Derek C G Muir

List of Publications by Year
in descending order

608	45,119	1793 106	4414 178
papers	citations	h-index	g-index

617	617	617	21699
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards a better understanding of deep convolutional neural network processes for recognizing organic chemicals of environmental concern. Journal of Hazardous Materials, 2022, 421, 126746.	6.5	1
2	Response to Comment on â€œScreening New Persistent and Bioaccumulative Organics in Chinaâ€™s Inventory of Industrial Chemicalsâ€: A Call for Further Environmental Research on Organosilicons Produced in China. Environmental Science & Technology, 2022, 56, 693-696.	4.6	2
3	Perfluoroalkyl substances in circum-ArcticRangifer: caribou and reindeer. Environmental Science and Pollution Research, 2022, 29, 23721-23735.	2.7	6
4	Investigation of perfluoroalkyl substances in proglacial rivers and permafrost seep in a high Arctic watershed. Environmental Sciences: Processes and Impacts, 2022, 24, 42-51.	1.7	1
5	Influence of climate change on persistent organic pollutants and chemicals of emerging concern in the Arctic: state of knowledge and recommendations for future research. Environmental Sciences: Processes and Impacts, 2022, 24, 1530-1543.	1.7	15
6	Climate change influence on the levels and trends of persistent organic pollutants (POPs) and chemicals of emerging Arctic concern (CEACs) in the Arctic physical environment â€“ a review. Environmental Sciences: Processes and Impacts, 2022, 24, 1577-1615.	1.7	36
7	The influence of global climate change on accumulation and toxicity of persistent organic pollutants and chemicals of emerging concern in Arctic food webs. Environmental Sciences: Processes and Impacts, 2022, 24, 1544-1576.	1.7	33
8	Enhancing Scientific Support for the Stockholm Conventionâ€™s Implementation: An Analysis of Policy Needs for Scientific Evidence. Environmental Science & Technology, 2022, 56, 2936-2949.	4.6	25
9	Why do we monitor? Using seabird eggs to track trends in Arctic environmental contamination. Environmental Reviews, 2022, 30, 245-267.	2.1	14
10	Climate change and mercury in the Arctic: Biotic interactions. Science of the Total Environment, 2022, 834, 155221.	3.9	24
11	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. Science of the Total Environment, 2022, 839, 155803.	3.9	15
12	Mercury Isotope Variations in Lake Sediment Cores in Response to Direct Mercury Emissions from Non-Ferrous Metal Smelters and Legacy Mercury Remobilization. Environmental Science & Technology, 2022, 56, 8266-8277.	4.6	12
13	Diet influences on growth and mercury concentrations of two salmonid species from lakes in the eastern Canadian Arctic. Environmental Pollution, 2021, 268, 115820.	3.7	10
14	Long-term spatial and temporal trends, and source apportionment of polycyclic aromatic compounds in the Athabasca Oil Sands Region. Environmental Pollution, 2021, 268, 115351.	3.7	15
15	Validation of dried blood spot sampling for determining trophic positions of Arctic char using nitrogen stable isotope analyses of amino acids. Rapid Communications in Mass Spectrometry, 2021, 35, e8992.	0.7	3
16	Contaminants and Ecotoxicology. , 2021, , 355-427.		0
17	Contribution of Dietary Uptake to PAH Bioaccumulation in a Simplified Pelagic Food Chain: Modeling the Influences of Continuous vs Intermittent Feeding in Zooplankton and Fish. Environmental Science & Technology, 2021, 55, 1930-1940.	4.6	26
18	Spatial and Temporal Trends of Perfluoroalkyl Substances in Global Ocean and Coastal Waters. Environmental Science & Technology, 2021, 55, 9527-9537.	4.6	81

#	Article	IF	Citations
19	Polycyclic aromatic compounds (PACs) in the Canadian environment: Links to global change. Environmental Pollution, 2021, 273, 116425.	3.7	12
20	Lake Superior Has Lost over 90% of Its Pesticide HCH Load since 1986. Environmental Science & Technology, 2021, 55, 9518-9526.	4.6	8
21	Ecological effects and causal synthesis of oil sands activity impacts on river ecosystems: water synthesis review. Environmental Reviews, 2021, 29, 315-327.	2.1	19
22	Spatial trends and temporal declines in tissue metals/metalloids in the context of wild fish health at the St. Clair River Area of Concern. Journal of Great Lakes Research, 2021, 47, 900-915.	0.8	3
23	Historic Atmospheric Organochlorine Pesticide and Halogenated Industrial Compound Inputs to Glacier Ice Cores in Antarctica and the Arctic. ACS Earth and Space Chemistry, 2021, 5, 2534-2543.	1.2	4
24	Measurable Levels of Shortâ€Chain Chlorinated Paraffins in Western Hudson Bay Fishes but Limited Biomagnification from Fish to Ringed Seals. Environmental Toxicology and Chemistry, 2021, 40, 2990-2999.	2.2	1
25	Polycyclic aromatic compounds in the Canadian Environment: Aquatic and terrestrial environments. Environmental Pollution, 2021, 285, 117442.	3.7	24
26	The influence of a lost society, the Sadlermiut, on the environment in the Canadian Arctic. Scientific Reports, 2021, 11, 18504.	1.6	1
27	Spatial distribution and airâ^'water exchange of organophosphate esters in the lower Great Lakes. Environmental Pollution, 2021, 286, 117349.	3.7	12
28	Correlation of Mercury Occurrence with Age, Elemental Composition, and Life History in Sea-Run Food Fish from the Canadian Arctic Archipelagoâ€™s Lower Northwest Passage. Foods, 2021, 10, 2621.	1.9	4
29	Data-Independent Identification of Suspected Organic Pollutants Using Gas Chromatographyâ€“Atmospheric Pressure Chemical Ionizationâ€“Mass Spectrometry. Analytical Chemistry, 2021, 93, 1498-1506.	3.2	8
30	Which of the (Mixed) Halogenated n-Alkanes Are Likely To Be Persistent Organic Pollutants?. Environmental Science & Technology, 2021, 55, 15912-15920.	4.6	16
31	Quantification of Spatial and Temporal Trends in Atmospheric Mercury Deposition across Canada over the Past 30 Years. Environmental Science & Technology, 2021, 55, 15766-15775.	4.6	10
32	In Situ Passive Sampling Techniques for Monitoring Environmental Mixture Exposure. , 2020, , 13-21.		1
33	Lead contamination from gold mining in Yellowknife Bay (Northwest Territories), reconstructed using stable lead isotopes. Environmental Pollution, 2020, 259, 113888.	3.7	24
34	Long-range transport of legacy organic pollutants affects alpine fish eaten by ospreys in western Canada. Science of the Total Environment, 2020, 712, 135889.	3.9	10
35	Multicompartmental Toxicokinetic Modeling of Discrete Dietary and Continuous Waterborne Uptake of Two Polycyclic Aromatic Hydrocarbons by Zebrafish Danio rerio. Environmental Science & Technology, 2020, 54, 1054-1065.	4.6	16
36	Microplastic Impacts on Microalgae Growth: Effects of Size and Humic Acid. Environmental Science & Technology, 2020, 54, 1782-1789.	4.6	207

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37	Atmospheric deposition of polychlorinated biphenyls to seasonal surface snow at four glacier sites on Svalbard, 2013â€“2014. Chemosphere, 2020, 243, 125324.	4.2	16
38	Mercury in Ringed Seals (Pusa hispida) from the Canadian Arctic in Relation to Time and Climate Parameters. Environmental Toxicology and Chemistry, 2020, 39, 2462-2474.	2.2	16
39	A one-century sedimentary record of N- and S-polycyclic aromatic compounds in the Athabasca oil sands region in Canada. Chemosphere, 2020, 260, 127641.	4.2	14
40	Comparing temporal patterns in body condition of ringed seals living within their core geographic range with those living at the edge. Ecography, 2020, 43, 1521-1535.	2.1	10
41	Atmospheric trace metal deposition to remote Northwest Ontario, Canada: Anthropogenic fluxes and inventories from 1860 to 2010. Science of the Total Environment, 2020, 749, 142276.	3.9	23
42	Deposition of Polychlorinated Biphenyls to Firn and Ice Cores at Opposite Polar Sites: Site M, Dronning Maud Land, Antarctica, and Holtedahlfonna, Svalbard. ACS Earth and Space Chemistry, 2020, 4, 2096-2104.	1.2	2
43	Chlorines Are Not Evenly Substituted in Chlorinated Paraffins: A Predicted NMR Pattern Matching Framework for Isomeric Discrimination in Complex Contaminant Mixtures. Environmental Science and Technology Letters, 2020, 7, 496-503.	3.9	23
44	Screening New Persistent and Bioaccumulative Organics in Chinaâ€™s Inventory of Industrial Chemicals. Environmental Science & Technology, 2020, 54, 7398-7408.	4.6	42
45	Toxic chemical exposure from global fish trade. Nature Food, 2020, 1, 259-259.	6.2	1
46	Identification of Potential PBT/POP-Like Chemicals by a Deep Learning Approach Based on 2D Structural Features. Environmental Science & Technology, 2020, 54, 8221-8231.	4.6	26
47	Brown bullhead at the St. Lawrence River (Cornwall) Area of Concern: health and endocrine status in the context of tissue concentrations of PCBs and mercury. Environmental Monitoring and Assessment, 2020, 192, 404.	1.3	4
48	Sources of atmospheric metal(loid) pollution recorded in Thompson Manitoba lake sediment cores within the Canadian boreal biome. Science of the Total Environment, 2020, 732, 139043.	3.9	5
49	The distribution and transport of lead over two centuries as recorded by lake sediments from northeastern North America. Science of the Total Environment, 2020, 737, 140212.	3.9	18
50	Atmospheric Deposition of Organochlorine Pesticides and Industrial Compounds to Seasonal Surface Snow at Four Glacier Sites on Svalbard, 2013â€“2014. Environmental Science & Technology, 2020, 54, 9265-9273.	4.6	18
51	Temporal Trends in Polybrominated Diphenylethers (PBDEs) in Blubber of Ringed Seals (Pusa hispida) from Ulukhaktok, NT, Canada Between 1981 and 2015. Archives of Environmental Contamination and Toxicology, 2020, 79, 167-176.	2.1	7
52	Dried Blood Spot Sampling of Landlocked Arctic Char (Salvelinus alpinus) for Estimating Mercury Exposure and Stable Carbon Isotope Fingerprinting of Essential Amino Acids. Environmental Toxicology and Chemistry, 2020, 39, 893-903.	2.2	5
53	Joint effect of nanoplastics and humic acid on the uptake of PAHs for Daphnia magna: A model study. Journal of Hazardous Materials, 2020, 391, 122195.	6.5	38
54	Contrasting Temporal Patterns of Mercury, Niche Dynamics, and Body Fat Indices of Polar Bears and Ringed Seals in a Melting Icescape. Environmental Science & Technology, 2020, 54, 2780-2789.	4.6	20

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55	Toward a Global Understanding of Chemical Pollution: A First Comprehensive Analysis of National and Regional Chemical Inventories. Environmental Science & Technology, 2020, 54, 2575-2584.	4.6	456
56	Glacial Melt Inputs of Organophosphate Ester Flame Retardants to the Largest High Arctic Lake. Environmental Science & Technology, 2020, 54, 2734-2743.	4.6	39
57	Tissue contaminants and wild fish health in the St. Clair River Area of Concern â€“ Part 2: Spatial trends and temporal declines in organics. Science of the Total Environment, 2020, 746, 136525.	3.9	5
58	Ice Core Record of Persistent Shortâ€Chain Fluorinated Alkyl Acids: Evidence of the Impact From Global Environmental Regulations. Geophysical Research Letters, 2020, 47, e2020GL087535.	1.5	43
59	Contrasting the ecological effects of decreasing ice cover versus accelerated glacial melt on the High Arctic's largest lake. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201185.	1.2	5
60	Qualitative Approach to Comparative Exposure in Alternatives Assessment. Integrated Environmental Assessment and Management, 2019, 15, 880-894.	1.6	17
61	Substituted diphenylamine antioxidants and benzotriazole UV stabilizers in blood plasma of fish, turtles, birds and dolphins from North America. Science of the Total Environment, 2019, 647, 182-190.	3.9	43
62	Toward Sustainable Environmental Quality: Priority Research Questions for North America. Environmental Toxicology and Chemistry, 2019, 38, 1606-1624.	2.2	43
63	Levels and trends of poly- and perfluoroalkyl substances in the Arctic environment â€“ An update. Emerging Contaminants, 2019, 5, 240-271.	2.2	117
64	A critical review of synthetic chemicals in surface waters of the US, the EU and China. Environment International, 2019, 131, 104994.	4.8	112
65	Source Analysis of Pollutant Elements in Winter Air Deposition in the Athabasca Oil Sands Region: A Temporal and Spatial Study. ACS Earth and Space Chemistry, 2019, 3, 1656-1668.	1.2	37
66	Identifying further chemicals of emerging arctic concern based on â€˜in silicoâ€™ screening of chemical inventories. Emerging Contaminants, 2019, 5, 201-210.	2.2	35
67	Forage fish and polycyclic aromatic compounds in the Fort McMurray oil sands area: Body burden comparisons with environmental distributions and consumption guidelines. Environmental Pollution, 2019, 255, 113135.	3.7	17
68	Do intraspecific life history patterns follow interspecific predictions? A test using latitudinal variation in ringed seals. Population Ecology, 2019, 61, 371-382.	0.7	7
69	Fate and Transport of Perfluoroalkyl Substances from Snowpacks into a Lake in the High Arctic of Canada. Environmental Science & Technology, 2019, 53, 10753-10762.	4.6	41
70	C_{12â€“30} Î±-Bromo-Chloro â€œAlkenesâ€• Characterization of a Poorly Identified Flame Retardant and Potential Environmental Implications. Environmental Science & Technology, 2019, 53, 10835-10844.	4.6	14
71	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
72	Compositional space: A guide for environmental chemists on the identification of persistent and bioaccumulative organics using mass spectrometry. Environment International, 2019, 132, 104808.	4.8	23

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73	Bioaccumulation and translocation of tetrabromobisphenol A and hexabromocyclododecanes in mangrove plants from a national nature reserve of Shenzhen City, South China. Environment International, 2019, 129, 239-246.	4.8	28
74	Hexachlorobutadiene (HCBD) contamination in the Arctic environment: A review. Emerging Contaminants, 2019, 5, 116-122.	2.2	17
75	Temporal trends, lake-to-lake variation, and climate effects on Arctic char (Salvelinus alpinus) mercury concentrations from six High Arctic lakes in Nunavut, Canada. Science of the Total Environment, 2019, 678, 801-812.	3.9	20
76	Sources and environmental fate of pyrogenic polycyclic aromatic hydrocarbons (PAHs) in the Arctic. Emerging Contaminants, 2019, 5, 128-142.	2.2	119
77	Mercury and metal(loid) deposition to remote Nova Scotia lakes from both local and distant sources. Science of the Total Environment, 2019, 675, 192-202.	3.9	24
78	Bioaccumulation of Selected Halogenated Organic Flame Retardants in Lake Ontario. Environmental Toxicology and Chemistry, 2019, 38, 1198-1210.	2.2	20
79	Dietary Uptake Patterns Affect Bioaccumulation and Biomagnification of Hydrophobic Organic Compounds in Fish. Environmental Science & Technology, 2019, 53, 4274-4284.	4.6	40
80	Contemporary limnology of the rapidly changing glacierized watershed of the worldâ€™s largest High Arctic lake. Scientific Reports, 2019, 9, 4447.	1.6	33
81	Levels and trends of current-use pesticides (CUPs) in the arctic: An updated review, 2010â€“2018. Emerging Contaminants, 2019, 5, 70-88.	2.2	52
82	Methods for trace analysis of short-, medium-, and long-chain chlorinated paraffins: Critical review and recommendations. Analytica Chimica Acta, 2019, 1074, 16-32.	2.6	63
83	Chemicals of Emerging Arctic Concern: Preface. Emerging Contaminants, 2019, 5, 1-3.	2.2	6
84	Trends of persistent organic pollutants in ringed seals (Phoca hispida) from the Canadian Arctic. Science of the Total Environment, 2019, 665, 1135-1146.	3.9	29
85	Deposition and Source Identification of Nitrogen Heterocyclic Polycyclic Aromatic Compounds in Snow, Sediment, and Air Samples from the Athabasca Oil Sands Region. Environmental Science & Technology, 2019, 53, 2981-2989.	4.6	27
86	Screeningâ€level risk assessment of methylmercury for nonâ€anadromous Arctic char (<i>Salvelinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	11
87	Characterization of perfluoroalkyl substances in sediment cores from High and Low Arctic lakes in Canada. Science of the Total Environment, 2019, 666, 414-422.	3.9	45
88	Occurrence of substituted diphenylamine antioxidants and benzotriazole UV stabilizers in Arctic seabirds and seals. Science of the Total Environment, 2019, 663, 950-957.	3.9	45
89	Snow Deposition and Melting as Drivers of Polychlorinated Biphenyls and Organochlorine Pesticides in Arctic Rivers, Lakes, and Ocean. Environmental Science & Technology, 2019, 53, 14377-14386.	4.6	35
90	Temporal Trends in Per- and Polyfluoroalkyl Substances in Bottlenose Dolphins (<i>Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td Science & Technology, 2019, 53, 14194-14203.	4.6	17

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91	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. Science of the Total Environment, 2019, 649, 99-110.	3.9	150
92	Drivers of Mercury Cycling in the Rapidly Changing Glacierized Watershed of the High Arcticâ€™s Largest Lake by Volume (Lake Hazen, Nunavut, Canada). Environmental Science & Technology, 2019, 53, 1175-1185.	4.6	33
93	Practical advice for selecting or determining trophic magnification factors for application under the European Union Water Framework Directive. Integrated Environmental Assessment and Management, 2019, 15, 266-277.	1.6	42
94	Assessing the utility of sulfur isotope values for understanding mercury concentrations in water and biota from high Arctic lakes. Arctic Science, 2019, 5, 90-106.	0.9	3
95	Mandibular shape in farmed Arctic foxes (Vulpes lagopus) exposed to persistent organic pollutants. Science of the Total Environment, 2019, 646, 1063-1068.	3.9	5
96	Widespread Atmospheric Tellurium Contamination in Industrial and Remote Regions of Canada. Environmental Science & Technology, 2018, 52, 6137-6145.	4.6	27
97	Geographic variation in ringed seal (Pusa hispida) growth rate and body size. Canadian Journal of Zoology, 2018, 96, 649-659.	0.4	11
98	Bioaccumulation of Polybrominated Diphenyl Ethers and Alternative Halogenated Flame Retardants in a Vegetationâ€“Caribouâ€“Wolf Food Chain of the Canadian Arctic. Environmental Science & Technology, 2018, 52, 3136-3145.	4.6	40
99	Temporal and spatial trends in riverine suspended sediment and associated polycyclic aromatic compounds (PAC) within the Athabasca oil sands region. Science of the Total Environment, 2018, 626, 1382-1393.	3.9	26
100	The worldâ€™s largest High Arctic lake responds rapidly to climate warming. Nature Communications, 2018, 9, 1290.	5.8	90
101	Aquatic exposures of chemical mixtures in urban environments: Approaches to impact assessment. Environmental Toxicology and Chemistry, 2018, 37, 703-714.	2.2	16
102	The distribution and trends of persistent organic pollutants and mercury in marine mammals from Canada's Eastern Arctic. Science of the Total Environment, 2018, 618, 500-517.	3.9	105
103	Prevalence and sources of polychlorinated biphenyls in the atmospheric environment of Lake Victoria, East Africa. Chemosphere, 2018, 193, 343-350.	4.2	19
104	Concentrations, Trends, and Airâ€“Water Exchange of PCBs and Organochlorine Pesticides Derived from Passive Samplers in Lake Superior in 2011. Environmental Science & Technology, 2018, 52, 14061-14069.	4.6	25
105	Concentrations and Water Mass Transport of Legacy POPs in the Arctic Ocean. Geophysical Research Letters, 2018, 45, 12,972.	1.5	28
106	Can traditional methods of selecting food accurately assess fish health?. Arctic Science, 2018, 4, 205-222.	0.9	5
107	Legacy and Emerging Persistent Organic Pollutants (POPs) in Terrestrial Compartments in the High Arctic: Sorption and Secondary Sources. Environmental Science & Technology, 2018, 52, 14187-14197.	4.6	42
108	Air synthesis review: polycyclic aromatic compounds in the oil sands region. Environmental Reviews, 2018, 26, 430-468.	2.1	58

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109	Characteristics and potential health risk of rural Tibetans' exposure to polycyclic aromatic hydrocarbons during summer period. Environment International, 2018, 118, 70-77.	4.8	26
110	Dissolved Organophosphate Esters and Polybrominated Diphenyl Ethers in Remote Marine Environments: Arctic Surface Water Distributions and Net Transport through Fram Strait. Environmental Science & Technology, 2018, 52, 6208-6216.	4.6	83
111	Continuous non-marine inputs of per- and polyfluoroalkyl substances to the High Arctic: a multi-decadal temporal record. Atmospheric Chemistry and Physics, 2018, 18, 5045-5058.	1.9	57
112	Special issues are welcome. Chemosphere, 2018, 206, A1-A2.	4.2	0
113	Toward sustainable environmental quality: Priority research questions for Europe. Environmental Toxicology and Chemistry, 2018, 37, 2281-2295.	2.2	98
114	Climatic Influence on Temporal Trends of Polychlorinated Biphenyls and Organochlorine Pesticides in Landlocked Char from Lakes in the Canadian High Arctic. Environmental Science & Technology, 2018, 52, 10380-10390.	4.6	31
115	Activity concentration measurements of selected radionuclides in seals from Canadian Arctic. Journal of Environmental Radioactivity, 2017, 169-170, 48-55.	0.9	8
116	Concentrations of vitamin A, E, thyroid and testosterone hormones in blood plasma and tissues from emaciated adult male Arctic foxes (Vulpes lagopus) dietary exposed to persistent organic pollutants (POPs). Environmental Research, 2017, 154, 284-290.	3.7	11
117	Emerging investigator series: a 14-year depositional ice record of perfluoroalkyl substances in the High Arctic. Environmental Sciences: Processes and Impacts, 2017, 19, 22-30.	1.7	55
118	Anthropogenic mercury deposition in Flin Flon Manitoba and the Experimental Lakes Area Ontario (Canada): A multi-lake sediment core reconstruction. Science of the Total Environment, 2017, 586, 685-695.	3.9	32
119	Spatial and temporal trends of alternative flame retardants and polybrominated diphenyl ethers in ringed seals (Phoca hispida) across the Canadian Arctic. Environmental Pollution, 2017, 223, 266-276.	3.7	36
120	Halogenated phenolic compounds in wild fish from Canadian Areas of Concern. Environmental Toxicology and Chemistry, 2017, 36, 2266-2273.	2.2	6
121	Environmental perfluorooctane sulfonate exposure drives T cell activation in bottlenose dolphins. Journal of Applied Toxicology, 2017, 37, 1108-1116.	1.4	34
122	Declining Trends of Polychlorinated Naphthalenes in Seabird Eggs from the Canadian Arctic, 1975â€“2014. Environmental Science & Technology, 2017, 51, 3802-3808.	4.6	22
123	Heterocyclic Aromatics in Petroleum Coke, Snow, Lake Sediments, and Air Samples from the Athabasca Oil Sands Region. Environmental Science & Technology, 2017, 51, 5445-5453.	4.6	67
124	Exposure to Persistent Organic Pollutants Reduces Testosterone Concentrations and Affects Sperm Viability and Morphology during the Mating Peak Period in a Controlled Experiment on Farmed Arctic Foxes (Vulpes lagopus). Environmental Science & Technology, 2017, 51, 4673-4680.	4.6	18
125	Aquatic Global Passive Sampling (AQUA-GAPS) Revisited: First Steps toward a Network of Networks for Monitoring Organic Contaminants in the Aquatic Environment. Environmental Science & Technology, 2017, 51, 1060-1067.	4.6	61
126	Climate and permafrost effects on the chemistry and ecosystems of High Arctic Lakes. Scientific Reports, 2017, 7, 13292.	1.6	49

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127	Spring Melt and the Redistribution of Organochlorine Pesticides in the Sea-Ice Environment: A Comparative Study between Arctic and Antarctic Regions. Environmental Science & Technology, 2017, 51, 8944-8952.	4.6	38
128	Comparative histories of polycyclic aromatic compound accumulation in lake sediments near petroleum operations in western Canada. Environmental Pollution, 2017, 231, 13-21.	3.7	20
129	Bioaccumulation of pharmaceuticals and personal care product chemicals in fish exposed to wastewater effluent in an urban wetland. Scientific Reports, 2017, 7, 16999.	1.6	89
130	Using sulfur stable isotopes to assess mercury bioaccumulation and biomagnification in temperate lake food webs. Environmental Toxicology and Chemistry, 2017, 36, 661-670.	2.2	13
131	Spatial and temporal patterns in trace element deposition to lakes in the Athabasca oil sands region (Alberta, Canada). Environmental Research Letters, 2017, 12, 124001.	2.2	52
132	Brief communication: Organochlorine pesticides in an archived firn core from Law Dome, East Antarctica. Cryosphere, 2016, 10, 2533-2539.	1.5	11
133	Recent Warming, Rather than Industrial Emissions of Bioavailable Nutrients, Is the Dominant Driver of Lake Primary Production Shifts across the Athabasca Oil Sands Region. PLoS ONE, 2016, 11, e0153987.	1.1	38
134	A Circumarctic Review of Contaminants in Ringed Seals. From Pole To Pole, 2016, , 229-251.	0.1	1
135	Currentâ€use pesticides in seawater and their bioaccumulation in polar bearâ€“ringed seal food chains of the Canadian Arctic. Environmental Toxicology and Chemistry, 2016, 35, 1695-1707.	2.2	48
136	Trophic Magnification of Organic Chemicals: A Global Synthesis. Environmental Science & Technology, 2016, 50, 4650-4658.	4.6	132
137	PAH distributions in sediments in the oil sands monitoring area and western Lake Athabasca: Concentration, composition and diagnostic ratios. Environmental Pollution, 2016, 213, 671-687.	3.7	52
138	Perfluoroalkylphosphinic Acids in Northern Pike (Esox lucius), Double-Crested Cormorants (Phalacrocorax auritus), and Bottlenose Dolphins (Tursiops truncatus) in Relation to Other Perfluoroalkyl Acids. Environmental Science & Technology, 2016, 50, 10903-10913.	4.6	43
139	Temporal variation in the deposition of polycyclic aromatic compounds in snow in the Athabasca Oil Sands area of Alberta. Environmental Monitoring and Assessment, 2016, 188, 542.	1.3	44
140	Distribution, Partitioning and Bioaccumulation of Substituted Diphenylamine Antioxidants and Benzotriazole UV Stabilizers in an Urban Creek in Canada. Environmental Science & Technology, 2016, 50, 9089-9097.	4.6	90
141	Use of terrestrial field studies in the derivation of bioaccumulation potential of chemicals. Integrated Environmental Assessment and Management, 2016, 12, 135-145.	1.6	28
142	Spatial Distribution and Airâ€“Water Exchange of Organic Flame Retardants in the Lower Great Lakes. Environmental Science & Technology, 2016, 50, 9133-9141.	4.6	34
143	Separation of thia-arenes and aza-arenes from polycyclic aromatics in snowpack samples from the Athabasca oil sands region by GCÃ—GC/ToF-MS. International Journal of Environmental Analytical Chemistry, 2016, 96, 905-920.	1.8	21
144	Estimation of Uncertainty in Airâ€“Water Exchange Flux and Gross Volatilization Loss of PCBs: A Case Study Based on Passive Sampling in the Lower Great Lakes. Environmental Science & Technology, 2016, 50, 10894-10902.	4.6	20

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145	Polycyclic Musks in the Air and Water of the Lower Great Lakes: Spatial Distribution and Volatilization from Surface Waters. Environmental Science & Technology, 2016, 50, 11575-11583.	4.6	31
146	Cadmium and other elements in tissues from four ungulate species from the Mackenzie Mountain region of the Northwest Territories, Canada. Ecotoxicology and Environmental Safety, 2016, 132, 9-17.	2.9	9
147	Spatiotemporal patterns of mercury accumulation in lake sediments of western North America. Science of the Total Environment, 2016, 568, 1157-1170.	3.9	53
148	Probing the debromination of the flame retardant decabromodiphenyl ether in sediments of a boreal lake. Environmental Toxicology and Chemistry, 2016, 35, 573-583.	2.2	10
149	Airâ€“Seawater Exchange of Organochlorine Pesticides in the Southern Ocean between Australia and Antarctica. Environmental Science & Technology, 2016, 50, 8001-8009.	4.6	68
150	Legacy and currently used pesticides in the atmospheric environment of Lake Victoria, East Africa. Science of the Total Environment, 2016, 543, 9-18.	3.9	41
151	Persistent organic contaminants in sediments and biota of Great Slave Lake, Canada: Slave River and long-range atmospheric source influences. Journal of Great Lakes Research, 2016, 42, 233-247.	0.8	11
152	Latitudinal variation in ecological opportunity and intraspecific competition indicates differences in niche variability and diet specialization of Arctic marine predators. Ecology and Evolution, 2016, 6, 1666-1678.	0.8	56
153	Gaseous and Freely-Dissolved PCBs in the Lower Great Lakes Based on Passive Sampling: Spatial Trends and Airâ€“Water Exchange. Environmental Science & Technology, 2016, 50, 4932-4939.	4.6	57
154	Historical deposition of persistent organic pollutants in Lake Victoria and two alpine equatorial lakes from East Africa: Insights into atmospheric deposition from sedimentation profiles. Chemosphere, 2016, 144, 1815-1822.	4.2	13
155	Mercury and cadmium in ringed seals in the Canadian Arctic: Influence of location and diet. Science of the Total Environment, 2016, 545-546, 503-511.	3.9	41
156	Lactational Transfer of Polychlorinated-Biphenyls (PCBs) and Other Organochlorines in St. Lawrence Beluga Whales (Delphinapterus leucas). Archives of Environmental Contamination and Toxicology, 2016, 70, 169-179.	2.1	15
157	Spatial and temporal variation of an ice-adapted predatorâ€™s feeding ecology in a changing Arctic marine ecosystem. Oecologia, 2016, 180, 631-644.	0.9	59
158	Dry deposition of polycyclic aromatic compounds to various land covers in the Athabasca oil sands region. Journal of Advances in Modeling Earth Systems, 2015, 7, 1339-1350.	1.3	36
159	Current status of short- and medium chain polychlorinated n-alkanes in top predatory fish across Canada. Chemosphere, 2015, 127, 93-100.	4.2	42
160	Anadromous char as an alternate food choice to marine animals: A synthesis of Hg concentrations, population features and other influencing factors. Science of the Total Environment, 2015, 509-510, 175-194.	3.9	17
161	Perfluorinated and Polyfluorinated Compounds in Lake Food Webs from the Canadian High Arctic. Environmental Science & Technology, 2015, 49, 2694-2702.	4.6	134
162	Addendum to â€œMass-dependent and mass-independent variations in the isotope composition of mercury in cores from lakes polluted by a smelter: Effects of smelter emissions, natural processes, and their interactions,â€•by Togwell A. Jackson, Kevin H. Telmer, and Derek C.G. Muir. Chemical Geology, 2015, 402, 153-154.	1.4	3

#	Article	IF	Citations
163	Spatial Distribution, Airâ€“Water Fugacity Ratios and Source Apportionment of Polychlorinated Biphenyls in the Lower Great Lakes Basin. Environmental Science & Technology, 2015, 49, 13787-13797.	4.6	48
164	Variation in bioaccumulation of persistent organic pollutants based on octanolâ€“air partitioning: Influence of respiratory elimination in marine species. Marine Pollution Bulletin, 2015, 100, 122-127.	2.3	16
165	Concentrations, Trends, and Airâ€“Water Exchange of PAHs and PBDEs Derived from Passive Samplers in Lake Superior in 2011. Environmental Science & Technology, 2015, 49, 13777-13786.	4.6	56
166	Manufacturing doubt about endocrine disrupter science â€“ A rebuttal of industry-sponsored critical comments on the UNEP/WHO report â€œState of the Science of Endocrine Disrupting Chemicals 2012â€• Regulatory Toxicology and Pharmacology, 2015, 73, 1007-1017.	1.3	57
167	Polyfluorinated substances in abiotic standard reference materials. Analytical and Bioanalytical Chemistry, 2015, 407, 2975-2983.	1.9	21
168	Factors affecting biotic mercury concentrations and biomagnification through lake food webs in the Canadian high Arctic. Science of the Total Environment, 2015, 509-510, 195-205.	3.9	49
169	Bioaccumulation and biomagnification of mercury in African lakes: The importance of trophic status. Science of the Total Environment, 2015, 506-507, 126-136.	3.9	56
170	Mercury in freshwater ecosystems of the Canadian Arctic: Recent advances on its cycling and fate. Science of the Total Environment, 2015, 509-510, 41-66.	3.9	64
171	Mercury in the marine environment of the Canadian Arctic: Review of recent findings. Science of the Total Environment, 2015, 509-510, 67-90.	3.9	106
172	Biotransformation pathways of fluorotelomerâ€based polyfluoroalkyl substances: A review. Environmental Toxicology and Chemistry, 2014, 33, 243-267.	2.2	219
173	Trophodynamics of current use pesticides and ecological relationships in the Bathurst region vegetationâ€caribouâ€wolf food chain of the Canadian Arctic. Environmental Toxicology and Chemistry, 2014, 33, 1956-1966.	2.2	11
174	Fathead minnow (Pimephales promelas Rafinesque) exposure to three novel brominated flame retardants in outdoor mesocosms: bioaccumulation and biotransformation. Environmental Toxicology and Chemistry, 2014, 33, 1148-1155.	2.2	23
175	Polybrominated Diphenyl Ethers and Alternative Flame Retardants in Air and Precipitation Samples from the Northern Lake Victoria Region, East Africa. Environmental Science & Technology, 2014, 48, 1458-1466.	4.6	46
176	Atmospheric Deposition of Mercury and Methylmercury to Landscapes and Waterbodies of the Athabasca Oil Sands Region. Environmental Science & Technology, 2014, 48, 7374-7383.	4.6	116
177	Significance of Population Centers As Sources of Gaseous and Dissolved PAHs in the Lower Great Lakes. Environmental Science & Technology, 2014, 48, 7789-7797.	4.6	68
178	Response to Comment on â€œMercury Biomagnification through Food Webs Is Affected by Physical and Chemical Characteristics of Lakesâ€• Environmental Science & Technology, 2014, 48, 10526-10527.	4.6	3
179	Spatial Trends, Sources, and Airâ€“Water Exchange of Organochlorine Pesticides in the Great Lakes Basin Using Low Density Polyethylene Passive Samplers. Environmental Science & Technology, 2014, 48, 9315-9324.	4.6	45
180	Temporal and spatial variation in polychlorinated biphenyl chiral signatures of the Greenland shark (Somniosus microcephalus) and its arctic marine food web. Environmental Pollution, 2014, 186, 216-225.	3.7	16

#	Article	IF	Citations
181	Chemical fingerprinting of naphthenic acids and oil sands process watersâ€"A review of analytical methods for environmental samples. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 1145-1163.	0.9	103
182	Comparative analysis of total mercury concentrations in anadromous and non-anadromous Arctic charr (Salvelinus alpinus) from eastern Canada. Science of the Total Environment, 2013, 447, 438-449.	3.9	22
183	Basal mercury concentrations and biomagnification rates in freshwater and marine food webs: Effects on Arctic charr (Salvelinus alpinus) from eastern Canada. Science of the Total Environment, 2013, 444, 531-542.	3.9	61
184	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
185	Mass-dependent and mass-independent variations in the isotope composition of mercury in cores from lakes polluted by a smelter: Effects of smelter emissions, natural processes, and their interactions. Chemical Geology, 2013, 352, 27-46.	1.4	25
186	Deposition History of Polychlorinated Biphenyls to the Lomonosovfonna Glacier, Svalbard: A 209 Congener Analysis. Environmental Science & Technology, 2013, 47, 12064-12072.	4.6	59
187	Mercury Biomagnification through Food Webs Is Affected by Physical and Chemical Characteristics of Lakes. Environmental Science & Technology, 2013, 47, 12047-12053.	4.6	134
188	ENVIRONMENTAL FATE OF THREE NOVEL BROMINATED FLAME RETARDANTS IN AQUATIC MESOCOSMS. Environmental Toxicology and Chemistry, 2013, 32, 1060-1068.	2.2	31
189	Perfluoroalkyl substances and extractable organic fluorine in surface sediments and cores from Lake Ontario. Environment International, 2013, 59, 389-397.	4.8	112
190	Science and policy on endocrine disrupters must not be mixed: a reply to a â€œcommon senseâ€• intervention by toxicology journal editors. Environmental Health, 2013, 12, 69.	1.7	64
191	Determination of mercury speciation in fish tissue with a direct mercury analyzer. Environmental Toxicology and Chemistry, 2013, 32, 1237-1241.	2.2	32
192	Water as a new matrix for global assessment of hydrophilic POPs. TrAC - Trends in Analytical Chemistry, 2013, 46, 162-172.	5.8	39
193	Atmospheric deposition of current use pesticides in the Arctic: Snow core records from the Devon Island Ice Cap, Nunavut, Canada. Environmental Sciences: Processes and Impacts, 2013, 15, 2304.	1.7	29
194	Improving the Quality and Scientific Understanding of Trophic Magnification Factors (TMFs). Environmental Science & Technology, 2013, 47, 1186-1187.	4.6	54
195	Influence of global climate change on chemical fate and bioaccumulation: The role of multimedia models. Environmental Toxicology and Chemistry, 2013, 32, 20-31.	2.2	102
196	Mercury concentrations and mercury isotope composition in lake sediment cores from the vicinity of a metal smelting facility in Flin Flon, Manitoba. Chemical Geology, 2013, 336, 96-102.	1.4	60
197	PAH Fluxes to Siskiwit Revisted: Trends in Fluxes and Sources of Pyrogenic PAH and Perylene Constrained via Radiocarbon Analysis. Environmental Science & Technology, 2013, 47, 5066-5073.	4.6	24
198	Identifying New Persistent and Bioaccumulative Organics Among Chemicals in Commerce. III: Byproducts, Impurities, and Transformation Products. Environmental Science & Technology, 2013, 47, 5259-5266.	4.6	94

#	Article	IF	Citations
199	Mercury Trends in Predatory Fish in Great Slave Lake: The Influence of Temperature and Other Climate Drivers. Environmental Science & Technology, 2013, 47, 12793-12801.	4.6	32
200	Temporal trends of selected POPs and the potential influence of climate variability in a Greenland ringed seal population. Environmental Sciences: Processes and Impacts, 2013, 15, 1706.	1.7	20
201	The Impact of Endocrine Disruption: A Consensus Statement on the State of the Science. Environmental Health Perspectives, 2013, 121, A104-6.	2.8	267
202	Legacy of a half century of Athabasca oil sands development recorded by lake ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1761-1766.	3.3	240
203	Associations between perfluoroalkyl compounds and immune and clinical chemistry parameters in highly exposed bottlenose dolphins (Tursiops truncatus). Environmental Toxicology and Chemistry, 2013, 32, 736-746.	2.2	72
204	Seasonal emaciation causes tissue redistribution and an increased potential for toxicity of lipophilic pollutants in farmed arctic fox (Vulpes lagopus). Environmental Toxicology and Chemistry, 2013, 32, 1784-1792.	2.2	21
205	Progress toward understanding the bioaccumulation of perfluorinated alkyl acids. Environmental Toxicology and Chemistry, 2013, 32, 2421-2423.	2.2	40
206	Perfluoroalkyl substances in eggs and plasma of an avian top predator, great skua (Stercorarius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	26
207	Reply to Hrudey: Tracking the extent of oil sands airborne pollution. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2749.	3.3	8
208	Trophic Transfer of Contaminants in a Changing Arctic Marine Food Web: Cumberland Sound, Nunavut, Canada. Environmental Science & Technology, 2012, 46, 9914-9922.	4.6	61
209	Polychlorinated biphenyls and their hydroxylated metabolites in wild fish from wheatley Harbour Area of Concern, Ontario, Canada. Environmental Toxicology and Chemistry, 2012, 31, 2788-2797.	2.2	12
210	Factors Influencing Legacy Pollutant Accumulation in Alpine Osprey: Biology, Topography, Or Melting Glaciers?. Environmental Science & Technology, 2012, 46, 9681-9689.	4.6	26
211	Manufacturing Origin of Perfluorooctanoate (PFOA) in Atlantic and Canadian Arctic Seawater. Environmental Science & Technology, 2012, 46, 677-685.	4.6	62
212	Deposition of Brominated Flame Retardants to the Devon Ice Cap, Nunavut, Canada. Environmental Science & Technology, 2012, 46, 826-833.	4.6	43
213	Dietary Contaminant Exposure Affects Plasma Testosterone, but not Thyroid Hormones, Vitamin A, and Vitamin E, in Male Juvenile Arctic Foxes (Vulpes lagopus). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 1298-1313.	1.1	14
214	Atmospheric Concentrations of Polycyclic Aromatic Hydrocarbons in the Watershed of Lake Victoria, East Africa. Environmental Science & Technology, 2012, 46, 11524-11531.	4.6	26
215	Improving the Quality of Environmental Measurements on Short Chain Chlorinated Paraffins to Support Global Regulatory Efforts. Environmental Science & Technology, 2012, 46, 4697-4698.	4.6	46
216	Associations between complex OHC mixtures and thyroid and cortisol hormone levels in East Greenland polar bears. Environmental Research, 2012, 116, 26-35.	3.7	51

#	Article	IF	Citations
217	Measuring environmental stress in East Greenland polar bears, 1892â€“1927 and 1988â€“2009: What does hair cortisol tell us?. Environment International, 2012, 45, 15-21.	4.8	65
218	Food web structure and mercury trophodynamics in two contrasting embayments in northern Lake Victoria. Journal of Great Lakes Research, 2012, 38, 699-707.	0.8	13
219	Enantiospecific Perfluorooctane Sulfonate (PFOS) Analysis Reveals Evidence for the Source Contribution of PFOS-Precursors to the Lake Ontario Foodweb. Environmental Science & Technology, 2012, 46, 7653-7660.	4.6	53
220	Perfluoroalkyl Acids in the Atlantic and Canadian Arctic Oceans. Environmental Science & Technology, 2012, 46, 5815-5823.	4.6	136
221	Perfluoroalkyl Contaminants in Lake Ontario Lake Trout: Detailed Examination of Current Status and Long-Term Trends. Environmental Science & Technology, 2012, 46, 5842-5850.	4.6	42
222	Biomagnification of mercury through lake trout (Salvelinus namaycush) food webs of lakes with different physical, chemical and biological characteristics. Science of the Total Environment, 2012, 438, 135-143.	3.9	96
223	Determination of perfluorinated alkyl acid concentrations in biological standard reference materials. Analytical and Bioanalytical Chemistry, 2012, 404, 2683-2692.	1.9	48
224	Patterns in the limnology of lakes and ponds across multiple local and regional environmental gradients in the eastern Canadian Arctic. Inland Waters, 2012, 2, 59-76.	1.1	18
225	Two decades of biomonitoring polar bear health in Greenland: a review. Acta Veterinaria Scandinavica, 2012, 54, .	0.5	68
226	Assessment of perfluorinated compounds (PFCs) in plasma of bottlenose dolphins from two southeast US estuarine areas: Relationship with age, sex and geographic locations. Marine Pollution Bulletin, 2012, 64, 66-74.	2.3	52
227	Mass-dependent and mass-independent variations in the isotope composition of mercury in a sediment core from a lake polluted by emissions from the combustion of coal. Science of the Total Environment, 2012, 417-418, 189-203.	3.9	25
228	Past and present mercury flux to a West African crater lake (Lake Bosomtwe/Bosumtwi, Ghana). Science of the Total Environment, 2012, 420, 340-344.	3.9	5
229	Use of trophic magnification factors and related measures to characterize bioaccumulation potential of chemicals. Integrated Environmental Assessment and Management, 2012, 8, 85-97.	1.6	87
230	Trophic magnification factors: Considerations of ecology, ecosystems, and study design. Integrated Environmental Assessment and Management, 2012, 8, 64-84.	1.6	365
231	Physical and Biological Factors Affecting Mercury and Perfluorinated Contaminants in Arctic Char (Salvelinus alpinus) of Pingualuit Crater Lake (Nunavik, Canada) + Supplementary Appendices (See Article Tools). Arctic, 2012, 65, .	0.2	7
232	Perfluorinated Chemicals in Meromictic Lakes on the Northern Coast of Ellesmere Island, High Arctic Canada + Online Appendix 1 (See Article Tools). Arctic, 2012, 65, .	0.2	16
233	Response to Comment on Climate Change and Mercury Accumulation in Canadian High and Subarctic Lakes. Environmental Science & Technology, 2011, 45, 6705-6706.	4.6	10
234	Detection of a Cyclic Perfluorinated Acid, Perfluoroethylcyclohexane Sulfonate, in the Great Lakes of North America. Environmental Science & Technology, 2011, 45, 8060-8066.	4.6	154

#	Article	IF	Citations
235	Regional Contamination versus Regional Dietary Differences: Understanding Geographic Variation in Brominated and Chlorinated Contaminant Levels in Polar Bears. Environmental Science & Technology, 2011, 45, 896-902.	4.6	49
236	Climate Change and Mercury Accumulation in Canadian High and Subarctic Lakes. Environmental Science & Technology, 2011, 45, 964-970.	4.6	57
237	Monitoring of Perfluorinated Compounds in Aquatic Biota: An Updated Review. Environmental Science & Technology, 2011, 45, 7962-7973.	4.6	663
238	Identifying New Persistent and Bioaccumulative Organics Among Chemicals in Commerce II: Pharmaceuticals. Environmental Science & Technology, 2011, 45, 6938-6946.	4.6	149
239	Biomagnification of Perfluorinated Compounds in a Remote Terrestrial Food Chain: Lichenâ€“Caribouâ€“Wolf. Environmental Science & Technology, 2011, 45, 8665-8673.	4.6	154
240	Exposure to mixtures of organohalogen contaminants and associative interactions with thyroid hormones in East Greenland polar bears (Ursus maritimus). Environment International, 2011, 37, 694-708.	4.8	51
241	Toward Identifying the Next Generation of Superfund and Hazardous Waste Site Contaminants. Environmental Health Perspectives, 2011, 119, 6-10.	2.8	24
242	Persistent organic pollutants in ringed seals from the Russian Arctic. Science of the Total Environment, 2011, 409, 2734-2745.	3.9	24
243	Temporal trends of Hg in Arctic biota, an update. Science of the Total Environment, 2011, 409, 3520-3526.	3.9	108
244	Dietary exposure of rainbow trout to 8:2 and 10:2 fluorotelomer alcohols and perfluorooctanesulfonamide: Uptake, transformation and elimination. Chemosphere, 2011, 82, 253-258.	4.2	51
245	Risk ranking of multiple-POPs in detritivorous fish from the RÃo de la Plata. Chemosphere, 2011, 83, 882-889.	4.2	41
246	Comparison of mercury concentrations in landlocked, resident, and seaâ€run fish (Salvelinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	35
247	Currentâ€use pesticides in inland lake waters, precipitation, and air from Ontario, Canada. Environmental Toxicology and Chemistry, 2011, 30, 1539-1548.	2.2	34
248	Determination of perfluorinated alkyl acid concentrations in human serum and milk standard reference materials. Analytical and Bioanalytical Chemistry, 2010, 397, 439-451.	1.9	87
249	Levels and trends of new contaminants, temporal trends of legacy contaminants and effects of contaminants in the Arctic: Preface. Science of the Total Environment, 2010, 408, 2852-2853.	3.9	22
250	Endosulfan, a global pesticide: A review of its fate in the environment and occurrence in the Arctic. Science of the Total Environment, 2010, 408, 2966-2984.	3.9	409
251	Trends of legacy and new persistent organic pollutants in the circumpolar arctic: Overview, conclusions, and recommendations. Science of the Total Environment, 2010, 408, 3044-3051.	3.9	188
252	Current use pesticides in Arctic media; 2000â€“2007. Science of the Total Environment, 2010, 408, 2985-2994.	3.9	96

#	Article	IF	Citations
253	Contaminant blubber burdens in Atlantic bottlenose dolphins (Tursiops truncatus) from two southeastern US estuarine areas: Concentrations and patterns of PCBs, pesticides, PBDEs, PFCs, and PAHs. Science of the Total Environment, 2010, 408, 1577-1597.	3.9	131
254	Comparison of concentrations and stereoisomer ratios of mecoprop, dichlorprop and metolachlor in Ontario streams, 2006â€“2007 vs. 2003â€“2004. Environmental Pollution, 2010, 158, 1842-1849.	3.7	32
255	Persistent halogenated organic contaminants and mercury in northern fulmars (Fulmarus glacialis) from the Canadian Arctic. Environmental Pollution, 2010, 158, 3513-3519.	3.7	23
256	Biotransformation of the 8:2 fluorotelomer acrylate in rainbow trout. 2. In vitro incubations with liver and stomach S9 fractions. Environmental Toxicology and Chemistry, 2010, 29, 2736-2741.	2.2	28
257	Biotransformation of the 8:2 fluorotelomer acrylate in rainbow trout. 1. In vivo dietary exposure. Environmental Toxicology and Chemistry, 2010, 29, 2726-2735.	2.2	39
258	Polybrominated diphenyl ethers, toxaphenes, and other halogenated organic pollutants in great blue heron eggs. Environmental Toxicology and Chemistry, 2010, 29, 243-249.	2.2	17
259	Environmental Levels and Fate. Handbook of Environmental Chemistry, 2010, , 107-133.	0.2	9
260	Increased Accumulation of Sulfur in Lake Sediments of the High Arctic. Environmental Science & Technology, 2010, 44, 8415-8421.	4.6	21
261	Current use and legacy pesticide deposition to ice caps on Svalbard, Norway. Journal of Geophysical Research, 2010, 115, .	3.3	50
262	Response to Comment on â€œGlobal Aquatic Sampling (AQUA-GAPS): Using Passive Samplers to Monitor POPs in the Waters of the Worldâ€• Environmental Science & Technology, 2010, 44, 4386-4386.	4.6	2
263	Elucidating the Pathways of Poly- and Perfluorinated Acid Formation in Rainbow Trout. Environmental Science & Technology, 2010, 44, 4973-4980.	4.6	54
264	Identifying New Persistent and Bioaccumulative Organics Among Chemicals in Commerce. Environmental Science & Technology, 2010, 44, 2277-2285.	4.6	356
265	Accurate and Precise Determination of Silver Isotope Fractionation in Environmental Samples by Multicollector-ICPMS. Analytical Chemistry, 2010, 82, 3922-3928.	3.2	42
266	Deposition History of Brominated Flame Retardant Compounds in an Ice Core from Holtedahlfonna, Svalbard, Norway. Environmental Science & Technology, 2010, 44, 7405-7410.	4.6	80
267	Metolachlor and Atrazine in the Great Lakes. Environmental Science & Technology, 2010, 44, 4678-4684.	4.6	21
268	Perfluoroalkyl acids in Lake Superior water: Trends and sources. Journal of Great Lakes Research, 2010, 36, 277-284.	0.8	28
269	Spatial and temporal pattern of pesticides in the global atmosphere. Journal of Environmental Monitoring, 2010, 12, 1650.	2.1	106
270	Global Aquatic Passive Sampling (AQUA-GAPS): Using Passive Samplers to Monitor POPs in the Waters of the World. Environmental Science & Technology, 2010, 44, 860-864.	4.6	100

#	Article	IF	Citations
271	Temporal trends of contaminants in Arctic char (Salvelinus alpinus) from a small lake, southwest Greenland during a warming climate. Journal of Environmental Monitoring, 2010, 12, 2252.	2.1	30
272	Organic nutrients and contaminants in subsistence species of Alaska: Concentrations and relationship to food preparation method. International Journal of Circumpolar Health, 2009, 68, 354-371.	0.5	11
273	Perfluorinated Alkyl Acid Concentrations in Canadian Rivers and Creeks. Water Quality Research Journal of Canada, 2009, 44, 263-277.	1.2	26
274	Hexachlorocyclohexanes (HCH) in ringed seal (Phoca hispida) from Ulukhaktok (Holman), NT: Trends from 1978 to 2006. Science of the Total Environment, 2009, 407, 5139-5146.	3.9	14
275	Mineral density and biomechanical properties of bone tissue from male Arctic foxes (Vulpes lagopus) exposed to organochlorine contaminants and emaciation. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 97-103.	1.3	10
276	Temporal trends of mercury, cesium, potassium, selenium, and thallium in arctic char (<i>Salvelinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Environmental Toxicology and Chemistry, 2009, 28, 254-263.	2.2	58
277	DISTRIBUTION OF PERFLUOROCARBOXYLATE ISOMERS IN SELECT SAMPLES FROM THE NORTH AMERICAN ENVIRONMENT. Environmental Toxicology and Chemistry, 2009, 28, 1801.	2.2	64
278	POLYBROMINATED DIPHENYL ETHERS AND THEIR HYDROXYLATED ANALOGS IN PLASMA OF BOTTLENOSE DOLPHINS (TURSIOPS TRUNCATUS) FROM THE UNITED STATES EAST COAST. Environmental Toxicology and Chemistry, 2009, 28, 2061.	2.2	32
279	Use of Measurement Data in Evaluating Exposure of Humans and Wildlife to POPs/PBTs. Integrated Environmental Assessment and Management, 2009, 5, 638.	1.6	21
280	Introduction to Special Series: Science-Based Guidance and Framework for the Evaluation and Identification of PBTs and POPs. Integrated Environmental Assessment and Management, 2009, 5, 535.	1.6	20
281	Variations in Stable Isotope Fractionation of Hg in Food Webs of Arctic Lakes. Environmental Science & Technology, 2009, 43, 9148-9154.	4.6	87
282	Persistent organic pollutants, heavy metals and parasites in the glaucous gull (Larus hyperboreus) on Spitsbergen. Environmental Pollution, 2009, 157, 2282-2290.	3.7	55
283	Occurrence of triclosan in plasma of wild Atlantic bottlenose dolphins (Tursiops truncatus) and in their environment. Environmental Pollution, 2009, 157, 2248-2254.	3.7	154
284	Chronic dietary exposure to environmental organochlorine contaminants induces thyroid gland lesions in Arctic foxes (Vulpes lagopus). Environmental Research, 2009, 109, 702-711.	3.7	26
285	Re-engineering the eastern Lake Erie littoral food web: The trophic function of non-indigenous Ponto-Caspian species. Journal of Great Lakes Research, 2009, 35, 224-231.	0.8	68
286	Spatial Trends and Historical Deposition of Mercury in Eastern and Northern Canada Inferred from Lake Sediment Cores. Environmental Science & Technology, 2009, 43, 4802-4809.	4.6	182
287	Seasonally Resolved Concentrations of Persistent Organic Pollutants in the Global Atmosphere from the First Year of the GAPS Study. Environmental Science & Technology, 2009, 43, 796-803.	4.6	277
288	Paleolimnological evidence of mining and demographic impacts on Lac Dauriat, Schefferville (subarctic QuÃ©bec, Canada). Journal of Paleolimnology, 2008, 40, 309-324.	0.8	20

#	Article	IF	Citations
289	Spatial trends of perfluoroalkyl compounds in ringed seals (Phoca hispida) from the Canadian Arctic. Environmental Toxicology and Chemistry, 2008, 27, 542-553.	2.2	53
290	Influence of lake characteristics on the biomagnification of persistent organic pollutants in lake trout food webs. Environmental Toxicology and Chemistry, 2008, 27, 2169-2178.	2.2	82
291	Organohalogen concentrations in blood and adipose tissue of Southern Beaufort Sea polar bears. Science of the Total Environment, 2008, 406, 352-367.	3.9	42
292	Polymeric Brominated Flame Retardants: Are They a Relevant Source of Emerging Brominated Aromatic Compounds in the Environment?. Environmental Science & Technology, 2008, 42, 9039-9044.	4.6	62
293	Land use and the spatial distribution of perfluoroalkyl compounds as measured in the plasma of bottlenose dolphins (Tursiops truncatus). Marine Environmental Research, 2008, 66, 430-437.	1.1	25
294	Evidence for mass-independent and mass-dependent fractionation of the stable isotopes of mercury by natural processes in aquatic ecosystems. Applied Geochemistry, 2008, 23, 547-571.	1.4	106
295	Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States. Aquatic Toxicology, 2008, 86, 397-412.	1.9	40
296	PCBs, PBDEs and pesticides released to the Arctic Ocean by the Russian Rivers Ob and Yenisei. Environmental Science & Technology, 2008, 42, 69-74.	4.6	62
297	Tissue-specific congener composition of organohalogen and metabolite contaminants in East Greenland polar bears (Ursus maritimus). Environmental Pollution, 2008, 152, 621-629.	3.7	149
298	Toxaphene in minke whales (Balaenoptera acutorostrata) from the North Atlantic. Environmental Pollution, 2008, 153, 71-83.	3.7	6
299	Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. Environmental Pollution, 2008, 153, 618-626.	3.7	42
300	Levels and trends of persistent organic pollutants in ringed seals (Phoca hispida) from Central West Greenland, with particular focus on polybrominated diphenyl ethers (PBDEs). Environment International, 2008, 34, 499-508.	4.8	62
301	Organochlorine-induced histopathology in kidney and liver tissue from Arctic fox (Vulpes lagopus). Chemosphere, 2008, 71, 1214-1224.	4.2	43
302	Levels and temporal trends of HCH isomers in ringed seals from West and East Greenland. Journal of Environmental Monitoring, 2008, 10, 935.	2.1	16
303	Dietary biomagnification of organochlorine contaminants in Alaskan polar bears. Canadian Journal of Zoology, 2008, 86, 177-191.	0.4	47
304	Fractionation and Bioaccumulation of Perfluorooctane Sulfonate (PFOS) Isomers in a Lake Ontario Food Web. Environmental Science & Technology, 2008, 42, 9397-9403.	4.6	213
305	PCB Concentrations in Lake Trout (Salvelinus namaycush) Are Correlated to Habitat Use and Lake Characteristics. Environmental Science & Technology, 2008, 42, 8239-8244.	4.6	24
306	Hydroxylated Polybrominated Diphenyl Ethers (OH-PBDEs) in the Abiotic Environment: Surface Water and Precipitation from Ontario, Canada. Environmental Science & Technology, 2008, 42, 1657-1664.	4.6	126

#	Article	IF	Citations
307	Target Tissue Selectivity and Burdens of Diverse Classes of Brominated and Chlorinated Contaminants in Polar Bears (Ursus maritimus) from East Greenland. Environmental Science & Technology, 2008, 42, 752-759.	4.6	95
308	Bioaccumulation and Trophic Magnification of Short- and Medium-Chain Chlorinated Paraffins in Food Webs from Lake Ontario and Lake Michigan. Environmental Science & Technology, 2008, 42, 3893-3899.	4.6	219
309	Chiral Current-Use Herbicides in Ontario Streams. Environmental Science & Technology, 2008, 42, 8452-8458.	4.6	19
310	Temporal and Spatial Variation in Metric Asymmetry in Skulls of Polar Bears (Ursus maritimus) from East Greenland and Svalbard. Annales Zoologici Fennici, 2008, 45, 15-31.	0.2	17
311	Direct human impacts on high-latitude lakes and rivers. , 2008, , 291-306.		0
312	A Multi-elemental Approach to Identification of Subpopulations of North Atlantic Minke Whales Balaenoptera Acutorostrata. Wildlife Biology, 2007, 13, 84-97.	0.6	2
313	Age and seasonal variability of polybrominated diphenyl ethers in free-ranging East Greenland polar bears (Ursus maritimus). Environmental Pollution, 2007, 146, 166-173.	3.7	53
314	Global fate of POPs: Current and future research directions. Environmental Pollution, 2007, 150, 150-165.	3.7	480
315	Detection of Hydroxylated Polychlorinated Biphenyls (OH-PCBs) in the Abiotic Environment:Â Surface Water and Precipitation from Ontario, Canada. Environmental Science & Technology, 2007, 41, 1841-1848.	4.6	70
316	Organochlorine Pesticides in the Soils and Atmosphere of Costa Rica. Environmental Science & Technology, 2007, 41, 1124-1130.	4.6	104
317	Role of Temperature and Enzyme Induction in the Biotransformation of Polychlorinated Biphenyls and Bioformation of Hydroxylated Polychlorinated Biphenyls by Rainbow Trout (Oncorhynchus mykiss). Environmental Science & Technology, 2007, 41, 3856-3863.	4.6	70
318	Prevalence of Long-Chained Perfluorinated Carboxylates in Seabirds from the Canadian Arctic between 1975 and 2004. Environmental Science & Technology, 2007, 41, 3521-3528.	4.6	92
319	Spatial Distribution of Perfluoroalkyl Contaminants in Lake Trout from the Great Lakes. Environmental Science & Technology, 2007, 41, 1554-1559.	4.6	143
320	Pesticides in Western Canadian Mountain Air and Soil. Environmental Science & Technology, 2007, 41, 6020-6025.	4.6	130
321	Polychlorinated Naphthalenes in the Global Atmospheric Passive Sampling (GAPS) Study. Environmental Science & Technology, 2007, 41, 2680-2687.	4.6	97
322	Accumulation of Current-Use Pesticides in Neotropical Montane Forests. Environmental Science & Technology, 2007, 41, 1118-1123.	4.6	104
323	Deposition and Cycling of Sulfur Controls Mercury Accumulation in Isle Royale Fish. Environmental Science & Technology, 2007, 41, 7266-7272.	4.6	57
324	Perfluorinated Acids in Arctic Snow:Â New Evidence for Atmospheric Formation. Environmental Science & Technology, 2007, 41, 3455-3461.	4.6	318

#	Article	IF	Citations
325	Rapid Response of Arctic Ringed Seals to Changes in Perfluoroalkyl Production. Environmental Science & Technology, 2007, 41, 42-49.	4.6	149
326	Perfluoroalkyl Contaminants in the Canadian Arctic:Â Evidence of Atmospheric Transport and Local Contamination. Environmental Science & Technology, 2007, 41, 3529-3536.	4.6	229
327	Polycyclic aromatic hydrocarbons in Costa Rican air and soil: A tropical/temperate comparison. Atmospheric Environment, 2007, 41, 7339-7350.	1.9	70
328	ENANTIOMERIC COMPOSITION OF CHIRAL POLYCHLORINATED BIPHENYL ATROPISOMERS IN DATED SEDIMENT CORES. Environmental Toxicology and Chemistry, 2007, 26, 254.	2.2	22
329	Emerging pollutants in the North Sea in comparison to Lake Ontario, Canada, data. Environmental Toxicology and Chemistry, 2007, 26, 1081-1089.	2.2	78
330	Persistent Organic Pollutants in the Sediments of Lochnagar. , 2007, , 375-402.		16
331	Polyaromatic hydrocarbons, chlorinated and brominated organic contaminants as tracers of feeding ecology in polar benthic amphipods. Marine Ecology - Progress Series, 2007, 337, 155-164.	0.9	13
332	Toward a Global Network for Persistent Organic Pollutants in Air:Â Results from the GAPS Study. Environmental Science & Technology, 2006, 40, 4867-4873.	4.6	386
333	Temporal Trends of Perfluoroalkyl Contaminants in Polar Bears (Ursus maritimus) from Two Locations in the North American Arctic, 1972â^'2002. Environmental Science & Technology, 2006, 40, 1139-1143.	4.6	132
334	Analysis for Perfluorocarboxylic Acids/Anions in Surface Waters and Precipitation Using GCâ^'MS and Analysis of PFOA from Large-Volume Samples. Environmental Science & Technology, 2006, 40, 6405-6410.	4.6	125
335	Biological Monitoring of Polyfluoroalkyl Substances:Â A Review. Environmental Science & Technology, 2006, 40, 3463-3473.	4.6	1,083
336	Biomagnification of Perfluoroalkyl Compounds in the Bottlenose Dolphin (Tursiops truncatus) Food Web. Environmental Science & Technology, 2006, 40, 4138-4144.	4.6	231
337	Are There Other Persistent Organic Pollutants? A Challenge for Environmental Chemists. Environmental Science & Technology, 2006, 40, 7157-7166.	4.6	509
338	Poly and Perfluorinated Carboxylates in North American Precipitation. Environmental Science & Technology, 2006, 40, 7167-7174.	4.6	227
339	Brominated Flame Retardants in Polar Bears (Ursus maritimus) from Alaska, the Canadian Arctic, East Greenland, and Svalbard. Environmental Science & Technology, 2006, 40, 449-455.	4.6	172
340	Polychlorinated Biphenyls and Hydroxylated Polychlorinated Biphenyls in Plasma of Bottlenose Dolphins (Tursiops truncatus) from the Western Atlantic and the Gulf of Mexico. Environmental Science & Technology, 2006, 40, 5860-5866.	4.6	76
341	Endosulfan and Î³-HCH in the Arctic:Â An Assessment of Surface Seawater Concentrations and Airâ^'Sea Exchange. Environmental Science & Technology, 2006, 40, 7570-7576.	4.6	39
342	Empirical and Modeling Evidence of the Long-Range Atmospheric Transport of Decabromodiphenyl Ether. Environmental Science & Technology, 2006, 40, 4612-4618.	4.6	84

#	Article	IF	Citations
343	Xenoendocrine Pollutants May Reduce Size of Sexual Organs in East Greenland Polar Bears (Ursus) Tj ETQq1 1 0.784314 rgBT /Overlo	4.6	108
344	Distribution and transportability of hexabromocyclododecane (HBCD) in the Asia-Pacific region using skipjack tuna as a bioindicator. Environmental Pollution, 2006, 144, 238-247.	3.7	82
345	Polychlorinated biphenyls and polybrominated diphenyl ethers in the North American atmosphere. Environmental Pollution, 2006, 144, 434-444.	3.7	131
346	Estrogenic activity of dicofol with the human estrogen receptor: Isomer- and enantiomer-specific implications. Chemosphere, 2006, 64, 174-177.	4.2	47
347	Levels and trends of brominated flame retardants in the Arctic. Chemosphere, 2006, 64, 209-233.	4.2	413
348	ARE ORGANOHALOGEN CONTAMINANTS A COFACTOR IN THE DEVELOPMENT OF RENAL LESIONS IN EAST GREENLAND POLAR BEARS (URSUS MARITIMUS)?. Environmental Toxicology and Chemistry, 2006, 25, 1551.	2.2	60
349	PERFLUOROALKYL COMPOUNDS IN RELATION TO LIFE-HISTORY AND REPRODUCTIVE PARAMETERS IN BOTTLENOSE DOLPHINS (TURSIOPS TRUNCATUS) FROM SARASOTA BAY, FLORIDA, USA. Environmental Toxicology and Chemistry, 2006, 25, 2405.	2.2	46
350	REGIONAL AND SPECIES SPECIFIC BIOACCUMULATION OF MAJOR AND TRACE ELEMENTS IN ARCTIC SEABIRDS. Environmental Toxicology and Chemistry, 2006, 25, 2927.	2.2	62
351	Northern Rivers Ecosystem Initiative: Distribution and Effects of Contaminants. Environmental Monitoring and Assessment, 2006, 113, 143-165.	1.3	20
352	Analytical methods for PCBs and organochlorine pesticides in environmental monitoring and surveillance: a critical appraisal. Analytical and Bioanalytical Chemistry, 2006, 386, 769-789.	1.9	171
353	Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears (Ursus maritimus). Environmental Toxicology and Chemistry, 2005, 24, 981-986.	2.2	109
354	NEW ORGANOCHLORINE CONTAMINANTS AND METABOLITES IN PLASMA AND EGGS OF GLAUCOUS GULLS (LARUS HYPERBOREUS) FROM THE NORWEGIAN ARCTIC. Environmental Toxicology and Chemistry, 2005, 24, 2486.	2.2	75
355	Circumpolar pattern of mercury and cadmium in ringed seals. Science of the Total Environment, 2005, 351-352, 312-322.	3.9	32
356	Enlarged clitoris in wild polar bears (Ursus maritimus) can be misdiagnosed as pseudohermaphroditism. Science of the Total Environment, 2005, 337, 45-58.	3.9	21
357	Spatial and temporal trends of mercury and other metals in landlocked char from lakes in the Canadian Arctic archipelago. Science of the Total Environment, 2005, 351-352, 464-478.	3.9	56
358	Trends in fluctuating asymmetry in East Greenland polar bears (Ursus maritimus) from 1892 to 2002 in relation to organohalogen pollution. Science of the Total Environment, 2005, 341, 81-96.	3.9	24
359	Histology of selected immunological organs in polar bear (Ursus maritimus) from East Greenland in relation to concentrations of organohalogen contaminants. Science of the Total Environment, 2005, 341, 119-132.	3.9	33
360	Chlorinated hydrocarbon contaminants and metabolites in polar bears (Ursus maritimus) from Alaska, Canada, East Greenland, and Svalbard: 1996â˜2002. Science of the Total Environment, 2005, 351-352, 369-390.	3.9	113

#	Article	IF	Citations
361	Spatial and temporal trends of contaminants in terrestrial biota from the Canadian Arctic. Science of the Total Environment, 2005, 351-352, 148-164.	3.9	55
362	Spatial trends and factors affecting variation of organochlorine contaminants levels in Canadian Arctic beluga (Delphinapterus leucas). Science of the Total Environment, 2005, 351-352, 344-368.	3.9	22
363	Persistent organic pollutants and mercury in marine biota of the Canadian Arctic: An overview of spatial and temporal trends. Science of the Total Environment, 2005, 351-352, 4-56.	3.9	336
364	A history of total mercury in edible muscle of fish from lakes in northern Canada. Science of the Total Environment, 2005, 351-352, 427-463.	3.9	87
365	Temporal and spatial variabilities of atmospheric polychlorinated biphenyls (PCBs), organochlorine (OC) pesticides and polycyclic aromatic hydrocarbons (PAHs) in the Canadian Arctic: Results from a decade of monitoring. Science of the Total Environment, 2005, 342, 119-144.	3.9	259
366	Development and application of bioaccumulation models to assess persistent organic pollutant temporal trends in arctic ringed seal (Phoca hispida) populations. Science of the Total Environment, 2005, 351-352, 413-426.	3.9	31
367	An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife. Science of the Total Environment, 2005, 351-352, 57-93.	3.9	160
368	Persistent organic pollutants and metals in the freshwater biota of the Canadian Subarctic and Arctic: An overview. Science of the Total Environment, 2005, 351-352, 94-147.	3.9	77
369	Mercury and other trace elements in a pelagic Arctic marine food web (Northwater Polynya, Baffin) Tj ETQq1 1 0.784314 rgBT /Overlock	3.9	424
370	Contaminants in Canadian Arctic biota and implications for human health: Preface. Science of the Total Environment, 2005, 351-352, 1-3.	3.9	1
371	Contaminants in Canadian arctic biota and implications for human health: Conclusions and knowledge gaps. Science of the Total Environment, 2005, 351-352, 539-546.	3.9	11
372	Concentrations of selected persistent organochlorine contaminants in store-bought foods from northern Alaska. International Journal of Circumpolar Health, 2005, 64, 303-313.	0.5	10
373	Do Organohalogen Contaminants Contribute to Histopathology in Liver from East Greenland Polar Bears (Ursus maritimus)?. Environmental Health Perspectives, 2005, 113, 1569-1574.	2.8	62
374	Organohalogen Contaminants in Delphinoid Cetaceans. Reviews of Environmental Contamination and Toxicology, 2005, 184, 1-57.	0.7	38
375	Simultaneous analysis of organic pollutants in soils by gas chromatography and gas chromatographyâ€“mass spectrometry. International Journal of Environmental Analytical Chemistry, 2005, 85, 89-98.	1.8	13
376	Evidence for biomagnification of rubidium in freshwater and marine food webs. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 1161-1167.	0.7	74
377	Circumpolar Study of Perfluoroalkyl Contaminants in Polar Bears (Ursus maritimus). Environmental Science & Technology, 2005, 39, 5517-5523.	4.6	159
378	Flame Retardants and Methoxylated and Hydroxylated Polybrominated Diphenyl Ethers in Two Norwegian Arctic Top Predators:â€‰ Glaucous Gulls and Polar Bears. Environmental Science & Technology, 2005, 39, 6021-6028.	4.6	263

#	Article	IF	Citations
379	Current-Use and Legacy Pesticide History in the Austfonna Ice Cap, Svalbard, Norway. Environmental Science & Technology, 2005, 39, 8163-8169.	4.6	62
380	Comparison of Toxaphene Congeners Levels in Five Seal Species from Eastern Canada:â€‰ What Is the Importance of Biological Factors?. Environmental Science & Technology, 2005, 39, 1448-1454.	4.6	19
381	Perfluorinated Alkyl Substances in Plasma, Liver, Brain, and Eggs of Glaucous Gulls (Larus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	4.6	164
382	Comparison of Haloacetic Acids in the Environment of the Northern and Southern Hemispheres. Environmental Science & Technology, 2005, 39, 8664-8670.	4.6	38
383	Trifluoroacetate Profiles in the Arctic, Atlantic, and Pacific Oceans. Environmental Science & Technology, 2005, 39, 6555-6560.	4.6	62
384	Bioaccumulation of PCBs in Arctic seabirds: influence of dietary exposure and congener biotransformation. Environmental Pollution, 2005, 134, 397-409.	3.7	94
385	Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: Implications for human exposure from a subsistence diet. Environmental Research, 2005, 98, 329-340.	3.7	40
386	Polyfluoroalkyl Compounds in Free-Ranging Bottlenose Dolphins (Tursiops truncatus) from the Gulf of Mexico and the Atlantic Ocean. Environmental Science & Technology, 2005, 39, 6591-6598.	4.6	139
387	Atmospheric Distribution and Long-Range Transport Behavior of Organochlorine Pesticides in North America. Environmental Science & Technology, 2005, 39, 409-420.	4.6	309
388	Bioaccumulation Factors for PCBs Revisited. Environmental Science & Technology, 2005, 39, 4523-4532.	4.6	75
389	Is Bone Mineral Composition Disrupted by Organochlorines in East Greenland Polar Bears (Ursus) Tj ETQq1 1 0.784314 rgBT /Overloc	2.8	103
390	A consideration of potential confounding factors limiting chemical and biological recovery at Lochnagar, a remote mountain loch in Scotland. Journal of Limnology, 2004, 63, 63.	0.3	25
391	Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (Ursus) Tj ETQq1 1 0.784314 rgBT /Overl	3.9	111
392	Levels and spatial and temporal trends of contaminants in Greenland biota: an updated review. Science of the Total Environment, 2004, 331, 29-52.	3.9	107
393	Seasonal and temporal trends in polychlorinated biphenyls and organochlorine pesticides in East Greenland polar bears (Ursus maritimus), 1990â€“2001. Science of the Total Environment, 2004, 331, 107-124.	3.9	107
394	Chlorobenzenes, chlorinated pesticides, coplanar chlorobiphenyls and other organochlorine compounds in Greenland biota. Science of the Total Environment, 2004, 331, 157-175.	3.9	78
395	Human exposure to contaminants in the traditional Greenland diet. Science of the Total Environment, 2004, 331, 189-206.	3.9	102
396	EMPIRICAL AND MODELING EVIDENCE OF REGIONAL ATMOSPHERIC TRANSPORT OF CURRENT-USE PESTICIDES. Environmental Toxicology and Chemistry, 2004, 23, 2421.	2.2	128

#	Article	IF	Citations
397	BIOLOGICAL AND CHEMICAL FACTORS OF IMPORTANCE IN THE BIOACCUMULATION AND TROPHIC TRANSFER OF PERSISTENT ORGANOCHLORINE CONTAMINANTS IN ARCTIC MARINE FOOD WEBS. Environmental Toxicology and Chemistry, 2004, 23, 2367.	2.2	383
398	A WORLD MODEL, A MODEL WORLDâ€"Editorial. Environmental Toxicology and Chemistry, 2004, 23, 2279.	2.2	3
399	Hexachlorocyclohexanes in the North American Atmosphere. Environmental Science & Technology, 2004, 38, 965-975.	4.6	166
400	Perfluoroalkyl Contaminants in a Food Web from Lake Ontario. Environmental Science & Technology, 2004, 38, 5379-5385.	4.6	460
401	Vapor Pressures of the Fluorinated Telomer AlcoholsLimitations of Estimation Methods. Environmental Science & Technology, 2004, 38, 1693-1699.	4.6	59
402	Polyfluorinated Telomer Alcohols and Sulfonamides in the North American Troposphere. Environmental Science & Technology, 2004, 38, 991-996.	4.6	248
403	Historical Variations in the Stable Isotope Composition of Mercury in Arctic Lake Sediments. Environmental Science & Technology, 2004, 38, 2813-2821.	4.6	75
404	Peer Reviewed: Analytical Challenges Hamper Perfluoroalkyl Research. Environmental Science & Technology, 2004, 38, 248A-255A.	4.6	201
405	Organochlorine Compounds in Lake Superior:Â Chiral Polychlorinated Biphenyls and Biotransformation in the Aquatic Food Web. Environmental Science & Technology, 2004, 38, 84-92.	4.6	90
406	Identification of Long-Chain Perfluorinated Acids in Biota from the Canadian Arctic. Environmental Science & Technology, 2004, 38, 373-380.	4.6	619
407	Altered thyroid status in lake trout (Salvelinus namaycush) exposed to co-planar 3,3â€²,4,4â€²,5-pentachlorobiphenyl. Aquatic Toxicology, 2004, 67, 75-85.	1.9	45
408	Bioaccumulation of Toxaphene Congeners in the Lake Superior Food Web. Journal of Great Lakes Research, 2004, 30, 316-340.	0.8	29
409	RESPONSE OF THE ZOOPLANKTON COMMUNITY AND ENVIRONMENTAL FATE OF PERFLUOROOCTANE SULFONIC ACID IN AQUATIC MICROCOSMS. Environmental Toxicology and Chemistry, 2003, 22, 2739.	2.2	46
410	CONCENTRATIONS OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS IN AMPHIPODS (GAMMARUS LACUSTRIS) ALONG AN ELEVATION GRADIENT IN MOUNTAIN LAKES OF WESTERN CANADA. Environmental Toxicology and Chemistry, 2003, 22, 2605.	2.2	38
411	ENANTIOMER-SPECIFIC BIOMAGNIFICATION OF Î±-HEXACHLOROCYCLOHEXANE AND SELECTED CHIRAL CHLORDANE-RELATED COMPOUNDS WITHIN AN ARCTIC MARINE FOOD WEB. Environmental Toxicology and Chemistry, 2003, 22, 2482.	2.2	58
412	HYDROXYLATED AND METHYLSULFONE-CONTAINING METABOLITES OF POLYCHLORINATED BIPHENYLS IN THE PLASMA AND BLUBBER OF BOWHEAD WHALES (BALAENA MYSTICETUS). Environmental Toxicology and Chemistry, 2003, 22, 2650.	2.2	48
413	Bioaccumulation of PCBs and chlorinated pesticides in seals, fishes and invertebrates from the White Sea, Russia. Science of the Total Environment, 2003, 306, 111-131.	3.9	105
414	POPs and heavy metal contamination in the Russian Arctic marine and freshwater environments. Science of the Total Environment, 2003, 306, 1-2.	3.9	2

#	Article	IF	Citations
415	Concentrations of selected essential and non-essential elements in arctic fox (Alopex lagopus) and wolverines (Gulo gulo) from the Canadian Arctic. Science of the Total Environment, 2003, 309, 81-92.	3.9	53
416	Biomagnification. Marine Pollution Bulletin, 2003, 46, 522-524.	2.3	8
417	Assessment and characterization of polychlorinated biphenyls near a hazardous waste incinerator: Analysis of vegetation, snow, and sediments. Environmental Toxicology and Chemistry, 2003, 22, 126-133.	2.2	30
418	Dietary accumulation of perfluorinated acids in juvenile rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (	2.2	373
419	Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (Oncorhynchus mykiss). Environmental Toxicology and Chemistry, 2003, 22, 196-204.	2.2	782
420	Spatial and Temporal Trends in Short-Chain Chlorinated Paraffins in Lake Ontario Sediments. Environmental Science & Technology, 2003, 37, 4561-4568.	4.6	82
421	Hydroxylated PCBs and Other Chlorinated Phenolic Compounds in Lake Trout (Salvelinus namaycush) Blood Plasma from the Great Lakes Region. Environmental Science & Technology, 2003, 37, 1720-1725.	4.6	59
422	Development and Calibration of a Resin-Based Passive Sampling System for Monitoring Persistent Organic Pollutants in the Atmosphere. Environmental Science & Technology, 2003, 37, 1352-1359.	4.6	253
423	Airborne Haloacetic Acids. Environmental Science & Technology, 2003, 37, 2889-2897.	4.6	36
424	Levels and Temporal Trends of Toxaphene Congeners in Beluga Whales (Delphinapterus leucas) from the St. Lawrence Estuary, Canada. Environmental Science & Technology, 2003, 37, 4603-4609.	4.6	17
425	Ice cores from Svalbardâ€“â€“useful archives of past climate and pollution history. Physics and Chemistry of the Earth, 2003, 28, 1217-1228.	1.2	98
426	Measurement of 13C/12C of chloroacetic acids by gas chromatography/combustion/isotope ratio mass spectrometry. Chemosphere, 2003, 50, 903-909.	4.2	8
427	Profile of persistent chlorinated contaminants, including selected chiral compounds, in wolverine (Gulo gulo) livers from the Canadian Arctic. Chemosphere, 2003, 53, 551-560.	4.2	30
428	Levels and patterns of persistent organochlorines in minke whale (Balaenoptera acutorostrata) stocks from the North Atlantic and European Arctic. Environmental Pollution, 2003, 121, 239-252.	3.7	36
429	PCBs and organochlorine pesticides in blubber biopsies from free-ranging St. Lawrence River Estuary beluga whales (Delphinapterus leucas), 1994â€“1998. Environmental Pollution, 2003, 122, 291-302.	3.7	55
430	Organochlorine contaminant and stable isotope profiles in Arctic fox (Alopex lagopus) from the Alaskan and Canadian Arctic. Environmental Pollution, 2003, 122, 423-433.	3.7	47
431	Trophic transfer of persistent organochlorine contaminants (OCs) within an Arctic marine food web from the southern Beaufortâ€“Chukchi Seas. Environmental Pollution, 2003, 124, 509-522.	3.7	250
432	Field level evaluation and risk assessment of the toxicity of dichloroacetic acid to the aquatic macrophytes Lemna gibba, Myriophyllum spicatum, and Myriophyllum sibiricum. Ecotoxicology and Environmental Safety, 2003, 55, 46-63.	2.9	19

#	Article	IF	Citations
433	Assessing Trends in Organochlorine Concentrations in Lake Winnipeg Fish Following the 1997 Red River Flood. Journal of Great Lakes Research, 2003, 29, 332-354.	0.8	22
434	The use of 19F NMR and mass spectrometry for the elucidation of novel fluorinated acids and atmospheric fluoroacid precursors evolved in the thermolysis of fluoropolymers. Analyst, The, 2003, 128, 756.	1.7	44
435	Limnological characteristics of 56 lakes in the Central Canadian Arctic Treeline Region. Journal of Limnology, 2003, 62, 9.	0.3	37
436	DIETARY ACCUMULATION OF PERFLUORINATED ACIDS IN JUVENILE RAINBOW TROUT (ONCORHYNCHUS) Tj ETQq0 0 0 rgBT /Overlock	2.2	136
437	Assessment and characterization of polychlorinated biphenyls near a hazardous waste incinerator: analysis of vegetation, snow, and sediments. Environmental Toxicology and Chemistry, 2003, 22, 126-33.	2.2	3
438	Paleolimnological Methods And Applications For Persistent Organic Pollutants. , 2002, , 271-298.		1
439	Distribution of Haloacetic Acids in the Water Columns of the Laurentian Great Lakes and Lake Malawi. Environmental Science & Technology, 2002, 36, 1893-1898.	4.6	35
440	Rainbow Trout (Oncorhynchus mykiss) Can Eliminate Chiral Organochlorine Compounds Enantioselectively. Environmental Science & Technology, 2002, 36, 1257-1262.	4.6	96
441	Variation in Organochlorine Bioaccumulation by a Predatory Fish; Gender, Geography, and Data Analysis Methods. Environmental Science & Technology, 2002, 36, 4238-4244.	4.6	46
442	Enantiomer-Specific Accumulation of PCB Atropisomers in the Bowhead Whale (Balaena mysticetus). Environmental Science & Technology, 2002, 36, 1419-1425.	4.6	48
443	Monitoring Perfluorinated Surfactants in Biota and Surface Water Samples Following an Accidental Release of Fire-Fighting Foam into Etobicoke Creek. Environmental Science & Technology, 2002, 36, 545-551.	4.6	486
444	Collection of Airborne Fluorinated Organics and Analysis by Gas Chromatography/Chemical Ionization Mass Spectrometry. Analytical Chemistry, 2002, 74, 584-590.	3.2	294
445	Trophic ecology of bowhead whales (Balaena mysticetus) compared with that of other arctic marine biota as interpreted from carbon-, nitrogen-, and sulfur-isotope signatures. Canadian Journal of Zoology, 2002, 80, 223-231.	0.4	79
446	Spatial distribution of polybrominated diphenyl ethers and polybrominated biphenyls in lake trout from the Laurentian Great Lakes. Chemosphere, 2002, 46, 665-672.	4.2	183
447	Enantiomer fractions of chiral organochlorine pesticides and polychlorinated biphenyls in standard and certified reference materials. Chemosphere, 2002, 49, 1339-1347.	4.2	58
448	Trichloroacetic acid fate and toxicity to the macrophytes Myriophyllum spicatum and Myriophyllum sibiricum under field conditions. Aquatic Toxicology, 2002, 56, 241-255.	1.9	14
449	Dietary accumulation and biochemical responses of juvenile rainbow trout (Oncorhynchus mykiss) to 3,3â€²,4,4â€²,5-pentachlorobiphenyl (PCB 126). Aquatic Toxicology, 2002, 59, 139-152.	1.9	58
450	Evaluation of monochloroacetic acid (MCA) degradation and toxicity to Lemna gibba, Myriophyllum spicatum, and Myriophyllum sibiricum in aquatic microcosms. Aquatic Toxicology, 2002, 61, 251-273.	1.9	26

#	Article	IF	Citations
451	Trichloroacetic acid (TCA) and trifluoroacetic acid (TFA) mixture toxicity to the macrophytes Myriophyllum spicatum and Myriophyllum sibiricum in aquatic microcosms. Science of the Total Environment, 2002, 285, 247-259.	3.9	26
452	Limnological Characteristics of 38 Lakes and Pondson Axel Heiberg Island, High Arctic Canada. International Review of Hydrobiology, 2002, 87, 385.	0.5	41
453	Toxaphene and other persistent organochlorine pesticides in three species of albatrosses from the north and south Pacific Ocean. Environmental Toxicology and Chemistry, 2002, 21, 413-423.	2.2	28
454	Spatial trends and bioaccumulation of organochlorine pollutants in marine zooplankton from the Alaskan and Canadian Arctic. Environmental Toxicology and Chemistry, 2002, 21, 575-583.	2.2	66
455	Bioaccumulation of Organochlorine Contaminants in Bowhead Whales (Balaena mysticetus) from Barrow, Alaska. Archives of Environmental Contamination and Toxicology, 2002, 42, 497-507.	2.1	61
456	Global Distribution of Halogenated Dimethyl Bipyrroles in Marine Mammal Blubber. Archives of Environmental Contamination and Toxicology, 2002, 43, 244-255.	2.1	50
457	Geochemistry of ice-covered, meromictic Lake A in the Canadian High Arctic. Aquatic Geochemistry, 2002, 8, 97-119.	1.5	34
458	Toxaphene and other persistent organochlorine pesticides in three species of albatrosses from the north and south Pacific Ocean. Environmental Toxicology and Chemistry, 2002, 21, 413-23.	2.2	8
459	Spatial trends and bioaccumulation of organochlorine pollutants in marine zooplankton from the Alaskan and Canadian Arctic. Environmental Toxicology and Chemistry, 2002, 21, 575-83.	2.2	2
460	Determination of Perfluorinated Surfactants in Surface Water Samples by Two Independent Analytical Techniques:Â Liquid Chromatography/Tandem Mass Spectrometry and19F NMR. Analytical Chemistry, 2001, 73, 2200-2206.	3.2	233
461	Enantiomer-specific activity of o,pâ€²-DDT with the human estrogen receptor. Toxicology Letters, 2001, 125, 75-81.	0.4	75
462	Examination of the behavior and liver and thyroid histology of juvenile rainbow trout (Oncorhynchus mykiss) exposed to high dietary concentrations of C10-, C11-, C12- and C14-polychlorinated n-alkanes. Aquatic Toxicology, 2001, 54, 81-99.	1.9	84
463	The fate and persistence of trifluoroacetic and chloroacetic acids in pond waters. Chemosphere, 2001, 42, 309-318.	4.2	92
464	Biomagnification of DDT through the Benthic and Pelagic Food Webs of Lake Malawi, East Africa:Â Importance of Trophic Level and Carbon Source. Environmental Science & Technology, 2001, 35, 14-20.	4.6	177
465	Melting Glaciers: A Major Source of Persistent Organochlorines to Subalpine Bow Lake in Banff National Park, Canada. Ambio, 2001, 30, 410-415.	2.8	165
466	An Historical Record of Toxaphene and Its Congeners in a Remote Lake in Western Europe. Environmental Science & Technology, 2001, 35, 1312-1319.	4.6	51
467	Fluxes of semivolatile organochlorine compounds in Bow Lake, a highâ€altitude, glacierâ€fed, subalpine lake in the Canadian Rocky Mountains. Limnology and Oceanography, 2001, 46, 2019-2031.	1.6	46
468	Thermolysis of fluoropolymers as a potential source of halogenated organic acids in the environment. Nature, 2001, 412, 321-324.	13.7	283

#	Article	IF	Citations
469	Historical contamination of Yukon Lake sediments by PCBs and organochlorine pesticides: influence of local sources and watershed characteristics. Science of the Total Environment, 2001, 280, 17-37.	3.9	72
470	Methylsulfone polycglorinated biphenyl and 2,2â€bis(chlorophenyl)â€1,1â€dichloroethylene metabolites in beluga whale (Delphinapterus leucas) from the St. Lawrence river estuary and western Hudson bay, Canada. Environmental Toxicology and Chemistry, 2000, 19, 1378-1388.	2.2	12
471	Longâ€term fate and bioavailability of sedimentâ€associated 2,3,7,8â€tetrachlorodibenzofuran in littoral enclosures. Environmental Toxicology and Chemistry, 2000, 19, 1491-1500.	2.2	3
472	Dietary accumulation and quantitative structureâ€activity relationships for depuration and biotransformation of short (C₁₀), medium (C₁₄), and long (C₁₈) carbonâ€chain polychlorinated alkanes by juvenile rainbow trout (Oncorhynchus mykiss). Environmental Toxicology and Chemistry, 2000, 19, 1508-1516.	2.2	78
473	Short Chain Chlorinated Paraffins: Are They Persistent and Bioaccumulative?. ACS Symposium Series, 2000, , 184-202.	0.5	11
474	Chlorinated Paraffins. , 2000, , 203-236.		28
475	Historical Deposition of PCBs and Organochlorine Pesticides to Lake Winnipeg (Canada). Journal of Great Lakes Research, 2000, 26, 3-17.	0.8	13
476	Contaminants in the Canadian Arctic: 5 years of progress in understanding sources, occurrence and pathways. Science of the Total Environment, 2000, 254, 93-234.	3.9	600
477	Temporal and spatial trends of persistent organochlorines in Greenland walrus (Odobenus rosmarus) Tj ETQq1 1 0.784314 rgBT /Over	3.9	31
478	A modelling-based perspective on the past, present, and future polychlorinated biphenyl contamination of the St. Lawrence beluga whale (Delphinapterus leucas) population. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 101-112.	0.7	42
479	Persistent Chlorinated Pesticides in Air, Water, and Precipitation from the Lake Malawi Area, Southern Africa. Environmental Science & Technology, 2000, 34, 4490-4495.	4.6	84
480	Organochlorine transfer in the food web of subalpine Bow Lake, Banff National Park. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 1258-1269.	0.7	64
481	Levels of C10â^'C13Polychloro-n-Alkanes in Marine Mammals from the Arctic and the St. Lawrence River Estuary. Environmental Science & Technology, 2000, 34, 1615-1619.	4.6	100
482	Circumpolar Trends of PCBs and Organochlorine Pesticides in the Arctic Marine Environment Inferred from Levels in Ringed Seals. Environmental Science & Technology, 2000, 34, 2431-2438.	4.6	105
483	Response to Comment on â€œDelayed Deposition of Organochlorine Pesticides in a Temperate Glacierâ€. Environmental Science & Technology, 2000, 34, 2873-2874.	4.6	1
484	Detection of Chlorodifluoroacetic Acid in Precipitation:â€‰ A Possible Product of Fluorocarbon Degradation. Environmental Science & Technology, 2000, 34, 274-281.	4.6	44
485	Haloacetic Acids in Canadian Lake Waters and Precipitation. Environmental Science & Technology, 2000, 34, 4266-4272.	4.6	64
486	Development of an19F NMR Method for the Analysis of Fluorinated Acids in Environmental Water Samples. Analytical Chemistry, 2000, 72, 726-731.	3.2	51

#	Article	IF	Citations
487	Atmospheric organochlorine pesticides in the western Canadian Arctic: Evidence of transpacific transport. Journal of Geophysical Research, 2000, 105, 11805-11811.	3.3	120
488	Geographical differences and time trends of persistent organic pollutants in the Arctic. Toxicology Letters, 2000, 112-113, 93-101.	0.4	54
489	A modelling-based perspective on the past, present, and future polychlorinated biphenyl contamination of the St. Lawrence beluga whale (Delphinapterus leucas) population. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 101-112.	0.7	7
490	METHYLSULFONE POLYCHLORINATED BIPHENYL AND 2,2-BIS(CHLOROPHENYL)-1,1-DICHLOROETHYLENE METABOLITES IN BELUGA WHALE (DELPHINAPTERUS LEUCAS) FROM THE ST. LAWRENCE RIVER ESTUARY AND WESTERN HUDSON BAY, CANADA. Environmental Toxicology and Chemistry, 2000, 19, 1378.	2.2	25
491	DIETARY ACCUMULATION AND QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS FOR DEPURATION AND BIOTRANSFORMATION OF SHORT (C10), MEDIUM (C14), AND LONG (C18) CARBON-CHAIN POLYCHLORINATED ALKANES BY JUVENILE RAINBOW TROUT (ONCORHYNCHUS MYKISS). Environmental Toxicology and Chemistry, 2000, 19, 1508.	2.2	16
492	A Multiâ€Year Study of Four Herbicides in Air and Precipitation from a Small Prairie Watershed. Journal of Environmental Quality, 1999, 28, 898-906.	1.0	32
493	A Multiâ€Year Study of Four Herbicides in Surface Water of a Small Prairie Watershed. Journal of Environmental Quality, 1999, 28, 906-917.	1.0	21
494	Interlaboratory Study on Quantitative Methods of Analysis of C10â^'C13Polychloro-n-alkanes. Analytical Chemistry, 1999, 71, 446-451.	3.2	76
495	Accumulation and depuration of 2,3,7,8â€tetrachlorodibenzofuran and octachlorodibenzoâ€pâ€dioxin by caddisfly larvae (Hydropsyche bidens (ross)) in miniature laboratory streams. Environmental Toxicology and Chemistry, 1999, 18, 2352-2360.	2.2	3
496	Toxicity of C, C, C, and CPolychlorinated alkanes to Japanese medaka (Oryzias latipes) embryos. Environmental Toxicology and Chemistry, 1999, 18, 2894-2902.	2.2	23
497	Modelling agrochemical dissipation in surface microlayers following aerial deposition. Chemosphere, 1999, 38, 121-141.	4.2	16
498	Predicting bioconcentration factors (BCFs) of polychlorinated bornane (toxaphene) congeners in fish and comparison with bioaccumulation factors (BAFs) in biota from the aquatic environment. Chemosphere, 1999, 39, 655-663.	4.2	10
499	Octanol/water partition coefficients of toxaphene congeners determined by the â€œslow-stirringâ€• method. Chemosphere, 1999, 39, 2549-2562.	4.2	39
500	Spatial and temporal trends and effects of contaminants in the Canadian Arctic marine ecosystem: a review. Science of the Total Environment, 1999, 230, 83-144.	3.9	317
501	Spatial and temporal trends of contaminants in Canadian Arctic freshwater and terrestrial ecosystems: a review. Science of the Total Environment, 1999, 230, 145-207.	3.9	160
502	Occurrence of C10â^'C13Polychlorinatedn-Alkanes in Canadian Midlatitude and Arctic Lake Sediments. Environmental Science & Technology, 1999, 33, 2858-2863.	4.6	137
503	Sources of Chlorpyrifos and Dacthal to a Small Canadian Prairie Watershed. Environmental Science & Technology, 1999, 33, 3317-3323.	4.6	21
504	Delayed Deposition of Organochlorine Pesticides at a Temperate Glacier. Environmental Science & Technology, 1999, 33, 1794-1798.	4.6	65

#	Article	IF	Citations
505	Effects of northern pike (Esox lucius) additions on pollutant accumulation and food web structure, as determined by Î´¹³C and Î´¹⁵N , in a eutrophic and an oligotrophic lake. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 2193-2202.	0.7	66
506	Immune Functions in the Fisher Rat Fed Beluga Whale (Delphinapterus leucas) Blubber from the Contaminated St. Lawrence Estuary. Environmental Research, 1999, 80, S104-S112.	3.7	14
507	LONG-TERM EFFECTS OF TOXAPHENE AND DEPURATION IN LAKE TROUT AND WHITE SUCKER IN A NATURAL ECOSYSTEM. Environmental Toxicology and Chemistry, 1999, 18, 1992.	2.2	1
508	ACCUMULATION AND DEPURATION OF 2,3,7,8-TETRACHLORODIBENZOFURAN AND OCTACHLORODIBENZO-p-DIOXIN BY CADDISFLY LARVAE (HYDROPSYCHE BIDENS (ROSS)) IN MINIATURE LABORATORY STREAMS. Environmental Toxicology and Chemistry, 1999, 18, 2352.	2.2	2
509	Accumulation of persistent organochlorine compounds in mountains of western Canada. Nature, 1998, 395, 585-588.	13.7	401
510	Biochemical and histological responses in rainbow trout (Oncorhynchus mykiss) exposed to 2,3,4,7,8â€pentachlorodibenzofuran. Environmental Toxicology and Chemistry, 1998, 17, 915-921.	2.2	17
511	Reproductive success in rainbow trout following parental transfer of 2,3,4,7,8â€pentachlorodibenzofuran. Environmental Toxicology and Chemistry, 1998, 17, 922-927.	2.2	4
512	Dietary accumulation and depuration of hydrophobic organochlorines: Bioaccumulation parameters and their relationship with the octanol/water partition coefficient. Environmental Toxicology and Chemistry, 1998, 17, 951-961.	2.2	350
513	Volatility of chlorinated nâ€alkanes (C₁₀â€“C₁₂): Vapor pressures and Henry's law constants. Environmental Toxicology and Chemistry, 1998, 17, 1252-1260.	2.2	48
514	Estimating the aqueous solubilities of individual chlorinated nâ€alkanes (C₁₀â€“C₁₂) from measurements of chlorinated alkane mixtures. Environmental Toxicology and Chemistry, 1998, 17, 1261-1267.	2.2	24
515	Accumulation and depuration of sedimentâ€sorbed C₁₂â€•and C₁₆â€polychlorinated alkanes by oligochaetes (Lumbriculus variegatus). Environmental Toxicology and Chemistry, 1998, 17, 2019-2026.	2.2	46
516	Dietary accumulation and depuration of individual C10-, C11- and C14-polychlorinated alkanes by juvenile rainbow trout (Oncorhynchus mykiss). Aquatic Toxicology, 1998, 43, 209-221.	1.9	60
517	Effects of temperature and sample amount on the electron capture negative ion mass spectra of polychloro-n-alkanes. Chemosphere, 1998, 37, 1395-1410.	4.2	24
518	Chlorobornanes in Water, Sediment, and Fish from Toxaphene Treated and Untreated Lakes in Western Canada. Environmental Science & Technology, 1998, 32, 1391-1397.	4.6	36
519	Biotransformation versus Bioaccumulation:Â Sources of Methyl Sulfone PCB and 4,4â€˜-DDE Metabolites in the Polar Bear Food Chain. Environmental Science & Technology, 1998, 32, 1656-1661.	4.6	111
520	Effects of trophic position and lipid on organochlorine concentrations in fishes from subarctic lakes in Yukon Territory. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 869-881.	0.7	107
521	BIOCHEMICAL AND HISTOLOGICAL RESPONSES IN RAINBOW TROUT (ONCORHYNCHUS MYKISS) EXPOSED TO 2,3,4,7,8-PENTACHLORODIBENZOFURAN. Environmental Toxicology and Chemistry, 1998, 17, 915.	2.2	3
522	VOLATILITY OF CHLORINATED n-ALKANES (C10â€“C12): VAPOR PRESSURES AND HENRY'S LAW CONSTANTS. Environmental Toxicology and Chemistry, 1998, 17, 1252.	2.2	43

#	Article	IF	Citations
523	ESTIMATING THE AQUEOUS SOLUBILITIES OF INDIVIDUAL CHLORINATED n-ALKANES (C10â€“C12) FROM MEASUREMENTS OF CHLORINATED ALKANE MIXTURES. Environmental Toxicology and Chemistry, 1998, 17, 1261.	2.2	25
524	ACCUMULATION AND DEPURATION OF SEDIMENT-SORBED C12- AND C16-POLYCHLORINATED ALKANES BY OLIGOCHAETES (LUMBRICULUS VARIEGATUS). Environmental Toxicology and Chemistry, 1998, 17, 2019.	2.2	4
525	Spatial and Temporal Variation of Polycyclic Aromatic Hydrocarbons in the Arctic Atmosphere. Environmental Science & Technology, 1997, 31, 3593-3599.	4.6	165
526	Polychlorinated Biphenyls in Arctic Air. 1. Temporal and Spatial Trends:Â 1992â^'1994. Environmental Science & Technology, 1997, 31, 3619-3628.	4.6	118
527	Regional Patterns in Organochlorine Contamination of Saxifrage from Ellesmere Island in the High Arctic (77â^'81Â° N). Environmental Science & Technology, 1997, 31, 1879-1882.	4.6	5
528	Quantifying C10â^'C13Polychloroalkanes in Environmental Samples by High-Resolution Gas Chromatography/Electron Capture Negative Ion High-Resolution Mass Spectrometry. Analytical Chemistry, 1997, 69, 2762-2771.	3.2	242
529	Accumulation, depuration and hepatic mixed-function oxidase enzyme induction in juvenile rainbow trout and lake whitefish exposed to dietary 2,3,7,8-tetrachlorodibenzo -p-dioxin. Aquatic Toxicology, 1997, 37, 201-220.	1.9	22
530	Concentrations and accumulation patterns of organochlorine contaminants in the blubber of harbour porpoises, Phocoena phocoena, from the coast of Newfoundland, the Gulf of St Lawrence and the Bay of Fundy/Gulf of Maine. Environmental Pollution, 1997, 95, 105-119.	3.7	51
531	Geographical variation of persistent organochlorine concentrations in blubber of ringed seal (Phoca) Tj ETQq1 1 0.784314 rgBT /Over 1997, 96, 321-333.	3.7	38
532	Bioaccumulation of polychlorinated dibenzoâ€‹pâ€‹dioxins in sediment by oligochaetes: Influence of exposure pathway and contact time. Environmental Toxicology and Chemistry, 1997, 16, 1518-1525.	2.2	72
533	Remobilization and export of cadmium from lake sediments by emerging insects. Environmental Toxicology and Chemistry, 1997, 16, 2333-2338.	2.2	31
534	BIOACCUMULATION OF POLYCHLORINATED DIBENZO-p-DIOXINS IN SEDIMENT BY OLIGOCHAETES: INFLUENCE OF EXPOSURE PATHWAY AND CONTACT TIME. Environmental Toxicology and Chemistry, 1997, 16, 1518.	2.2	38
535	Remobilization and export of cadmium from lake sediments by emerging insects. , 1997, 16, 2333.		4
536	Characterization of Two Major Toxaphene Components in Treated Lake Sediment. Environmental Science & Technology, 1996, 30, 2251-2258.	4.6	54
537	Interlaboratory comparison study for PCB congeners and chlorinated pesticides in beluga whale blubber. Chemosphere, 1996, 33, 1369-1390.	4.2	15
538	Levels of organochlorine compounds, including PCDDS and PCDFS, in the blubber of cetaceans from the west coast of North America. Marine Pollution Bulletin, 1996, 32, 426-436.	2.3	73
539	Spatial Trends and Historical Deposition of Polychlorinated Biphenyls in Canadian Midlatitude and Arctic Lake Sediments. Environmental Science & Technology, 1996, 30, 3609-3617.	4.6	156
540	Air monitoring in the arctic: Results for selected persistent organic pollutants for 1992. Environmental Toxicology and Chemistry, 1996, 15, 253-261.	2.2	89

#	Article	IF	Citations
541	Mixedâ€function oxidase enzyme activity and oxidative stress in lake trout (Salvelinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Chemistry, 1996, 15, 955-960.	2.2	70
542	Dietary accumulation of C₁₂â€•and C₁₆â€chlorinated alkanes by juvenile rainbow trout (Oncorhynchus mykiss). Environmental Toxicology and Chemistry, 1996, 15, 1775-1782.	2.2	44
543	MIXED-FUNCTION OXIDASE ENZYME ACTIVITY AND OXIDATIVE STRESS IN LAKE TROUT (SALVELINUS) Tj ETQq1 1 0.784314 rgBT /Overl Chemistry, 1996, 15, 955.	2.2	45
544	DIETARY ACCUMULATION OF C12- AND C16-CHLORINATED ALKANES BY JUVENILE RAINBOW TROUT (ONCORHYNCHUS MYKISS). Environmental Toxicology and Chemistry, 1996, 15, 1775.	2.2	16
545	Recent developments in the analysis and environmental chemistry of toxaphene with emphasis on the marine environment. TrAC - Trends in Analytical Chemistry, 1995, 14, 56-66.	5.8	19
546	Longâ€term fate and bioavailability of sedimentâ€associated polychlorinated dibenzoâ€pâ€dioxins in aquatic mesocosms. Environmental Toxicology and Chemistry, 1995, 14, 1799-1807.	2.2	20
547	Effect of the input pathway on the distribution of 1,2,3,4,7â€pentachlorodibenzoâ€pâ€dioxin in an aquatic mesocosm. Environmental Toxicology and Chemistry, 1995, 14, 1921-1929.	2.2	2
548	Persistent Chlorinated Cyclodiene Compounds in Ringed Seal, Polar Bear, and Human Plasma from Northern Quebec, Canada: Identification and Concentrations of Photoheptachlor. Environmental Science & Technology, 1995, 29, 267-271.	4.6	27
549	Chlorobornanes in Sediments and Fish 30 Years after Toxaphene Treatment of Lakes. Environmental Science & Technology, 1995, 29, 2490-2495.	4.6	44
550	Spatial trends and historical profiles of organochlorine pesticides in Arctic lake sediments. Science of the Total Environment, 1995, 160-161, 447-457.	3.9	110
551	High Concentrations of Toxaphene in Fishes from a Subarctic Lake. Science, 1995, 269, 240-242.	6.0	157
552	Bioconcentration of superlipophilic persistent chemicals. Environmental Science and Pollution Research, 1994, 1, 75-80.	2.7	15
553	Chlorinated hydrocarbon contaminants in arctic marine mammals. Science of the Total Environment, 1994, 154, 107-128.	3.9	166
554	Bioconcentration of pyrethroid insecticides and DDT by rainbow trout: uptake, depuration, and effect of dissolved organic carbon. Aquatic Toxicology, 1994, 29, 223-240.	1.9	65
555	Mass spectrometric studies of the toxaphene components 2-exo,3-endo,5-exo,6-endo,8,8,10,10-octachloroborane (T2) and 2-exo,3-endo,5-exo,6-endo,8,8,9,10,10-nonachlorobornane (T12). Biological Mass Spectrometry, 1993, 22, 19-30.	0.5	20
556	Selective accumulation of polychlorocamphenes in aquatic biota from the canadian Arctic. Environmental Toxicology and Chemistry, 1993, 12, 701-709.	2.2	65
557	Evidence for particleâ€mediated transport of 2,3,7,8â€tetrachlorodibenzofuran during gas sparging of natural water. Environmental Toxicology and Chemistry, 1993, 12, 2037-2044.	2.2	17
558	Toxaphene: Analytical chemistry. Chemosphere, 1993, 27, 1827-1834.	4.2	16

#	Article	IF	Citations
559	Toxic Compounds and Health and Reproductive Effects in St. Lawrence Beluga Whales. Journal of Great Lakes Research, 1993, 19, 766-775.	0.8	143
560	Patterns of accumulation of airborne organochlorine contaminants in lichens from the Upper Great Lakes Region of Ontario. Environmental Science & Technology, 1993, 27, 1201-1210.	4.6	72
561	Environmental Fate of Polychlorinated Dibenzo-p-dioxins in Lake Enclosures. Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 722-734.	0.7	18
562	Bioavailability of Polychlorinated Dibenzo-p-dioxins in Lake Enclosures. Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 735-742.	0.7	22
563	Annual cycle of polychlorinated biphenyls and organohalogen pesticides in air in southern Ontario. 1. Air concentration data. Environmental Science & Technology, 1992, 26, 266-275.	4.6	239
564	Arctic marine ecosystem contamination. Science of the Total Environment, 1992, 122, 75-134.	3.9	366
565	Inuit foods and diet: a preliminary assessment of benefits and risks. Science of the Total Environment, 1992, 122, 247-278.	3.9	156
566	Indications of P450 monooxygenase activities in beluga (Delphinapterus leucas) and narwhal (Monodon monoceros) from patterns of PCB, PCDD and PCDF accumulation. Marine Environmental Research, 1992, 34, 267-272.	1.1	77
567	Annual cycle of polychlorinated biphenyls and organohalogen pesticides in air in southern Ontario. 2. Atmospheric transport and sources. Environmental Science & Technology, 1992, 26, 276-283.	4.6	149
568	Isolation and identification of two major recalcitrant toxaphene congeners in aquatic biota. Environmental Science & Technology, 1992, 26, 1838-1840.	4.6	131
569	Bioconcentration of octachlorodibenzo-p-dioxin (OCDD) in fish. Chemosphere, 1992, 25, 1257-1264.	4.2	16
570	Influence of surface films on the fate of deltamethrin following aerial application to prairie ponds. Environmental Toxicology and Chemistry, 1992, 11, 581-591.	2.2	16
571	Dietary 2,3,7,8-tetrachlorodibenzofuran in rainbow trout: Accumulation, disposition, and hepatic mixed-function oxidase enzyme induction. Toxicology and Applied Pharmacology, 1992, 117, 65-74.	1.3	35
572	Brown snow: a long-range transport event in the Canadian Arctic. Environmental Science & Technology, 1991, 25, 280-286.	4.6	129
573	Fate and acute toxicity of bromoxynil esters in an experimental prairie wetland. Environmental Toxicology and Chemistry, 1991, 10, 395-406.	2.2	27
574	Dietary accumulation and sustained hepatic mixed function oxidase enzyme induction by 2,3,4,7,8â€pentachlorodibenzofuran in rainbow trout. Environmental Toxicology and Chemistry, 1990, 9, 1463-1472.	2.2	59
575	Geographic variation of chlorinated hydrocarbons in burbot (Lota lota) from remote Lakes and Rivers in Canada. Archives of Environmental Contamination and Toxicology, 1990, 19, 530-542.	2.1	115
576	Quantum yields of the direct Phototransformation of 1,2,4,7,8â€pentaâ€•and 1,2,3,4,7,8â€hexachlorodibenzofuran in aqueous Acetonitrile and their sunlight halfâ€livesâˆ—. Toxicological and Environmental Chemistry, 1990, 26, 181-195.	0.6	8

#	Article	IF	Citations
577	Evidence of sensitized photolysis of polychlorinated dibenzo-p-dioxins in natural waters under sunlight conditions. Environmental Science & Technology, 1990, 24, 1739-1744.	4.6	38
578	Aqueous solubilities of selected 2,3,7,8-substituted polychlorinated dibenzofurans (PCDFs). Chemosphere, 1990, 20, 27-32.	4.2	39
579	Biotransformation and tissue distribution of 1,2,3,7-tetrachlorodibenzo-p-dioxin, 1,2,3,4,7-pentachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran in rainbow trout. Chemosphere, 1990, 21, 845-866.	4.2	38
580	Biodegradation of four triaryl/alkyl phosphate esters in sediment under various temperature and redox conditionsâˆ—. Toxicological and Environmental Chemistry, 1989, 18, 269-286.	0.6	8
581	Effect of suspended sediment concentration on the sediment to water partition coefficient for 1,3,6,8-tetrachlorodibenzo-p-dioxin. Environmental Science & Technology, 1989, 23, 1302-1306.	4.6	41
582	Effect of dissolved organic matter from Canadian shield lakes on the bioavailability of 1,3,6,8â€Tetrachlorodibenzoâ€pâ€dioxin to the amphipod Crangonyx laurentianus. Environmental Toxicology and Chemistry, 1989, 8, 141-150.	2.2	44
583	The effect of dissolved organic matter on the bioavailability of polychlorinated dibenzo-p-dioxins. Aquatic Toxicology, 1989, 14, 169-184.	1.9	71
584	Organochlorine chemical and heavy metal contaminants in white-beaked dolphins (Lagenorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Archives of Environmental Contamination and Toxicology, 1988, 17, 613-629.	2.1	126
585	Dietary accumulation of four chlorinated dioxin congeners by rainbow trout and fathead minnows. Environmental Toxicology and Chemistry, 1988, 7, 227-236.	2.2	66
586	Organochlorine contaminants in arctic marine food chains: accumulation of specific polychlorinated biphenyls and chlordane-related compounds. Environmental Science & Technology, 1988, 22, 1071-1079.	4.6	543
587	Dynamics of dietary bioaccumulation and faecal elimination of hydrophobic organic chemicals in fish. Chemosphere, 1988, 17, 943-962.	4.2	200
588	Organochlorine contaminants in arctic marine food chains: identification, geographical distribution and temporal trends in polar bears. Environmental Science & Technology, 1988, 22, 1063-1071.	4.6	370
589	Fate of the pyrethroid insecticide deltamethrin in small ponds: a mass balance study. Journal of Agricultural and Food Chemistry, 1985, 33, 603-609.	2.4	69
590	Fate of 14C-octachlorodibenzo-p-dioxin in artificial outdoor ponds. Chemosphere, 1985, 14, 835-838.	4.2	8
591	Laboratory and field studies on the fate of 1,3,6,8-tetrachlorodibenzo-p-dioxin in soil and sediments. Journal of Agricultural and Food Chemistry, 1985, 33, 518-523.	2.4	22
592	BIOCONCENTRATION OF CYPERMETHRIN, DELTAMETHRIN, FENVALERATE AND PERMETHRIN BY CHIRONOMUS TENTANS LARVAE IN SEDIMENT AND WATER. Environmental Toxicology and Chemistry, 1985, 4, 51.	2.2	54
593	Determination of extractable and nonextractable radioactivity from small field plots 45 and 95 weeks after treatment with [14C]dicamba, (2,4-dichloro[14C]phenoxy)acetic acid, [14C]triallate, and [14C]trifluralin. Journal of Agricultural and Food Chemistry, 1984, 32, 588-593.	2.4	12
594	Degradation of niclosamide (2',5-dichloro-4'-nitrosalicylanilide) in sediment and water systems. Journal of Agricultural and Food Chemistry, 1982, 30, 1028-1032.	2.4	29

#	Article	IF	Citations
595	Fate of fluridone in sediment and water in laboratory and field experiments. Journal of Agricultural and Food Chemistry, 1982, 30, 238-244.	2.4	22
596	Comparison of the uptake and bioconcentration of fluridone and terbutryn by rainbow trout andChironomus tentans in sediment and water systems. Archives of Environmental Contamination and Toxicology, 1982, 11, 595-602.	2.1	14
597	PERSISTENCE AND MOVEMENT OF CYANAZINE AND PROCYAZINE IN SOIL UNDER FIELD CONDITIONS. Canadian Journal of Soil Science, 1981, 61, 237-242.	0.5	10
598	Determination of extractable and non-extractable radioactivity from prairie soils treated with carboxyl- and ring-labelled [14C]2,4-D. Weed Research, 1980, 20, 123-129.	0.8	29
599	Persistence of Fluridone in Small Ponds. Journal of Environmental Quality, 1980, 9, 151-156.	1.0	27
600	Determination of Niclosamide (Bayer 2353) in Water and Sediment Samples. International Journal of Environmental Analytical Chemistry, 1980, 8, 1-14.	1.8	8
601	Determination of terbutryn and its degradation products in water, sediments, aquatic plants, and fish. Journal of Agricultural and Food Chemistry, 1980, 28, 714-719.	2.4	29
602	The disappearance and movement of three triazine herhicides and several of their degradation products in soil under field conditions. Weed Research, 1978, 18, 111-120.	0.8	76
603	Residues of Atrazine andN-deethylated Atrazine in water from five agricultural watersheds in QuÃ©bec. Archives of Environmental Contamination and Toxicology, 1978, 7, 221-235.	2.1	53
604	A method for the routine semiquantitative determination of hydroxy-s-triazines in soils. Journal of Agricultural and Food Chemistry, 1978, 26, 420-424.	2.4	39
605	Pesticide residues in soil and foodstuff I. Chlorinated pesticides in cattle feed and milk produced in orchard and non-orchard areas. Pest Management Science, 1973, 4, 113-119.	0.7	1
606	Toxaphene in the Great Lakes. , 0, , 201-265.		5
607	Perfluoroalkyl Compounds. , 0, , 25-69.		2
608	Stock identity of beluga (<i>Delphinapterus leucas</i>) in Eastern Canada and West Greenland based on organochlorine contaminants in their blubber. NAMMCO Scientific Publications, 0, 4, 51.	0.0	14