Adrian Covaci

List of Publications by Year
in descending order

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		1799	5255
703	43,776	103	165
papers	citations	h-index	g-index

720	720	720	22412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel brominated flame retardants: A review of their analysis, environmental fate and behaviour. Environment International, 2011, 37, 532-556.	10.0	1,188
2	A review of dietary and non-dietary exposure to bisphenol-A. Food and Chemical Toxicology, 2012, 50, 3725-3740.	3.6	747
3	Levels and trends of brominated flame retardants in the European environment. Chemosphere, 2006, 64, 187-208.	8.2	720
4	Hexabromocyclododecanes (HBCDs) in the Environment and Humans:â€‰ A Review. Environmental Science & Technology, 2006, 40, 3679-3688.	10.0	691
5	After the PBDE Phase-Out: A Broad Suite of Flame Retardants in Repeat House Dust Samples from California. Environmental Science & Technology, 2012, 46, 13056-13066.	10.0	482
6	Comparing illicit drug use in 19 European cities through sewage analysis. Science of the Total Environment, 2012, 432, 432-439.	8.0	416
7	Determination of brominated flame retardants, with emphasis on polybrominated diphenyl ethers (PBDEs) in environmental and human samplesâ€”a review. Environment International, 2003, 29, 735-756.	10.0	382
8	Analytical developments and preliminary assessment of human exposure to organophosphate flame retardants from indoor dust. Environment International, 2011, 37, 454-461.	10.0	382
9	A novel abbreviation standard for organobromine, organochlorine and organophosphorus flame retardants and some characteristics of the chemicals. Environment International, 2012, 49, 57-82.	10.0	369
10	Analytical and environmental aspects of the flame retardant tetrabromobisphenol-A and its derivatives. Journal of Chromatography A, 2009, 1216, 346-363.	3.7	346
11	Levels and trends of PBDEs and HBCDs in the global environment: Status at the end of 2012. Environment International, 2014, 65, 147-158.	10.0	346
12	Illicit drug consumption estimations derived from wastewater analysis: A critical review. Science of the Total Environment, 2011, 409, 3564-3577.	8.0	335
13	Evaluation of Uncertainties Associated with the Determination of Community Drug Use through the Measurement of Sewage Drug Biomarkers. Environmental Science & Technology, 2013, 47, 1452-1460.	10.0	320
14	Spatial differences and temporal changes in illicit drug use in <scp>E</scp>urope quantified by wastewater analysis. Addiction, 2014, 109, 1338-1352.	3.3	319
15	Occurrence of a Broad Range of Legacy and Emerging Flame Retardants in Indoor Environments in Norway. Environmental Science & Technology, 2014, 48, 6827-6835.	10.0	309
16	Polybrominated diphenyl ethers in domestic indoor dust from Canada, New Zealand, United Kingdom and United States. Environment International, 2008, 34, 232-238.	10.0	300
17	Occurrence of alternative flame retardants in indoor dust from New Zealand: Indoor sources and human exposure assessment. Chemosphere, 2012, 88, 1276-1282.	8.2	293
18	Hexabromocyclododecane in Marine Species from the Western Scheldt Estuary:Â Diastereoisomer- and Enantiomer-Specific Accumulation. Environmental Science & Technology, 2005, 39, 1987-1994.	10.0	283

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19	Hexabromocyclododecanes and Tetrabromobisphenol-A in Indoor Air and Dust in Birmingham, UK: Implications for Human Exposure. Environmental Science & Technology, 2008, 42, 6855-6861.	10.0	281
20	Hexabromocyclododecane: Current Understanding of Chemistry, Environmental Fate and Toxicology and Implications for Global Management. Environmental Science & Technology, 2011, 45, 8613-8623.	10.0	277
21	First insights in the metabolism of phosphate flame retardants and plasticizers using human liver fractions. Toxicology Letters, 2013, 223, 9-15.	0.8	273
22	Indoor Contamination with Hexabromocyclododecanes, Polybrominated Diphenyl Ethers, and Perfluoroalkyl Compounds: An Important Exposure Pathway for People?. Environmental Science & Technology, 2010, 44, 3221-3231.	10.0	266
23	Comparative Study on Total Lipid Determination using Soxhlet, Roese-Gottlieb, Bligh & Dyer, and Modified Bligh & Dyer Extraction Methods. Journal of Food Composition and Analysis, 2001, 14, 93-100.	3.9	263
24	Are potential sources for human exposure to bisphenol-A overlooked?. International Journal of Hygiene and Environmental Health, 2011, 214, 339-347.	4.3	262
25	Concentrations of brominated flame retardants in dust from United Kingdom cars, homes, and offices: Causes of variability and implications for human exposure. Environment International, 2008, 34, 1170-1175.	10.0	257
26	Investigation of Selected Persistent Organic Pollutants in Farmed Atlantic Salmon (Salmo salar), Salmon Aquaculture Feed, and Fish Oil Components of the Feed. Environmental Science & Technology, 2002, 36, 2797-2805.	10.0	252
27	Recent developments in the analysis of brominated flame retardants and brominated natural compounds. Journal of Chromatography A, 2007, 1153, 145-171.	3.7	246
28	Distribution of bisphenol-A, triclosan and n-nonylphenol in human adipose tissue, liver and brain. Chemosphere, 2012, 87, 796-802.	8.2	246
29	A review of semi-volatile organic compounds (SVOCs) in the indoor environment: occurrence in consumer products, indoor air and dust. Chemosphere, 2018, 201, 466-482.	8.2	245
30	Critical review on the stability of illicit drugs in sewers and wastewater samples. Water Research, 2016, 88, 933-947.	11.3	244
31	Environmental pollutants and type 2 diabetes: a review of mechanisms that can disrupt beta cell function. Diabetologia, 2011, 54, 1273-1290.	6.3	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. Environment International, 2013, 55, 62-70.	10.0	222
33	A comparative assessment of human exposure to tetrabromobisphenol A and eight bisphenols including bisphenol A via indoor dust ingestion in twelve countries. Environment International, 2015, 83, 183-191.	10.0	218
34	Polybrominated Diphenyl Ethers in Marine Species from the Belgian North Sea and the Western Scheldt Estuary:â€‰ Levels, Profiles, and Distribution. Environmental Science & Technology, 2003, 37, 4348-4357.	10.0	217
35	Distribution Patterns of Brominated, Chlorinated, and Phosphorus Flame Retardants with Particle Size in Indoor and Outdoor Dust and Implications for Human Exposure. Environmental Science & Technology, 2014, 48, 8839-8846.	10.0	214
36	Age as a determinant of phosphate flame retardant exposure of the Australian population and identification of novel urinary PFR metabolites. Environment International, 2015, 74, 1-8.	10.0	211

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37	Assessment of human exposure to Bisphenol-A, Triclosan and Tetrabromobisphenol-A through indoor dust intake in Belgium. Chemosphere, 2009, 76, 755-760.	8.2	210
38	Sewage epidemiology â€" A real-time approach to estimate the consumption of illicit drugs in Brussels, Belgium. Environment International, 2011, 37, 612-621.	10.0	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. Science of the Total Environment, 2006, 372, 20-31.	8.0	209
40	Measuring biomarkers in wastewater as a new source of epidemiological information: Current state and future perspectives. Environment International, 2017, 99, 131-150.	10.0	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. Environmental Science & Technology, 2016, 50, 7752-7760.	10.0	200
42	Identifying Transfer Mechanisms and Sources of Decabromodiphenyl Ether (BDE 209) in Indoor Environments Using Environmental Forensic Microscopy. Environmental Science & Technology, 2009, 43, 3067-3072.	10.0	198
43	Obesity and Persistent Organic Pollutants: Possible Obesogenic Effect of Organochlorine Pesticides and Polychlorinated Biphenyls. Obesity, 2011, 19, 709-714.	3.0	196
44	Organophosphate Flame Retardants in Indoor Dust from Egypt: Implications for Human Exposure. Environmental Science & Technology, 2014, 48, 4782-4789.	10.0	196
45	â€œNovelâ€•brominated flame retardants in Belgian and UK indoor dust: Implications for human exposure. Chemosphere, 2011, 83, 1360-1365.	8.2	189
46	Analysis of cocaine and its principal metabolites in waste and surface water using solid-phase extraction and liquid chromatographyâ€“ion trap tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2008, 391, 1309-1319.	3.7	188
47	Multi-residue method for the determination of brominated and organophosphate flame retardants in indoor dust. Talanta, 2012, 89, 292-300.	5.5	183
48	The Belgian PCB and dioxin incident of January-June 1999: exposure data and potential impact on health.. Environmental Health Perspectives, 2001, 109, 265-273.	6.0	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. Environment International, 2015, 78, 1-7.	10.0	178
50	Concentrations of organophosphate esters and brominated flame retardants in German indoor dust samples. Journal of Environmental Monitoring, 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. Environmental Pollution, 2006, 140, 136-149.	7.5	166
52	Dietary PBDE intake: A market-basket study in Belgium. Environment International, 2007, 33, 93-97.	10.0	163
53	Brominated flame retardants and perfluorinated compounds in indoor dust from homes and offices in Flanders, Belgium. Chemosphere, 2010, 81, 478-487.	8.2	162
54	Urinary Biomonitoring of Phosphate Flame Retardants: Levels in California Adults and Recommendations for Future Studies. Environmental Science & Technology, 2014, 48, 13625-13633.	10.0	161

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55	Exposure to Hexabromocyclododecanes (HBCDs) via Dust Ingestion, but Not Diet, Correlates with Concentrations in Human Serum: Preliminary Results. Environmental Health Perspectives, 2009, 117, 1707-1712.	6.0	159
56	Multi-pathway human exposure assessment of phthalate esters and DINCH. Environment International, 2018, 112, 115-126.	10.0	157
57	Hexabromocyclododecane Challenges Scientists and Regulators. Environmental Science & Technology, 2005, 39, 281A-287A.	10.0	155
58	Distribution of Organobrominated and Organochlorinated Contaminants in Belgian Human Adipose Tissue. Environmental Research, 2002, 88, 210-218.	7.5	154
59	Brominated flame retardants and organochlorine pollutants in aquatic and terrestrial predatory birds of Belgium: levels, patterns, tissue distribution and condition factors. Environmental Pollution, 2006, 139, 340-352.	7.5	154
60	Evaluation of hazardous chemicals in edible insects and insect-based food intended for human consumption. Food and Chemical Toxicology, 2017, 100, 70-79.	3.6	154
61	Spatioâ€temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. Addiction, 2020, 115, 109-120.	3.3	154
62	Polybrominated diphenyl ethers, polychlorinated biphenyls and organochlorine pesticides in sediment cores from the Western Scheldt river (Belgium): analytical aspects and depth profiles. Environment International, 2005, 31, 367-375.	10.0	152
63	Dietary intake of phosphorus flame retardants (PFRs) using Swedish food market basket estimations. Food and Chemical Toxicology, 2017, 100, 1-7.	3.6	151
64	Occurrence of organochlorine pesticides (OCPs) and their enantiomeric signatures, and concentrations of polybrominated diphenyl ethers (PBDEs) in the AdÃ©lie penguin food web, Antarctica. Environmental Pollution, 2006, 140, 371-382.	7.5	149
65	Causes of variability in concentrations and diastereomer patterns of hexabromocyclododecanes in indoor dust. Environment International, 2009, 35, 573-579.	10.0	149
66	Analysis of the flame retardant metabolites bis(1,3-dichloro-2-propyl) phosphate (BDCPP) and diphenyl phosphate (DPP) in urine using liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2011, 401, 2123-2132.	3.7	149
67	Brominated flame retardants (BFRs) in air and dust from electronic waste storage facilities in Thailand. Environment International, 2010, 36, 690-698.	10.0	148
68	Accumulation, tissue-specific distribution and debromination of decabromodiphenyl ether (BDE 209) in European starlings (Sturnus vulgaris). Environmental Pollution, 2007, 148, 648-653.	7.5	147
69	From the exposome to mechanistic understanding of chemical-induced adverse effects. Environment International, 2017, 99, 97-106.	10.0	146
70	Distribution of PCBs and organochlorine pesticides in umbilical cord and maternal serum. Science of the Total Environment, 2002, 298, 45-53.	8.0	145
71	Urinary BPA measurements in children and mothers from six European member states: Overall results and determinants of exposure. Environmental Research, 2015, 141, 77-85.	7.5	143
72	Occurrence of Organophosphorus Flame Retardants and Plasticizers (PFRs) in Belgian Foodstuffs and Estimation of the Dietary Exposure of the Adult Population. Environmental Science & Technology, 2018, 52, 2331-2338.	10.0	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. Journal of Chromatography A, 2005, 1065, 239-249.	3.7	138
74	Occurrence and risk assessment of organophosphate esters in drinking water from Eastern China. Science of the Total Environment, 2015, 538, 959-965.	8.0	138
75	Human exposure to endocrine disrupting chemicals and fertility: A caseâ€“control study in male subfertility patients. Environment International, 2015, 84, 154-160.	10.0	136
76	Hair analysis: another approach for the assessment of human exposure to selected persistent organochlorine pollutants. Chemosphere, 2002, 46, 413-418.	8.2	135
77	Hexabromocyclododecanes In Indoor Dust From Canada, the United Kingdom, and the United States. Environmental Science & Technology, 2008, 42, 459-464.	10.0	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. Environmental Science & Technology, 2010, 44, 4198-4202.	10.0	135
79	Analysis of organophosphate flame retardant diester metabolites in human urine by liquid chromatography electrospray ionisation tandem mass spectrometry. Journal of Chromatography A, 2013, 1303, 48-53.	3.7	135
80	Polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in human liver and adipose tissue samples from Belgium. Chemosphere, 2008, 73, 170-175.	8.2	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. Environment International, 2020, 139, 105545.	10.0	133
82	Intake of bisphenol A from canned beverages and foods on the Belgian market. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 1627-1637.	2.3	132
83	Country specific comparison for profile of chlorinated, brominated and phosphate organic contaminants in indoor dust. Case study for Eastern Romania, 2010. Environment International, 2012, 49, 1-8.	10.0	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. Water Research, 2009, 43, 1341-1349.	11.3	128
85	Human biomonitoring of emerging pollutants through non-invasive matrices: state of the art and future potential. Analytical and Bioanalytical Chemistry, 2014, 406, 4063-4088.	3.7	128
86	Cocaine and metabolites in waste and surface water across Belgium. Environmental Pollution, 2009, 157, 123-129.	7.5	127
87	Selected persistent organochlorine pollutants in Romania. Science of the Total Environment, 2001, 280, 143-152.	8.0	122
88	Bioavailability and biomagnification of organophosphate esters in the food web of Taihu Lake, China: Impacts of chemical properties and metabolism. Environment International, 2019, 125, 25-32.	10.0	121
89	Hair ethyl glucuronide levels as a marker for alcohol use and abuse: A review of the current state of the art. Drug and Alcohol Dependence, 2014, 134, 1-11.	3.2	120
90	Levels of bisphenol-A in thermal paper receipts from Belgium and estimation of human exposure. Science of the Total Environment, 2012, 435-436, 30-33.	8.0	119

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91	Can cocaine use be evaluated through analysis of wastewater? A nationâ€wide approach conducted in Belgium. Addiction, 2009, 104, 734-741.	3.3	117
92	Levels and chiral signatures of persistent organochlorine pollutants in human tissues from Belgium. Environmental Research, 2003, 93, 167-176.	7.5	114
93	Legacy and alternative flame retardants in Norwegian and UK indoor environment: Implications of human exposure via dust ingestion. Environment International, 2017, 102, 48-56.	10.0	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 827, 216-223.	2.3	112
95	The Relationship between Levels of PCBs and Pesticides in Human Hair and Blood: Preliminary Results. Environmental Health Perspectives, 2004, 112, 1193-1199.	6.0	110
96	Evaluation of total lipids using enzymatic methods for the normalization of persistent organic pollutant levels in serum. Science of the Total Environment, 2006, 366, 361-366.	8.0	110
97	Wastewater-based epidemiology to assess pan-European pesticide exposure. Water Research, 2017, 121, 270-279.	11.3	110
98	Assessment of human exposure to indoor organic contaminants via dust ingestion in Pakistan. Indoor Air, 2012, 22, 200-211.	4.3	109
99	Organophosphorus flame-retardant and plasticizer analysis, including recommendations from the first worldwide interlaboratory study. TrAC - Trends in Analytical Chemistry, 2013, 43, 217-228.	11.4	109
100	Brominated flame retardants and perfluorinated chemicals, two groups of persistent contaminants in Belgian human blood and milk. Environmental Pollution, 2010, 158, 2546-2552.	7.5	108
101	Downsides of the recycling process: Harmful organic chemicals in children's toys. Environment International, 2014, 65, 54-62.	10.0	108
102	Occurrence and fate of organophosphate ester flame retardants and plasticizers in indoor air and dust of Nepal: Implication for human exposure. Environmental Pollution, 2017, 229, 668-678.	7.5	108
103	Estimation of Daily Intake of Organohalogenated Contaminants from Food Consumption and Indoor Dust Ingestion in Romania. Environmental Science & Technology, 2010, 44, 6297-6304.	10.0	107
104	Brominated and organophosphate flame retardants in indoor dust of Jeddah, Kingdom of Saudi Arabia: Implications for human exposure. Science of the Total Environment, 2016, 569-570, 269-277.	8.0	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. Analytical and Bioanalytical Chemistry, 2008, 391, 1175-1181.	3.7	106
106	Levels and profiles of PCBs and OCPs in marine benthic species from the Belgian North Sea and the Western Scheldt Estuary. Marine Pollution Bulletin, 2004, 49, 393-404.	5.0	105
107	Biomagnification of PBDEs in Three Small Terrestrial Food Chains. Environmental Science & Technology, 2007, 41, 411-416.	10.0	105
108	Analysis of drugs of abuse in wastewater by hydrophilic interaction liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 395, 819-828.	3.7	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. Environmental Pollution, 2005, 137, 324-333.	7.5	104
110	Application of hydrophilic interaction chromatography for the analysis of polar contaminants in food and environmental samples. Journal of Chromatography A, 2011, 1218, 5964-5974.	3.7	102
111	The stability of illicit drugs and metabolites in wastewater, an important issue for sewage epidemiology?. Journal of Hazardous Materials, 2012, 239-240, 19-23.	12.4	101
112	Urinary metabolites of organophosphate esters: Concentrations and age trends in Australian children. Environment International, 2018, 111, 124-130.	10.0	99
113	Time Trend Investigation of PCBs, PBDEs, and Organochlorine Pesticides in Selected nâˆ’3 Polyunsaturated Fatty Acid Rich Dietary Fish Oil and Vegetable Oil Supplements; Nutritional Relevance for Human Essential nâˆ’3 Fatty Acid Requirements. Journal of Agricultural and Food Chemistry, 2004, 52, 1780-1788.	5.2	98
114	Use of Transplanted Zebra Mussels (Dreissena polymorpha) To Assess the Bioavailability of Microcontaminants in Flemish Surface Waters. Environmental Science & Technology, 2005, 39, 1492-1505.	10.0	98
115	Association of Thyroid Hormone Concentrations with Levels of Organochlorine Compounds in Cord Blood of Neonates. Environmental Health Perspectives, 2007, 115, 1780-1786.	6.0	98
116	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. Environment International, 2010, 36, 60-67.	10.0	98
117	Persistent organic pollutants (POPs) in human milk: A biomonitoring study in rural areas of Flanders (Belgium). Chemosphere, 2012, 89, 988-994.	8.2	98
118	Endocrine-disrupting chemicals in human follicular fluid impair in vitro oocyte developmental competence. Human Reproduction, 2012, 27, 1025-1033.	0.9	97
119	Differences in the seasonal variation of brominated and phosphorus flame retardants in office dust. Environment International, 2014, 65, 100-106.	10.0	97
120	Determination of Polybrominated Diphenyl Ethers and Polychlorinated Biphenyls in Human Adipose Tissue by Large-Volume Injectionâˆ’Narrow-Bore Capillary Gas Chromatography/Electron Impact Low-Resolution Mass Spectrometry. Analytical Chemistry, 2002, 74, 790-798.	6.5	95
121	Evaluation of the usefulness of bird feathers as a non-destructive biomonitoring tool for organic pollutants: A comparative and meta-analytical approach. Environment International, 2007, 33, 328-337.	10.0	95
122	Application of a sewage-based approach to assess the use of ten illicit drugs in four Chinese megacities. Science of the Total Environment, 2014, 487, 710-721.	8.0	95
123	In vitro metabolism of 2-ethylhexyldiphenyl phosphate (EHDPHP) by human liver microsomes. Toxicology Letters, 2015, 232, 203-212.	0.8	95
124	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. Mass Spectrometry Reviews, 2018, 37, 258-280.	5.4	95
125	Internal exposure to pollutants measured in blood and urine of Flemish adolescents in function of area of residence. Chemosphere, 2008, 71, 1317-1325.	8.2	93
126	Persistent chlorinated pesticides and polychlorinated biphenyls in selected fish species from Lake Tanganyika, Burundi, Africa. Environmental Pollution, 2002, 117, 447-455.	7.5	92

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127	Levels of organochlorine pesticides, polychlorinated biphenyls and polybrominated diphenyl ethers in fish species from Kahramanmaras, Turkey. Environment International, 2005, 31, 703-711.	10.0	92
128	Organophosphate esters in indoor dust from 12 countries: Concentrations, composition profiles, and human exposure. Environment International, 2019, 133, 105178.	10.0	92
129	Concentrations of synthetic musk compounds in personal care and sanitation products and human exposure profiles through dermal application. Chemosphere, 2007, 69, 1540-1547.	8.2	91
130	Synthetic Phenolic Antioxidants and Their Metabolites in Indoor Dust from Homes and Microenvironments. Environmental Science & Technology, 2016, 50, 428-434.	10.0	91
131	Organohalogenated pollutants in human serum from Iassy, Romania and their relation with age and gender. Environment International, 2006, 32, 797-803.	10.0	90
132	Optimization and validation of a hydrophilic interaction liquid chromatographyâ€“tandem mass spectrometry method for the determination of 13 top-prescribed pharmaceuticals in influent wastewater. Analytical and Bioanalytical Chemistry, 2010, 398, 2211-2222.	3.7	90
133	Persistent organic pollutants in the Scheldt estuary: Environmental distribution and bioaccumulation. Environment International, 2012, 48, 17-27.	10.0	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. Environmental Pollution, 2009, 157, 437-444.	7.5	88
135	Sewageâ€based epidemiology in monitoring the use of new psychoactive substances: Validation and application of an analytical method using LCâ€MS/MS. Drug Testing and Analysis, 2015, 7, 812-818.	2.6	87
136	Levels and distribution of polybrominated diphenyl ethers in various tissues of birds of prey. Environmental Pollution, 2006, 144, 218-227.	7.5	86
137	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. TrAC - Trends in Analytical Chemistry, 2018, 103, 34-43.	11.4	85
138	Persistent organochlorine pollutants in human serum of 50â€“65 years old women in the Flanders Environmental and Health Study (FLEHS). Part 1: concentrations and regional differences. Chemosphere, 2002, 48, 811-825.	8.2	84
139	Brominated flame retardants and polychlorinated biphenyls in fish from the river Scheldt, Belgium. Environment International, 2008, 34, 976-983.	10.0	84
140	Organohalogenated contaminants (OHCs) in the serum and hair of pet cats and dogs: Biosentinels of indoor pollution. Science of the Total Environment, 2013, 449, 29-36.	8.0	84
141	The strength in numbers: comprehensive characterization of house dust using complementary mass spectrometric techniques. Analytical and Bioanalytical Chemistry, 2019, 411, 1957-1977.	3.7	84
142	FEATHERS AS A NONDESTRUCTIVE BIOMONITOR FOR PERSISTENT ORGANIC POLLUTANTS. Environmental Toxicology and Chemistry, 2005, 24, 442.	4.3	83
143	Comparative evaluation of liquid chromatographyâ€“mass spectrometry versus gas chromatographyâ€“mass spectrometry for the determination of hexabromocyclododecanes and their degradation products in indoor dust. Journal of Chromatography A, 2008, 1190, 333-341.	3.7	83
144	Human dietary intake of organohalogen contaminants at e-waste recycling sites in Eastern China. Environment International, 2015, 74, 209-220.	10.0	83

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145	Three cycles of human biomonitoring in Flanders â^' Time trends observed in the Flemish Environment and Health Study. International Journal of Hygiene and Environmental Health, 2017, 220, 36-45.	4.3	83
146	Enantiomeric profiling of chiral illicit drugs in a pan-European study. Water Research, 2018, 130, 151-160.	11.3	83
147	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. Environment International, 2021, 146, 106082.	10.0	83
148	Effects of primary metabolites of organophosphate flame retardants on transcriptional activity via human nuclear receptors. Toxicology Letters, 2016, 245, 31-39.	0.8	82
149	Brominated flame retardants and organochlorine pollutants in eggs of little owls (Athene noctua) from Belgium. Environmental Pollution, 2005, 136, 81-88.	7.5	81
150	Comparison of Persistent Organic Pollutant Residues in Serum and Adipose Tissue in a Female Population in Belgium, 1996-1998. Archives of Environmental Contamination and Toxicology, 2000, 39, 265-270.	4.1	80
151	Remarkable Findings Concerning PBDEs in the Terrestrial Top-Predator Red Fox (Vulpes vulpes). Environmental Science & Technology, 2006, 40, 2937-2943.	10.0	80
152	Brominated and phosphorus flame retardants in White-tailed Eagle Haliaeetus albicilla nestlings: Bioaccumulation and associations with dietary proxies (Î´13C, Î´15N and Î´34S). Science of the Total Environment, 2014, 478, 48-57.	8.0	80
153	Human exposure pathways to organophosphate flame retardants: Associations between human biomonitoring and external exposure. Environment International, 2019, 127, 462-472.	10.0	80
154	Brominated flame retardants in Belgian home-produced eggs: Levels and contamination sources. Science of the Total Environment, 2009, 407, 4387-4396.	8.0	79
155	Sensitive and selective method for the determination of bisphenol-A and triclosan in serum and urine as pentafluorobenzoate-derivatives using GCâ€“ECNI/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 4042-4046.	2.3	79
156	Factors Influencing Concentrations of Polybrominated Diphenyl Ethers (PBDEs) in Students from Antwerp, Belgium. Environmental Science & Technology, 2009, 43, 3535-3541.	10.0	79
157	Development and Application of Liquid Chromatographic Retention Time Indices in HRMS-Based Suspect and Nontarget Screening. Analytical Chemistry, 2021, 93, 11601-11611.	6.5	79
158	An assessment of the influence of multiple stressors on the Vaal River, South Africa. Physics and Chemistry of the Earth, 2011, 36, 949-962.	2.9	78
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