

# Exposure and effects assessment of persistent organohalogen compounds in wildlife and fish

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Environmental Toxicology. , 2009, , 251-254.		2
2	Reproductive performance in East Greenland polar bears ( <i>Ursus maritimus</i> ) may be affected by organohalogen contaminants as shown by physiologically-based pharmacokinetic (PBPK) modelling. <i>Chemosphere</i> , 2009, 77, 1558-1568.	4.2	62
3	Brominated flame retardants in the Arctic environment – trends and new candidates. <i>Science of the Total Environment</i> , 2010, 408, 2885-2918.	3.9	632
4	Fluctuating wing asymmetry and hepatic concentrations of persistent organic pollutants are associated in European shag ( <i>Phalacrocorax aristotelis</i> ) chicks. <i>Science of the Total Environment</i> , 2010, 408, 578-585.	3.9	29
5	Trends of legacy and new persistent organic pollutants in the circumpolar arctic: Overview, conclusions, and recommendations. <i>Science of the Total Environment</i> , 2010, 408, 3044-3051.	3.9	188
6	Levels and trends of poly- and perfluorinated compounds in the arctic environment. <i>Science of the Total Environment</i> , 2010, 408, 2936-2965.	3.9	383
7	A screening of persistent organohalogenated contaminants in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , 2010, 408, 5613-5618.	3.9	30
8	Trans-generational and neonatal humoral immune responses in West Greenland sledge dogs ( <i>Canis</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i> <i>Environment</i> , 2010, 408, 5801-5807.	3.9	13
9	The role of diet on long-term concentration and pattern trends of brominated and chlorinated contaminants in western Hudson Bay polar bears, 1991–2007. <i>Science of the Total Environment</i> , 2010, 408, 6210-6222.	3.9	91
10	Relationship between persistent halogenated organic contaminants and TCDD-toxic equivalents on EROD activity and retinoid and thyroid hormone status in northern fulmars. <i>Science of the Total Environment</i> , 2010, 408, 6117-6123.	3.9	12
11	Polyhalogenated aromatic hydrocarbons and metabolites: Relation to circulating thyroid hormone and retinol in nestling bald eagles ( <i>Haliaeetus leucocephalus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1301-1310.	2.2	22
12	Risk-based analysis of polychlorinated biphenyl toxicity in harbor seals. <i>Integrated Environmental Assessment and Management</i> , 2010, 6, 631-640.	1.6	42
13	Comparative endocrine disruptive effects of contaminants in ringed seals ( <i>Phoca hispida</i> ) from Svalbard and the Baltic Sea. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 306-312.	1.3	32
14	Screening of thyroid gland histology in organohalogen-contaminated glaucous gulls ( <i>Larus</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i> 1705-1713.	0.6	6
15	Recombinant Albumin and Transthyretin Transport Proteins from Two Gull Species and Human: Chlorinated and Brominated Contaminant Binding and Thyroid Hormones. <i>Environmental Science &amp; Technology</i> , 2010, 44, 497-504.	4.6	84
16	Health effects from long-range transported contaminants in Arctic top predators: An integrated review based on studies of polar bears and relevant model species. <i>Environment International</i> , 2010, 36, 461-491.	4.8	237
17	The Svalbard Glaucous Gull as Bioindicator Species in the European Arctic: Insight from 35 Years of Contaminants Research. <i>Reviews of Environmental Contamination and Toxicology</i> , 2010, 205, 77-116.	0.7	21
18	Variability in Pesticide Deposition and Source Contributions to Snowpack in Western U.S. National Parks. <i>Environmental Science &amp; Technology</i> , 2010, 44, 4452-4458.	4.6	53

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19	Temporal trends of contaminants in Arctic char ( <i>Salvelinus alpinus</i> ) from a small lake, southwest Greenland during a warming climate. <i>Journal of Environmental Monitoring</i> , 2010, 12, 2252.	2.1	30
20	Global climate change and contaminants— an overview of opportunities and priorities for modelling the potential implications for long-term human exposure to organic compounds in the Arctic. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1532.	2.1	63
21	Habitat loss, climate change, and emerging conservation challenges in Canada<sup>1</sup>This review is part of the virtual symposium “Flagship Species” “Flagship Problems” that deals with ecology, biodiversity and management issues, and climate impacts on species at risk and of Canadian importance, including the polar bear ( <i>Ursus maritimus</i> ), Atlantic cod ( <i>Gadus morhua</i> ), Piping Plover ( <i>Charadrius melodus</i> ), and caribou ( <i>Rangifer tarandus</i> ). <i>Canadian Journal of Zoology</i> , 2011, 89, 435-451.	0.4	34
22	Coming in from the cold. <i>Nature Climate Change</i> , 2011, 1, 247-248.	8.1	10
23	PCB-Associated Changes in mRNA Expression in Killer Whales ( <i>Orcinus orca</i> ) from the NE Pacific Ocean. <i>Environmental Science &amp; Technology</i> , 2011, 45, 10194-10202.	4.6	72
24	Novel Methoxylated Polybrominated Diphenoxybenzene Congeners and Possible Sources in Herring Gull Eggs from the Laurentian Great Lakes of North America. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9523-9530.	4.6	40
25	Toward a Consistent Evaluative Framework for POP Risk Characterization. <i>Environmental Science &amp; Technology</i> , 2011, 45, 97-103.	4.6	24
26	Regional Contamination versus Regional Dietary Differences: Understanding Geographic Variation in Brominated and Chlorinated Contaminant Levels in Polar Bears. <i>Environmental Science &amp; Technology</i> , 2011, 45, 896-902.	4.6	49
27	Estuarine and Marine Pollutants. <i>Issues in Environmental Science and Technology</i> , 2011, , 68-94.	0.4	1
28	Organochlorine and Metal Contaminants in Traditional Foods from St. Lawrence Island, Alaska. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 1195-1214.	1.1	37
29	Accumulation and Effects of Natural Mixtures of Persistent Organic Pollutants (POP) in Zebrafish after Two Generations of Exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 407-423.	1.1	29
30	Monitoring of Perfluorinated Compounds in Aquatic Biota: An Updated Review. <i>Environmental Science &amp; Technology</i> , 2011, 45, 7962-7973.	4.6	663
31	Long-term food-exposure of zebrafish to PCB mixtures mimicking some environmental situations induces ovary pathology and impairs reproduction ability. <i>Aquatic Toxicology</i> , 2011, 105, 270-278.	1.9	69
32	Levels and patterns of hydroxylated polychlorinated biphenyls (OH-PCBs) and their associations with thyroid hormones in hooded seal ( <i>Cystophora cristata</i> ) mother-pup pairs. <i>Aquatic Toxicology</i> , 2011, 105, 482-491.	1.9	49
33	Health effects of persistent organic pollutants: the challenge for the Pacific Basin and for the world. <i>Reviews on Environmental Health</i> , 2011, 26, 61-9.	1.1	62
34	Blood-based biomarkers of selenium and thyroid status indicate possible adverse biological effects of mercury and polychlorinated biphenyls in Southern Beaufort Sea polar bears. <i>Environmental Research</i> , 2011, 111, 1124-1136.	3.7	42
35	Alterations in thyroid hormone status in Greenland sledge dogs exposed to whale blubber contaminated with organohalogen compounds. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 157-163.	2.9	30
36	Flame retardants and legacy contaminants in polar bears from Alaska, Canada, East Greenland and Svalbard, 2005-2008. <i>Environment International</i> , 2011, 37, 365-374.	4.8	102

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37	A first evaluation of the usefulness of feathers of nestling predatory birds for non-destructive biomonitoring of persistent organic pollutants. <i>Environment International</i> , 2011, 37, 622-630.	4.8	73
38	Exposure to mixtures of organohalogen contaminants and associative interactions with thyroid hormones in East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environment International</i> , 2011, 37, 694-708.	4.8	51
39	Body feathers as a potential new biomonitoring tool in raptors: A study on organohalogenated contaminants in different feather types and preen oil of West Greenland white-tailed eagles ( <i>Haliaeetus albicilla</i> ). <i>Environment International</i> , 2011, 37, 1349-1356.	4.8	56
40	Comparison of the Enantiomer Distribution of Chiral Organochlorine Contaminants in Captive West Greenland Sled Dogs and Polar Bears from Baffin Bay. <i>ACS Symposium Series</i> , 2011, , 45-63.	0.5	2
41	Thyroid gland lesions in organohalogen contaminated East Greenland polar bears ( <i>Ursus</i> ). <i>Environmental Health Perspectives</i> , 2011, 119, 582-588.	0.6	18
42	Disruptive effects of persistent organohalogen contaminants on thyroid function in white whales ( <i>Delphinapterus leucas</i> ) from Svalbard. <i>Science of the Total Environment</i> , 2011, 409, 2511-2524.	3.9	67
43	Distribution of vitamins A (retinol) and E ( $\alpha$ -tocopherol) in polar bear kidney: Implications for biomarker studies. <i>Science of the Total Environment</i> , 2011, 409, 3508-3511.	3.9	9
44	Altered developmental timing in early life stages of Antarctic krill ( <i>Euphausia superba</i> ) exposed to polychlorinated biphenyls (PCBs). <i>Science of the Total Environment</i> , 2011, 409, 5268-5276.	3.9	9
45	A comparison of non-destructive sampling strategies to assess the exposure of white-tailed eagle nestlings ( <i>Haliaeetus albicilla</i> ) to persistent organic pollutants. <i>Science of the Total Environment</i> , 2011, 410-411, 258-265.	3.9	43
46	Contemporary <sup>14</sup> C radiocarbon levels of oxygenated polybrominated diphenyl ethers (O-PBDEs) isolated in sponge-cyanobacteria associations. <i>Marine Pollution Bulletin</i> , 2011, 62, 631-636.	2.3	24
47	A review of <i>Brucella</i> infection in marine mammals, with special emphasis on <i>Brucella pinnipedialis</i> in the hooded seal ( <i>Cystophora cristata</i> ). <i>Veterinary Research</i> , 2011, 42, 93.	1.1	110
48	Effects of environmental exposure and diet on levels of persistent organic pollutants (POPs) in eggs of a top predator in the North Atlantic in 1980 and 2008. <i>Environmental Pollution</i> , 2011, 159, 1222-1228.	3.7	33
49	Biomarker responses associated with halogenated organic contaminants in northern fulmars ( <i>Fulmarus glacialis</i> ) breeding in the Canadian Arctic. <i>Environmental Pollution</i> , 2011, 159, 2891-2898.	3.7	22
50	Organochlorine concentrations in franciscana dolphins, <i>Pontoporia blainvillei</i> , from Brazilian waters. <i>Chemosphere</i> , 2011, 84, 882-887.	4.2	46
51	Organohalogen compounds and their metabolites in the blood of Japanese amberjack ( <i>Seriola lalandi</i> ). <i>Chemosphere</i> , 2011, 85, 315-321.	4.2	40
52	Analysis of Thyroid Hormones in Serum of Baikal Seals and Humans by Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) and Immunoassay Methods: Application of the LC-MS/MS Method to Wildlife Tissues. <i>Environmental Science &amp; Technology</i> , 2011, 45, 10140-10147.	4.6	39
53	Species-Specific Differences and Structure-Activity Relationships in the Debromination of PBDE Congeners in Three Fish Species. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1999-2005.	4.6	190
54	Transcriptomic analyses in a benthic fish exposed to contaminated estuarine sediments through laboratory and in situ bioassays. <i>Ecotoxicology</i> , 2011, 20, 1749-1764.	1.1	17

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55	Thyroid disruption effects of environmental level perfluorooctane sulfonates (PFOS) in <i>Xenopus laevis</i> . <i>Ecotoxicology</i> , 2011, 20, 2069-2078.	1.1	36
56	Toxicokinetics of mercury in blood compartments and hair of fish-fed sled dogs. <i>Acta Veterinaria Scandinavica</i> , 2011, 53, 66.	0.5	34
57	Simultaneous determination of three naturally occurring estrogens in environmental waters by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2011, 34, 2371-2375.	1.3	10
58	Seasonality in contaminant accumulation in Arctic marine pelagic food webs using trophic magnification factor as a measure of bioaccumulation. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1026-1035.	2.2	71
59	Comparative hepatic microsomal biotransformation of selected PBDEs, including decabromodiphenyl ether, and decabromodiphenyl ethane flame retardants in Arctic marine-feeding mammals. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1506-1514.	2.2	55
60	PCB and organochlorine pesticides in northern fulmars ( <i>Fulmarus glacialis</i> ) from a High Arctic colony: Chemical exposure, fate, and transfer to predators. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2055-2064.	2.2	15
61	Embryos as targets of endocrine disrupting contaminants in wildlife. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2011, 93, 19-33.	3.6	65
62	Concentrations of mercury and polychlorinated biphenyls in blood of Southern Beaufort Sea polar bears ( <i>Ursus maritimus</i> ) during spring: variations with lipids and stable isotope ( $\delta^{15}\text{N}$ , $\delta^{13}\text{C}$ ) values. <i>Canadian Journal of Zoology</i> , 2011, 89, 999-1012.	0.4	15
63	A changing climate for insurance. <i>Nature Climate Change</i> , 2011, 1, 248-250.	8.1	7
64	Prenatal Methylmercury, Postnatal Lead Exposure, and Evidence of Attention Deficit/Hyperactivity Disorder among Inuit Children in Arctic Québec. <i>Environmental Health Perspectives</i> , 2012, 120, 1456-1461.	2.8	168
65	Circulating Levels of Persistent Organic Pollutants (POPs) and Carotid Atherosclerosis in the Elderly. <i>Environmental Health Perspectives</i> , 2012, 120, 38-43.	2.8	98
66	Should autism be considered a canary bird telling that <i>Homo sapiens</i> may be on its way to extinction?. <i>Microbial Ecology in Health and Disease</i> , 2012, 23, .	3.8	2
67	Surface Modified Magnetic Silica Particles for the Immobilization of Laccase and its Use for Pentachlorophenol Removal in Water. <i>Applied Mechanics and Materials</i> , 0, 178-181, 657-660.	0.2	0
68	Perfluorinated Compounds. <i>Exs</i> , 2012, 101, 47-86.	1.4	71
70	Pesticide Residues in Birds and Mammals. , 2012, , 410-483.		1
71	Pesticides and Skin Diseases in Man. , 2012, , 542-559.		0
72	NanoSIMS50 – a powerful tool to elucidate cellular localization of halogenated organic compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2693-2698.	1.9	11
73	Trophic Transfer of Contaminants in a Changing Arctic Marine Food Web: Cumberland Sound, Nunavut, Canada. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9914-9922.	4.6	61

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74	Influence of carbon and lipid sources on variation of mercury and other trace elements in polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2739-2747.	2.2	26
75	Flame retardants in eggs of American kestrels and European starlings from southern Lake Ontario region (North America). <i>Journal of Environmental Monitoring</i> , 2012, 14, 2870.	2.1	22
76	Long-term trends in reproductive and demographic parameters of female Northwest Atlantic hooded seals ( <i>Cystophora cristata</i> ): population responses to ecosystem change?. <i>Canadian Journal of Zoology</i> , 2012, 90, 376-392.	0.4	16
77	Assessment of legacy and emerging persistent organic pollutants in Weddell seal tissue ( <i>Leptonychotes weddellii</i> ) near McMurdo Sound, Antarctica. <i>Science of the Total Environment</i> , 2012, 439, 275-283.	3.9	42
78	Tissue-Specific Concentrations and Patterns of Perfluoroalkyl Carboxylates and Sulfonates in East Greenland Polar Bears. <i>Environmental Science &amp; Technology</i> , 2012, 46, 11575-11583.	4.6	91
79	Dietary Contaminant Exposure Affects Plasma Testosterone, but not Thyroid Hormones, Vitamin A, and Vitamin E, in Male Juvenile Arctic Foxes ( <i>Vulpes lagopus</i> ). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 1298-1313.	1.1	14
80	Temporal Dynamics of Circulating Persistent Organic Pollutants in a Fasting Seabird under Different Environmental Conditions. <i>Environmental Science &amp; Technology</i> , 2012, 46, 10287-10294.	4.6	36
81	Teleost fish ( <i>Solea solea</i> ): A novel model for ecotoxicological assay of contaminated sediments. <i>Aquatic Toxicology</i> , 2012, 109, 133-142.	1.9	34
82	Associations between complex OHC mixtures and thyroid and cortisol hormone levels in East Greenland polar bears. <i>Environmental Research</i> , 2012, 116, 26-35.	3.7	51
83	Blood plasma clinical chemical parameters as biomarker endpoints for organohalogen contaminant exposure in Norwegian raptor nestlings. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 76-83.	2.9	48
84	Polybrominated diphenyl ethers (PBDEs) in marine mammals from Arctic and North Atlantic regions, 1986-2009. <i>Environment International</i> , 2012, 40, 102-109.	4.8	70
85	Measuring environmental stress in East Greenland polar bears, 1892-1927 and 1988-2009: What does hair cortisol tell us?. <i>Environment International</i> , 2012, 45, 15-21.	4.8	65
86	PCDD/F and PCB concentrations in sera from the Canadian Health Measures Survey (CHMS) from 2007 to 2009. <i>Environment International</i> , 2012, 47, 48-55.	4.8	31
87	Temporal monitoring of liver and kidney lesions in contaminated East Greenland polar bears ( <i>Ursus</i> )	4.8	16
89	Perfluoroalkyl substances in polar bear mother-cub pairs: A comparative study based on plasma levels from 1998 and 2008. <i>Environment International</i> , 2012, 49, 92-99.	4.8	60
90	A luciferase reporter gene assay and aryl hydrocarbon receptor 1 genotype predict the LD50 of polychlorinated biphenyls in avian species. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 390-401.	1.3	32
91	The Complex Interaction between Marine Debris and Toxic Chemicals in the Ocean. <i>Environmental Science &amp; Technology</i> , 2012, 46, 12302-12315.	4.6	595
92	Two decades of biomonitoring polar bear health in Greenland: a review. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, .	0.5	68

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93	Effects of persistent environmental pollutants on the HPA-axis. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, .	0.5	0
94	Ecophysiology of avian migration in the face of current global hazards. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1719-1732.	1.8	106
95	New developments on emerging organic pollutants in the atmosphere. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1875-1884.	2.7	29
96	Differential changes of fat-soluble vitamins and pollutants during lactation in northern elephant seal motherâ€“pup pairs. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 162, 323-330.	0.8	19
97	Lactational transfer of mercury and polychlorinated biphenyls in polar bears. <i>Chemosphere</i> , 2012, 88, 395-402.	4.2	25
98	Relationships between POPs and baseline corticosterone levels in black-legged kittiwakes ( <i>Rissa</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.7	33
99	Flame retardants in eggs of four gull species ( <i>Laridae</i> ) from breeding sites spanning Atlantic to Pacific Canada. <i>Environmental Pollution</i> , 2012, 168, 1-9.	3.7	91
100	Tracking contaminants in seabirds of Arctic Canada: Temporal and spatial insights. <i>Marine Pollution Bulletin</i> , 2012, 64, 1475-1484.	2.3	77
101	Histopathologic changes in the uterus, cervix and vagina of immature CD-1 mice exposed to low doses of perfluorooctanoic acid (PFOA) in a uterotrophic assay. <i>Reproductive Toxicology</i> , 2012, 33, 506-512.	1.3	38
102	Halogenated organic contaminants and their correlations with circulating thyroid hormones in developing Arctic seabirds. <i>Science of the Total Environment</i> , 2012, 414, 248-256.	3.9	54
103	PCBs and OH-PCBs in polar bear motherâ€“cub pairs: A comparative study based on plasma levels in 1998 and 2008. <i>Science of the Total Environment</i> , 2012, 417-418, 117-128.	3.9	70
104	Eggshell thinning and decreased concentrations of vitamin E are associated with contaminants in eggs of ivory gulls. <i>Science of the Total Environment</i> , 2012, 431, 92-99.	3.9	33
105	Organochlorine compound accumulation in delphinids from Rio de Janeiro State, southeastern Brazilian coast. <i>Science of the Total Environment</i> , 2012, 433, 123-131.	3.9	52
106	Biology of the Greenland shark <i>Somniosus microcephalus</i> . <i>Journal of Fish Biology</i> , 2012, 80, 991-1018.	0.7	103
107	Levels and trends of industrial chemicals (PCBs, PFCs, PBDEs) in archived herring gull eggs from German coastal regions. <i>Environmental Sciences Europe</i> , 2012, 24, .	2.6	34
108	Trophic magnification factors: Considerations of ecology, ecosystems, and study design. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 64-84.	1.6	365
109	Two high-throughput screening assays for aberrant RNAâ€“protein interactions in myotonic dystrophy type 1. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1889-1898.	1.9	49
110	Eutrophication. , 2013, , 491-498.		0



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111	Ecotoxicity of Taste and Odor Compounds. , 2013, , 337-352.		3
112	Size and density of East Greenland polar bear ( <i>Ursus maritimus</i> ) skulls: Valuable bio-indicators of environmental changes?. <i>Ecological Indicators</i> , 2013, 34, 290-295.	2.6	48
113	Remediation and management of POPs-contaminated soils in a warming climate: challenges and perspectives. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5879-5885.	2.7	66
114	Vitamin A and E profiles as biomarkers of PCB exposure in beluga whales ( <i>Delphinapterus leucas</i> ) from the western Canadian Arctic. <i>Aquatic Toxicology</i> , 2013, 142-143, 317-328.	1.9	19
115	Species-specific differences in the accumulation features of organohalogen contaminants and their metabolites in the blood of Japanese terrestrial mammals. <i>Environmental Pollution</i> , 2013, 174, 28-37.	3.7	51
116	Perfluoroalkyl acids in the Canadian environment: Multi-media assessment of current status and trends. <i>Environment International</i> , 2013, 59, 183-200.	4.8	65
117	Three decades (1983â€“2010) of contaminant trends in East Greenland polar bears ( <i>Ursus maritimus</i> ). Part 2: Brominated flame retardants. <i>Environment International</i> , 2013, 59, 494-500.	4.8	60
118	Three decades (1983â€“2010) of contaminant trends in East Greenland polar bears ( <i>Ursus maritimus</i> ). Part 1: Legacy organochlorine contaminants. <i>Environment International</i> , 2013, 59, 485-493.	4.8	74
119	What are the toxicological effects of mercury in Arctic biota?. <i>Science of the Total Environment</i> , 2013, 443, 775-790.	3.9	287
120	Adaptation of a Membrane Bioreactor to 1,2-Dichloroethane Revealed by 16S rDNA Pyrosequencing and qPCR. <i>Environmental Science &amp; Technology</i> , 2013, 47, 13668-13676.	4.6	12
121	Halogenated phenolic compound determination in plasma and serum by solid phase extraction, dansylation derivatization and liquid chromatographyâ€“positive electrospray ionizationâ€“tandem quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1320, 111-117.	1.8	34
122	Ecological Risk Assessment. , 2013, , 305-316.		1
123	Chemical cocktail party in East Greenland: A first time evaluation of human organohalogen exposure from consumption of ringed seal and polar bear tissues and possible health implications. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 853-859.	0.6	7
124	Exploring the potential influence of climate change and particulate organic carbon scenarios on the fate of neutral organic contaminants in the Arctic environment. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2263.	1.7	17
125	Three years (2008â€“2010) of measurements of atmospheric concentrations of organochlorine pesticides (OCPs) at Station Nord, North-East Greenland. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2213.	1.7	19
126	Global change effects on the long-term feeding ecology and contaminant exposures of Greenland polar bears. <i>Global Change Biology</i> , 2013, 19, 2360-2372.	4.2	147
127	Using quantitative structural property relationships, chemical fate models, and the chemical partitioning space to investigate the potential for long range transport and bioaccumulation of complex halogenated chemical mixtures. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1671.	1.7	34
128	Transthyretin-Binding Activity of Contaminants in Blood from Polar Bear ( <i>Ursus maritimus</i> ) Cubs. <i>Environmental Science &amp; Technology</i> , 2013, 47, 4778-4786.	4.6	33



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129	BDE-99 congener induces cell death by apoptosis of human hepatoblastoma cell line "HepG2. <i>Toxicology in Vitro</i> , 2013, 27, 580-587.	1.1	34
130	Interactions between chemical and climate stressors: A role for mechanistic toxicology in assessing climate change risks. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 32-48.	2.2	278
131	Effect of reduced food intake on toxicokinetics of halogenated organic contaminants in herring gull ( <i>Larus argentatus</i> ) chicks. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 156-164.	2.2	14
132	Perfluorooctane sulfonate (PFOS) affects hormone receptor activity, steroidogenesis, and expression of endocrine-related genes in vitro and in vivo. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 353-360.	2.2	135
133	Experimental exposure of eggs to polybrominated diphenyl ethers BDE-47 and BDE-99 in red-eared sliders ( <i>Trachemys scripta elegans</i> ) and snapping turtles ( <i>Chelydra serpentina</i> ) and possible species-specific differences in debromination. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 393-400.	2.2	5
134	Organohalogen contaminants and Blood plasma clinical-chemical parameters in three colonies of North Atlantic Great skua ( <i>Stercorarius skua</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 245-251.	2.9	20
135	Effects of polychlorobiphenyls, polybromodiphenylethers, organochlorine pesticides and their metabolites on vitamin A status in lactating grey seals. <i>Environmental Research</i> , 2013, 120, 18-26.	3.7	31
136	Persistent organic pollutants and methoxylated polybrominated diphenyl ethers in different tissues of white-tailed eagles ( <i>Haliaeetus albicilla</i> ) from West Greenland. <i>Environmental Pollution</i> , 2013, 175, 137-146.	3.7	43
137	Polybrominated diphenyl ethers (PBDEs) and hexabromocyclododecane (HBCD) in seven different marine bird species from Iceland. <i>Chemosphere</i> , 2013, 93, 1526-1532.	4.2	17
138	Persistent organic pollutants in benthic and pelagic organisms off Adlie Land, Antarctica. <i>Marine Pollution Bulletin</i> , 2013, 77, 82-89.	2.3	55
139	High prevalence of infections and pathological changes in burbot ( <i>Lota lota</i> ) from a polluted lake (Lake MjÅsa, Norway). <i>Chemosphere</i> , 2013, 90, 1711-1718.	4.2	16
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141	Associations between vitamins A and E and legacy POP levels in highly contaminated Greenland sharks ( <i>Somniosus microcephalus</i> ). <i>Science of the Total Environment</i> , 2013, 442, 445-454.	3.9	36
142	Analytical studies on the environmental state of the Svalbard Archipelago provide a critical source of information about anthropogenic global impact. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 50, 107-126.	5.8	41
143	Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Chemosphere</i> , 2013, 92, 583-591.	4.2	16
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149	Primary investigation on contamination pattern of legacy and emerging halogenated organic pollutions in freshwater fish from Liaohe River, Northeast China. <i>Environmental Pollution</i> , 2013, 172, 94-99.	3.7	19
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262	IPY BearHealth: Polar Bear ( <i>Ursus maritimus</i> ) Circumpolar Health Assessment in Relation to Persistent Pollutants and Climate Change. <i>From Pole To Pole</i> , 2016, , 203-227.	0.1	0
263	Do morphometric parameters and geological conditions determine chemistry of glacier surface ice? Spatial distribution of contaminants present in the surface ice of Spitsbergen glaciers (European) <i>Tj ETQq0 0 0 rgBz/0 Overlock 10 Tf 50 5</i>		
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279	Per- and polyfluoroalkyl substances (PFASs) – New endocrine disruptors in polar bears ( <i>Ursus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	34
280	Concentrations and patterns of hydroxylated polybrominated diphenyl ethers and polychlorinated biphenyls in arctic foxes ( <i>Vulpes lagopus</i> ) from Svalbard. <i>Environmental Pollution</i> , 2016, 216, 264-272.	3.7	10
281	Endocrine effects of real-life mixtures of persistent organic pollutants (POP) in experimental models and wild fish. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 538-548.	1.1	21
282	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals ( <i>Pusa hispida</i> ). <i>Environmental Research</i> , 2016, 151, 244-250.	3.7	21
283	Use of feathers to assess polychlorinated biphenyl and organochlorine pesticide exposure in top predatory bird species of Pakistan. <i>Science of the Total Environment</i> , 2016, 569-570, 1408-1417.	3.9	21
284	Low organotin contamination of harbour sediment in Svalbard. <i>Polar Biology</i> , 2016, 39, 1699-1709.	0.5	15
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286	Relationships between concentrations of selected organohalogen contaminants and thyroid hormones and vitamins A, E and D in Faroese pilot whales. <i>Environmental Research</i> , 2016, 148, 386-400.	3.7	13
287	Vitamins A and E in liver, kidney, and whole blood of East Greenland polar bears sampled 1994–2008: reference values and temporal trends. <i>Polar Biology</i> , 2016, 39, 743-754.	0.5	7
288	Polychlorinated biphenyls-contaminated soil washing with mixed surfactants enhanced by electrokinetics. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 261-267.	1.3	3
289	Components of Population Vulnerability and Their Relationship With Climate-Sensitive Health Threats. <i>Current Environmental Health Reports</i> , 2016, 3, 91-98.	3.2	13
290	Spatial and temporal trends in perfluoroalkyl substances (PFASs) in ringed seals ( <i>Pusa hispida</i> ) from Svalbard. <i>Environmental Pollution</i> , 2016, 214, 230-238.	3.7	37
291	Evaluation of hepatic biotransformation of polybrominated diphenyl ethers in the polar bear ( <i>Ursus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	4.2	15
292	Exposure to oxychlordan is associated with shorter telomeres in arctic breeding kittiwakes. <i>Science of the Total Environment</i> , 2016, 563-564, 125-130.	3.9	47
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295	Using Domestic and Free-Ranging Arctic Canid Models for Environmental Molecular Toxicology Research. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1990-1999.	4.6	18

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297	Persistent organic pollutant and mercury concentrations in eggs of ground-nesting marine birds in the Canadian high Arctic. <i>Science of the Total Environment</i> , 2016, 556, 80-88.	3.9	22
298	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. <i>Chemosphere</i> , 2016, 144, 2384-2391.	4.2	174
299	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs ( <i>Canis familiaris</i> ) as surrogate species. <i>Environment International</i> , 2016, 88, 221-227.	4.8	12
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303	Organohalogenated contaminants in white-tailed eagle ( <i>Haliaeetus albicilla</i> ) nestlings: An assessment of relationships to immunoglobulin levels, telomeres and oxidative stress. <i>Science of the Total Environment</i> , 2016, 539, 337-349.	3.9	55
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305	Immunotoxic effects of environmental pollutants in marine mammals. <i>Environment International</i> , 2016, 86, 126-139.	4.8	292
306	Seasonal variation in accumulation of persistent organic pollutants in an Arctic marine benthic food web. <i>Science of the Total Environment</i> , 2016, 542, 108-120.	3.9	46
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308	A review on current knowledge and future prospects of organohalogen contaminants (OHCs) in Asian birds. <i>Science of the Total Environment</i> , 2016, 542, 411-426.	3.9	36
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312	Constructing Arctic security: an inter-disciplinary approach to understanding security in the Barents region. <i>Polar Record</i> , 2017, 53, 52-66.	0.4	18
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316	Climate changeâ€™ contaminant interactions in marine food webs: Toward a conceptual framework. <i>Global Change Biology</i> , 2017, 23, 3984-4001.	4.2	122
317	Effects of reproductive strategies on pollutant concentrations in pinnipeds: a metaâ€™ analysis. <i>Oikos</i> , 2017, 126, 772-781.	1.2	6
318	The trophic transfer of persistent pollutants (HCB, DDTs, PCBs) within polar marine food webs. <i>Chemosphere</i> , 2017, 177, 189-199.	4.2	85
319	Persistent organic pollutants in Pakistan: Potential threat to ecological integrities in terms of genotoxicity and oxidative stress. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 1249-1271.	1.7	12
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321	Individual variationâ€™ of persistent organic pollutants in relation to stable isotope ratios, sex, reproductive phase and oxidative status in Scopoli's shearwaters ( <i>Calonectris diomedea</i> ) from the Southern Mediterranean. <i>Science of the Total Environment</i> , 2017, 598, 179-187.	3.9	13
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325	Can wildlife surveillance contribute to public health preparedness for climate change? A Canadian perspective. <i>Climatic Change</i> , 2017, 141, 259-271.	1.7	9
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327	Contaminants and energy expenditure in an Arctic seabird: Organochlorine pesticides and perfluoroalkyl substances are associated with metabolic rate in a contrasted manner. <i>Environmental Research</i> , 2017, 157, 118-126.	3.7	45
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341	Bacterial presence in polar regions associated with environment modification by chemical compounds including contaminants. <i>Environmental Reviews</i> , 2017, 25, 481-491.	2.1	27
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366	Endocrine disruption and differential gene expression in sentinel fish on St. Lawrence Island, Alaska: Health implications for indigenous residents. <i>Environmental Pollution</i> , 2018, 234, 279-287.	3.7	17
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368	Persistent organic pollutants, skull size and bone density of polar bears ( <i>Ursus maritimus</i> ) from East Greenland 1892–2015 and Svalbard 1964–2004. <i>Environmental Research</i> , 2018, 162, 74-80.	3.7	17



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384	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 769-784.	0.6	3
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403	Feeding Ecology Tools to Assess Contaminant Exposure in Coastal Mammals. , 2018, , 39-74.		2
404	Poly- and Perfluoroalkyl Substances in Marine Mammals. , 2018, , 117-145.		10

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415	Levels and trends of poly- and perfluoroalkyl substances in the Arctic environment – An update. Emerging Contaminants, 2019, 5, 240-271.	2.2	117
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