites, and Other Phenolic Contaminants in Human Serum from Two European Countries. <i>Environmental Science & Technology</i> , 2010, 44, 2876-2883.	4.6	71
191	Distribution of polychlorinated biphenyls (PCBs) and organochlorine pesticides in soils from the East Antarctic coast. <i>Journal of Environmental Monitoring</i> , 2003, 5, 281-286.	2.1	70
192	Phthalate metabolites in obese individuals undergoing weight loss: Urinary levels and estimation of the phthalates daily intake. <i>Environment International</i> , 2013, 59, 344-353.	4.8	70
193	Estimating renal and hepatic clearance rates of organophosphate esters in humans: Impacts of intrinsic metabolism and binding affinity with plasma proteins. <i>Environment International</i> , 2020, 134, 105321.	4.8	70
194	Simplified method for determination of organochlorine pollutants in human serum by solid-phase disk extraction and gas chromatography. <i>Chemosphere</i> , 2001, 43, 439-447.	4.2	69
195	Relationship Between Age and Levels of Organochlorine Contaminants in Human Serum of a Belgian Population. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 69, 22-29.	1.3	69
196	Exposure of the Flemish population to brominated flame retardants: Model and risk assessment. <i>Environment International</i> , 2010, 36, 368-376.	4.8	69
197	Bioaccumulation of micropollutants and biomarker responses in caged carp (<i>Cyprinus carpio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 720-728.	2.9	68
198	Polychlorinated biphenyl and organochlorine pesticide contamination signatures in deep-sea fish from the Mediterranean Sea. <i>Environmental Research</i> , 2009, 109, 851-856.	3.7	68

#	ARTICLE	IF	CITATIONS
199	Surviving in a toxic world: transcriptomics and gene expression profiling in response to environmental pollution in the critically endangered European eel. <i>BMC Genomics</i> , 2012, 13, 507.	1.2	68
200	Levels of organohalogenated persistent pollutants in human milk from KahramanmaraÅ region, Turkey. <i>Environment International</i> , 2004, 30, 659-666.	4.8	67
201	Concentrations of chlorinated and brominated contaminants and their metabolites in serum of harbour seals and harbour porpoises. <i>Environment International</i> , 2009, 35, 842-850.	4.8	67
202	Comprehensive analytical strategies based on high-resolution time-of-flight mass spectrometry to identify new psychoactive substances. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 57, 107-117.	5.8	67
203	In vitro Phase I and Phase II metabolism of $\hat{\pm}$ -pyrrolidinovalerophenone ($\hat{\pm}$ -PVP), methylenedioxypropylvalerone (MDPV) and methedrone by human liver microsomes and human liver cytosol. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5803-5816.	1.9	67
204	Qualitative screening for new psychoactive substances in wastewater collected during a city festival using liquid chromatography coupled to high-resolution mass spectrometry. <i>Chemosphere</i> , 2017, 184, 1186-1193.	4.2	67
205	Neurobehavioral function and low-level exposure to brominated flame retardants in adolescents: a cross-sectional study. <i>Environmental Health</i> , 2012, 11, 86.	1.7	66
206	Considerable exposure to the endocrine disrupting chemicals phthalates and bisphenol-A in intensive care unit (ICU) patients. <i>Environment International</i> , 2015, 81, 64-72.	4.8	66
207	The Belgian PCB/dioxin crisisâ€™8 years later. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 164-170.	2.0	65
208	Measuring environmental stress in East Greenland polar bears, 1892â€™1927 and 1988â€™2009: What does hair cortisol tell us?. <i>Environment International</i> , 2012, 45, 15-21.	4.8	65
209	Spatial and temporal trends in alcohol consumption in Belgian cities: A wastewater-based approach. <i>Drug and Alcohol Dependence</i> , 2016, 160, 170-176.	1.6	65
210	Photodegradation mechanisms and kinetics of Eosin-Y in oxic and anoxic conditions. <i>Dyes and Pigments</i> , 2017, 145, 376-384.	2.0	65
211	Assessment of the chemical contamination in home-produced eggs in Belgium: General overview of the CONTEGG study. <i>Science of the Total Environment</i> , 2009, 407, 4403-4410.	3.9	64
212	Isotope Dilution Method for Determination of Polybrominated Diphenyl Ethers Using Liquid Chromatography Coupled to Negative Ionization Atmospheric Pressure Photoionization Tandem Mass Spectrometry: Validation and Application to House Dust. <i>Analytical Chemistry</i> , 2009, 81, 7460-7467.	3.2	64
213	Optimization, validation, and the application of liquid chromatographyâ€™tandem mass spectrometry for the analysis of new drugs of abuse in wastewater. <i>Drug Testing and Analysis</i> , 2014, 6, 861-867.	1.6	64
214	Kinetics of tris (1-chloro-2-propyl) phosphate (TCIPP) metabolism in human liver microsomes and serum. <i>Chemosphere</i> , 2016, 144, 1299-1305.	4.2	64
215	Stability of alcohol and tobacco consumption biomarkers in a real rising main sewer. <i>Water Research</i> , 2018, 138, 19-26.	5.3	64
216	Comprehensive two-dimensional gas chromatography of polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , 2005, 1100, 200-207.	1.8	63

#	ARTICLE	IF	CITATIONS
217	Brominated flame retardants and organochlorines in the European environment using great tit eggs as a biomonitoring tool. <i>Environment International</i> , 2009, 35, 310-317.	4.8	63
218	Legacy and emerging organophosphorus flame retardants in car dust from Greece: Implications for human exposure. <i>Chemosphere</i> , 2018, 196, 231-239.	4.2	63
219	Prenatal Exposure to Organophosphate Flame Retardants and the Risk of Low Birth Weight: A Nested Case-Control Study in China. <i>Environmental Science & Technology</i> , 2020, 54, 3375-3385.	4.6	63
220	Penguin colonies as secondary sources of contamination with persistent organic pollutants. <i>Journal of Environmental Monitoring</i> , 2007, 9, 822.	2.1	62
221	Occurrence of legacy and alternative plasticizers in indoor dust from various EU countries and implications for human exposure via dust ingestion and dermal absorption. <i>Environmental Research</i> , 2019, 171, 204-212.	3.7	62
222	Microcontaminant accumulation, physiological condition and bilateral asymmetry in zebra mussels (<i>Dreissena polymorpha</i>) from clean and contaminated surface waters. <i>Aquatic Toxicology</i> , 2006, 79, 213-225.	1.9	61
223	Status of pollution in mangrove ecosystems along the coast of Tanzania. <i>Marine Pollution Bulletin</i> , 2008, 56, 1022-1031.	2.3	61
224	Tissue-specific accumulation of polybrominated diphenyl ethers (PBDEs) including Deca-BDE and hexabromocyclododecanes (HBCDs) in harbor seals from the northwest Atlantic. <i>Environment International</i> , 2012, 44, 1-6.	4.8	61
225	Exposure to Persistent Organic Pollutants: Relationship With Abnormal Glucose Metabolism and Visceral Adiposity. <i>Diabetes Care</i> , 2014, 37, 1951-1958.	4.3	61
226	<i>In vitro</i> and <i>in vivo</i> human metabolism of the synthetic cannabinoid AB-CHMINACA. <i>Drug Testing and Analysis</i> , 2015, 7, 866-876.	1.6	61
227	A reassessment of the nomenclature of polychlorinated biphenyl (PCB) metabolites. <i>Environmental Health Perspectives</i> , 2004, 112, 291-294.	2.8	60
228	Monomer elution in relation to degree of conversion for different types of composite. <i>Journal of Dentistry</i> , 2015, 43, 1448-1455.	1.7	60
229	Investigation of agreement between wastewater-based epidemiology and survey data on alcohol and nicotine use in a community. <i>Drug and Alcohol Dependence</i> , 2016, 162, 170-175.	1.6	60
230	Circulating phthalates during critical illness in children are associated with long-term attention deficit: a study of a development and a validation cohort. <i>Intensive Care Medicine</i> , 2016, 42, 379-392.	3.9	60
231	Improved sample preparation method for selected persistent organochlorine pollutants in human serum using solid-phase disk extraction with gas chromatographic analysis. <i>Biomedical Applications</i> , 1999, 723, 117-125.	1.7	59
232	Comparison of CALUX-TEQ values with PCB and PCDD/F measurements in human serum of the Flanders Environmental and Health Study (FLEHS). <i>Toxicology Letters</i> , 2001, 123, 59-67.	0.4	59
233	Within- and among-clutch variation of organohalogenated contaminants in eggs of great tits (<i>Parus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	3.7	59
234	Biomagnification of naturally-produced methoxylated polybrominated diphenyl ethers (MeO-PBDEs) in harbour seals and harbour porpoises from the Southern North Sea. <i>Environment International</i> , 2009, 35, 893-899.	4.8	59

#	ARTICLE	IF	CITATIONS
235	Biomarkers of human exposure to personal care products: Results from the Flemish Environment and Health Study (FLEHS 2007-2011). <i>Science of the Total Environment</i> , 2013, 463-464, 102-110.	3.9	59
236	Increased levels of the oxidative stress biomarker 8-iso-prostaglandin F ₂ ± in wastewater associated with tobacco use. <i>Scientific Reports</i> , 2016, 6, 39055.	1.6	59
237	Legacy and novel brominated flame retardants in interior car dust-implications for human exposure. <i>Environmental Pollution</i> , 2017, 230, 871-881.	3.7	59
238	A National Wastewater Monitoring Program for a better understanding of public health: A case study using the Australian Census. <i>Environment International</i> , 2019, 122, 400-411.	4.8	59
239	We need a global science-policy body on chemicals and waste. <i>Science</i> , 2021, 371, 774-776.	6.0	59
240	Organochlorine pesticides in soil, moss and tree-bark from North-Eastern Romania. <i>Science of the Total Environment</i> , 2013, 456-457, 317-324.	3.9	58
241	Drugs of abuse and alcohol consumption among different groups of population on the Greek Island of Lesbos through sewage-based epidemiology. <i>Science of the Total Environment</i> , 2016, 563-564, 633-640.	3.9	58
242	Chromatographic aspects of the analysis of selected persistent organochlorine pollutants in human hair. <i>Chromatographia</i> , 2001, 53, S366-S371.	0.7	57
243	Distribution of organochlorine pesticides, polychlorinated biphenyls and ±-HCH enantiomers in pork tissues. <i>Chemosphere</i> , 2004, 56, 757-766.	4.2	57
244	A data-independent acquisition workflow for qualitative screening of new psychoactive substances in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8773-8785.	1.9	57
245	Body feathers as a potential new biomonitoring tool in raptors: A study on organohalogenated contaminants in different feather types and preen oil of West Greenland white-tailed eagles (<i>Haliaeetus albicilla</i>). <i>Environment International</i> , 2011, 37, 1349-1356.	4.8	56
246	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part II: Zebrafish. <i>Aquatic Toxicology</i> , 2016, 173, 204-217.	1.9	56
247	Screening and identification of per- and polyfluoroalkyl substances in microwave popcorn bags. <i>Food Chemistry</i> , 2017, 230, 497-506.	4.2	56
248	Accumulation of Organochlorines and Brominated Flame Retardants in the Eggs and Nestlings of Great Tits, <i>Parus major</i> . <i>Environmental Science & Technology</i> , 2006, 40, 5297-5303.	4.6	55
249	Selective transfer of persistent organic pollutants and their metabolites in grey seals during lactation. <i>Environment International</i> , 2012, 46, 6-15.	4.8	55
250	Nail analysis for the detection of drugs of abuse and pharmaceuticals: a review. <i>Forensic Toxicology</i> , 2015, 33, 12-36.	1.4	55
251	In vitro assessment of hepatotoxicity by metabolomics: a review. <i>Archives of Toxicology</i> , 2018, 92, 3007-3029.	1.9	55
252	Concentrations of polybrominated diphenyl ethers in matched samples of indoor dust and breast milk in New Zealand. <i>Environment International</i> , 2013, 59, 255-261.	4.8	54

#	ARTICLE	IF	CITATIONS
253	Development and application of a non-targeted extraction method for the analysis of migrating compounds from plastic baby bottles by GC-MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 2090-2102.	1.1	53
254	Levels and profile of several classes of organic contaminants in matched indoor dust and serum samples from occupational settings of Pakistan. <i>Environmental Pollution</i> , 2014, 193, 269-276.	3.7	53
255	Brominated and phosphate flame retardants (FRs) in indoor dust from different microenvironments: Implications for human exposure via dust ingestion and dermal contact. <i>Chemosphere</i> , 2017, 184, 185-191.	4.2	53
256	A European proposal for quality control and quality assurance of tandem mass spectral libraries. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	53
257	Relationships between organohalogen contaminants and blood plasma clinical chemical parameters in chicks of three raptor species from Northern Norway. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 7-17.	2.9	52
258	A one year investigation of the occurrence of illicit drugs in wastewater from Brussels, Belgium. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1008.	2.1	52
259	Non-invasive biomonitoring for PFRs and PBDEs: New insights in analysis of human hair externally exposed to selected flame retardants. <i>Science of the Total Environment</i> , 2015, 505, 1062-1071.	3.9	52
260	Phosphate flame retardants and novel brominated flame retardants in home-produced eggs from an e-waste recycling region in China. <i>Chemosphere</i> , 2016, 150, 545-550.	4.2	52
261	Patterns of PCBs and PCDD/PCDFs in chicken and pork fat following a Belgian food contamination incident. <i>Chemosphere</i> , 2002, 47, 207-217.	4.2	51
262	Spatial variations in the levels and isomeric patterns of PBDEs and HBCDs in the European eel in Flanders. <i>Environment International</i> , 2010, 36, 415-423.	4.8	51
263	Organohalogenated contaminants in domestic cats' plasma in relation to spontaneous acromegaly and type 2 diabetes mellitus: A clue for endocrine disruption in humans?. <i>Environment International</i> , 2013, 57-58, 60-67.	4.8	51
264	Can starling eggs be useful as a biomonitoring tool to study organohalogenated contaminants on a worldwide scale?. <i>Environment International</i> , 2013, 51, 141-149.	4.8	51
265	Occurrence of perchlorate in indoor dust from the United States and eleven other countries: Implications for human exposure. <i>Environment International</i> , 2015, 75, 166-171.	4.8	51
266	Levamisole: a Common Adulterant in Cocaine Street Samples Hindering Electrochemical Detection of Cocaine. <i>Analytical Chemistry</i> , 2018, 90, 5290-5297.	3.2	51
267	Biomonitoring of organophosphate flame retardants and plasticizers in children: Associations with house dust and housing characteristics in Japan. <i>Environmental Research</i> , 2019, 172, 543-551.	3.7	51
268	Surprising findings following a Belgian food contamination with polychlorobiphenyls and dioxins.. <i>Environmental Health Perspectives</i> , 2001, 109, 101-103.	2.8	50
269	Dietary PCB intake in Belgium. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 179-182.	2.0	50
270	Maternal transfer of organochlorines and brominated flame retardants in blue tits (<i>Cyanistes</i>) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 62 T	4.8	50

#	ARTICLE	IF	CITATIONS
271	An exposure study with polybrominated diphenyl ethers (PBDEs) in female European starlings (<i>Sturnus</i>) Tj ETQq1 1.0,784314 rgBT /Overlock 10	3.7	50
272	Fingerprint of persistent organic pollutants in tissues of Antarctic notothenioid fish. <i>Science of the Total Environment</i> , 2014, 499, 89-98.	3.9	50
273	Does Biotransformation of Aryl Phosphate Flame Retardants in Blood Cast a New Perspective on Their Debated Biomarkers?. <i>Environmental Science & Technology</i> , 2016, 50, 12439-12445.	4.6	50
274	The user-centred intelligent environments development process as a guide to co-create smart technology for people with special needs. <i>Universal Access in the Information Society</i> , 2018, 17, 115-130.	2.1	50
275	Ethyl glucuronide determination in meconium and hair by hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Forensic Science International</i> , 2010, 196, 121-127.	1.3	49
276	Simultaneous determination of 15 top-prescribed pharmaceuticals and their metabolites in influent wastewater by reversed-phase liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2011, 83, 795-803.	2.9	49
277	Accumulation of background levels of persistent organochlorine and organobromine pollutants through the soil-earthworm-hedgehog food chain. <i>Environment International</i> , 2010, 36, 721-727.	4.8	48
278	Blood plasma clinical-chemical parameters as biomarker endpoints for organohalogen contaminant exposure in Norwegian raptor nestlings. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 76-83.	2.9	48
279	Children's exposure to polybrominated diphenyl ethers (PBDEs) through mouthing toys. <i>Environment International</i> , 2016, 87, 101-107.	4.8	48
280	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021, 199, 117167.	5.3	48
281	Determination of organohalogenated contaminants in liver of harbour porpoises (<i>Phocoena</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.3	47
282	Evaluation of biochemical effects related to perfluorooctane sulfonic acid exposure in organohalogen-contaminated great tit (<i>Parus major</i>) and blue tit (<i>Parus caeruleus</i>) nestlings. <i>Chemosphere</i> , 2005, 61, 1558-1569.	4.2	47
283	Is external contamination with organic pollutants important for concentrations measured in bird feathers?. <i>Environment International</i> , 2007, 33, 766-772.	4.8	47
284	Dynamics of Organohalogenated Contaminants in Human Serum from Obese Individuals during One Year of Weight Loss Treatment. <i>Environmental Science & Technology</i> , 2013, 47, 12441-12449.	4.6	47
285	Perfluoroalkyl acid contamination of follicular fluid and its consequence for in vitro oocyte developmental competence. <i>Science of the Total Environment</i> , 2014, 496, 282-288.	3.9	47
286	Determinants of bisphenol A and phthalate metabolites in urine of Flemish adolescents. <i>Environmental Research</i> , 2014, 134, 110-117.	3.7	47
287	Occurrence of emerging flame retardants from e-waste recycling activities in the northern part of Vietnam. <i>Emerging Contaminants</i> , 2016, 2, 58-65.	2.2	47
288	Bioconcentration and biotransformation of organophosphorus flame retardants (PFRs) in common carp (<i>Cyprinus carpio</i>). <i>Environment International</i> , 2019, 126, 512-522.	4.8	47

#	ARTICLE	IF	CITATIONS
289	Changes in drug use in European cities during early COVID-19 lockdowns – A snapshot from wastewater analysis. <i>Environment International</i> , 2021, 153, 106540.	4.8	47
290	Persistent organic pollutants and methoxylated PBDEs in harbour porpoises from the North Sea from 1990 until 2008: Young wildlife at risk?. <i>Science of the Total Environment</i> , 2010, 409, 228-237.	3.9	46
291	Simultaneous determination of 14 urinary biomarkers of exposure to organophosphate flame retardants and plasticizers by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7871-7880.	1.9	46
292	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	46
293	Polybrominated diphenyl ethers (PBDEs) in freshwater mussels and fish from Flanders, Belgium. <i>Journal of Environmental Monitoring</i> , 2005, 7, 132.	2.1	45
294	Anthropogenic and Naturally Occurring Organobrominated Compounds in Fish Oil Dietary Supplements. <i>Environmental Science & Technology</i> , 2007, 41, 5237-5244.	4.6	45
295	Organochlorine pesticide and polychlorinated biphenyl residues in feathers of birds from different trophic levels of South-West Iran. <i>Environment International</i> , 2009, 35, 285-290.	4.8	45
296	Organohalogenated contaminants (OHCs) in human serum of mothers and children from Pakistan with urban and rural residential settings. <i>Science of the Total Environment</i> , 2013, 461-462, 655-662.	3.9	45
297	Biomonitoring and temporal trends of bisphenols exposure in Japanese school children. <i>Environmental Research</i> , 2020, 191, 110172.	3.7	45
298	Mining the Chemical Information on Urban Wastewater: Monitoring Human Exposure to Phosphorus Flame Retardants and Plasticizers. <i>Environmental Science & Technology</i> , 2018, 52, 6996-7005.	4.6	44
299	Multiple exposures to organophosphate flame retardants alter urinary oxidative stress biomarkers among children: The Hokkaido Study. <i>Environment International</i> , 2019, 131, 105003.	4.8	44
300	Legacy and emerging organophosphorus flame retardants and plasticizers in indoor microenvironments from Guangzhou, South China. <i>Environment International</i> , 2020, 143, 105972.	4.8	44
301	Current and future perspectives for wastewater-based epidemiology as a monitoring tool for pharmaceutical use. <i>Science of the Total Environment</i> , 2021, 789, 148047.	3.9	44
302	Persistent Organochlorine Pollutants in Soils from Belgium, Italy, Greece, and Romania. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 68, 97-103.	1.3	43
303	A comparison of non-destructive sampling strategies to assess the exposure of white-tailed eagle nestlings (<i>Haliaeetus albicilla</i>) to persistent organic pollutants. <i>Science of the Total Environment</i> , 2011, 410-411, 258-265.	3.9	43
304	Persistent organic pollutants and methoxylated polybrominated diphenyl ethers in different tissues of white-tailed eagles (<i>Haliaeetus albicilla</i>) from West Greenland. <i>Environmental Pollution</i> , 2013, 175, 137-146.	3.7	43
305	A histology-based fish health assessment of the tigerfish, <i>Hydrocynus vittatus</i> from a DDT-affected area. <i>Physics and Chemistry of the Earth</i> , 2011, 36, 895-904.	1.2	42
306	Do concentrations of pharmaceuticals in sewage reflect prescription figures?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9110-9118.	2.7	42

#	ARTICLE	IF	CITATIONS
307	Impurities of Resorcinol Bis(diphenyl phosphate) in Plastics and Dust Collected on Electric/Electronic Material. <i>Environmental Science & Technology</i> , 2016, 50, 1934-1940.	4.6	42
308	Assessing in-vitro estrogenic effects of currently-used flame retardants. <i>Toxicology in Vitro</i> , 2016, 33, 153-162.	1.1	42
309	Liquid Chromatography-Tandem Mass Spectrometry Analysis of Biomarkers of Exposure to Phosphorus Flame Retardants in Wastewater to Monitor Community-Wide Exposure. <i>Analytical Chemistry</i> , 2017, 89, 10045-10053.	3.2	42
310	speaq 2.0: A complete workflow for high-throughput 1D NMR spectra processing and quantification. <i>PLoS Computational Biology</i> , 2018, 14, e1006018.	1.5	42
311	Exposure to organophosphate esters, phthalates, and alternative plasticizers in association with uterine fibroids. <i>Environmental Research</i> , 2020, 189, 109874.	3.7	42
312	Great Tit (<i>Parus major</i>) Nestlings as Biomonitors of Organochlorine Pollution. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 89-96.	2.1	41
313	Assessment of Organochlorine Pesticide Residues in West African City Farms: Banjul and Dakar Case Study. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 171-179.	2.1	41
314	Fast analysis of decabrominated diphenyl ether using low-pressure gas chromatography-electron-capture negative ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1186, 295-301.	1.8	41
315	Concentrations in bird feathers reflect regional contamination with organic pollutants. <i>Science of the Total Environment</i> , 2009, 407, 1447-1451.	3.9	41
316	Occurrence of endocrine disrupting compounds in tissues and body fluids of Belgian dairy cows and its implications for the use of the cow as a model to study endocrine disruption. <i>Science of the Total Environment</i> , 2010, 408, 5423-5428.	3.9	41
317	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. <i>Polar Biology</i> , 2013, 36, 1525-1529.	0.5	41
318	Legacy and current-use brominated flame retardants in the Barn Owl. <i>Science of the Total Environment</i> , 2014, 472, 454-462.	3.9	41
319	Endocrine actions of pesticides measured in the Flemish environment and health studies (FLEHS I and II). <i>Environmental Science & Technology</i> , 2014, 48, 10784-10791.	2.7	41
320	Urinary phthalate metabolites are associated with insulin resistance in obese subjects. <i>Environmental Research</i> , 2015, 137, 419-423.	3.7	41
321	Seasonal and Particle Size-Dependent Variations of Hexabromocyclododecanes in Settled Dust: Implications for Sampling. <i>Environmental Science & Technology</i> , 2015, 49, 11151-11157.	4.6	41
322	Exposure to Environmental Pollutants and Their Association with Biomarkers of Aging: A Multipollutant Approach. <i>Environmental Science & Technology</i> , 2019, 53, 5966-5976.	4.6	41
323	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.	5.8	41
324	The relation between levels of selected PCB congeners in human serum and follicular fluid. <i>Chemosphere</i> , 1999, 39, 2433-2441.	4.2	40

#	ARTICLE	IF	CITATIONS
325	Experimental evaluation of the usefulness of feathers as a non-destructive biomonitor for polychlorinated biphenyls (PCBs) using silastic implants as a novel method of exposure. <i>Environment International</i> , 2007, 33, 257-264.	4.8	40
326	Endocrine disruptors and female fertility: Focus on (bovine) ovarian follicular physiology. <i>Theriogenology</i> , 2012, 78, 1887-1900.	0.9	40
327	White-tailed eagle (<i>Haliaeetus albicilla</i>) feathers from Norway are suitable for monitoring of legacy, but not emerging contaminants. <i>Science of the Total Environment</i> , 2019, 647, 525-533.	3.9	40
328	Determinants of persistent organic pollutant (POP) concentrations in human breast milk of a cross-sectional sample of primiparous mothers in Belgium. <i>Environment International</i> , 2019, 131, 104979.	4.8	40
329	Mothers and children are related, even in exposure to chemicals present in common consumer products. <i>Environmental Research</i> , 2019, 175, 297-307.	3.7	40
330	Expression of Obesity Markers and Persistent Organic Pollutants Levels in Adipose Tissue of Obese Patients: Reinforcing the Obesogen Hypothesis?. <i>PLoS ONE</i> , 2014, 9, e84816.	1.1	39
331	Assessment of persistent brominated and chlorinated organic contaminants in the European eel (<i>Anguilla anguilla</i>) in Flanders, Belgium: Levels, profiles and health risk. <i>Science of the Total Environment</i> , 2014, 482-483, 222-233.	3.9	39
332	A high throughput passive dosing format for the Fish Embryo Acute Toxicity test. <i>Chemosphere</i> , 2015, 139, 9-17.	4.2	39
333	New approach for assessing human perfluoroalkyl exposure via hair. <i>Talanta</i> , 2015, 144, 574-583.	2.9	39
334	Targeted and non-target screening of persistent organic pollutants and organophosphorus flame retardants in leachate and sediment from landfill sites in Gauteng Province, South Africa. <i>Science of the Total Environment</i> , 2019, 653, 1231-1239.	3.9	39
335	Distribution of methyl sulfone metabolites of polychlorinated biphenyls and p,p'-DDE in human tissues.. <i>Environmental Health Perspectives</i> , 2003, 111, 1222-1227.	2.8	38
336	Variation, levels and profiles of organochlorines and brominated flame retardants in great tit (<i>Parus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 International, 2008, 34, 155-161.	4.8	38
337	Physiologically Based Pharmacokinetic (PBPK) Models for Lifetime Exposure to PCB 153 in Male and Female Harbor Porpoises (<i>Phocoena phocoena</i>): Model Development and Evaluation. <i>Environmental Science & Technology</i> , 2010, 44, 7023-7030.	4.6	38
338	Assessing levels of halogenated organic compounds in mass-stranded long-finned pilot whales (<i>Globicephala melas</i>) from Australia. <i>Science of the Total Environment</i> , 2013, 461-462, 117-125.	3.9	38
339	Factors Influencing the Bioaccumulation of Persistent Organic Pollutants in Food Webs of the Scheldt Estuary. <i>Environmental Science & Technology</i> , 2013, 47, 11221-11231.	4.6	38
340	Hair ethyl glucuronide as a biomarker of alcohol consumption in alcohol-dependent patients: Role of gender differences. <i>Drug and Alcohol Dependence</i> , 2014, 141, 163-166.	1.6	38
341	Stereoselective Metabolism of $\hat{1}\pm$, $\hat{1}^2$, and $\hat{1}^3$ -Hexabromocyclododecanes (HBCDs) by Human Liver Microsomes and CYP3A4. <i>Environmental Science & Technology</i> , 2016, 50, 8263-8273.	4.6	38
342	Method development for assessing the human exposure to organophosphate flame retardants in hair and nails. <i>Chemosphere</i> , 2017, 168, 692-698.	4.2	38

#	ARTICLE	IF	CITATIONS
343	Distribution and bioaccumulation of POPs and mercury in the Ga-Selati River (South Africa) and the rivers GudbrandsdalsÅygen and Rena (Norway). <i>Environment International</i> , 2018, 121, 1319-1330.	4.8	38
344	Occurrence of organochlorine pesticides and polychlorinated biphenyls in sediment and fish in Cau Hai lagoon of Central Vietnam: Human health risk assessment. <i>Marine Pollution Bulletin</i> , 2019, 141, 521-528.	2.3	38
345	Single step clean-up and GC-MS quantification of organochlorine pesticide residues in spice powder. <i>Chromatographia</i> , 2000, 52, 787-790.	0.7	37
346	Flame Retardant Chemicals in College Dormitories: Flammability Standards Influence Dust Concentrations. <i>Environmental Science & Technology</i> , 2017, 51, 4860-4869.	4.6	37
347	Neonatal exposure to environmental pollutants and placental mitochondrial DNA content: A multi-pollutant approach. <i>Environment International</i> , 2017, 106, 60-68.	4.8	37
348	Trimester-specific effects of maternal exposure to organophosphate flame retardants on offspring size at birth: A prospective cohort study in China. <i>Journal of Hazardous Materials</i> , 2021, 406, 124754.	6.5	37
349	Persistent organochlorine pollutants in human serum of 50-65 years old women in the Flanders Environmental and Health Study (FLEHS). Part 2: correlations among PCBs, PCDD/PCDFs and the use of predictive markers. <i>Chemosphere</i> , 2002, 48, 827-832.	4.2	36
350	Accumulation and tissue distribution of selected polychlorinated biphenyl congeners in chickens. <i>Chemosphere</i> , 2004, 57, 61-66.	4.2	36
351	The use of blue tit eggs as a biomonitoring tool for organohalogenated pollutants in the European environment. <i>Science of the Total Environment</i> , 2010, 408, 1451-1457.	3.9	36
352	Advances in the sample preparation of brominated flame retardants and other brominated compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 189-203.	5.8	36
353	Ultrasound leaching- dispersive liquid-liquid microextraction based on solidification of floating organic droplet for determination of polybrominated diphenyl ethers in sediment samples by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1285, 15-21.	1.8	36
354	Qualitative screening of new psychoactive substances in pooled urine samples from Belgium and United Kingdom. <i>Science of the Total Environment</i> , 2016, 573, 1527-1535.	3.9	36
355	Occurrence of selected halogenated flame retardants in Belgian foodstuff. <i>Chemosphere</i> , 2018, 194, 256-265.	4.2	36
356	Simultaneous biomonitoring of 15 organophosphate flame retardants metabolites in urine samples by solvent induced phase transition extraction coupled with ultra-performance liquid chromatography-tandem mass spectrometry. <i>Chemosphere</i> , 2019, 233, 724-732.	4.2	36
357	PBDEs in marine and freshwater sediments from Belgium: levels, profiles and relations with biota. <i>Journal of Environmental Monitoring</i> , 2004, 6, 914.	2.1	35
358	What can we learn from monitoring PCBs in the European eel? A Belgian experience. <i>Environment International</i> , 2011, 37, 354-364.	4.8	35
359	Insulin Resistance and Environmental Pollutants: Experimental Evidence and Future Perspectives. <i>Environmental Health Perspectives</i> , 2013, 121, 1273-1281.	2.8	35
360	Monitoring chlorinated persistent organic pollutants in adolescents in Flanders (Belgium): Concentrations, trends and dose-effect relationships (FLEHS II). <i>Environment International</i> , 2014, 71, 20-28.	4.8	35

#	ARTICLE	IF	CITATIONS
361	Identification of substances migrating from plastic baby bottles using a combination of low-resolution and high-resolution mass spectrometric analysers coupled to gas and liquid chromatography. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1234-1244.	0.7	35
362	Liquid chromatography-quadrupole time-of-flight mass spectrometry for screening in vitro drug metabolites in humans: investigation on seven phenethylamine-based designer drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 355-375.	1.4	35
363	Levels and profiles of brominated and chlorinated contaminants in human breast milk from Thessaloniki, Greece. <i>Science of the Total Environment</i> , 2016, 539, 350-358.	3.9	35
364	Sampling strategy for estimating human exposure pathways to consumer chemicals. <i>Emerging Contaminants</i> , 2016, 2, 26-36.	2.2	35
365	Environmental exposure to human carcinogens in teenagers and the association with DNA damage. <i>Environmental Research</i> , 2017, 152, 165-174.	3.7	35
366	Occurrence, biomagnification and maternal transfer of legacy and emerging organophosphorus flame retardants and plasticizers in water snake from an e-waste site. <i>Environment International</i> , 2019, 133, 105240.	4.8	35
367	Prenatal exposure to halogenated, aryl, and alkyl organophosphate esters and child neurodevelopment at two years of age. <i>Journal of Hazardous Materials</i> , 2021, 408, 124856.	6.5	35
368	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 2. Biomagnification in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 445-451.	3.7	34
369	Occurrence of anthropogenic and naturally-produced organohalogenated compounds in tissues of Black Sea harbour porpoises. <i>Marine Pollution Bulletin</i> , 2010, 60, 725-731.	2.3	34
370	Seasonal Bioaccumulation of Organohalogenes in Tigerfish, <i>Hydrocynus vittatus</i> Castelnau, from Lake Pongolapoort, South Africa. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 277-282.	1.3	34
371	Ion Mobility-High-Resolution Mass Spectrometry (IM-HRMS) for the Analysis of Contaminants of Emerging Concern (CECs): Database Compilation and Application to Urine Samples. <i>Analytical Chemistry</i> , 2021, 93, 6428-6436.	3.2	34
372	Analytical methods for selected emerging contaminants in human matrices—a review. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2555-2581.	1.9	33
373	Plasma concentrations of organohalogenated pollutants in predatory bird nestlings: Associations to growth rate and dietary tracers. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2520-2527.	2.2	33
374	Metabolomics profiling of steatosis progression in HepaRG [®] cells using sodium valproate. <i>Toxicology Letters</i> , 2018, 286, 22-30.	0.4	33
375	Urinary metabolites of organophosphate esters and implications for exposure pathways in adolescents from Eastern China. <i>Science of the Total Environment</i> , 2019, 695, 133894.	3.9	33
376	Between- and within-individual variability of urinary phthalate and alternative plasticizer metabolites in spot, morning void and 24-h pooled urine samples. <i>Environmental Research</i> , 2020, 191, 110248.	3.7	33
377	Short- and Medium-Chain Chlorinated Paraffins in Polyvinylchloride and Rubber Consumer Products and Toys Purchased on the Belgian Market. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1069.	1.2	33
378	Low-pressure gas chromatography: Recent trends and developments. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 291-303.	5.8	32

#	ARTICLE	IF	CITATIONS
379	Gas chromatography–ion trap tandem mass spectrometry method for the analysis of methoxylated polybrominated diphenyl ethers in fish. <i>Journal of Chromatography A</i> , 2010, 1217, 5253-5260.	1.8	32
380	Biotransformation of three phosphate flame retardants and plasticizers in primary human hepatocytes: untargeted metabolite screening and quantitative assessment. <i>Journal of Applied Toxicology</i> , 2016, 36, 1401-1408.	1.4	32
381	Organophosphate ester flame retardants and plasticizers in a Chinese population: Significance of hydroxylated metabolites and implication for human exposure. <i>Environmental Pollution</i> , 2020, 257, 113633.	3.7	32
382	Occurrence of organochlorine pesticides and polychlorinated biphenyls in soils and sediments from Eastern Romania. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 833-842.	1.8	31
383	Predatory Bird Species Show Different Patterns of Hydroxylated Polychlorinated Biphenyls (HO-PCBs) and Polychlorinated Biphenyls (PCBs). <i>Environmental Science & Technology</i> , 2008, 42, 3465-3471.	4.6	31
384	Effects of polychlorobiphenyls, polybromodiphenylethers, organochlorine pesticides and their metabolites on vitamin A status in lactating grey seals. <i>Environmental Research</i> , 2013, 120, 18-26.	3.7	31
385	Levels and profiles of chlorinated and brominated contaminants in Southern Hemisphere humpback whales, <i>Megaptera novaeangliae</i> . <i>Environmental Research</i> , 2015, 138, 49-57.	3.7	31
386	Metabolomics analysis of the toxicity pathways of triphenyl phosphate in HepaRG cells and comparison to oxidative stress mechanisms caused by acetaminophen. <i>Toxicology in Vitro</i> , 2015, 29, 2045-2054.	1.1	31
387	Influence of repeated permanent coloring and bleaching on ethyl glucuronide concentrations in hair from alcohol-dependent patients. <i>Forensic Science International</i> , 2015, 247, 18-22.	1.3	31
388	High levels of mercury and low levels of persistent organic pollutants in a tropical seabird in French Guiana, the Magnificent frigatebird, <i>Fregata magnificens</i> . <i>Environmental Pollution</i> , 2016, 214, 384-393.	3.7	31
389	A novel high sensitivity UPLC-MS/MS method for the evaluation of bisphenol A leaching from dental materials. <i>Scientific Reports</i> , 2018, 8, 6981.	1.6	31
390	Qualitative analysis of dental material ingredients, composite resins and sealants using liquid chromatography coupled to quadrupole time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1576, 90-100.	1.8	31
391	Development and validation of an analytical procedure to detect spatio-temporal differences in antidepressant use through a wastewater-based approach. <i>Talanta</i> , 2019, 200, 340-349.	2.9	31
392	Photochemical degradation of BPF, BPS and BPZ in aqueous solution: Identification of transformation products and degradation kinetics. <i>Science of the Total Environment</i> , 2019, 664, 595-604.	3.9	31
393	A screening of persistent organohalogenated contaminants in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , 2010, 408, 5613-5618.	3.9	30
394	Thyroid dysfunction in sea bass (<i>Dicentrarchus labrax</i>): Underlying mechanisms and effects of polychlorinated biphenyls on thyroid hormone physiology and metabolism. <i>Aquatic Toxicology</i> , 2011, 105, 438-447.	1.9	30
395	Development of a broad spectrum method for measuring flame retardants—Overcoming the challenges of non-invasive human biomonitoring studies. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6665-6675.	1.9	30
396	Mobilisation of lipophilic pollutants from blubber in northern elephant seal pups (<i>Mirounga</i>)	3.7	30

#	ARTICLE	IF	CITATIONS
397	Ultrasound assisted extraction combined with dispersive liquid-liquid microextraction (US-DLLME)â€”a fast new approach to measure phthalate metabolites in nails. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6169-6180.	1.9	30
398	First evaluation of the use of down feathers for monitoring persistent organic pollutants and organophosphate ester flame retardants: A pilot study using nestlings of the endangered cinereous vulture (<i>Aegypius monachus</i>). <i>Environmental Pollution</i> , 2018, 238, 413-420.	3.7	30
399	Plasma concentrations of organohalogenated contaminants in white-tailed eagle nestlings â€” The role of age and diet. <i>Environmental Pollution</i> , 2019, 246, 527-534.	3.7	30
400	The distribution of octachlorostyrene (OCS) in environmental samples from Europe. <i>Journal of Environmental Monitoring</i> , 2003, 5, 619.	2.1	29
401	Quadrupole-â€”flight mass spectrometry screening for synthetic cannabinoids in herbal blends. <i>Journal of Mass Spectrometry</i> , 2013, 48, 685-694.	0.7	29
402	Gas chromatographic determination of ethyl glucuronide in hair: Comparison between tandem mass spectrometry and single quadrupole mass spectrometry. <i>Forensic Science International</i> , 2015, 249, 20-24.	1.3	29
403	Bioaccumulation of organohalogenated compounds in sharks and rays from the southeastern USA. <i>Environmental Research</i> , 2015, 137, 199-207.	3.7	29
404	A comparison between wastewater-based drug data and an illicit drug use survey in a selected community. <i>International Journal of Drug Policy</i> , 2016, 34, 20-26.	1.6	29
405	Transplacental transfer of organochlorine pesticides: Concentration ratio and chiral properties. <i>Environment International</i> , 2019, 130, 104939.	4.8	29
406	An annotation database for chemicals of emerging concern in exposome research. <i>Environment International</i> , 2021, 152, 106511.	4.8	29
407	Anthropogenic and naturally-produced organobrominated compounds in bluefin tuna from the Mediterranean Sea. <i>Chemosphere</i> , 2009, 76, 1477-1482.	4.2	28
408	Analytical characterization of mannosylerythritol lipid biosurfactants produced by biosynthesis based on feedstock sources from the agrofood industry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1263-1275.	1.9	28
409	Ecological and spatial factors drive intra- and interspecific variation in exposure of subarctic predatory bird nestlings to persistent organic pollutants. <i>Environment International</i> , 2013, 57-58, 25-33.	4.8	28
410	Application of Bayesian Population Physiologically Based Pharmacokinetic (PBPK) Modeling and Markov Chain Monte Carlo Simulations to Pesticide Kinetics Studies in Protected Marine Mammals: DDT, DDE, and DDD in Harbor Porpoises. <i>Environmental Science & Technology</i> , 2013, 47, 4365-4374.	4.6	28
411	Pivotal Role for the Visceral Fat Compartment in the Release of Persistent Organic Pollutants During Weight Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4463-4471.	1.8	28
412	Determination of halogenated flame retardants in food: Optimization and validation of a method based on a two-step clean-up and gas chromatography-â€”mass spectrometry. <i>Food Control</i> , 2016, 65, 168-176.	2.8	28
413	Oxidative stress responses in relationship to persistent organic pollutant levels in feathers and blood of two predatory bird species from Pakistan. <i>Science of the Total Environment</i> , 2017, 580, 26-33.	3.9	28
414	Novel Wastewater-Based Epidemiology Approach Based on Liquid Chromatography-â€”Tandem Mass Spectrometry for Assessing Population Exposure to Tobacco-Specific Toxicants and Carcinogens. <i>Analytical Chemistry</i> , 2017, 89, 9268-9278.	3.2	28

#	ARTICLE	IF	CITATIONS
415	In vitro Phase I and Phase II metabolism of the new designer benzodiazepine cloniprazepam using liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 158-167.	1.4	28
416	Development and validation of a bioanalytical assay based on liquid chromatography-tandem mass spectrometry for measuring biomarkers of exposure of alternative plasticizers in human urine and serum. <i>Talanta</i> , 2019, 198, 230-236.	2.9	28
417	Suspect screening analysis in house dust from Belgium using high resolution mass spectrometry; prioritization list and newly identified chemicals. <i>Chemosphere</i> , 2021, 263, 127817.	4.2	28
418	Determinants of exposure levels of bisphenols in Flemish adolescents. <i>Environmental Research</i> , 2021, 193, 110567.	3.7	28
419	An exploratory approach for an oriented development of an untargeted hydrophilic interaction liquid chromatography-mass spectrometry platform for polar metabolites in biological matrices. <i>Journal of Chromatography A</i> , 2021, 1637, 461807.	1.8	28
420	Exposure levels, determinants and risk assessment of organophosphate flame retardants and plasticizers in adolescents (14-15 years) from the Flemish Environment and Health Study. <i>Environment International</i> , 2021, 147, 106368.	4.8	28
421	Biomarkers of phthalates and alternative plasticizers in the Flemish Environment and Health Study (FLEHS IV): Time trends and exposure assessment. <i>Environmental Pollution</i> , 2021, 276, 116724.	3.7	28
422	Levels and Enantiomeric Signatures of Methyl Sulfonyl PCB and DDE Metabolites in Livers of Harbor Porpoises (<i>Phocoena phocoena</i>) from the Southern North Sea. <i>Environmental Science & Technology</i> , 2003, 37, 4573-4578.	4.6	27
423	The influence of the body mass index (BMI) on the volume of distribution of ethanol. <i>Forensic Science International</i> , 2014, 243, 74-78.	1.3	27
424	In vitro metabolism of BDE-47, BDE-99, and 1,2-, 1,2,3-HBCD isomers by chicken liver microsomes. <i>Environmental Research</i> , 2015, 143, 221-228.	3.7	27
425	Phenotypic and biomarker evaluation of zebrafish larvae as an alternative model to predict mammalian hepatotoxicity. <i>Journal of Applied Toxicology</i> , 2016, 36, 1194-1206.	1.4	27
426	Neurodevelopmental toxicity assessment of flame retardants using a human DNT in vitro testing battery. <i>Cell Biology and Toxicology</i> , 2022, 38, 781-807.	2.4	27
427	Application of wastewater-based epidemiology to investigate stimulant drug, alcohol and tobacco use in Lithuanian communities. <i>Science of the Total Environment</i> , 2021, 777, 145914.	3.9	27
428	A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. <i>Environmental Science and Technology Letters</i> , 2022, 9, 57-63.	3.9	27
429	Determination of melatonin in pharmaceutical formulations and human plasma by gas chromatography-electron impact mass spectrometry. <i>Journal of Chromatography B</i> , 1999, 13, 431-436.		26
430	Determination of persistent organohalogenated pollutants in human hair reference material (BCR) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.9	26
431	Current Exposure to Persistent Polychlorinated Biphenyls (PCBs) and Dichlorodiphenyldichloroethylene (p,p'-DDE) of Belgian Students from Food and Dust. <i>Environmental Science & Technology</i> , 2010, 44, 2870-2875.	4.6	26
432	Detecting genome-wide gene transcription profiles associated with high pollution burden in the critically endangered European eel. <i>Aquatic Toxicology</i> , 2013, 132-133, 157-164.	1.9	26

#	ARTICLE	IF	CITATIONS
433	Novel and legacy flame retardants in paired human fingernails and indoor dust samples. <i>Environment International</i> , 2019, 133, 105227.	4.8	26
434	Simultaneous determination of legacy and emerging organophosphorus flame retardants and plasticizers in indoor dust using liquid and gas chromatography-tandem mass spectrometry: method development, validation, and application. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7015-7025.	1.9	26
435	Current-use of developers in thermal paper from 14 countries using liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Toxicology</i> , 2019, 416, 54-61.	2.0	26
436	Occurrence of Selected Organic Contaminants in Edible Insects and Assessment of Their Chemical Safety. <i>Environmental Health Perspectives</i> , 2019, 127, 127009.	2.8	26
437	Temporal trends of legacy organochlorines in different white-tailed eagle (<i>Haliaeetus albicilla</i>) subpopulations: A retrospective investigation using archived feathers. <i>Environment International</i> , 2020, 138, 105618.	4.8	26
438	Combined exposure to phthalate esters and phosphate flame retardants and plasticizers and their associations with wheeze and allergy symptoms among school children. <i>Environmental Research</i> , 2020, 183, 109212.	3.7	26
439	GENOTOXICITY IN WOOD MICE (<i>APODEMUS SYLVATICUS</i>) ALONG A POLLUTION GRADIENT: EXPOSURE-, AGE-, AND GENDER-RELATED EFFECTS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2154.	2.2	25
440	Comprehensive characterisation of flame retardants in textile furnishings by ambient high resolution mass spectrometry, gas chromatography-mass spectrometry and environmental forensic microscopy. <i>Environmental Research</i> , 2015, 142, 712-719.	3.7	25
441	Screening of endocrine activity of compounds migrating from plastic baby bottles using a multi-receptor panel of in vitro bioassays. <i>Toxicology in Vitro</i> , 2016, 37, 121-133.	1.1	25
442	Contrasted accumulation patterns of persistent organic pollutants and mercury in sympatric tropical dolphins from the south-western Indian Ocean. <i>Environmental Research</i> , 2016, 146, 263-273.	3.7	25
443	Ethyl glucuronide in keratinous matrices as biomarker of alcohol use: A correlation study between hair and nails. <i>Forensic Science International</i> , 2017, 279, 187-191.	1.3	25
444	Exposure to organophosphate flame retardants of hotel room attendants in Wuhan City, China. <i>Environmental Pollution</i> , 2018, 236, 626-633.	3.7	25
445	Integrated exposure assessment of northern goshawk (<i>Accipiter gentilis</i>) nestlings to legacy and emerging organic pollutants using non-destructive samples. <i>Environmental Research</i> , 2019, 178, 108678.	3.7	25
446	Determination of selected persistent organochlorine pollutants in human milk using solid phase disk extraction and narrow bore capillary GC-MS. <i>Chromatographia</i> , 2001, 54, 247-252.	0.7	24
447	Analytical characteristics of several new brominated flame retardants. <i>Talanta</i> , 2010, 81, 1865-1869.	2.9	24
448	Pollutant exposure in green and hawksbill marine turtles from the Caribbean region. <i>Regional Studies in Marine Science</i> , 2015, 2, 158-170.	0.4	24
449	Linking pollutant exposure of humpback whales breeding in the Indian Ocean to their feeding habits and feeding areas off Antarctica. <i>Environmental Pollution</i> , 2017, 220, 1090-1099.	3.7	24
450	Preliminary study on the distribution of metals and persistent organic pollutants (POPs), including perfluoroalkylated acids (PFAS), in the aquatic environment near Morogoro, Tanzania, and the potential health risks for humans. <i>Environmental Research</i> , 2021, 192, 110299.	3.7	24

#	ARTICLE	IF	CITATIONS
451	Capillary gc-ms determination of melatonin in several pharmaceutical tablet formulations. <i>Biomedical Chromatography</i> , 1999, 13, 24-26.	0.8	23
452	Interspecific differences in concentrations and congener profiles of chlorinated and brominated organic pollutants in three insectivorous bird species. <i>Environment International</i> , 2009, 35, 369-375.	4.8	23
453	A straightforward, validated liquid chromatography coupled to tandem mass spectrometry method for the simultaneous detection of nine drugs of abuse and their metabolites in hair and nails. <i>Analytica Chimica Acta</i> , 2017, 960, 101-109.	2.6	23
454	Trophic ecology drives contaminant concentrations within a tropical seabird community. <i>Environmental Pollution</i> , 2017, 227, 183-193.	3.7	23
455	Biotransformation of 8:2 polyfluoroalkyl phosphate diester in gilthead bream (<i>Sparus aurata</i>). <i>Science of the Total Environment</i> , 2017, 609, 1085-1092.	3.9	23
456	Short-term temporal variability of urinary biomarkers of organophosphate flame retardants and plasticizers. <i>Environment International</i> , 2021, 146, 106147.	4.8	23
457	Bisphenol A as degradation product of monomers used in resin-based dental materials. <i>Dental Materials</i> , 2021, 37, 1020-1029.	1.6	23
458	UPTAKE AND TISSUE-SPECIFIC DISTRIBUTION OF SELECTED POLYCHLORINATED BIPHENYLS IN DEVELOPING CHICKEN EMBRYOS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 597.	2.2	22
459	Comprehensive two-dimensional gas chromatography–time-of-flight mass spectrometry for the identification of organobrominated compounds in bluefin tuna. <i>Journal of Chromatography A</i> , 2011, 1218, 6995-7002.	1.8	22
460	Keratinous matrices for the assessment of drugs of abuse consumption: A correlation study between hair and nails. <i>Drug Testing and Analysis</i> , 2018, 10, 1110-1118.	1.6	22
461	A novel active-passive sampling approach for measuring time-averaged concentrations of pollutants in water. <i>Chemosphere</i> , 2018, 209, 363-372.	4.2	22
462	Occurrence of organophosphorus flame retardants and plasticizers in wild insects from a former e-waste recycling site in the Guangdong province, South China. <i>Science of the Total Environment</i> , 2019, 650, 709-712.	3.9	22
463	The migration of bisphenols from beverage cans and reusable sports bottles. <i>Food Chemistry</i> , 2020, 331, 127326.	4.2	22
464	Development of an analytical method based on solid-phase extraction and LC-MS/MS for the monitoring of current-use pesticides and their metabolites in human urine. <i>Journal of Environmental Sciences</i> , 2022, 111, 153-163.	3.2	22
465	Simplifying multi-residue analysis of flame retardants in indoor dust. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1074-1083.	1.8	21
466	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals (<i>Pusa hispida</i>). <i>Environmental Research</i> , 2016, 151, 244-250.	3.7	21
467	Use of feathers to assess polychlorinated biphenyl and organochlorine pesticide exposure in top predatory bird species of Pakistan. <i>Science of the Total Environment</i> , 2016, 569-570, 1408-1417.	3.9	21
468	Xenobiotic and Immune-Relevant Molecular Biomarkers in Harbor Seals as Proxies for Pollutant Burden and Effects. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 106-120.	2.1	21

#	ARTICLE	IF	CITATIONS
469	Metabolites of phosphate flame retardants and alternative plasticizers in urine from intensive care patients. <i>Chemosphere</i> , 2019, 233, 590-596.	4.2	21
470	Developmental circulatory failure caused by metabolites of organophosphorus flame retardants in zebrafish, <i>Danio rerio</i> . <i>Chemosphere</i> , 2020, 246, 125738.	4.2	21
471	Prenatal exposure to organophosphate esters and neonatal thyroid-stimulating hormone levels: A birth cohort study in Wuhan, China. <i>Environment International</i> , 2021, 156, 106640.	4.8	21
472	Occurrence and contamination profile of legacy and emerging per- and polyfluoroalkyl substances (PFAS) in Belgian wastewater using target, suspect and non-target screening approaches. <i>Journal of Hazardous Materials</i> , 2022, 437, 129378.	6.5	21
473	Enantiomeric signatures of chiral polychlorinated biphenyl atropisomers in livers of harbour porpoises (<i>Phocoena phocoena</i>) from the southern North Sea. <i>Journal of Environmental Monitoring</i> , 2003, 5, 521.	2.1	20
474	NONDESTRUCTIVE POLLUTION EXPOSURE ASSESSMENT IN THE EUROPEAN HEDGEHOG (<i>ERINACEUS</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T CONCENTRATIONS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 158.	2.2	20
475	Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. <i>Ecology and Evolution</i> , 2013, 3, 5157-5166.	0.8	20
476	Lipophilicity of PCBs and fatty acids determines their mobilisation from blubber of weaned northern elephant seal pups. <i>Science of the Total Environment</i> , 2016, 541, 599-602.	3.9	20
477	Endocrine-disrupting polychlorinated biphenyls in metabolically healthy and unhealthy obese subjects before and after weight loss: difference at the start but not at the finish. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 989-998.	2.2	20
478	Tailored liquid chromatographyâ€“mass spectrometry analysis improves the coverage of the intracellular metabolome of HepaRG cells. <i>Journal of Chromatography A</i> , 2017, 1487, 168-178.	1.8	20
479	Early-life exposure to multiple persistent organic pollutants and metals and birth weight: Pooled analysis in four Flemish birth cohorts. <i>Environment International</i> , 2020, 145, 106149.	4.8	20
480	Enantioselective disposition and metabolic products of isofenphos-methyl in rats and the hepatotoxic effects. <i>Environment International</i> , 2020, 143, 105940.	4.8	20
481	Persistent chlorinated pesticides in fish and cattle fat and their implications for human serum concentrations from the Sene-Gambian region. <i>Journal of Environmental Monitoring</i> , 2002, 4, 609.	2.1	19
482	Endocrine disrupting, haematological and biochemical effects of polybrominated diphenyl ethers in a terrestrial songbird, the European starling (<i>Sturnus vulgaris</i>). <i>Science of the Total Environment</i> , 2010, 408, 6142-6147.	3.9	19
483	A non-invasive approach to study lifetime exposure and bioaccumulation of PCBs in protected marine mammals: PBPK modeling in harbor porpoises. <i>Toxicology and Applied Pharmacology</i> , 2011, 256, 136-145.	1.3	19
484	Evaluation of the potential health risks of substances migrating from polycarbonate replacement baby bottles. <i>Food and Chemical Toxicology</i> , 2016, 97, 108-119.	1.8	19
485	Investigation of the genotoxicity of substances migrating from polycarbonate replacement baby bottles to identify chemicals of high concern. <i>Food and Chemical Toxicology</i> , 2016, 89, 126-137.	1.8	19
486	Identification of in vitro metabolites of ethylphenidate by liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 474-484.	1.4	19

#	ARTICLE	IF	CITATIONS
487	Implications of biological factors on accumulation of persistent organic pollutants in Antarctic notothenioid fish. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 630-639.	2.9	19
488	In-vitro metabolomics to evaluate toxicity of particulate matter under environmentally realistic conditions. <i>Chemosphere</i> , 2018, 209, 137-146.	4.2	19
489	Kinetics and biotransformation products of bisphenol F and S during aerobic degradation with activated sludge. <i>Journal of Hazardous Materials</i> , 2021, 404, 124079.	6.5	19
490	Analytical method for the simultaneous determination of a broad range of opioids in influent wastewater: Optimization, validation and applicability to monitor consumption patterns. <i>Talanta</i> , 2021, 232, 122443.	2.9	19
491	Prenatal Exposure to Emerging Plasticizers and Synthetic Antioxidants and Their Potency to Cross Human Placenta. <i>Environmental Science & Technology</i> , 2022, 56, 8507-8517.	4.6	19
492	Human hydroxylated metabolites of BDE-47 and BDE-99 are glucuronidated and sulfated in vitro. <i>Toxicology Letters</i> , 2015, 236, 98-109.	0.4	18
493	Profiles and changes in stimulant use in Belgium in the period of 2011â€“2015. <i>Science of the Total Environment</i> , 2016, 565, 1011-1019.	3.9	18
494	Dynamics of persistent organic pollutants in obese adolescents during weight loss. <i>Environment International</i> , 2018, 110, 80-87.	4.8	18
495	Identification of chemicals of emerging concern in urine of Flemish adolescents using a new suspect screening workflow for LC-QTOF-MS. <i>Chemosphere</i> , 2021, 280, 130683.	4.2	18
496	Optimization of a liquid chromatography-ion mobility-high resolution mass spectrometry platform for untargeted lipidomics and application to HepaRG cell extracts. <i>Talanta</i> , 2021, 235, 122808.	2.9	18
497	Mass spectrometric detection in narrow-bore (0.10 mm I.D.) capillary chromatography. <i>Journal of Chromatography A</i> , 2001, 923, 287-293.	1.8	17
498	Non-destructive pollution exposure assessment in the European hedgehog (<i>Erinaceus europaeus</i>): IV. Hair versus soil analysis in exposure and risk assessment of organochlorine compounds. <i>Environmental Pollution</i> , 2007, 145, 861-868.	3.7	17
499	Investigation of source apportioning for Î±-HCH using enantioselective analysis. <i>Environment International</i> , 2010, 36, 316-322.	4.8	17
500	Computational toxicology: Physiologically based pharmacokinetic models (PBPK) for lifetime exposure and bioaccumulation of polybrominated diphenyl ethers (PBDEs) in marine mammals. <i>Environmental Pollution</i> , 2012, 163, 134-141.	3.7	17
501	Influence of suspended particles on the emission of organophosphate flame retardant from insulation boards. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17183-17190.	2.7	17
502	Oxidative metabolism of BDE-47, BDE-99, and HBCDs by cat liver microsomes: Implications of cats as sentinel species to monitor human exposure to environmental pollutants. <i>Chemosphere</i> , 2016, 151, 30-36.	4.2	17
503	Screening for illicit drugs in pooled human urine and urinated soil samples and studies on the stability of urinary excretion products of cocaine, MDMA, and MDEA in wastewater by hyphenated mass spectrometry techniques. <i>Drug Testing and Analysis</i> , 2017, 9, 106-114.	1.6	17
504	Organohalogenated contaminants in plasma and eggs of rockhopper penguins: Does vitellogenin affect maternal transfer?. <i>Environmental Pollution</i> , 2017, 226, 277-287.	3.7	17

#	ARTICLE	IF	CITATIONS
505	Simultaneous determination of dechloranes, polybrominated diphenyl ethers and novel brominated flame retardants in food and serum. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4507-4515.	1.9	17
506	Investigating in-sewer transformation products formed from synthetic cathinones and phenethylamines using liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Science of the Total Environment</i> , 2018, 634, 331-340.	3.9	17
507	Suspect and Nontargeted Strategies to Investigate <i>in Vitro</i> Human Biotransformation Products of Emerging Environmental Contaminants: The Benzotriazoles. <i>Environmental Science & Technology</i> , 2019, 53, 10462-10469.	4.6	17
508	Suspect and non-target screening workflows to investigate the <i>in vitro</i> and <i>in vivo</i> metabolism of the synthetic cannabinoid 5Cl-THJ-018. <i>Drug Testing and Analysis</i> , 2019, 11, 479-491.	1.6	17
509	Concentrations and distribution of chlorinated paraffins in Belgian foods. <i>Environmental Pollution</i> , 2021, 291, 118236.	3.7	17
510	Recycling plastics containing decabromodiphenyl ether into new consumer products including children's toys purchased in Japan and seventeen other countries. <i>Chemosphere</i> , 2022, 289, 133179.	4.2	17
511	Organohalogenated contaminants in eggs of rockhopper penguins (<i>Eudyptes chrysocome</i>) and imperial shags (<i>Phalacrocorax atriceps</i>) from the Falkland Islands. <i>Science of the Total Environment</i> , 2011, 409, 2838-2844.	3.9	16
512	Methoxylated PBDEs (MeO-PBDEs), hydroxylated PBDEs (HO-PBDEs) and hydroxylated PCBs (HO-PCBs) in the liver of harbor seals from the northwest Atlantic. <i>Science of the Total Environment</i> , 2014, 493, 606-614.	3.9	16
513	Polychlorinated biphenyls still pose significant health risks to northwest Atlantic harbor seals. <i>Science of the Total Environment</i> , 2014, 490, 477-487.	3.9	16
514	Maternal transfer of organohalogenated compounds in sharks and stingrays. <i>Marine Pollution Bulletin</i> , 2015, 92, 59-68.	2.3	16
515	Ethyl glucuronide concentrations in hair: a controlled alcohol-dosing study in healthy volunteers. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2019-2025.	1.9	16
516	Are nails a valuable non-invasive alternative for estimating human exposure to phthalate esters?. <i>Environmental Research</i> , 2016, 151, 184-194.	3.7	16
517	Screening of additives in plastics with high resolution time-of-flight mass spectrometry and different ionization sources: direct probe injection (DIP)-APCI, LC-APCI, and LC-ion booster ESI. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2945-2953.	1.9	16
518	Probing the relationship between external and internal human exposure of organophosphate flame retardants using pharmacokinetic modelling. <i>Environmental Pollution</i> , 2017, 230, 550-560.	3.7	16
519	Influence of Body Mass Index on Hair Ethyl Glucuronide Concentrations. <i>Alcohol and Alcoholism</i> , 2017, 52, 19-23.	0.9	16
520	Concentrations of legacy persistent organic pollutants and naturally produced MeO-PBDEs in dugongs (<i>Dugong dugon</i>) from Moreton Bay, Australia. <i>Chemosphere</i> , 2019, 229, 500-508.	4.2	16
521	Investigating the <i>in vitro</i> metabolism of the dental resin monomers BisGMA, BisPMA, TCD-DI-HEA and UDMA using human liver microsomes and quadrupole time of flight mass spectrometry. <i>Toxicology</i> , 2019, 420, 1-10.	2.0	16
522	Temporal trends and determinants of PFR exposure in the Hokkaido Study. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 228, 113523.	2.1	16

#	ARTICLE	IF	CITATIONS
523	Automated Soxhlet Extraction and Single step Clean-Up for the Determination of Organochlorine Pesticides in Soil by GC-MS or GC-ECD. <i>International Journal of Environmental Analytical Chemistry</i> , 2001, 81, 25-39.	1.8	15
524	Relationships between in vitro lymphoproliferative responses and levels of contaminants in blood of free-ranging adult harbour seals (<i>Phoca vitulina</i>) from the North Sea. <i>Aquatic Toxicology</i> , 2013, 142-143, 210-220.	1.9	15
525	Metabolic targets of endocrine disrupting chemicals assessed by cord blood transcriptome profiling. <i>Reproductive Toxicology</i> , 2016, 65, 307-320.	1.3	15
526	Long-term exposure assessment to phthalates: How do nail analyses compare to commonly used measurements in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1036-1037, 124-135.	1.2	15
527	Levels of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) in raw wastewater as an innovative perspective for investigating population-wide exposure to third-hand smoke. <i>Scientific Reports</i> , 2018, 8, 13254.	1.6	15
528	Suspect and untargeted screening of bisphenol S metabolites produced by in vitro human liver metabolism. <i>Toxicology Letters</i> , 2018, 295, 115-123.	0.4	15
529	Wastewater Analysis for Community-Wide Drugs Use Assessment. <i>Handbook of Experimental Pharmacology</i> , 2018, 252, 543-566.	0.9	15
530	Using Expert Driven Machine Learning to Enhance Dynamic Metabolomics Data Analysis. <i>Metabolites</i> , 2019, 9, 54.	1.3	15
531	Influence of perfluoroalkyl acids and other parameters on circulating thyroid hormones and immune-related microRNA expression in free-ranging nestling peregrine falcons. <i>Science of the Total Environment</i> , 2021, 770, 145346.	3.9	15
532	Effect of abiotic factors and environmental concentrations on the bioaccumulation of persistent organic and inorganic compounds to freshwater fish and mussels. <i>Science of the Total Environment</i> , 2021, 799, 149448.	3.9	15
533	Internal exposure of Flemish teenagers to environmental pollutants: Results of the Flemish Environment and Health Study 2016-2020 (FLEHS IV). <i>International Journal of Hygiene and Environmental Health</i> , 2022, 242, 113972.	2.1	15
534	Effects of laying order and experimentally increased egg production on organic pollutants in eggs of a terrestrial songbird species, the great tit (<i>Parus major</i>). <i>Science of the Total Environment</i> , 2009, 407, 4764-4770.	3.9	14
535	Elucidating toxicological mechanisms of current flame retardants using a bacterial gene profiling assay. <i>Toxicology in Vitro</i> , 2015, 29, 2124-2132.	1.1	14
536	Organohalogenated contaminants in sediments and bivalves from the Northern Arabian Gulf. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 432-439.	2.9	14
537	Specific Triazine Herbicides Induce Amyloid- β 242 Production. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1593-1605.	1.2	14
538	Can variability in corticosterone levels be related to POPs and OPEs in feathers from nestling cinereous vultures (<i>Aegypius monachus</i>)?. <i>Science of the Total Environment</i> , 2019, 650, 184-192.	3.9	14
539	Supporting evidence for PCB pollution threatening global killer whale population. <i>Aquatic Toxicology</i> , 2019, 206, 102-104.	1.9	14
540	Hair as an alternative matrix to monitor human exposure to plasticizers - Development of a liquid chromatography - tandem mass spectrometry method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1104, 94-101.	1.2	14

#	ARTICLE	IF	CITATIONS
541	Transplacental transfer mechanism of organochlorine pesticides: An in vitro transcellular transport study. <i>Environment International</i> , 2020, 135, 105402.	4.8	14
542	From suspect screening to target analysis: Occurrence of six newly identified compounds in indoor dust from Belgium. <i>Environmental Research</i> , 2021, 197, 111193.	3.7	14
543	A Case of Aldicarb Poisoning: A Possible Murder Attempt. <i>Journal of Analytical Toxicology</i> , 1999, 23, 290-293.	1.7	13
544	Optimized separation and determination of methyl sulfone metabolites of polychlorinated biphenyls (PCBs) and p,p'-DDE in biota samples. <i>Analyst</i> , 2002, 127, 1621-1626.	1.7	13
545	Levels of persistent organic pollutants in larvae of the damselfly <i>Ischnura elegans</i> (Odonata). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> 423, 162-167.	3.9	13
546	Lifetime PCB 153 bioaccumulation and pharmacokinetics in pilot whales: Bayesian population PBPK modeling and Markov chain Monte Carlo simulations. <i>Chemosphere</i> , 2014, 94, 91-96.	4.2	13
547	Levels of PBDEs in plasma of juvenile starlings (<i>Sturnus vulgaris</i>) from British Columbia, Canada and assessment of PBDE metabolism by avian liver microsomes. <i>Science of the Total Environment</i> , 2015, 518-519, 31-37.	3.9	13
548	Hair ethyl glucuronide and serum carbohydrate deficient transferrin for the assessment of relapse in alcohol-dependent patients. <i>Clinical Biochemistry</i> , 2016, 49, 554-559.	0.8	13
549	Estimating uptake of phthalate ester metabolites into the human nail plate using pharmacokinetic modelling. <i>Environment International</i> , 2017, 100, 148-155.	4.8	13
550	Individual variation of persistent organic pollutants in relation to stable isotope ratios, sex, reproductive phase and oxidative status in Scopoli's shearwaters (<i>Calonectris diomedea</i>) from the Southern Mediterranean. <i>Science of the Total Environment</i> , 2017, 598, 179-187.	3.9	13
551	Levels and profiles of organohalogenated contaminants in human blood from Egypt. <i>Chemosphere</i> , 2017, 176, 266-272.	4.2	13
552	Case Study on Screening Emerging Pollutants in Urine and Nails. <i>Environmental Science & Technology</i> , 2017, 51, 4046-4053.	4.6	13
553	Mass spectrometric identification of in vitro-generated metabolites of two emerging organophosphate flame retardants: V6 and BDP. <i>Chemosphere</i> , 2018, 212, 1047-1057.	4.2	13
554	Occurrence of organochlorine compounds in fish from freshwater environments of the central Andes, Argentina. <i>Science of the Total Environment</i> , 2019, 693, 133389.	3.9	13
555	Quality assessment of escaping silver eel (<i>Anguilla anguilla</i> L.) to support management and conservation strategies in Mediterranean coastal lagoons. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 570.	1.3	13
556	Perfluoroalkyl acids and sulfonamides and dietary, biological and ecological associations in peregrine falcons from the Laurentian Great Lakes Basin, Canada. <i>Environmental Research</i> , 2020, 191, 110151.	3.7	13
557	Short-term variability of bisphenols in spot, morning void and 24-hour urine samples. <i>Environmental Pollution</i> , 2021, 268, 115747.	3.7	13
558	Occurrence, patterns, and sources of hazardous organic chemicals in edible insects and insect-based food from the Japanese market. <i>Food and Chemical Toxicology</i> , 2021, 154, 112311.	1.8	13

#	ARTICLE	IF	CITATIONS
559	Mass Spectrometry-Based Zebrafish Toxicometabolomics: A Review of Analytical and Data Quality Challenges. <i>Metabolites</i> , 2021, 11, 635.	1.3	13
560	A simple, rapid and accurate method for the sample preparation and quantification of meso- and microplastics in food and food waste streams. <i>Environmental Pollution</i> , 2022, 307, 119511.	3.7	13
561	Biotransformation of HBCD in Biological Systems Can Confound Temporal-Trend Studies. <i>Environmental Science & Technology</i> , 2011, 45, 364-365.	4.6	12
562	Accumulation capacity of primary cultures of adipocytes for PCB-126: Influence of cell differentiation stage and triglyceride levels. <i>Toxicology Letters</i> , 2012, 214, 243-250.	0.4	12
563	Combining Serum Carbohydrate-Deficient Transferrin and Hair Ethyl Glucuronide to Provide Optimal Information on Alcohol Use. <i>Clinical Chemistry</i> , 2014, 60, 1347-1348.	1.5	12
564	Bioaccumulation and Biotransformation of Brominated Flame Retardants. <i>Comprehensive Analytical Chemistry</i> , 2015, 67, 433-491.	0.7	12
565	Potential impact of sitagliptin on collagen-derived dipeptides in diabetic osteoporosis. <i>Pharmacological Research</i> , 2015, 100, 336-340.	3.1	12
566	Evaluation of the migration of chemicals from baby bottles under standardised and duration testing conditions. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 893-904.	1.1	12
567	Quantitative Determination of Migrating compounds from Plastic Baby Bottles by Validated GC-QqQ-MS and LC-QqQ-MS Methods. <i>Food Analytical Methods</i> , 2016, 9, 2600-2612.	1.3	12
568	Hair ethyl glucuronide concentrations in teetotalers: Should we re-evaluate the lower cut-off?. <i>Forensic Science International</i> , 2017, 274, 107-108.	1.3	12
569	The first exposure assessment of legacy and unrestricted brominated flame retardants in predatory birds of Pakistan. <i>Environmental Pollution</i> , 2017, 220, 1208-1219.	3.7	12
570	Interspecies comparison of the residue levels and profiles of persistent organic pollutants in terrestrial top predators. <i>Environmental Research</i> , 2020, 183, 109187.	3.7	12
571	Combined chemical exposure using exposure loads on human biomonitoring data of the 4th Flemish Environment and Health Study (FLEHS-4). <i>International Journal of Hygiene and Environmental Health</i> , 2021, 238, 113849.	2.1	12
572	Long-term elution of bisphenol A from dental composites. <i>Dental Materials</i> , 2021, 37, 1561-1568.	1.6	12
573	Identification strategies for flame retardants employing time-of-flight mass spectrometric detectors along with spectral and spectral-less databases. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1031-1038.	0.7	11
574	Deep-ocean foraging northern elephant seals bioaccumulate persistent organic pollutants. <i>Science of the Total Environment</i> , 2015, 533, 144-155.	3.9	11
575	Air sampling of flame retardants based on the use of mixed-bed sorption tubes—a validation study. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18221-18229.	2.7	11
576	A Preliminary Link between Hydroxylated Metabolites of Polychlorinated Biphenyls and Free Thyroxin in Humans. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 421.	1.2	11

#	ARTICLE	IF	CITATIONS
577	Prioritization of contaminated watercourses using an integrated biomarker approach in caged carp. <i>Water Research</i> , 2016, 99, 129-139.	5.3	11
578	Optimisation of in vitro sample preparation for LC-MS metabolomics applications on HepaRG cell cultures. <i>Analytical Methods</i> , 2017, 9, 3704-3712.	1.3	11
579	Development and validation of a quantitative UHPLC-MS/MS method for selected brominated flame retardants in food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 292-304.	1.1	11
580	Humpback whales (<i>Megaptera novaeangliae</i>) breeding off Mozambique and Ecuador show geographic variation of persistent organic pollutants and isotopic niches. <i>Environmental Pollution</i> , 2020, 267, 115575.	3.7	11
581	Stability of phosphatidylethanol 16:0/18:1 in authentic and spiked whole blood. <i>Drug Testing and Analysis</i> , 2021, 13, 1219-1222.	1.6	11
582	Neurobehavioural and cognitive effects of prenatal exposure to organochlorine compounds in three year old children. <i>BMC Pediatrics</i> , 2021, 21, 99.	0.7	11
583	Chapter 2F. The Flemish Environment and Health Study (FLEHS)â€“ Second Survey (2007â€“2011): Establishing Reference Values for Biomarkers of Exposure in the Flemish Population. <i>Issues in Toxicology</i> , 2011, , 135-165.	0.2	11
584	Urinary Polycyclic Aromatic Hydrocarbon Metabolites Are Associated with Biomarkers of Chronic Endocrine Stress, Oxidative Stress, and Inflammation in Adolescents: FLEHS-4 (2016â€“2020). <i>Toxics</i> , 2021, 9, 245.	1.6	11
585	In ovo transformation of two emerging flame retardants in Japanese quail (<i>Coturnix japonica</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 51-57.	2.9	10
586	Head shape disparity impacts pollutant accumulation in European eel. <i>Environmental Pollution</i> , 2018, 240, 378-386.	3.7	10
587	Towards establishing indicative values for metabolites of organophosphate ester contaminants in human urine. <i>Chemosphere</i> , 2019, 236, 124348.	4.2	10
588	Flame Retardant Concentrations Are Lower in College Spaces Meeting the New Furniture Flammability Standard TB117-2013. <i>Environmental Science and Technology Letters</i> , 2020, 7, 833-839.	3.9	10
589	Human phase I in vitro liver metabolism of two bisphenolic diglycidyl ethers BADGE and BFDGE. <i>Toxicology Letters</i> , 2020, 332, 7-13.	0.4	10
590	Concentrations of some legacy pollutants have increased in South Australian bottlenose dolphins from 1989 to 2014. <i>Environmental Research</i> , 2020, 189, 109834.	3.7	10
591	Determination of Selected Persistent Organochlorine Pollutants in Human Serum by Solid-phase Disk Extraction and Dual-Column Capillary Gas Chromatography with Electron Capture Detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2000, 76, 167-178.	1.8	9
592	Food contamination with polychlorinated biphenyls and dioxins in Belgium. Effects on the body burden. <i>Journal of Epidemiology and Community Health</i> , 2002, 56, 828-830.	2.0	9
593	Raising the standard of systematic reviews published in <i>Environment International</i> . <i>Environment International</i> , 2016, 97, 274-276.	4.8	9
594	Untargeted liquid chromatography-mass spectrometry metabolomics to assess drug-induced cholestatic features in HepaRG [®] cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 379, 114666.	1.3	9

#	ARTICLE	IF	CITATIONS
595	Assessment of persistent organic pollutants in hair samples collected from several Iranian wild cat species. <i>Environmental Research</i> , 2020, 183, 109198.	3.7	9
596	Pooled analysis of genotoxicity markers in relation to exposure in the Flemish Environment and Health Studies (FLEHS) between 1999 and 2018. <i>Environmental Research</i> , 2020, 190, 110002.	3.7	9
597	Optimization and validation of an analytical method for the quantification of short- and medium-chained chlorinated paraffins in food by gas chromatography-mass spectrometry. <i>Food Control</i> , 2021, 119, 107463.	2.8	9
598	Critical review of analytical methods for the determination of flame retardants in human matrices. <i>Analytica Chimica Acta</i> , 2022, 1193, 338828.	2.6	9
599	South polar skua (<i>Catharacta maccormicki</i>) as biovectors for long-range transport of persistent organic pollutants to Antarctica. <i>Environmental Pollution</i> , 2022, 292, 118358.	3.7	9
600	Phasing out DEHP from plastic indwelling medical devices used for intensive care: Does it reduce the long-term attention deficit of critically ill children?. <i>Environment International</i> , 2022, 158, 106962.	4.8	9
601	Resurgence of a lethal drug: paramethoxyamphetamine deaths in Belgium. <i>Journal of Toxicology: Clinical Toxicology</i> , 2002, 40, 203-4.	1.5	9
602	SOLID PHASE DISK EXTRACTION METHOD FOR THE DETERMINATION OF PERSISTENT ORGANOCHLORINE POLLUTANTS IN HUMAN BODY FLUIDS. <i>Analytical Letters</i> , 2001, 34, 1449-1460.	1.0	8
603	Potentiometric detection in UPLC as an easy alternative to determine cocaine in biological samples. <i>Biomedical Chromatography</i> , 2015, 29, 1124-1129.	0.8	8
604	Ethyl glucuronide in hair of non-excessive alcohol consumers: correlations and gender influence. <i>Forensic Toxicology</i> , 2016, 34, 186-190.	1.4	8
605	Assessment of ethyl sulphate in hair as a marker for alcohol consumption using liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2018, 10, 1566-1572.	1.6	8
606	Embryotoxic effects of in-ovo triclosan injection to the yellow-legged gull. <i>Chemosphere</i> , 2019, 218, 827-835.	4.2	8
607	Bisphenol A release from short-term degraded resin-based dental materials. <i>Journal of Dentistry</i> , 2022, 116, 103894.	1.7	8
608	Identification of chemicals leaching from dental resin-based materials after in vitro chemical and salivary degradation. <i>Dental Materials</i> , 2022, 38, 19-32.	1.6	8
609	Per- and polyfluoroalkyl substances (PFAS) and persistent chemical mixtures in dust from U.S. colleges. <i>Environmental Research</i> , 2022, 206, 112530.	3.7	8
610	Improved analytical procedure for determination of chlorinated pesticide residues in human serum using solid phase disc extraction (SPDE), single-step clean-up and gas chromatography. <i>Chromatographia</i> , 2002, 55, 353-359.	0.7	7
611	Miniaturized Method Based on Matrix Solid-Phase Dispersion for the Rapid Screening of 36 Pesticides in Agricultural Food Commodities. <i>Analytical Letters</i> , 2010, 43, 1400-1410.	1.0	7
612	Assessment of the quality of European silver eels and tentative approach to trace the origin of contaminants – A European overview. <i>Science of the Total Environment</i> , 2020, 743, 140675.	3.9	7

#	ARTICLE	IF	CITATIONS
613	A comparative study on the in vitro biotransformation of medicagenic acid using human liver microsomes and S9 fractions. <i>Chemico-Biological Interactions</i> , 2020, 328, 109192.	1.7	7
614	Monitoring the levels of brominated and organophosphate flame retardants in passenger cars: Utilisation of car air filters as active samplers. <i>Journal of Environmental Sciences</i> , 2020, 91, 142-150.	3.2	7
615	Suicide by vaping the synthetic cannabinoid 4F-MDMB-BINACA: cannabinoid receptors and fluoride at the crossroads of toxicity?. <i>Forensic Science, Medicine, and Pathology</i> , 2021, 17, 684-688.	0.6	7
616	Assessing the estrogenic activity of chemicals present in resin based dental composites and in leachates of commercially available composites using the ER±-CALUX bioassay. <i>Dental Materials</i> , 2021, 37, 1834-1844.	1.6	7
617	Field application of a novel active-passive sampling technique for the simultaneous measurement of a wide range of contaminants in water. <i>Chemosphere</i> , 2021, 279, 130598.	4.2	7
618	Long-term residential exposure to air pollution is associated with hair cortisol concentration and differential leucocyte count in Flemish adolescent boys. <i>Environmental Research</i> , 2021, 201, 111595.	3.7	7
619	FLEXiGUT: Rationale for exposomics associations with chronic low-grade gut inflammation. <i>Environment International</i> , 2022, 158, 106906.	4.8	7
620	Metabolic Signature of Ethanol-Induced Hepatotoxicity in HepaRG Cells by Liquid Chromatography-Mass Spectrometry-Based Untargeted Metabolomics. <i>Journal of Proteome Research</i> , 2022, 21, 1153-1166.	1.8	7
621	Capillary GC/MS characterization of fatty acids from indigenous silkworm oil. <i>Journal of Separation Science</i> , 1997, 9, 37-41.	1.0	6
622	Copper(I) complexes with the triarylphosphanes PPh (C ₆ H ₄ CH ₂ NMe ₂) ₃ (n= 0) and PPh ₂ [C ₆ H ₄ CH ₂ N(CH ₂ CH ₂) ₂ O-2]. Synthesis and structural characterization. <i>Polyhedron</i> , 2014, 72, 157-163.	1.0	6
623	Corrigendum to "Persistent organic pollutants in the Scheldt estuary: Environmental distribution and bioaccumulation" [Environ. Int. 48C (2012) 17-27]. <i>Environment International</i> , 2014, 63, 246-251.	4.8	6
624	Advancing the Zebrafish embryo test for endocrine disruptor screening using microinjection: Ethinyl estradiol as a case study. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 533-547.	2.2	6
625	Investigation of Biotransformation Products of p-Methoxymethylamphetamine and Dihydroamphetamine in Wastewater by High-Resolution Mass Spectrometry. <i>Metabolites</i> , 2021, 11, 66.	1.3	6
626	Stable isotope ratio analysis for the characterisation of edible insects. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 955-964.	2.1	6
627	Edible insects in the metabolomics era. First steps towards the implementation of entometabolomics in food systems. <i>Trends in Food Science and Technology</i> , 2022, 119, 371-377.	7.8	6
628	Risk Assessment of Dietary Exposure to Organophosphorus Flame Retardants in Children by Using HBM-Data. <i>Toxics</i> , 2022, 10, 234.	1.6	6
629	Lipidomics profiling of zebrafish liver through untargeted liquid chromatography-high resolution mass spectrometry. <i>Journal of Separation Science</i> , 2022, 45, 2935-2945.	1.3	6
630	Applicability of an on-line solid-phase extraction liquid chromatography-tandem mass spectrometry for the wastewater-based assessment of human exposure to chemicals from personal care and household products. <i>Science of the Total Environment</i> , 2022, 845, 157309.	3.9	6

#	ARTICLE	IF	CITATIONS
631	Human Exposure and Health Risks to Emerging Organic Contaminants. Handbook of Environmental Chemistry, 2011, , 243-305.	0.2	5
632	Application of congener based multi-matrix profiling techniques to identify potential PCDD/F sources in environmental samples from the Burrishoole Catchment in the West of Ireland. Environmental Pollution, 2014, 184, 449-456.	3.7	5
633	Bioaccumulation of hydroxylated polychlorinated biphenyls and pentachlorophenol in the serum of northern elephant seal pups (<i>Mirounga angustirostris</i>). Environmental Research, 2015, 136, 441-448.	3.7	5
634	Ethyl glucuronide in nails: method validation, influence of decontamination and pulverization, and particle size evaluation. Forensic Toxicology, 2016, 34, 158-165.	1.4	5
635	Transfer of hexabromocyclododecane flame retardant isomers from captive American kestrel eggs to feathers and their association with thyroid hormones and growth. Environmental Pollution, 2017, 220, 441-451.	3.7	5
636	Characterization of the accumulation of metals and organic contaminants on a novel active-passive sampling device under controlled water flow conditions. Chemosphere, 2019, 236, 124400.	4.2	5
637	A simplified screening method for short- and medium-chain chlorinated paraffins in food by gas chromatography-low resolution mass spectrometry. Journal of Chromatography A, 2020, 1631, 461574.	1.8	5
638	Evaluation of Environmental Quality of Mediterranean Coastal Lagoons Using Persistent Organic Pollutants and Metals in Thick-Lipped Grey Mullet. Water (Switzerland), 2020, 12, 3450.	1.2	5
639	Human Biomonitoring Data Enables Evidence-Informed Policy to Reduce Internal Exposure to Persistent Organic Compounds: A Case Study. International Journal of Environmental Research and Public Health, 2021, 18, 5559.	1.2	5
640	Distribution and toxicity of persistent organic pollutants and methoxylated polybrominated diphenylethers in different tissues of the green turtle <i>Chelonia mydas</i> . Environmental Pollution, 2021, 277, 116795.	3.7	5
641	Accumulation of PBDEs and MeO-PBDEs in notothenioid fish from the South Shetland Islands, Antarctica: An interspecies comparative study. Marine Pollution Bulletin, 2021, 168, 112453.	2.3	5
642	Plasticizers in the neonatal intensive care unit: A review on exposure sources and health hazards. Critical Reviews in Environmental Science and Technology, 2022, 52, 3947-3972.	6.6	5
643	Brominated Flame Retardants: Analytical, Toxicological and Environmental Aspects. NATO Science for Peace and Security Series A: Chemistry and Biology, 2008, , 153-184.	0.5	5
644	Emerging halogenated flame retardants in the indoor environment. Comprehensive Analytical Chemistry, 2020, 88, 107-140.	0.7	5
645	Legacy and emerging organohalogenated compounds in feathers of Eurasian eagle-owls (<i>Bubo bubo</i>) in Norway: Spatiotemporal variations and associations with dietary proxies ($\delta^{13}C$ and $\delta^{15}N$). Environmental Research, 2022, 204, 112372.	3.7	5
646	Changes in levels of legacy and emerging organophosphorus flame retardants and plasticizers in indoor dust from a former e-waste recycling area in South China: 2013â€“2017. Environmental Science and Pollution Research, 2022, 29, 33295-33304.	2.7	5
647	Temporal monitoring of stimulants during the COVID-19 pandemic in Belgium through the analysis of influent wastewater. International Journal of Drug Policy, 2022, 104, 103679.	1.6	5
648	Feathers as an integrated measure of organohalogen contamination, its dietary sources and corticosterone in nestlings of a terrestrial bird of prey, the northern Goshawk (<i>Accipiter gentilis</i>). Science of the Total Environment, 2022, 828, 154064.	3.9	5

#	ARTICLE	IF	CITATIONS
649	Sample Preparation and Chromatographic Methods Applied to Congener-Specific Analysis of Polybrominated Diphenyl Ethers. Handbook of Environmental Chemistry, 2010, , 55-94.	0.2	4
650	Structural identification by differential mass spectrometry as a criterion for selecting the best quantum chemical calculation of formation enthalpy for tetrachlorinated biphenyls. Rapid Communications in Mass Spectrometry, 2012, 26, 2033-2040.	0.7	4
651	New Quantitative Structure-Fragmentation Relationship Strategy for Chemical Structure Identification Using the Calculated Enthalpy of Formation as a Descriptor for the Fragments Produced in Electron Ionization Mass Spectrometry: A Case Study with Tetrachlorinated Biphenyls. Analytical Chemistry, 2014, 86, 4949-4955.	3.2	4
652	Relationships between dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs) and dioxin-like biphenyls (dl-PCBs) congener concentrations in aquatic organisms from Sydney Estuary, Australia and physiology, spatial, seasonality, trophodynamic and life history traits. Science of the Total Environment, 2014, 490, 50-58.	3.9	4
653	Serum POP concentrations are highly predictive of inner blubber concentrations at two extremes of body condition in northern elephant seals. Environmental Pollution, 2016, 218, 651-663.	3.7	4
654	Estimation of dietary intake and sources of organohalogenated contaminants among infants: 24-h duplicate diet survey in Fukuoka, Japan. Environmental Research, 2021, 195, 110745.	3.7	4
655	Sublethal Effect Concentrations for Nonpolar Narcosis in the Zebrafish Embryo. Environmental Toxicology and Chemistry, 2021, 40, 2802-2812.	2.2	4
656	Identification of novel halogenated naturally occurring compounds in marine biota by high-resolution mass spectrometry and combined screening approaches. Environmental Pollution, 2021, 289, 117933.	3.7	4
657	Pets as Sentinels of Indoor Contamination. , 2020, , 3-20.		4
658	Occurrence of newly identified plasticizers in handwipes; development and validation of a novel analytical method and assessment of human exposure via dermal absorption. Environmental Research, 2022, 210, 112983.	3.7	4
659	Highly Chlorinated Toxic Contaminants in Pesticide-Treated Wooden Art Objects. Archives of Environmental and Occupational Health, 2006, 61, 245-248.	0.7	3
660	Chapter 15 Brominated Flame Retardants as Food Contaminants. Comprehensive Analytical Chemistry, 2008, , 507-570.	0.7	3
661	Should apple snail Pomacea canaliculata (Caenogastropoda, Ampullariidae) be used as bioindicator for BDE-209?. Environmental Science and Pollution Research, 2014, 21, 761-765.	2.7	3
662	Blood clinical-chemical parameters and feeding history in growing Japanese quail (<i>Coturnix Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 ovo</i>). Toxicological and Environmental Chemistry, 2017, 99, 938-952.	0.6	3
663	Analysis of N,Nâ€¦dimethylamphetamine in wastewater â€“ a pyrolysis marker and synthesis impurity of methamphetamine. Drug Testing and Analysis, 2018, 10, 1590-1598.	1.6	3
664	Hyphenated and non-hyphenated chromatographic techniques for trace level explosives in water bodies â€“ a review. International Journal of Environmental Analytical Chemistry, 2018, 98, 387-412.	1.8	3
665	Supporting dataset and methods for Transplacental Transfer of Organochlorine Pesticides: Concentration Ratio and Chiral Properties. Data in Brief, 2019, 25, 104278.	0.5	3
666	Participant Experiences in a Human Biomonitoring Study: Follow-Up Interviews with Participants of the Flemish Environment and Health Study. Toxics, 2021, 9, 69.	1.6	3

#	ARTICLE	IF	CITATIONS
667	The relevance of European Biota Quality Standards on the ecological water quality as determined by the multimetric macro-invertebrate index: A Flemish case study. <i>Ecotoxicology and Environmental Safety</i> , 2022, 231, 113222.	2.9	3
668	In vitro Phase I metabolism of newly identified plasticizers using human liver microsomes combined with high resolution mass spectrometry and based on non-targeted and suspect screening workflows. <i>Toxicology Letters</i> , 2022, 356, 33-40.	0.4	3
669	Estrogenic and growth inhibitory responses to organophosphorus flame retardant metabolites in zebrafish embryos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 256, 109321.	1.3	3
670	Polychlorinated biphenyls and organochlorine pesticides are eliminated from therapeutic Factor VIII and immunoglobulin concentrates and reduced in albumin by plasma fractionation. <i>Vox Sanguinis</i> , 2002, 83, 23-28.	0.7	2
671	Recent Methodologies for Brominated Flame Retardant Determinations by Means of Liquid Chromatography-Mass Spectrometry. <i>Handbook of Environmental Chemistry</i> , 2010, , 95-121.	0.2	2
672	Correlations in Basketball Free Throw. <i>Applied Mechanics and Materials</i> , 0, 332, 509-514.	0.2	2
673	Overview of the Current State-of-the-Art for Bioaccumulation Models in Marine Mammals. <i>Toxics</i> , 2014, 2, 226-246.	1.6	2
674	Brominated Flame Retardants. <i>Handbook of Environmental Chemistry</i> , 2015, , 379-410.	0.2	2
675	Assessment of contaminant levels and trophic relations at a World Heritage Site by measurements in a characteristic shorebird species. <i>Environmental Research</i> , 2015, 136, 163-172.	3.7	2
676	Determinants of Chronic Biological Stress, Measured as Hair Cortisol Concentration, in a General Population of Adolescents: From Individual and Household Characteristics to Neighborhood Urbanicity. <i>Frontiers in Public Health</i> , 2021, 9, 669022.	1.3	2
677	Telomere length in relation to persistent organic pollutant exposure in white-tailed eagle (<i>Haliaeetus Tj ETQq1 1 0,784314 rgBT /Ove</i>	3.7	2
678	Qualitative and semi-quantitative screening of selected psychoactive drugs in blood: Usefulness of liquid chromatography-triple quadrupole and quadrupole time-of-flight mass spectrometry in routine toxicological analyses. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1206, 123279.	1.2	2
679	State-of-the-art analytical approaches and strategies to assess disposal of drugs for wastewater-based epidemiology. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2023, 5, .	1.2	2
680	Mineral oil and PCB/dioxin analysis in some European food contamination episodes. <i>European Food Research and Technology</i> , 2002, 215, 51-54.	1.6	1
681	Dancing on Coke: Smuggling Cocaine Dispersed in Polyvinyl Alcohol. <i>Journal of Forensic Sciences</i> , 2012, 57, 234-238.	0.9	1
682	Letter to the Editor Regarding "A Comparison Between Serum Carbohydrate-Deficient Transferrin and Hair Ethyl Glucuronide in Detecting Chronic Alcohol Consumption in Routine". <i>Alcohol and Alcoholism</i> , 2015, 50, 485-486.	0.9	1
683	Exposure of HepaRG Cells to Sodium Saccharin Underpins the Importance of Including Non-Hepatotoxic Compounds When Investigating Toxicological Modes of Action Using Metabolomics. <i>Metabolites</i> , 2019, 9, 265.	1.3	1
684	A new era in the history of Environmental International. <i>Environment International</i> , 2019, 122, 1-2.	4.8	1

#	ARTICLE	IF	CITATIONS
685	Out of pocket expenses: effect of fee-waivers on opioid prescribing and dispensing. International Journal of Drug Policy, 2021, 98, 103423.	1.6	1
686	Anthropogenic and Naturally Produced Contaminants in Fish Oil: Role in Ill Health. , 2010, , 321-342.		1
687	Determination of Pesticides in Food of Animal Origin. , 2008, , .		1
688	Identification of Potential Urinary Metabolite Biomarkers of <i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia. Biomarker Insights, 2022, 17, 117727192210991.	1.0	1
689	Hexabromocyclododecane (HBCD) complex chemistry: Detection and analytical methods. Toxicology Letters, 2010, 196, S33.	0.4	0
690	The Removal of Illicit Drugs and Metabolites During Wastewater and Drinking Water Treatment. , 2012, , 55-64.		0
691	Biomonitoring for POPs. , 2014, , 163-197.		0
692	O14: Alcohol consumption vs. hair EtG concentration in alcohol dependent individuals: Role of gender differences. Toxicologie Analytique Et Clinique, 2014, 26, S10-S11.	0.1	0
693	Optimization of LC-QTOF MS parameters for the coverage of the in vitro HepaRG metabolome. Toxicology Letters, 2015, 238, S236.	0.4	0
694	Environment International welcomes new Associate Editors. Environment International, 2016, 97, 273.	4.8	0
695	Reply to the correspondence letter from Dr. Jose Garrofe Dorea. Science of the Total Environment, 2016, 544, 1138.	3.9	0
696	Editorial: A tribute to Hidetaka Takigami. Emerging Contaminants, 2016, 2, 57.	2.2	0
697	Anti-parasite treatment and blood biochemistry in raptor nestlings. Canadian Journal of Zoology, 2017, 95, 685-693.	0.4	0
698	Investigation of drug-induced cholestasis in HepaRG cells using untargeted LC-MS metabolomics. Toxicology Letters, 2018, 295, S57.	0.4	0
699	Phthalates and infertility: an issue in hernia meshes?. European Surgery - Acta Chirurgica Austriaca, 2020, 52, 210-216.	0.3	0
700	Application of HILIC for Polar Environmental Contaminants (Including Pharmaceuticals) in Aquatic Systems. Chromatographic Science, 2011, , 133-156.	0.1	0
701	Instrumental Analysis of Brominated Flame Retardants. Chromatographic Science, 2017, , 515-536.	0.1	0
702	LC-MS/MS Analysis of Aged Dental Composites in Simulated Oral Environment. Dental Materials, 2022, 38, e10-e11.	1.6	0

#	ARTICLE	IF	CITATIONS
703	Efficient degradation and mineralization of diclofenac in water on ZnMe (Me: Al; Co; Ga) layered double hydroxides and derived mixed oxides as novel photocatalysts. Comptes Rendus Chimie, 2022, 25, 51-67.	0.2	0