

Adrian Covaci

List of Publications by Year in descending order

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703
papers

43,776
citations

1792

103
h-index

5227

165
g-index

720
all docs

720
docs citations

720
times ranked

22412
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

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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

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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

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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

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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

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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

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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

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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 Iassy, 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
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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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
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281	Determination of organohalogenated contaminants in liver of harbour porpoises (<i>Phocoena</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.3	47
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286	Determinants of bisphenol A and phthalate metabolites in urine of Flemish adolescents. <i>Environmental Research</i> , 2014, 134, 110-117.	3.7	47
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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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
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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
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430	Determination of persistent organohalogenated pollutants in human hair reference material (BCR) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.9	26
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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
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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
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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
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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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
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