

Adrian Covaci

List of Publications by Year in descending order

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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	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
2	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
3	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
4	Plasticizers in the neonatal intensive care unit: A review on exposure sources and health hazards. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3947-3972.	6.6	5
5	FLEXiGUT: Rationale for exposomics associations with chronic low-grade gut inflammation. <i>Environment International</i> , 2022, 158, 106906.	4.8	7
6	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
7	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
8	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
9	Bisphenol A release from short-term degraded resin-based dental materials. <i>Journal of Dentistry</i> , 2022, 116, 103894.	1.7	8
10	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 $\delta^{15}N$). <i>Environmental Research</i> , 2022, 204, 112372.	3.7	5
11	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
12	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
13	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
14	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: 2013–2017. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33295-33304.	2.7	5
15	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
16	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
17	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
18	Telomere length in relation to persistent organic pollutant exposure in white-tailed eagle (<i>Haliaeetus</i>)	0.0	2

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19	LC-MS/MS Analysis of Aged Dental Composites in Simulated Oral Environment. <i>Dental Materials</i> , 2022, 38, e10-e11.	1.6	0
20	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
21	Temporal monitoring of stimulants during the COVID-19 pandemic in Belgium through the analysis of influent wastewater. <i>International Journal of Drug Policy</i> , 2022, 104, 103679.	1.6	5
22	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
23	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>). <i>Science of the Total Environment</i> , 2022, 828, 154064.	3.9	5
24	Occurrence of newly identified plasticizers in handwipes; development and validation of a novel analytical method and assessment of human exposure via dermal absorption. <i>Environmental Research</i> , 2022, 210, 112983.	3.7	4
25	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
26	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
27	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
28	Risk Assessment of Dietary Exposure to Organophosphorus Flame Retardants in Children by Using HBM-Data. <i>Toxics</i> , 2022, 10, 234.	1.6	6
29	Efficient degradation and mineralization of diclofenac in water on ZnMe (Me: Al; Co; Ga) layered double hydroxides and derived mixed oxides as novel photocatalysts. <i>Comptes Rendus Chimie</i> , 2022, 25, 51-67.	0.2	0
30	Identification of Potential Urinary Metabolite Biomarkers of <i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia. <i>Biomarker Insights</i> , 2022, 17, 117727192210991.	1.0	1
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	Short-term variability of bisphenols in spot, morning void and 24-hour urine samples. <i>Environmental Pollution</i> , 2021, 268, 115747.	3.7	13
39	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
40	Determinants of exposure levels of bisphenols in Flemish adolescents. <i>Environmental Research</i> , 2021, 193, 110567.	3.7	28
41	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
42	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
43	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
44	Short-term temporal variability of urinary biomarkers of organophosphate flame retardants and plasticizers. <i>Environment International</i> , 2021, 146, 106147.	4.8	23
45	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
46	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
47	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
48	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
49	We need a global science-policy body on chemicals and waste. <i>Science</i> , 2021, 371, 774-776.	6.0	59
50	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
51	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
52	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
53	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
54	Participant Experiences in a Human Biomonitoring Study: Follow-Up Interviews with Participants of the Flemish Environment and Health Study. <i>Toxics</i> , 2021, 9, 69.	1.6	3

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55	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
56	Estimation of dietary intake and sources of organohalogenated contaminants among infants: 24-h duplicate diet survey in Fukuoka, Japan. <i>Environmental Research</i> , 2021, 195, 110745.	3.7	4
57	Human Biomonitoring Data Enables Evidence-Informed Policy to Reduce Internal Exposure to Persistent Organic Compounds: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5559.	1.2	5
58	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
59	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
60	Distribution and toxicity of persistent organic pollutants and methoxylated polybrominated diphenylethers in different tissues of the green turtle <i>Chelonia mydas</i> . <i>Environmental Pollution</i> , 2021, 277, 116795.	3.7	5
61	Bisphenol A as degradation product of monomers used in resin-based dental materials. <i>Dental Materials</i> , 2021, 37, 1020-1029.	1.6	23
62	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
63	An annotation database for chemicals of emerging concern in exposome research. <i>Environment International</i> , 2021, 152, 106511.	4.8	29
64	Accumulation of PBDEs and MeO-PBDEs in notothenioid fish from the South Shetland Islands, Antarctica: An interspecies comparative study. <i>Marine Pollution Bulletin</i> , 2021, 168, 112453.	2.3	5
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	Assessing the estrogenic activity of chemicals present in resin based dental composites and in leachates of commercially available composites using the ER \pm -CALUX bioassay. <i>Dental Materials</i> , 2021, 37, 1834-1844.	1.6	7
74	Mass Spectrometry-Based Zebrafish Toxicometabolomics: A Review of Analytical and Data Quality Challenges. <i>Metabolites</i> , 2021, 11, 635.	1.3	13
75	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
76	Sublethal Effect Concentrations for Nonpolar Narcosis in the Zebrafish Embryo. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2802-2812.	2.2	4
77	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
78	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
79	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
80	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
81	Long-term elution of bisphenol A from dental composites. <i>Dental Materials</i> , 2021, 37, 1561-1568.	1.6	12
82	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
83	Identification of novel halogenated naturally occurring compounds in marine biota by high-resolution mass spectrometry and combined screening approaches. <i>Environmental Pollution</i> , 2021, 289, 117933.	3.7	4
84	Concentrations and distribution of chlorinated paraffins in Belgian foods. <i>Environmental Pollution</i> , 2021, 291, 118236.	3.7	17
85	Out of pocket expenses: effect of fee-waivers on opioid prescribing and dispensing. <i>International Journal of Drug Policy</i> , 2021, 98, 103423.	1.6	1
86	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
87	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
88	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
89	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
90	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

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91	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
92	Transplacental transfer mechanism of organochlorine pesticides: An in vitro transcellular transport study. <i>Environment International</i> , 2020, 135, 105402.	4.8	14
93	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
94	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
95	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
96	A simplified screening method for short- and medium-chain chlorinated paraffins in food by gas chromatography-low resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1631, 461574.	1.8	5
97	Biomonitoring and temporal trends of bisphenols exposure in Japanese school children. <i>Environmental Research</i> , 2020, 191, 110172.	3.7	45
98	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
99	Enantioselective disposition and metabolic products of isofenphos-methyl in rats and the hepatotoxic effects. <i>Environment International</i> , 2020, 143, 105940.	4.8	20
100	Exposure to organophosphate esters, phthalates, and alternative plasticizers in association with uterine fibroids. <i>Environmental Research</i> , 2020, 189, 109874.	3.7	42
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	Evaluation of Environmental Quality of Mediterranean Coastal Lagoons Using Persistent Organic Pollutants and Metals in Thick-Lipped Grey Mullet. <i>Water (Switzerland)</i> , 2020, 12, 3450.	1.2	5

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109	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
110	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
111	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
112	The migration of bisphenols from beverage cans and reusable sports bottles. <i>Food Chemistry</i> , 2020, 331, 127326.	4.2	22
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	Phthalates and infertility: an issue in hernia meshes?. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2020, 52, 210-216.	0.3	0
122	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
123	Pets as Sentinels of Indoor Contamination. , 2020, , 3-20.		4
124	Emerging halogenated flame retardants in the indoor environment. <i>Comprehensive Analytical Chemistry</i> , 2020, 88, 107-140.	0.7	5
125	A European proposal for quality control and quality assurance of tandem mass spectral libraries. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	53
126	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

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127	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
128	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
129	Supporting dataset and methods for Transplacental Transfer of Organochlorine Pesticides: Concentration Ratio and Chiral Properties. <i>Data in Brief</i> , 2019, 25, 104278.	0.5	3
130	Towards establishing indicative values for metabolites of organophosphate ester contaminants in human urine. <i>Chemosphere</i> , 2019, 236, 124348.	4.2	10
131	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
132	Characterization of the accumulation of metals and organic contaminants on a novel active-passive sampling device under controlled water flow conditions. <i>Chemosphere</i> , 2019, 236, 124400.	4.2	5
133	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
134	Transplacental transfer of organochlorine pesticides: Concentration ratio and chiral properties. <i>Environment International</i> , 2019, 130, 104939.	4.8	29
135	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
136	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
137	Organophosphate esters in indoor dust from 12 countries: Concentrations, composition profiles, and human exposure. <i>Environment International</i> , 2019, 133, 105178.	4.8	92
138	Novel and legacy flame retardants in paired human fingernails and indoor dust samples. <i>Environment International</i> , 2019, 133, 105227.	4.8	26
139	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
140	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
141	A new era in the history of <i>Environment International</i> . <i>Environment International</i> , 2019, 122, 1-2.	4.8	1
142	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
143	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
144	Metabolites of phosphate flame retardants and alternative plasticizers in urine from intensive care patients. <i>Chemosphere</i> , 2019, 233, 590-596.	4.2	21

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146	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
147	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
148	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
149	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
150	Using Expert Driven Machine Learning to Enhance Dynamic Metabolomics Data Analysis. <i>Metabolites</i> , 2019, 9, 54.	1.3	15
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161	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
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290	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
291	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
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294	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
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302	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
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