Robert J Letcher

List of Publications by Year
in descending order

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166 papers	11,315 citations	23879 60 h-index	37326 100 g-index
167 all docs	167 docs citations	167 times ranked	7274 citing authors

#	Article	IF	Citations
1	Temporal change and the influence of climate and weather factors on mercury concentrations in Hudson Bay polar bears, caribou, and seabird eggs. Environmental Research, 2022, 207, 112169.	3.7	11
2	Global distribution of ustiloxins in rice and their male-biased hepatotoxicity. Environmental Pollution, 2022, 301, 118992.	3.7	12
3	Metabolic transformation of environmentally-relevant brominated flame retardants in Fauna: A review. Environment International, 2022, 161, 107097.	4.8	12
4	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. Science of the Total Environment, 2022, 829, 154445.	3.9	29
5	Climate change and mercury in the Arctic: Biotic interactions. Science of the Total Environment, 2022, 834, 155221.	3.9	24
6	Occurrence and translocation of ustiloxins in rice false smut-occurred paddy fields, Hubei, China. Environmental Pollution, 2022, 307, 119460.	3.7	6
7	A Critical Review of Bioaccumulation and Biotransformation of Organic Chemicals in Birds. Reviews of Environmental Contamination and Toxicology, 2022, 260, .	0.7	3
8	A comprehensive system for detection of behavioral change of D. magna exposed to various chemicals. Journal of Hazardous Materials, 2021, 402, 123731.	6.5	15
9	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. Environmental Science & Technology, 2021, 55, 4923-4931.	4.6	21
10	Emerging contaminants and biological effects in Arctic wildlife. Trends in Ecology and Evolution, 2021, 36, 421-429.	4.2	23
11	Tris(1,3-dichloro-2-propyl)phosphate Reduces Growth Hormone Expression via Binding to Growth Hormone Releasing Hormone Receptors and Inhibits the Growth of Crucian Carp. Environmental Science & Technology, 2021, 55, 8108-8118.	4.6	14
12	Organophosphate (OP) diesters and a review of sources, chemical properties, environmental occurrence, adverse effects, and future directions. Environment International, 2021, 155, 106691.	4.8	79
13	Assessment of the effects of early life exposure to triphenyl phosphate on fear, boldness, aggression, and activity in Japanese quail (Coturnix japonica) chicks. Environmental Pollution, 2020, 258, 113695.	3.7	9
14	Uptake, Deposition, and Metabolism of Triphenyl Phosphate in Embryonated Eggs and Chicks of Japanese Quail (<i>Coturnix japonica</i>). Environmental Toxicology and Chemistry, 2020, 39, 565-573.	2.2	5
15	Perfluoroalkyl acids and sulfonamides and dietary, biological and ecological associations in peregrine falcons from the Laurentian Great Lakes Basin, Canada. Environmental Research, 2020, 191, 110151.	3.7	13
16	Functional Group-Dependent Screening of Organophosphate Esters (OPEs) and Discovery of an Abundant OPE Bis-(2-ethylhexyl)-phenyl Phosphate in Indoor Dust. Environmental Science & Technology, 2020, 54, 4455-4464.	4.6	66
17	Side-chain fluorinated polymer surfactants in biosolids from wastewater treatment plants. Journal of Hazardous Materials, 2020, 388, 122044.	6.5	51
18	Promotion effect of liver tumor progression in male kras transgenic zebrafish induced by tris (1,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.9	6

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19	Distribution behaviour in body compartments and in ovo transfer of flame retardants in North American Great Lakes herring gulls. Environmental Pollution, 2020, 262, 114306.	3.7	8
20	Polar Bear (<i>Ursus maritimus</i>). , 2020, , 196-212.		0
21	Tetrabromobisphenol-A-Bis(dibromopropyl ether) Flame Retardant in Eggs, Regurgitates, and Feces of Herring Gulls from Multiple North American Great Lakes Locations. Environmental Science & Technology, 2019, 53, 9564-9571.	4.6	11
22	InÂvitro metabolic activation of triphenyl phosphate leading to the formation of glutathione conjugates by rat liver microsomes. Chemosphere, 2019, 237, 124474.	4.2	8
23	Distribution of flame retardants in smartphones and identification of current-use organic chemicals including three novel aryl organophosphate esters. Science of the Total Environment, 2019, 693, 133654.	3.9	29
24	A review of chlorinated paraffin contamination in Arctic ecosystems. Emerging Contaminants, 2019, 5, 219-231.	2.2	34
25	Current-use halogenated and organophosphorous flame retardants: AÂreview of their presence in Arctic ecosystems. Emerging Contaminants, 2019, 5, 179-200.	2.2	41
26	Response to L. Witting: PCBs still a major risk for global killer whale populations. Marine Mammal Science, 2019, 35, 1201-1206.	0.9	4
27	Progression of liver tumor was promoted by tris(1,3-dichloro-2-propyl) phosphate through the induction of inflammatory responses in kras transgenic zebrafish. Environmental Pollution, 2019, 255, 113315.	3.7	15
28	Validated quantitative cannabis profiling for Canadian regulatory compliance - Cannabinoids, aflatoxins, and terpenes. Analytica Chimica Acta, 2019, 1088, 79-88.	2.6	25
29	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	3.9	184
30	A rapid method of preparing complex organohalogen extracts from avian eggs: Applications to in vitro toxicogenomics screening. Environmental Toxicology and Chemistry, 2019, 38, 811-819.	2.2	10
31	Bioaccumulation and biomagnification of perfluoroalkyl acids and precursors in East Greenland polar bears and their ringed seal prey. Environmental Pollution, 2019, 252, 1335-1343.	3.7	76
32	Hexachlorobutadiene (HCBD) contamination in the Arctic environment: A review. Emerging Contaminants, 2019, 5, 116-122.	2.2	17
33	Organophosphate esters (OPEs) in Chinese foodstuffs: Dietary intake estimation via a market basket method, and suspect screening using high-resolution mass spectrometry. Environment International, 2019, 128, 343-352.	4.8	98
34	A review of halogenated natural products in Arctic, Subarctic and Nordic ecosystems. Emerging Contaminants, 2019, 5, 89-115.	2.2	40
35	A review on organophosphate Ester (OPE) flame retardants and plasticizers in foodstuffs: Levels, distribution, human dietary exposure, and future directions. Environment International, 2019, 127, 35-51.	4.8	220
36	State of knowledge on current exposure, fate and potential health effects of contaminants in polar bears from the circumpolar Arctic. Science of the Total Environment, 2019, 664, 1063-1083.	3.9	106

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37	Persistent, bioaccumulative, and toxic properties of liquid crystal monomers and their detection in indoor residential dust. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26450-26458.	3.3	76
38	Organophosphate Ester, 2-Ethylhexyl Diphenyl Phosphate (EHDPP), Elicits Cytotoxic and Transcriptomic Effects in Chicken Embryonic Hepatocytes and Its Biotransformation Profile Compared to Humans. Environmental Science & Technology, 2019, 53, 2151-2160.	4.6	57
39	Structure-Dependent <i>in Vitro</i> Metabolism of Alkyl-Substituted Analogues of Triphenyl Phosphate in East Greenland Polar Bears and Ringed Seals. Environmental Science and Technology Letters, 2018, 5, 214-219.	3.9	20
40	Polychlorinated Diphenylsulfides Activate Aryl Hydrocarbon Receptor 2 in Zebrafish Embryos: Potential Mechanism of Developmental Toxicity. Environmental Science & Technology, 2018, 52, 4402-4412.	4.6	22
41	Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears (Ursus maritimus) during 1996â€“2015. Environment International, 2018, 114, 212-218.	4.8	12
42	Covalent binding of the organophosphate insecticide profenofos to tyrosine on Î±- and Î²-tubulin proteins. Chemosphere, 2018, 199, 154-159.	4.2	10
43	Perfluoroalkyl Acids in European Starling Eggs Indicate Landfill and Urban Influences in Canadian Terrestrial Environments. Environmental Science & Technology, 2018, 52, 5571-5580.	4.6	21
44	Liquid Crystal Monomers (LCMs): A New Generation of Persistent Bioaccumulative and Toxic (PBT) Compounds?. Environmental Science & Technology, 2018, 52, 5005-5006.	4.6	57
45	A mixed-mode chromatographic separation method for the analysis of dialkyl phosphates. Journal of Chromatography A, 2018, 1535, 63-71.	1.8	16
46	Persistent organic pollutants, skull size and bone density of polar bears (Ursus maritimus) from East Greenland 1892â€“2015 and Svalbard 1964â€“2004. Environmental Research, 2018, 162, 74-80.	3.7	17
47	<i>In Vitro</i> and <i>in Silico</i> Competitive Binding of Brominated Polyphenyl Ether Contaminants with Human and Gull Thyroid Hormone Transport Proteins. Environmental Science & Technology, 2018, 52, 1533-1541.	4.6	18
48	Organophosphate triesters and selected metabolites enhance binding of thyroxine to human transthyretin in vitro. Toxicology Letters, 2018, 285, 87-93.	0.4	47
49	Organophosphate esters in East Greenland polar bears and ringed seals: Adipose tissue concentrations and inÂvitro depletion and metabolite formation. Chemosphere, 2018, 196, 240-250.	4.2	43
50	Photolysis of highly brominated flame retardants leads to time-dependent dioxin-responsive mRNA expression in chicken embryonic hepatocytes. Chemosphere, 2018, 194, 352-359.	4.2	13
51	Chemical and biological transfer: Which one is responsible for the maternal transfer toxicity of tris(1,3-dichloro-2-propyl) phosphate in zebrafish?. Environmental Pollution, 2018, 243, 1376-1382.	3.7	14
52	Predicting global killer whale population collapse from PCB pollution. Science, 2018, 361, 1373-1376.	6.0	252
53	Unexpected Observations: Exposure to Aromatase Inhibitor Prochloraz Did Not Alter the Vitellogenin Content of Zebrafish Ova but Did Inhibit the Growth of Larval Offspring. Environmental Science and Technology Letters, 2018, 5, 629-634.	3.9	7
54	Down-Regulation of <i>hspb9</i> and <i>hspb11</i> Contributes to Wavy Notochord in Zebrafish Embryos Following Exposure to Polychlorinated Diphenylsulfides. Environmental Science & Technology, 2018, 52, 12829-12840.	4.6	7

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55	Unusually high Deca-BDE concentrations and new flame retardants in a Canadian Arctic top predator, the glaucous gull. Science of the Total Environment, 2018, 639, 977-987.	3.9	42
56	Exposure to tris(1,3-dichloro-2-propyl) phosphate for Two generations decreases fecundity of zebrafish at environmentally relevant concentrations. Aquatic Toxicology, 2018, 200, 178-187.	1.9	21
57	Isomer-Specific Hexabromocyclododecane (HBCDD) Levels in Top Predator Fish from Across Canada and 36-Year Temporal Trends in Lake Ontario. Environmental Science & Technology, 2018, 52, 6197-6207.	4.6	14
58	Immunologic, reproductive, and carcinogenic risk assessment from POP exposure in East Greenland polar bears (Ursus maritimus) during 1983â€"2013. Environment International, 2018, 118, 169-178.	4.8	79
59	In ovo tris(2â€butoxyethyl) phosphate concentrations significantly decrease in late incubation after a single exposure via injection, with no evidence of effects on hatching success or latent effects on growth or reproduction in zebra finches. Environmental Toxicology and Chemistry, 2017, 36, 83-88.	2.2	4
60	Contaminants of emerging concern in Caspian tern compared to herring gull eggs from Michigan colonies in the Great Lakes of North America. Environmental Pollution, 2017, 222, 154-164.	3.7	41
61	Time-dependent inhibitory effects of Tris(1, 3-dichloro-2-propyl) phosphate on growth and transcription of genes involved in the GH/IGF axis, but not the HPT axis, in female zebrafish. Environmental Pollution, 2017, 229, 470-478.	3.7	43
62	Exploring adduct formation between human serum albumin and eleven organophosphate ester flame retardants and plasticizers using MALDI-TOF/TOF and LC-Q/TOF. Chemosphere, 2017, 180, 169-177.	4.2	17
63	A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. Chemosphere, 2017, 176, 243-248.	4.2	11
64	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. Environmental Science & Technology, 2017, 51, 11431-11439.	4.6	56
65	Establishment of a three-step method to evaluate effects of chemicals on development of zebrafish embryo/larvae. Chemosphere, 2017, 186, 209-217.	4.2	2
66	Side-chain fluorinated polymer surfactants in aquatic sediment and biosolid-augmented agricultural soil from the Great Lakes basin of North America. Science of the Total Environment, 2017, 607-608, 262-270.	3.9	37
67	Volatile Methylsiloxanes and Organophosphate Esters in the Eggs of European Starlings (<i>Sturnus) Tj ETQq1 1 0.784314 rgBT /Overlo Technology, 2017, 51, 9836-9845.	4.6	28
68	Optimization of an in vitro assay methodology for competitive binding of thyroidogenic xenobiotics with thyroxine on human transthyretin and albumin. MethodsX, 2017, 4, 404-412.	0.7	2
69	Whole-Life-Stage Characterization in the Basic Biology of <i>Daphnia magna</i> and Effects of TDCIPP on Growth, Reproduction, Survival, and Transcription of Genes. Environmental Science & Technology, 2017, 51, 13967-13975.	4.6	48
70	Spatiotemporal patterns and relationships among the diet, biochemistry, and exposure to flame retardants in an apex avian predator, the peregrine falcon. Environmental Research, 2017, 158, 43-53.	3.7	35
71	Halogenated Flame Retardants in Predator and Prey Fish From the Laurentian Great Lakes: Age-Dependent Accumulation and Trophic Transfer. Environmental Science & Technology, 2017, 51, 8432-8441.	4.6	36
72	A Review of Organophosphate Esters in the Environment from Biological Effects to Distribution and Fate. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 2-7.	1.3	180

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73	Parental transfer of tris(1,3-dichloro-2-propyl) phosphate and transgenerational inhibition of growth of zebrafish exposed to environmentally relevant concentrations. Environmental Pollution, 2017, 220, 196-203.	3.7	74
74	In Vitro Metabolism of Photolytic Breakdown Products of Tetradecabromo-1,4-diphenoxybenzene Flame Retardant in Herring Gull and Rat Liver Microsomal Assays. Environmental Science & Technology, 2016, 50, 8335-8343.	4.6	7
75	Multigenerational effects of tris(1,3-dichloro-2-propyl) phosphate on the free-living ciliate protozoa Tetrahymena thermophila exposed to environmentally relevant concentrations and after subsequent recovery. Environmental Pollution, 2016, 218, 50-58.	3.7	22
76	Environmentally relevant organophosphate triesters in herring gulls: In vitro biotransformation and kinetics and diester metabolite formation using a hepatic microsomal assay. Toxicology and Applied Pharmacology, 2016, 308, 59-65.	1.3	91
77	A Reagent-Free Screening Assay for Evaluation of the Effects of Chemicals on the Proliferation and Morphology of HeLa-GFP Cells. Environmental Science and Technology Letters, 2016, 3, 322-326.	3.9	3
78	Retrospective analysis of organophosphate flame retardants in herring gull eggs and relation to the aquatic food web in the Laurentian Great Lakes of North America. Environmental Research, 2016, 150, 255-263.	3.7	93
79	Acute Exposure to Tris(1,3-dichloro-2-propyl) Phosphate (TDCIPP) Causes Hepatic Inflammation and Leads to Hepatotoxicity in Zebrafish. Scientific Reports, 2016, 6, 19045.	1.6	45
80	Organophosphate Flame Retardants and Plasticizers in Aqueous Solution: pH-Dependent Hydrolysis, Kinetics, and Pathways. Environmental Science & Technology, 2016, 50, 8103-8111.	4.6	130
81	Spatio-temporal trends and monitoring design of perfluoroalkyl acids in the eggs of gull (Larid) species from across Canada and parts of the United States. Science of the Total Environment, 2016, 565, 440-450.	3.9	22
82	Sunlight Irradiation of Highly Brominated Polyphenyl Ethers Generates Polybenzofuran Products That Alter Dioxin-responsive mRNA Expression in Chicken Hepatocytes. Environmental Science & Technology, 2016, 50, 2318-2327.	4.6	19
83	A New Fluorinated Surfactant Contaminant in Biota: Perfluorobutane Sulfonamide in Several Fish Species. Environmental Science & Technology, 2016, 50, 669-675.	4.6	90
84	Determination of glucuronide conjugates of hydroxyl triphenyl phosphate (OH-TPHP) metabolites in human urine and its use as a biomarker of TPHP exposure. Chemosphere, 2016, 149, 314-319.	4.2	39
85	Organophosphate pesticide method development and presence of chlorpyrifos in the feet of nearctic-neotropical migratory songbirds from Canada that over-winter in Central America agricultural areas. Chemosphere, 2016, 144, 827-835.	4.2	7
86	Trends of polybrominated diphenyl ethers and hexabromocyclododecane in eggs of Canadian Arctic seabirds reflect changing use patterns. Environmental Research, 2015, 142, 651-661.	3.7	40
87	A review of ecological impacts of global climate change on persistent organic pollutant and mercury pathways and exposures in arctic marine ecosystems. Environmental Epigenetics, 2015, 61, 617-628.	0.9	116
88	Determination of organophosphate diesters in urine samples by a high-sensitivity method based on ultra high pressure liquid chromatography-triple quadrupole-mass spectrometry. Journal of Chromatography A, 2015, 1426, 154-160.	1.8	41
89	Penile density and globally used chemicals in Canadian and Greenland polar bears. Environmental Research, 2015, 137, 287-291.	3.7	34
90	Hexabromocyclododecane Flame Retardant Isomers in Sediments from Detroit River and Lake Erie of the Laurentian Great Lakes of North America. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 31-36.	1.3	19

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91	Uptake, distribution, depletion, and in ovo transfer of isomers of hexabromocyclododecane flame retardant in dietâ€exposed American kestrels (<i>Falco sparverius</i>). Environmental Toxicology and Chemistry, 2015, 34, 1103-1112.	2.2	23
92	Methodology and determination of tetradecabromo-1,4-diphenoxybenzene flame retardant and breakdown by-products in sediments from the Laurentian Great Lakes. Chemosphere, 2015, 118, 342-349.	4.2	9
93	Investigating Endocrine and Physiological Parameters of Captive American Kestrels Exposed by Diet to Selected Organophosphate Flame Retardants. Environmental Science & Technology, 2015, 49, 7448-7455.	4.6	60
94	Determination of organophosphate flame retardants and plasticizers in lipid-rich matrices using dispersive solid-phase extraction as a sample cleanup step and ultra-high performance liquid chromatography with atmospheric pressure chemical ionization mass spectrometry. Analytica Chimica Acta, 2015, 885, 183-190.	2.6	49
95	Physiologically-based pharmacokinetic modelling of immune, reproductive and carcinogenic effects from contaminant exposure in polar bears (Ursus maritimus) across the Arctic. Environmental Research, 2015, 140, 45-55.	3.7	77
96	Legacy and emerging organic pollutants in liver and plasma of long-finned pilot whales (Globicephala) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 270-285.	3.9	22
97	<i>In Vitro</i> Metabolism of the Flame Retardant Triphenyl Phosphate in Chicken Embryonic Hepatocytes and the Importance of the Hydroxylation Pathway. Environmental Science and Technology Letters, 2015, 2, 100-104.	3.9	81
98	Environmentally Relevant Concentrations of the Flame Retardant Tris(1,3-dichloro-2-propyl) Phosphate Inhibit Growth of Female Zebrafish and Decrease Fecundity. Environmental Science & Technology, 2015, 49, 14579-14587.	4.6	107
99	Spatial and temporal comparisons of legacy and emerging flame retardants in herring gull eggs from colonies spanning the Laurentian Great Lakes of Canada and United States. Environmental Research, 2015, 142, 720-730.	3.7	64
100	Effects of Tris(1,3-dichloro-2-propyl) Phosphate on Growth, Reproduction, and Gene Transcription of <i>Daphnia magna</i> at Environmentally Relevant Concentrations. Environmental Science & Technology, 2015, 49, 12975-12983.	4.6	81
101	Biochemical and Transcriptomic Effects of Herring Gull Egg Extracts from Variably Contaminated Colonies of the Laurentian Great Lakes in Chicken Hepatocytes. Environmental Science & Technology, 2015, 49, 10190-10198.	4.6	21
102	Thyroid hormones and deiodinase activity in plasma and tissues in relation to high levels of organohalogen contaminants in East Greenland polar bears (Ursus maritimus). Environmental Research, 2015, 136, 413-423.	3.7	40
103	Rapid in Vitro Metabolism of the Flame Retardant Triphenyl Phosphate and Effects on Cytotoxicity and mRNA Expression in Chicken Embryonic Hepatocytes. Environmental Science & Technology, 2014, 48, 13511-13519.	4.6	180
104	Liquid chromatography-electrosprayâ€"tandem mass spectrometry method for determination of organophosphate diesters in biotic samples including Great Lakes herring gull plasma. Journal of Chromatography A, 2014, 1374, 85-92.	1.8	45
105	Steroid hormones in blood plasma from Greenland sledge dogs (<i>Canis familiaris</i>) dietary exposed to organohalogen polluted minke whale (<i>Balaenoptera acuterostrata</i>) blubber. Toxicological and Environmental Chemistry, 2014, 96, 273-286.	0.6	23
106	Photolytic Degradation Products of Two Highly Brominated Flame Retardants Cause Cytotoxicity and mRNA Expression Alterations in Chicken Embryonic Hepatocytes. Environmental Science & Technology, 2014, 48, 12039-12046.	4.6	38
107	Comparative Body Compartment Composition and <i>In Ovo</i> Transfer of Organophosphate Flame Retardants in North American Great Lakes Herring Gulls. Environmental Science & Technology, 2014, 48, 7942-7950.	4.6	166
108	Organophosphate flame retardants and organosiloxanes in predatory freshwater fish from locations across Canada. Environmental Pollution, 2014, 193, 254-261.	3.7	100

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109	Tris(2-butoxyethyl)phosphate and triethyl phosphate alter embryonic development, hepatic mRNA expression, thyroid hormone levels, and circulating bile acid concentrations in chicken embryos. Toxicology and Applied Pharmacology, 2014, 279, 303-310.	1.3	46
110	<i>In Vitro</i> Metabolic Formation of Perfluoroalkyl Sulfonamides from Copolymer Surfactants of Pre- and Post-2002 Scotchgard Fabric Protector Products. Environmental Science & Technology, 2014, 48, 6184-6191.	4.6	41
111	1,2-Dibromo-4-(1,2-dibromoethyl)-cyclohexane and tris(methylphenyl) phosphate cause significant effects on development, mRNA expression, and circulating bile acid concentrations in chicken embryos. Toxicology and Applied Pharmacology, 2014, 277, 279-287.	1.3	27
112	Comparative hepatic in vitro depletion and metabolite formation of major perfluorooctane sulfonate precursors in arctic polar bear, beluga whale, and ringed seal. Chemosphere, 2014, 112, 225-231.	4.2	46
113	Perfluoroalkyl acids in the Canadian environment: Multi-media assessment of current status and trends. Environment International, 2013, 59, 183-200.	4.8	65
114	Three decades (1983â€"2010) of contaminant trends in East Greenland polar bears (Ursus maritimus). Part 2: Brominated flame retardants. Environment International, 2013, 59, 494-500.	4.8	60
115	Three decades (1983â€"2010) of contaminant trends in East Greenland polar bears (Ursus maritimus). Part 1: Legacy organochlorine contaminants. Environment International, 2013, 59, 485-493.	4.8	74
116	In Ovo Effects of Two Organophosphate Flame Retardantsâ€"TCPP and TDCPPâ€"on Pipping Success, Development, mRNA Expression, and Thyroid Hormone Levels in Chicken Embryos. Toxicological Sciences, 2013, 134, 92-102.	1.4	169
117	Global change effects on the longâ€term feeding ecology and contaminant exposures of <scp>E</scp>ast <scp>G</scp>reenland polar bears. Global Change Biology, 2013, 19, 2360-2372.	4.2	147
118	Tetradecabromodiphenoxybenzene Flame Retardant Undergoes Photolytic Debromination. Environmental Science & Technology, 2013, 47, 1373-1380.	4.6	20
119	European Starlings (Sturnus vulgaris) Suggest That Landfills Are an Important Source of Bioaccumulative Flame Retardants to Canadian Terrestrial Ecosystems. Environmental Science & Technology, 2013, 47, 12238-12247.	4.6	54
120	Reply to Comment on â€œNovel Methoxylated Polybrominated Diphenoxybenzene Congeners and Possible Sources in Herring Gull Eggs from the Laurentian Great Lakes of North Americaâ€. Environmental Science & Technology, 2012, 46, 3589-3590.	4.6	6
121	Flame retardants in eggs of American kestrels and European starlings from southern Lake Ontario region (North America). Journal of Environmental Monitoring, 2012, 14, 2870.	2.1	22
122	Novel Flame Retardants in Urban-Feeding Ring-Billed Gulls from the St. Lawrence River, Canada. Environmental Science & Technology, 2012, 46, 9735-9744.	4.6	93
123	Newly Discovered Methoxylated Polybrominated Diphenoxybenzenes Have Been Contaminants in the Great Lakes Herring Gull Eggs for Thirty Years. Environmental Science & Technology, 2012, 46, 9456-9463.	4.6	14
124	Determination of non-halogenated, chlorinated and brominated organophosphate flame retardants in herring gull eggs based on liquid chromatographyâ€"tandem quadrupole mass spectrometry. Journal of Chromatography A, 2012, 1220, 169-174.	1.8	142
125	Flame retardants in eggs of four gull species (Laridae) from breeding sites spanning Atlantic to Pacific Canada. Environmental Pollution, 2012, 168, 1-9.	3.7	91
126	Twenty years of temporal change in perfluoroalkyl sulfonate and carboxylate contaminants in herring gull eggs from the Laurentian Great Lakes. Journal of Environmental Monitoring, 2011, 13, 3365.	2.1	51

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127	Novel Methoxylated Polybrominated Diphenoxybenzene Congeners and Possible Sources in Herring Gull Eggs from the Laurentian Great Lakes of North America. Environmental Science & Technology, 2011, 45, 9523-9530.	4.6	40
128	Monitoring of Perfluorinated Compounds in Aquatic Biota: An Updated Review. Environmental Science & Technology, 2011, 45, 7962-7973.	4.6	663
129	Flame retardants and legacy contaminants in polar bears from Alaska, Canada, East Greenland and Svalbard, 2005â€“2008. Environment International, 2011, 37, 365-374.	4.8	102
130	Perfluoroalkyl carboxylates and sulfonates and precursors in relation to dietary source tracers in the eggs of four species of gulls (Larids) from breeding sites spanning Atlantic to Pacific Canada. Environment International, 2011, 37, 1175-1182.	4.8	59
131	Contemporary 14C radiocarbon levels of oxygenated polybrominated diphenyl ethers (O-PBDEs) isolated in spongeâ€“cyanobacteria associations. Marine Pollution Bulletin, 2011, 62, 631-636.	2.3	24
132	Dicationic ion-pairing of phosphoric acid diesters post-liquid chromatography and subsequent determination by electrospray positive ionization-tandem mass spectrometry. Journal of Chromatography A, 2011, 1218, 8083-8088.	1.8	42
133	Comparative hepatic microsomal biotransformation of selected PBDEs, including decabromodiphenyl ether, and decabromodiphenyl ethane flame retardants in Arctic marineâ€feeding mammals. Environmental Toxicology and Chemistry, 2011, 30, 1506-1514.	2.2	55
134	Exposure and effects assessment of persistent organohalogen contaminants in arctic wildlife and fish. Science of the Total Environment, 2010, 408, 2995-3043.	3.9	660
135	Pipping Success, Isomer-Specific Accumulation, and Hepatic mRNA Expression in Chicken Embryos Exposed to HBCD. Toxicological Sciences, 2010, 115, 492-500.	1.4	38
136	Recombinant Albumin and Transthyretin Transport Proteins from Two Gull Species and Human: Chlorinated and Brominated Contaminant Binding and Thyroid Hormones. Environmental Science & Technology, 2010, 44, 497-504.	4.6	84
137	Historical Contaminants, Flame Retardants, and Halogenated Phenolic Compounds in Peregrine Falcon (<i>Falco peregrinus</i>) Nestlings in the Canadian Great Lakes Basin. Environmental Science & Technology, 2010, 44, 3520-3526.	4.6	61
138	High-Sensitivity Method for Determination of Tetrabromobisphenol-S and Tetrabromobisphenol-A Derivative Flame Retardants in Great Lakes Herring Gull Eggs by Liquid Chromatographyâ^'Atmospheric Pressure Photoionizationâ^'Tandem Mass Spectrometry. Environmental Science & Technology, 2010, 44, 8615-8621.	4.6	74
139	Metabolism of Polybrominated Diphenyl Ethers (PBDEs) by Human Hepatocytes <i>in Vitro</i>. Environmental Health Perspectives, 2009, 117, 197-202.	2.8	212
140	Recombinant Transthyretin Purification and Competitive Binding with Organohalogen Compounds in Two Gull Species (Larus argentatus and Larus hyperboreus). Toxicological Sciences, 2009, 107, 440-450.	1.4	97
141	Biochemical tracers reveal intra-specific differences in the food webs utilized by individual seabirds. Oecologia, 2009, 160, 15-23.	0.9	41
142	Polybrominated Diphenyl Ethers and Their Hydroxylated Analogues in Ringed Seals (<i>Phoca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 3494-3499.	4.6	70
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