

Derek C G Muir

List of Publications by Year in descending order

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608
papers

45,119
citations

1793

106
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4414

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617
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617
docs citations

617
times ranked

21699
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Monitoring of Polyfluoroalkyl Substances: A Review. <i>Environmental Science & Technology</i> , 2006, 40, 3463-3473.	4.6	1,083
2	Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 196-204.	2.2	782
3	Monitoring of Perfluorinated Compounds in Aquatic Biota: An Updated Review. <i>Environmental Science & Technology</i> , 2011, 45, 7962-7973.	4.6	663
4	Identification of Long-Chain Perfluorinated Acids in Biota from the Canadian Arctic. <i>Environmental Science & Technology</i> , 2004, 38, 373-380.	4.6	619
5	Contaminants in the Canadian Arctic: 5 years of progress in understanding sources, occurrence and pathways. <i>Science of the Total Environment</i> , 2000, 254, 93-234.	3.9	600
6	Organochlorine contaminants in arctic marine food chains: accumulation of specific polychlorinated biphenyls and chlordane-related compounds. <i>Environmental Science & Technology</i> , 1988, 22, 1071-1079.	4.6	543
7	Are There Other Persistent Organic Pollutants? A Challenge for Environmental Chemists. <i>Environmental Science & Technology</i> , 2006, 40, 7157-7166.	4.6	509
8	Monitoring Perfluorinated Surfactants in Biota and Surface Water Samples Following an Accidental Release of Fire-Fighting Foam into Etobicoke Creek. <i>Environmental Science & Technology</i> , 2002, 36, 545-551.	4.6	486
9	Global fate of POPs: Current and future research directions. <i>Environmental Pollution</i> , 2007, 150, 150-165.	3.7	480
10	Perfluoroalkyl Contaminants in a Food Web from Lake Ontario. <i>Environmental Science & Technology</i> , 2004, 38, 5379-5385.	4.6	460
11	Toward a Global Understanding of Chemical Pollution: A First Comprehensive Analysis of National and Regional Chemical Inventories. <i>Environmental Science & Technology</i> , 2020, 54, 2575-2584.	4.6	456
12	Mercury and other trace elements in a pelagic Arctic marine food web (Northwater Polynya, Baffin). <i>Environmental Science & Technology</i> , 2006, 40, 424-430.	3.9	424
13	Levels and trends of brominated flame retardants in the Arctic. <i>Chemosphere</i> , 2006, 64, 209-233.	4.2	413
14	Endosulfan, a global pesticide: A review of its fate in the environment and occurrence in the Arctic. <i>Science of the Total Environment</i> , 2010, 408, 2966-2984.	3.9	409
15	Accumulation of persistent organochlorine compounds in mountains of western Canada. <i>Nature</i> , 1998, 395, 585-588.	13.7	401
16	Toward a Global Network for Persistent Organic Pollutants in Air: Results from the GAPS Study. <i>Environmental Science & Technology</i> , 2006, 40, 4867-4873.	4.6	386
17	BIOLOGICAL AND CHEMICAL FACTORS OF IMPORTANCE IN THE BIOACCUMULATION AND TROPHIC TRANSFER OF PERSISTENT ORGANOCHLORINE CONTAMINANTS IN ARCTIC MARINE FOOD WEBS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2367.	2.2	383
18	Dietary accumulation of perfluorinated acids in juvenile rainbow trout (<i>Oncorhynchus</i>). <i>Environmental Science & Technology</i> , 2006, 40, 373-379.	2.2	373

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19	Organochlorine contaminants in arctic marine food chains: identification, geographical distribution and temporal trends in polar bears. <i>Environmental Science & Technology</i> , 1988, 22, 1063-1071.	4.6	370
20	Arctic marine ecosystem contamination. <i>Science of the Total Environment</i> , 1992, 122, 75-134.	3.9	366
21	Trophic magnification factors: Considerations of ecology, ecosystems, and study design. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 64-84.	1.6	365
22	Identifying New Persistent and Bioaccumulative Organics Among Chemicals in Commerce. <i>Environmental Science & Technology</i> , 2010, 44, 2277-2285.	4.6	356
23	Dietary accumulation and depuration of hydrophobic organochlorines: Bioaccumulation parameters and their relationship with the octanol/water partition coefficient. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 951-961.	2.2	350
24	Persistent organic pollutants and mercury in marine biota of the Canadian Arctic: An overview of spatial and temporal trends. <i>Science of the Total Environment</i> , 2005, 351-352, 4-56.	3.9	336
25	Perfluorinated Acids in Arctic Snow: A New Evidence for Atmospheric Formation. <i>Environmental Science & Technology</i> , 2007, 41, 3455-3461.	4.6	318
26	Spatial and temporal trends and effects of contaminants in the Canadian Arctic marine ecosystem: a review. <i>Science of the Total Environment</i> , 1999, 230, 83-144.	3.9	317
27	Atmospheric Distribution and Long-Range Transport Behavior of Organochlorine Pesticides in North America. <i>Environmental Science & Technology</i> , 2005, 39, 409-420.	4.6	309
28	Collection of Airborne Fluorinated Organics and Analysis by Gas Chromatography/Chemical Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2002, 74, 584-590.	3.2	294
29	Thermolysis of fluoropolymers as a potential source of halogenated organic acids in the environment. <i>Nature</i> , 2001, 412, 321-324.	13.7	283
30	Seasonally Resolved Concentrations of Persistent Organic Pollutants in the Global Atmosphere from the First Year of the GAPS Study. <i>Environmental Science & Technology</i> , 2009, 43, 796-803.	4.6	277
31	The Impact of Endocrine Disruption: A Consensus Statement on the State of the Science. <i>Environmental Health Perspectives</i> , 2013, 121, A104-6.	2.8	267
32	Flame Retardants and Methoxylated and Hydroxylated Polybrominated Diphenyl Ethers in Two Norwegian Arctic Top Predators: Glaucous Gulls and Polar Bears. <i>Environmental Science & Technology</i> , 2005, 39, 6021-6028.	4.6	263
33	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. <i>Science of the Total Environment</i> , 2005, 342, 119-144.	3.9	259
34	Development and Calibration of a Resin-Based Passive Sampling System for Monitoring Persistent Organic Pollutants in the Atmosphere. <i>Environmental Science & Technology</i> , 2003, 37, 1352-1359.	4.6	253
35	Trophic transfer of persistent organochlorine contaminants (OCs) within an Arctic marine food web from the southern Beaufort-Chukchi Seas. <i>Environmental Pollution</i> , 2003, 124, 509-522.	3.7	250
36	Polyfluorinated Telomer Alcohols and Sulfonamides in the North American Troposphere. <i>Environmental Science & Technology</i> , 2004, 38, 991-996.	4.6	248

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37	Quantifying C10 ^â C13 Polychloroalkanes in Environmental Samples by High-Resolution Gas Chromatography/Electron Capture Negative Ion High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 1997, 69, 2762-2771.	3.2	242
38	Legacy of a half century of Athabasca oil sands development recorded by lake ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1761-1766.	3.3	240
39	Annual cycle of polychlorinated biphenyls and organohalogen pesticides in air in southern Ontario. 1. Air concentration data. <i>Environmental Science & Technology</i> , 1992, 26, 266-275.	4.6	239
40	Determination of Perfluorinated Surfactants in Surface Water Samples by Two Independent Analytical Techniques: A Liquid Chromatography/Tandem Mass Spectrometry and ¹⁹ F NMR. <i>Analytical Chemistry</i> , 2001, 73, 2200-2206.	3.2	233
41	Biomagnification of Perfluoroalkyl Compounds in the Bottlenose Dolphin (<i>Tursiops truncatus</i>) Food Web. <i>Environmental Science & Technology</i> , 2006, 40, 4138-4144.	4.6	231
42	Perfluoroalkyl Contaminants in the Canadian Arctic: A Evidence of Atmospheric Transport and Local Contamination. <i>Environmental Science & Technology</i> , 2007, 41, 3529-3536.	4.6	229
43	Poly and Perfluorinated Carboxylates in North American Precipitation. <i>Environmental Science & Technology</i> , 2006, 40, 7167-7174.	4.6	227
44	Bioaccumulation and Trophic Magnification of Short- and Medium-Chain Chlorinated Paraffins in Food Webs from Lake Ontario and Lake Michigan. <i>Environmental Science & Technology</i> , 2008, 42, 3893-3899.	4.6	219
45	Biotransformation pathways of fluorotelomer ^â -based polyfluoroalkyl substances: A review. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 243-267.	2.2	219
46	Fractionation and Bioaccumulation of Perfluorooctane Sulfonate (PFOS) Isomers in a Lake Ontario Food Web. <i>Environmental Science & Technology</i> , 2008, 42, 9397-9403.	4.6	213
47	Microplastic Impacts on Microalgae Growth: Effects of Size and Humic Acid. <i>Environmental Science & Technology</i> , 2020, 54, 1782-1789.	4.6	207
48	Peer Reviewed: Analytical Challenges Hamper Perfluoroalkyl Research. <i>Environmental Science & Technology</i> , 2004, 38, 248A-255A.	4.6	201
49	Dynamics of dietary bioaccumulation and faecal elimination of hydrophobic organic chemicals in fish. <i>Chemosphere</i> , 1988, 17, 943-962.	4.2	200
50	Trends of legacy and new persistent organic pollutants in the circumpolar arctic: Overview, conclusions, and recommendations. <i>Science of the Total Environment</i> , 2010, 408, 3044-3051.	3.9	188
51	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , 2019, 696, 133792.	3.9	184
52	Spatial distribution of polybrominated diphenyl ethers and polybrominated biphenyls in lake trout from the Laurentian Great Lakes. <i>Chemosphere</i> , 2002, 46, 665-672.	4.2	183
53	Spatial Trends and Historical Deposition of Mercury in Eastern and Northern Canada Inferred from Lake Sediment Cores. <i>Environmental Science & Technology</i> , 2009, 43, 4802-4809.	4.6	182
54	Biomagnification of DDT through the Benthic and Pelagic Food Webs of Lake Malawi, East Africa: A Importance of Trophic Level and Carbon Source. <i>Environmental Science & Technology</i> , 2001, 35, 14-20.	4.6	177

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55	Brominated Flame Retardants in Polar Bears (<i>Ursus maritimus</i>) from Alaska, the Canadian Arctic, East Greenland, and Svalbard. <i>Environmental Science & Technology</i> , 2006, 40, 449-455.	4.6	172
56	Analytical methods for PCBs and organochlorine pesticides in environmental monitoring and surveillance: a critical appraisal. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 769-789.	1.9	171
57	Chlorinated hydrocarbon contaminants in arctic marine mammals. <i>Science of the Total Environment</i> , 1994, 154, 107-128.	3.9	166
58	Hexachlorocyclohexanes in the North American Atmosphere. <i>Environmental Science & Technology</i> , 2004, 38, 965-975.	4.6	166
59	Spatial and Temporal Variation of Polycyclic Aromatic Hydrocarbons in the Arctic Atmosphere. <i>Environmental Science & Technology</i> , 1997, 31, 3593-3599.	4.6	165
60	Melting Glaciers: A Major Source of Persistent Organochlorines to Subalpine Bow Lake in Banff National Park, Canada. <i>Ambio</i> , 2001, 30, 410-415.	2.8	165
61	Perfluorinated Alkyl Substances in Plasma, Liver, Brain, and Eggs of Glaucous Gulls (<i>Larus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	4.6	164
62	Spatial and temporal trends of contaminants in Canadian Arctic freshwater and terrestrial ecosystems: a review. <i>Science of the Total Environment</i> , 1999, 230, 145-207.	3.9	160
63	An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife. <i>Science of the Total Environment</i> , 2005, 351-352, 57-93.	3.9	160
64	Circumpolar Study of Perfluoroalkyl Contaminants in Polar Bears (<i>Ursus maritimus</i>). <i>Environmental Science & Technology</i> , 2005, 39, 5517-5523.	4.6	159
65	High Concentrations of Toxaphene in Fishes from a Subarctic Lake. <i>Science</i> , 1995, 269, 240-242.	6.0	157
66	Inuit foods and diet: a preliminary assessment of benefits and risks. <i>Science of the Total Environment</i> , 1992, 122, 247-278.	3.9	156
67	Spatial Trends and Historical Deposition of Polychlorinated Biphenyls in Canadian Midlatitude and Arctic Lake Sediments. <i>Environmental Science & Technology</i> , 1996, 30, 3609-3617.	4.6	156
68	Occurrence of triclosan in plasma of wild Atlantic bottlenose dolphins (<i>Tursiops truncatus</i>) and in their environment. <i>Environmental Pollution</i> , 2009, 157, 2248-2254.	3.7	154
69	Detection of a Cyclic Perfluorinated Acid, Perfluoroethylcyclohexane Sulfonate, in the Great Lakes of North America. <i>Environmental Science & Technology</i> , 2011, 45, 8060-8066.	4.6	154
70	Biomagnification of Perfluorinated Compounds in a Remote Terrestrial Food Chain: Lichenâ€“Caribouâ€“Wolf. <i>Environmental Science & Technology</i> , 2011, 45, 8665-8673.	4.6	154
71	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. <i>Science of the Total Environment</i> , 2019, 649, 99-110.	3.9	150
72	Annual cycle of polychlorinated biphenyls and organohalogen pesticides in air in southern Ontario. 2. Atmospheric transport and sources. <i>Environmental Science & Technology</i> , 1992, 26, 276-283.	4.6	149

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73	Rapid Response of Arctic Ringed Seals to Changes in Perfluoroalkyl Production. <i>Environmental Science & Technology</i> , 2007, 41, 42-49.	4.6	149
74	Tissue-specific congener composition of organohalogen and metabolite contaminants in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Pollution</i> , 2008, 152, 621-629.	3.7	149
75	Identifying New Persistent and Bioaccumulative Organics Among Chemicals in Commerce II: Pharmaceuticals. <i>Environmental Science & Technology</i> , 2011, 45, 6938-6946.	4.6	149
76	Toxic Compounds and Health and Reproductive Effects in St. Lawrence Beluga Whales. <i>Journal of Great Lakes Research</i> , 1993, 19, 766-775.	0.8	143
77	Spatial Distribution of Perfluoroalkyl Contaminants in Lake Trout from the Great Lakes. <i>Environmental Science & Technology</i> , 2007, 41, 1554-1559.	4.6	143
78	Polyfluoroalkyl Compounds in Free-Ranging Bottlenose Dolphins (<i>Tursiops truncatus</i>) from the Gulf of Mexico and the Atlantic Ocean. <i>Environmental Science & Technology</i> , 2005, 39, 6591-6598.	4.6	139
79	Occurrence of C10 ¹³ Polychlorinatedn-Alkanes in Canadian Midlatitude and Arctic Lake Sediments. <i>Environmental Science & Technology</i> , 1999, 33, 2858-2863.	4.6	137
80	Perfluoroalkyl Acids in the Atlantic and Canadian Arctic Oceans. <i>Environmental Science & Technology</i> , 2012, 46, 5815-5823.	4.6	136
81	DIETARY ACCUMULATION OF PERFLUORINATED ACIDS IN JUVENILE RAINBOW TROUT (<i>ONCORHYNCHUS</i>) Tj ETQq1 1 0.784314 rgBT 2.2 136	4.6	136
82	Mercury Biomagnification through Food Webs Is Affected by Physical and Chemical Characteristics of Lakes. <i>Environmental Science & Technology</i> , 2013, 47, 12047-12053.	4.6	134
83	Perfluorinated and Polyfluorinated Compounds in Lake Food Webs from the Canadian High Arctic. <i>Environmental Science & Technology</i> , 2015, 49, 2694-2702.	4.6	134
84	Temporal Trends of Perfluoroalkyl Contaminants in Polar Bears (<i>Ursus maritimus</i>) from Two Locations in the North American Arctic, 1972-2002. <i>Environmental Science & Technology</i> , 2006, 40, 1139-1143.	4.6	132
85	Trophic Magnification of Organic Chemicals: A Global Synthesis. <i>Environmental Science & Technology</i> , 2016, 50, 4650-4658.	4.6	132
86	Isolation and identification of two major recalcitrant toxaphene congeners in aquatic biota. <i>Environmental Science & Technology</i> , 1992, 26, 1838-1840.	4.6	131
87	Polychlorinated biphenyls and polybrominated diphenyl ethers in the North American atmosphere. <i>Environmental Pollution</i> , 2006, 144, 434-444.	3.7	131
88	Contaminant blubber burdens in Atlantic bottlenose dolphins (<i>Tursiops truncatus</i>) from two southeastern US estuarine areas: Concentrations and patterns of PCBs, pesticides, PBDEs, PFCs, and PAHs. <i>Science of the Total Environment</i> , 2010, 408, 1577-1597.	3.9	131
89	Pesticides in Western Canadian Mountain Air and Soil. <i>Environmental Science & Technology</i> , 2007, 41, 6020-6025.	4.6	130
90	Brown snow: a long-range transport event in the Canadian Arctic. <i>Environmental Science & Technology</i> , 1991, 25, 280-286.	4.6	129

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91	EMPIRICAL AND MODELING EVIDENCE OF REGIONAL ATMOSPHERIC TRANSPORT OF CURRENT-USE PESTICIDES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2421.	2.2	128
92	Organochlorine chemical and heavy metal contaminants in white-beaked dolphins (<i>Lagenorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Archives of Environmental Contamination and Toxicology</i> , 1988, 17, 613-629.	2.1	126
93	Hydroxylated Polybrominated Diphenyl Ethers (OH-PBDEs) in the Abiotic Environment: Surface Water and Precipitation from Ontario, Canada. <i>Environmental Science & Technology</i> , 2008, 42, 1657-1664.	4.6	126
94	Analysis for Perfluorocarboxylic Acids/Anions in Surface Waters and Precipitation Using GC-MS and Analysis of PFOA from Large-Volume Samples. <i>Environmental Science & Technology</i> , 2006, 40, 6405-6410.	4.6	125
95	Atmospheric organochlorine pesticides in the western Canadian Arctic: Evidence of transpacific transport. <i>Journal of Geophysical Research</i> , 2000, 105, 11805-11811.	3.3	120
96	Sources and environmental fate of pyrogenic polycyclic aromatic hydrocarbons (PAHs) in the Arctic. <i>Emerging Contaminants</i> , 2019, 5, 128-142.	2.2	119
97	Polychlorinated Biphenyls in Arctic Air. 1. Temporal and Spatial Trends: 1992-1994. <i>Environmental Science & Technology</i> , 1997, 31, 3619-3628.	4.6	118
98	Levels and trends of poly- and perfluoroalkyl substances in the Arctic environment - An update. <i>Emerging Contaminants</i> , 2019, 5, 240-271.	2.2	117
99	Atmospheric Deposition of Mercury and Methylmercury to Landscapes and Waterbodies of the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2014, 48, 7374-7383.	4.6	116
100	Geographic variation of chlorinated hydrocarbons in burbot (<i>Lota lota</i>) from remote Lakes and Rivers in Canada. <i>Archives of Environmental Contamination and Toxicology</i> , 1990, 19, 530-542.	2.1	115
101	Chlorinated hydrocarbon contaminants and metabolites in polar bears (<i>Ursus maritimus</i>) from Alaska, Canada, East Greenland, and Svalbard: 1996-2002. <i>Science of the Total Environment</i> , 2005, 351-352, 369-390.	3.9	113
102	Perfluoroalkyl substances and extractable organic fluorine in surface sediments and cores from Lake Ontario. <i>Environment International</i> , 2013, 59, 389-397.	4.8	112
103	A critical review of synthetic chemicals in surface waters of the US, the EU and China. <i>Environment International</i> , 2019, 131, 104994.	4.8	112
104	Biotransformation versus Bioaccumulation: Sources of Methyl Sulfone PCB and 4,4'-DDE Metabolites in the Polar Bear Food Chain. <i>Environmental Science & Technology</i> , 1998, 32, 1656-1661.	4.6	111
105	Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (<i>Ursus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf <i>Environmental Science & Technology</i> , 2005, 39, 111	3.9	111
106	Spatial trends and historical profiles of organochlorine pesticides in Arctic lake sediments. <i>Science of the Total Environment</i> , 1995, 160-161, 447-457.	3.9	110
107	Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 981-986.	2.2	109
108	Xenoendocrine Pollutants May Reduce Size of Sexual Organs in East Greenland Polar Bears (<i>Ursus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Environmental Science & Technology</i> , 2005, 39, 108	4.6	108

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109	Temporal trends of Hg in Arctic biota, an update. <i>Science of the Total Environment</i> , 2011, 409, 3520-3526.	3.9	108
110	Effects of trophic position and lipid on organochlorine concentrations in fishes from subarctic lakes in Yukon Territory. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1998, 55, 869-881.	0.7	107
111	Levels and spatial and temporal trends of contaminants in Greenland biota: an updated review. <i>Science of the Total Environment</i> , 2004, 331, 29-52.	3.9	107
112	Seasonal and temporal trends in polychlorinated biphenyls and organochlorine pesticides in East Greenland polar bears (<i>Ursus maritimus</i>), 1990-2001. <i>Science of the Total Environment</i> , 2004, 331, 107-124.	3.9	107
113	Evidence for mass-independent and mass-dependent fractionation of the stable isotopes of mercury by natural processes in aquatic ecosystems. <i>Applied Geochemistry</i> , 2008, 23, 547-571.	1.4	106
114	Spatial and temporal pattern of pesticides in the global atmosphere. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1650.	2.1	106
115	Mercury in the marine environment of the Canadian Arctic: Review of recent findings. <i>Science of the Total Environment</i> , 2015, 509-510, 67-90.	3.9	106
116	Circumpolar Trends of PCBs and Organochlorine Pesticides in the Arctic Marine Environment Inferred from Levels in Ringed Seals. <i>Environmental Science & Technology</i> , 2000, 34, 2431-2438.	4.6	105
117	Bioaccumulation of PCBs and chlorinated pesticides in seals, fishes and invertebrates from the White Sea, Russia. <i>Science of the Total Environment</i> , 2003, 306, 111-131.	3.9	105
118	The distribution and trends of persistent organic pollutants and mercury in marine mammals from Canada's Eastern Arctic. <i>Science of the Total Environment</i> , 2018, 618, 500-517.	3.9	105
119	Organochlorine Pesticides in the Soils and Atmosphere of Costa Rica. <i>Environmental Science & Technology</i> , 2007, 41, 1124-1130.	4.6	104
120	Accumulation of Current-Use Pesticides in Neotropical Montane Forests. <i>Environmental Science & Technology</i> , 2007, 41, 1118-1123.	4.6	104
121	Is Bone Mineral Composition Disrupted by Organochlorines in East Greenland Polar Bears (<i>Ursus</i>)? <i>Environmental Science & Technology</i> , 2014, 48, 1145-1163.	2.8	103
122	Chemical fingerprinting of naphthenic acids and oil sands process waters: A review of analytical methods for environmental samples. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 1145-1163.	0.9	103
123	Human exposure to contaminants in the traditional Greenland diet. <i>Science of the Total Environment</i> , 2004, 331, 189-206.	3.9	102
124	Influence of global climate change on chemical fate and bioaccumulation: The role of multimedia models. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 20-31.	2.2	102
125	Levels of C10-C13 Polychloro-n-Alkanes in Marine Mammals from the Arctic and the St. Lawrence River Estuary. <i>Environmental Science & Technology</i> , 2000, 34, 1615-1619.	4.6	100
126	Global Aquatic Passive Sampling (AQUA-GAPS): Using Passive Samplers to Monitor POPs in the Waters of the World. <i>Environmental Science & Technology</i> , 2010, 44, 860-864.	4.6	100

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127	Ice cores from Svalbardâ€™sâ€™ useful archives of past climate and pollution history. <i>Physics and Chemistry of the Earth</i> , 2003, 28, 1217-1228.	1.2	98
128	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2281-2295.	2.2	98
129	Polychlorinated Naphthalenes in the Global Atmospheric Passive Sampling (GAPS) Study. <i>Environmental Science & Technology</i> , 2007, 41, 2680-2687.	4.6	97
130	Rainbow Trout (<i>Oncorhynchus mykiss</i>) Can Eliminate Chiral Organochlorine Compounds Enantioselectively. <i>Environmental Science & Technology</i> , 2002, 36, 1257-1262.	4.6	96
131	Current use pesticides in Arctic media; 2000â€™2007. <i>Science of the Total Environment</i> , 2010, 408, 2985-2994.	3.9	96
132	Biomagnification of mercury through lake trout (<i>Salvelinus namaycush</i>) food webs of lakes with different physical, chemical and biological characteristics. <i>Science of the Total Environment</i> , 2012, 438, 135-143.	3.9	96
133	Target Tissue Selectivity and Burdens of Diverse Classes of Brominated and Chlorinated Contaminants in Polar Bears (<i>Ursus maritimus</i>) from East Greenland. <i>Environmental Science & Technology</i> , 2008, 42, 752-759.	4.6	95
134	Bioaccumulation of PCBs in Arctic seabirds: influence of dietary exposure and congener biotransformation. <i>Environmental Pollution</i> , 2005, 134, 397-409.	3.7	94
135	Identifying New Persistent and Bioaccumulative Organics Among Chemicals in Commerce. III: Byproducts, Impurities, and Transformation Products. <i>Environmental Science & Technology</i> , 2013, 47, 5259-5266.	4.6	94
136	The fate and persistence of trifluoroacetic and chloroacetic acids in pond waters. <i>Chemosphere</i> , 2001, 42, 309-318.	4.2	92
137	Prevalence of Long-Chain Perfluorinated Carboxylates in Seabirds from the Canadian Arctic between 1975 and 2004. <i>Environmental Science & Technology</i> , 2007, 41, 3521-3528.	4.6	92
138	Organochlorine Compounds in Lake Superior:â€™ Chiral Polychlorinated Biphenyls and Biotransformation in the Aquatic Food Web. <i>Environmental Science & Technology</i> , 2004, 38, 84-92.	4.6	90
139	Distribution, Partitioning and Bioaccumulation of Substituted Diphenylamine Antioxidants and Benzotriazole UV Stabilizers in an Urban Creek in Canada. <i>Environmental Science & Technology</i> , 2016, 50, 9089-9097.	4.6	90
140	The worldâ€™s largest High Arctic lake responds rapidly to climate warming. <i>Nature Communications</i> , 2018, 9, 1290.	5.8	90
141	Air monitoring in the arctic: Results for selected persistent organic pollutants for 1992. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 253-261.	2.2	89
142	Bioaccumulation of pharmaceuticals and personal care product chemicals in fish exposed to wastewater effluent in an urban wetland. <i>Scientific Reports</i> , 2017, 7, 16999.	1.6	89
143	A history of total mercury in edible muscle of fish from lakes in northern Canada. <i>Science of the Total Environment</i> , 2005, 351-352, 427-463.	3.9	87
144	Variations in Stable Isotope Fractionation of Hg in Food Webs of Arctic Lakes. <i>Environmental Science & Technology</i> , 2009, 43, 9148-9154.	4.6	87

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145	Determination of perfluorinated alkyl acid concentrations in human serum and milk standard reference materials. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 439-451.	1.9	87
146	Use of trophic magnification factors and related measures to characterize bioaccumulation potential of chemicals. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 85-97.	1.6	87
147	Persistent Chlorinated Pesticides in Air, Water, and Precipitation from the Lake Malawi Area, Southern Africa. <i>Environmental Science & Technology</i> , 2000, 34, 4490-4495.	4.6	84
148	Examination of the behavior and liver and thyroid histology of juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) exposed to high dietary concentrations of C10-, C11-, C12- and C14-polychlorinated n-alkanes. <i>Aquatic Toxicology</i> , 2001, 54, 81-99.	1.9	84
149	Empirical and Modeling Evidence of the Long-Range Atmospheric Transport of Decabromodiphenyl Ether. <i>Environmental Science & Technology</i> , 2006, 40, 4612-4618.	4.6	84
150	Dissolved Organophosphate Esters and Polybrominated Diphenyl Ethers in Remote Marine Environments: Arctic Surface Water Distributions and Net Transport through Fram Strait. <i>Environmental Science & Technology</i> , 2018, 52, 6208-6216.	4.6	83
151	Spatial and Temporal Trends in Short-Chain Chlorinated Paraffins in Lake Ontario Sediments. <i>Environmental Science & Technology</i> , 2003, 37, 4561-4568.	4.6	82
152	Distribution and transportability of hexabromocyclododecane (HBCD) in the Asia-Pacific region using skipjack tuna as a bioindicator. <i>Environmental Pollution</i> , 2006, 144, 238-247.	3.7	82
153	Influence of lake characteristics on the biomagnification of persistent organic pollutants in lake trout food webs. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2169-2178.	2.2	82
154	Spatial and Temporal Trends of Perfluoroalkyl Substances in Global Ocean and Coastal Waters. <i>Environmental Science & Technology</i> , 2021, 55, 9527-9537.	4.6	81
155	Deposition History of Brominated Flame Retardant Compounds in an Ice Core from Høltedahlfonna, Svalbard, Norway. <i>Environmental Science & Technology</i> , 2010, 44, 7405-7410.	4.6	80
156	Trophic ecology of bowhead whales (<i>Balaena mysticetus</i>) compared with that of other arctic marine biota as interpreted from carbon-, nitrogen-, and sulfur-isotope signatures. <i>Canadian Journal of Zoology</i> , 2002, 80, 223-231.	0.4	79
157	Dietary accumulation and quantitative structure-activity relationships for depuration and biotransformation of short (C ₁₀), medium (C ₁₄), and long (C ₁₈) carbon-chain polychlorinated alkanes by juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1508-1516.	2.2	78
158	Chlorobenzenes, chlorinated pesticides, coplanar chlorobiphenyls and other organochlorine compounds in Greenland biota. <i>Science of the Total Environment</i> , 2004, 331, 157-175.	3.9	78
159	Emerging pollutants in the North Sea in comparison to Lake Ontario, Canada, data. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1081-1089.	2.2	78
160	Indications of P450 monooxygenase activities in beluga (<i>Delphinapterus leucas</i>) and narwhal (<i>Monodon monoceros</i>) from patterns of PCB, PCDD and PCDF accumulation. <i>Marine Environmental Research</i> , 1992, 34, 267-272.	1.1	77
161	Persistent organic pollutants and metals in the freshwater biota of the Canadian Subarctic and Arctic: An overview. <i>Science of the Total Environment</i> , 2005, 351-352, 94-147.	3.9	77
162	The disappearance and movement of three triazine herbicides and several of their degradation products in soil under field conditions. <i>Weed Research</i> , 1978, 18, 111-120.	0.8	76

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163	Interlaboratory Study on Quantitative Methods of Analysis of C10 ¹³ Polychloro-n-alkanes. <i>Analytical Chemistry</i> , 1999, 71, 446-451.	3.2	76
164	Polychlorinated Biphenyls and Hydroxylated Polychlorinated Biphenyls in Plasma of Bottlenose Dolphins (<i>Tursiops truncatus</i>) from the Western Atlantic and the Gulf of Mexico. <i>Environmental Science & Technology</i> , 2006, 40, 5860-5866.	4.6	76
165	Enantiomer-specific activity of o,p'-DDT with the human estrogen receptor. <i>Toxicology Letters</i> , 2001, 125, 75-81.	0.4	75
166	Historical Variations in the Stable Isotope Composition of Mercury in Arctic Lake Sediments. <i>Environmental Science & Technology</i> , 2004, 38, 2813-2821.	4.6	75
167	NEW ORGANOCHLORINE CONTAMINANTS AND METABOLITES IN PLASMA AND EGGS OF GLAUCOUS GULLS (<i>LARUS HYPERBOREUS</i>) FROM THE NORWEGIAN ARCTIC. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2486.	2.2	75
168	Bioaccumulation Factors for PCBs Revisited. <i>Environmental Science & Technology</i> , 2005, 39, 4523-4532.	4.6	75
169	Evidence for biomagnification of rubidium in freshwater and marine food webs. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 1161-1167.	0.7	74
170	Levels of organochlorine compounds, including PCDDs and PCDFs, in the blubber of cetaceans from the west coast of North America. <i>Marine Pollution Bulletin</i> , 1996, 32, 426-436.	2.3	73
171	Patterns of accumulation of airborne organochlorine contaminants in lichens from the Upper Great Lakes Region of Ontario. <i>Environmental Science & Technology</i> , 1993, 27, 1201-1210.	4.6	72
172	Bioaccumulation of polychlorinated dibenzo-p-dioxins in sediment by oligochaetes: Influence of exposure pathway and contact time. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1518-1525.	2.2	72
173	Historical contamination of Yukon Lake sediments by PCBs and organochlorine pesticides: influence of local sources and watershed characteristics. <i>Science of the Total Environment</i> , 2001, 280, 17-37.	3.9	72
174	Associations between perfluoroalkyl compounds and immune and clinical chemistry parameters in highly exposed bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 736-746.	2.2	72
175	The effect of dissolved organic matter on the bioavailability of polychlorinated dibenzo-p-dioxins. <i>Aquatic Toxicology</i> , 1989, 14, 169-184.	1.9	71
176	Mixed-function oxidase enzyme activity and oxidative stress in lake trout (<i>Salvelinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td <i>Chemistry</i> , 1996, 15, 955-960.	2.2	70
177	Detection of Hydroxylated Polychlorinated Biphenyls (OH-PCBs) in the Abiotic Environment: A Surface Water and Precipitation from Ontario, Canada. <i>Environmental Science & Technology</i> , 2007, 41, 1841-1848.	4.6	70
178	Role of Temperature and Enzyme Induction in the Biotransformation of Polychlorinated Biphenyls and Bioformation of Hydroxylated Polychlorinated Biphenyls by Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Science & Technology</i> , 2007, 41, 3856-3863.	4.6	70
179	Polycyclic aromatic hydrocarbons in Costa Rican air and soil: A tropical/temperate comparison. <i>Atmospheric Environment</i> , 2007, 41, 7339-7350.	1.9	70
180	Fate of the pyrethroid insecticide deltamethrin in small ponds: a mass balance study. <i>Journal of Agricultural and Food Chemistry</i> , 1985, 33, 603-609.	2.4	69

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181	Re-engineering the eastern Lake Erie littoral food web: The trophic function of non-indigenous Ponto-Caspian species. <i>Journal of Great Lakes Research</i> , 2009, 35, 224-231.	0.8	68
182	Two decades of biomonitoring polar bear health in Greenland: a review. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, .	0.5	68
183	Significance of Population Centers As Sources of Gaseous and Dissolved PAHs in the Lower Great Lakes. <i>Environmental Science & Technology</i> , 2014, 48, 7789-7797.	4.6	68
184	Airâ€“Seawater Exchange of Organochlorine Pesticides in the Southern Ocean between Australia and Antarctica. <i>Environmental Science & Technology</i> , 2016, 50, 8001-8009.	4.6	68
185	Heterocyclic Aromatics in Petroleum Coke, Snow, Lake Sediments, and Air Samples from the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2017, 51, 5445-5453.	4.6	67
186	Dietary accumulation of four chlorinated dioxin congeners by rainbow trout and fathead minnows. <i>Environmental Toxicology and Chemistry</i> , 1988, 7, 227-236.	2.2	66
187	Effects of northern pike (<i>Esox lucius</i>) additions on pollutant accumulation and food web structure, as determined by $\delta^{13}C$ and $\delta^{15}N$, in a eutrophic and an oligotrophic lake. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 2193-2202.	0.7	66
188	Spatial trends and bioaccumulation of organochlorine pollutants in marine zooplankton from the Alaskan and Canadian Arctic. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 575-583.	2.2	66
189	Selective accumulation of polychlorocamphenes in aquatic biota from the canadian Arctic. <i>Environmental Toxicology and Chemistry</i> , 1993, 12, 701-709.	2.2	65
190	Bioconcentration of pyrethroid insecticides and DDT by rainbow trout: uptake, depuration, and effect of dissolved organic carbon. <i>Aquatic Toxicology</i> , 1994, 29, 223-240.	1.9	65
191	Delayed Deposition of Organochlorine Pesticides at a Temperate Glacier. <i>Environmental Science & Technology</i> , 1999, 33, 1794-1798.	4.6	65
192	Measuring environmental stress in East Greenland polar bears, 1892â€“1927 and 1988â€“2009: What does hair cortisol tell us?. <i>Environment International</i> , 2012, 45, 15-21.	4.8	65
193	Organochlorine transfer in the food web of subalpine Bow Lake, Banff National Park. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 1258-1269.	0.7	64
194	Haloacetic Acids in Canadian Lake Waters and Precipitation. <i>Environmental Science & Technology</i> , 2000, 34, 4266-4272.	4.6	64
195	DISTRIBUTION OF PERFLUOROCARBOXYLATE ISOMERS IN SELECT SAMPLES FROM THE NORTH AMERICAN ENVIRONMENT. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1801.	2.2	64
196	Science and policy on endocrine disrupters must not be mixed: a reply to a â€œcommon senseâ€ intervention by toxicology journal editors. <i>Environmental Health</i> , 2013, 12, 69.	1.7	64
197	Mercury in freshwater ecosystems of the Canadian Arctic: Recent advances on its cycling and fate. <i>Science of the Total Environment</i> , 2015, 509-510, 41-66.	3.9	64
198	Methods for trace analysis of short-, medium-, and long-chain chlorinated paraffins: Critical review and recommendations. <i>Analytica Chimica Acta</i> , 2019, 1074, 16-32.	2.6	63

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199	Do Organohalogen Contaminants Contribute to Histopathology in Liver from East Greenland Polar Bears (<i>Ursus maritimus</i>)?. <i>Environmental Health Perspectives</i> , 2005, 113, 1569-1574.	2.8	62
200	Current-Use and Legacy Pesticide History in the Austfonna Ice Cap, Svalbard, Norway. <i>Environmental Science & Technology</i> , 2005, 39, 8163-8169.	4.6	62
201	Trifluoroacetate Profiles in the Arctic, Atlantic, and Pacific Oceans. <i>Environmental Science & Technology</i> , 2005, 39, 6555-6560.	4.6	62
202	REGIONAL AND SPECIES SPECIFIC BIOACCUMULATION OF MAJOR AND TRACE ELEMENTS IN ARCTIC SEABIRDS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2927.	2.2	62
203	Polymeric Brominated Flame Retardants: Are They a Relevant Source of Emerging Brominated Aromatic Compounds in the Environment?. <i>Environmental Science & Technology</i> , 2008, 42, 9039-9044.	4.6	62
204	PCBs, PBDEs and pesticides released to the Arctic Ocean by the Russian Rivers Ob and Yenisei. <i>Environmental Science & Technology</i> , 2008, 42, 69-74.	4.6	62
205	Levels and trends of persistent organic pollutants in ringed seals (<i>Phoca hispida</i>) from Central West Greenland, with particular focus on polybrominated diphenyl ethers (PBDEs). <i>Environment International</i> , 2008, 34, 499-508.	4.8	62
206	Manufacturing Origin of Perfluorooctanoate (PFOA) in Atlantic and Canadian Arctic Seawater. <i>Environmental Science & Technology</i> , 2012, 46, 677-685.	4.6	62
207	Bioaccumulation of Organochlorine Contaminants in Bowhead Whales (<i>Balaena mysticetus</i>) from Barrow, Alaska. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 42, 497-507.	2.1	61
208	Trophic Transfer of Contaminants in a Changing Arctic Marine Food Web: Cumberland Sound, Nunavut, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 9914-9922.	4.6	61
209	Basal mercury concentrations and biomagnification rates in freshwater and marine food webs: Effects on Arctic charr (<i>Salvelinus alpinus</i>) from eastern Canada. <i>Science of the Total Environment</i> , 2013, 444, 531-542.	3.9	61
210	Aquatic Global Passive Sampling (AQUA-GAPS) Revisited: First Steps toward a Network of Networks for Monitoring Organic Contaminants in the Aquatic Environment. <i>Environmental Science & Technology</i> , 2017, 51, 1060-1067.	4.6	61
211	Dietary accumulation and depuration of individual C10-, C11- and C14-polychlorinated alkanes by juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 1998, 43, 209-221.	1.9	60
212	ARE ORGANOHALOGEN CONTAMINANTS A COFACTOR IN THE DEVELOPMENT OF RENAL LESIONS IN EAST GREENLAND POLAR BEARS (<i>URSUS MARITIMUS</i>)?. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1551.	2.2	60
213	Three decades (1983-2010) of contaminant trends in East Greenland polar bears (<i>Ursus maritimus</i>). Part 2: Brominated flame retardants. <i>Environment International</i> , 2013, 59, 494-500.	4.8	60
214	Mercury concentrations and mercury isotope composition in lake sediment cores from the vicinity of a metal smelting facility in Flin Flon, Manitoba. <i>Chemical Geology</i> , 2013, 336, 96-102.	1.4	60
215	Dietary accumulation and sustained hepatic mixed function oxidase enzyme induction by 2,3,4,7,8-pentachlorodibenzofuran in rainbow trout. <i>Environmental Toxicology and Chemistry</i> , 1990, 9, 1463-1472.	2.2	59
216	Hydroxylated PCBs and Other Chlorinated Phenolic Compounds in Lake Trout (<i>Salvelinus namaycush</i>) Blood Plasma from the Great Lakes Region. <i>Environmental Science & Technology</i> , 2003, 37, 1720-1725.	4.6	59

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217	Vapor Pressures of the Fluorinated Telomer Alcohols Limitations of Estimation Methods. <i>Environmental Science & Technology</i> , 2004, 38, 1693-1699.	4.6	59
218	Deposition History of Polychlorinated Biphenyls to the Lomonosovfonna Glacier, Svalbard: A 209 Congener Analysis. <i>Environmental Science & Technology</i> , 2013, 47, 12064-12072.	4.6	59
219	Spatial and temporal variation of an ice-adapted predator's feeding ecology in a changing Arctic marine ecosystem. <i>Oecologia</i> , 2016, 180, 631-644.	0.9	59
220	Enantiomer fractions of chiral organochlorine pesticides and polychlorinated biphenyls in standard and certified reference materials. <i>Chemosphere</i> , 2002, 49, 1339-1347.	4.2	58
221	Dietary accumulation and biochemical responses of juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) to 3,3',4,4'-tetrachlorobiphenyl (PCB 126). <i>Aquatic Toxicology</i> , 2002, 59, 139-152.	1.9	58
222	ENANTIOMER-SPECIFIC BIOMAGNIFICATION OF \pm -HEXACHLOROCYCLOHEXANE AND SELECTED CHIRAL CHLORDANE-RELATED COMPOUNDS WITHIN AN ARCTIC MARINE FOOD WEB. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2482.	2.2	58
223	Temporal trends of mercury, cesium, potassium, selenium, and thallium in arctic char (<i>Salvelinus</i>) Tj ETQq1 1 0.784314 rgBT /Overbo <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 254-263.	2.2	58
224	Air synthesis review: polycyclic aromatic compounds in the oil sands region. <i>Environmental Reviews</i> , 2018, 26, 430-468.	2.1	58
225	Deposition and Cycling of Sulfur Controls Mercury Accumulation in Isle Royale Fish. <i>Environmental Science & Technology</i> , 2007, 41, 7266-7272.	4.6	57
226	Climate Change and Mercury Accumulation in Canadian High and Subarctic Lakes. <i>Environmental Science & Technology</i> , 2011, 45, 964-970.	4.6	57
227	Manufacturing doubt about endocrine disrupter science – A rebuttal of industry-sponsored critical comments on the UNEP/WHO report ‘State of the Science of Endocrine Disrupting Chemicals 2012’. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 1007-1017.	1.3	57
228	Gaseous and Freely-Dissolved PCBs in the Lower Great Lakes Based on Passive Sampling: Spatial Trends and Air-Water Exchange. <i>Environmental Science & Technology</i> , 2016, 50, 4932-4939.	4.6	57
229	Continuous non-marine inputs of per- and polyfluoroalkyl substances to the High Arctic: a multi-decadal temporal record. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5045-5058.	1.9	57
230	Spatial and temporal trends of mercury and other metals in landlocked char from lakes in the Canadian Arctic archipelago. <i>Science of the Total Environment</i> , 2005, 351-352, 464-478.	3.9	56
231	Concentrations, Trends, and Air-Water Exchange of PAHs and PBDEs Derived from Passive Samplers in Lake Superior in 2011. <i>Environmental Science & Technology</i> , 2015, 49, 13777-13786.	4.6	56
232	Bioaccumulation and biomagnification of mercury in African lakes: The importance of trophic status. <i>Science of the Total Environment</i> , 2015, 506-507, 126-136.	3.9	56
233	Latitudinal variation in ecological opportunity and intraspecific competition indicates differences in niche variability and diet specialization of Arctic marine predators. <i>Ecology and Evolution</i> , 2016, 6, 1666-1678.	0.8	56
234	PCBs and organochlorine pesticides in blubber biopsies from free-ranging St. Lawrence River Estuary beluga whales (<i>Delphinapterus leucas</i>), 1994-1998. <i>Environmental Pollution</i> , 2003, 122, 291-302.	3.7	55

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235	Spatial and temporal trends of contaminants in terrestrial biota from the Canadian Arctic. <i>Science of the Total Environment</i> , 2005, 351-352, 148-164.	3.9	55
236	Persistent organic pollutants, heavy metals and parasites in the glaucous gull (<i>Larus hyperboreus</i>) on Spitsbergen. <i>Environmental Pollution</i> , 2009, 157, 2282-2290.	3.7	55
237	Emerging investigator series: a 14-year depositional ice record of perfluoroalkyl substances in the High Arctic. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 22-30.	1.7	55
238	Characterization of Two Major Toxaphene Components in Treated Lake Sediment. <i>Environmental Science & Technology</i> , 1996, 30, 2251-2258.	4.6	54
239	Geographical differences and time trends of persistent organic pollutants in the Arctic. <i>Toxicology Letters</i> , 2000, 112-113, 93-101.	0.4	54
240	Elucidating the Pathways of Poly- and Perfluorinated Acid Formation in Rainbow Trout. <i>Environmental Science & Technology</i> , 2010, 44, 4973-4980.	4.6	54
241	Improving the Quality and Scientific Understanding of Trophic Magnification Factors (TMFs). <i>Environmental Science & Technology</i> , 2013, 47, 1186-1187.	4.6	54
242	BIOCONCENTRATION OF CYPERMETHRIN, DELTAMETHRIN, FENVALERATE AND PERMETHRIN BY CHIRONOMUS TENTANS LARVAE IN SEDIMENT AND WATER. <i>Environmental Toxicology and Chemistry</i> , 1985, 4, 51.	2.2	54
243	Residues of Atrazine and N-deethylated Atrazine in water from five agricultural watersheds in Québec. <i>Archives of Environmental Contamination and Toxicology</i> , 1978, 7, 221-235.	2.1	53
244	Concentrations of selected essential and non-essential elements in arctic fox (<i>Alopex lagopus</i>) and wolverines (<i>Gulo gulo</i>) from the Canadian Arctic. <i>Science of the Total Environment</i> , 2003, 309, 81-92.	3.9	53
245	Age and seasonal variability of polybrominated diphenyl ethers in free-ranging East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Pollution</i> , 2007, 146, 166-173.	3.7	53
246	Spatial trends of perfluoroalkyl compounds in ringed seals (<i>Phoca hispida</i>) from the Canadian Arctic. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 542-553.	2.2	53
247	Enantiospecific Perfluorooctane Sulfonate (PFOS) Analysis Reveals Evidence for the Source Contribution of PFOS-Precursors to the Lake Ontario Foodweb. <i>Environmental Science & Technology</i> , 2012, 46, 7653-7660.	4.6	53
248	Spatiotemporal patterns of mercury accumulation in lake sediments of western North America. <i>Science of the Total Environment</i> , 2016, 568, 1157-1170.	3.9	53
249	Assessment of perfluorinated compounds (PFCs) in plasma of bottlenose dolphins from two southeast US estuarine areas: Relationship with age, sex and geographic locations. <i>Marine Pollution Bulletin</i> , 2012, 64, 66-74.	2.3	52
250	PAH distributions in sediments in the oil sands monitoring area and western Lake Athabasca: Concentration, composition and diagnostic ratios. <i>Environmental Pollution</i> , 2016, 213, 671-687.	3.7	52
251	Spatial and temporal patterns in trace element deposition to lakes in the Athabasca oil sands region (Alberta, Canada). <i>Environmental Research Letters</i> , 2017, 12, 124001.	2.2	52
252	Levels and trends of current-use pesticides (CUPs) in the arctic: An updated review, 2010–2018. <i>Emerging Contaminants</i> , 2019, 5, 70-88.	2.2	52

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253	Concentrations and accumulation patterns of organochlorine contaminants in the blubber of harbour porpoises, <i>Phocoena phocoena</i> , from the coast of Newfoundland, the Gulf of St Lawrence and the Bay of Fundy/Gulf of Maine. <i>Environmental Pollution</i> , 1997, 95, 105-119.	3.7	51
254	Development of an ¹⁹ F NMR Method for the Analysis of Fluorinated Acids in Environmental Water Samples. <i>Analytical Chemistry</i> , 2000, 72, 726-731.	3.2	51
255	An Historical Record of Toxaphene and Its Congeners in a Remote Lake in Western Europe. <i>Environmental Science & Technology</i> , 2001, 35, 1312-1319.	4.6	51
256	Exposure to mixtures of organohalogen contaminants and associative interactions with thyroid hormones in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environment International</i> , 2011, 37, 694-708.	4.8	51
257	Dietary exposure of rainbow trout to 8:2 and 10:2 fluorotelomer alcohols and perfluorooctanesulfonamide: Uptake, transformation and elimination. <i>Chemosphere</i> , 2011, 82, 253-258.	4.2	51
258	Associations between complex OHC mixtures and thyroid and cortisol hormone levels in East Greenland polar bears. <i>Environmental Research</i> , 2012, 116, 26-35.	3.7	51
259	Global Distribution of Halogenated Dimethyl Bipyrroles in Marine Mammal Blubber. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 43, 244-255.	2.1	50
260	Current use and legacy pesticide deposition to ice caps on Svalbard, Norway. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	50
261	Regional Contamination versus Regional Dietary Differences: Understanding Geographic Variation in Brominated and Chlorinated Contaminant Levels in Polar Bears. <i>Environmental Science & Technology</i> , 2011, 45, 896-902.	4.6	49
262	Factors affecting biotic mercury concentrations and biomagnification through lake food webs in the Canadian high Arctic. <i>Science of the Total Environment</i> , 2015, 509-510, 195-205.	3.9	49
263	Climate and permafrost effects on the chemistry and ecosystems of High Arctic Lakes. <i>Scientific Reports</i> , 2017, 7, 13292.	1.6	49
264	Volatility of chlorinated alkanes (C ₁₀ –C ₁₂): Vapor pressures and Henry's law constants. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1252-1260.	2.2	48
265	Enantiomer-Specific Accumulation of PCB Atropisomers in the Bowhead Whale (<i>Balaena mysticetus</i>). <i>Environmental Science & Technology</i> , 2002, 36, 1419-1425.	4.6	48
266	HYDROXYLATED AND METHYLSULFONE-CONTAINING METABOLITES OF POLYCHLORINATED BIPHENYLS IN THE PLASMA AND BLUBBER OF BOWHEAD WHALES (<i>BALAENA MYSTICETUS</i>). <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2650.	2.2	48
267	Determination of perfluorinated alkyl acid concentrations in biological standard reference materials. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2683-2692.	1.9	48
268	Spatial Distribution, Air–Water Fugacity Ratios and Source Apportionment of Polychlorinated Biphenyls in the Lower Great Lakes Basin. <i>Environmental Science & Technology</i> , 2015, 49, 13787-13797.	4.6	48
269	Current-use pesticides in seawater and their bioaccumulation in polar bear–ringed seal food chains of the Canadian Arctic. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1695-1707.	2.2	48
270	Organochlorine contaminant and stable isotope profiles in Arctic fox (<i>Alopex lagopus</i>) from the Alaskan and Canadian Arctic. <i>Environmental Pollution</i> , 2003, 122, 423-433.	3.7	47

#	ARTICLE	IF	CITATIONS
271	Estrogenic activity of dicofol with the human estrogen receptor: Isomer- and enantiomer-specific implications. <i>Chemosphere</i> , 2006, 64, 174-177.	4.2	47
272	Dietary biomagnification of organochlorine contaminants in Alaskan polar bears. <i>Canadian Journal of Zoology</i> , 2008, 86, 177-191.	0.4	47
273	Accumulation and depuration of sediment-associated C_{12} - and C_{16} -polychlorinated alkanes by oligochaetes (<i>Lumbriculus variegatus</i>). <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 2019-2026.	2.2	46
274	Fluxes of semivolatile organochlorine compounds in Bow Lake, a high-altitude, glacier-fed, subalpine lake in the Canadian Rocky Mountains. <i>Limnology and Oceanography</i> , 2001, 46, 2019-2031.	1.6	46
275	Variation in Organochlorine Bioaccumulation by a Predatory Fish; Gender, Geography, and Data Analysis Methods. <i>Environmental Science & Technology</i> , 2002, 36, 4238-4244.	4.6	46
276	RESPONSE OF THE ZOOPLANKTON COMMUNITY AND ENVIRONMENTAL FATE OF PERFLUOROOCTANE SULFONIC ACID IN AQUATIC MICROCOSMS. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2739.	2.2	46
277	PERFLUOROALKYL COMPOUNDS IN RELATION TO LIFE-HISTORY AND REPRODUCTIVE PARAMETERS IN BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>) FROM SARASOTA BAY, FLORIDA, USA. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2405.	2.2	46
278	Improving the Quality of Environmental Measurements on Short Chain Chlorinated Paraffins to Support Global Regulatory Efforts. <i>Environmental Science & Technology</i> , 2012, 46, 4697-4698.	4.6	46
279	Polychlorinated Diphenyl Ethers and Alternative Flame Retardants in Air and Precipitation Samples from the Northern Lake Victoria Region, East Africa. <i>Environmental Science & Technology</i> , 2014, 48, 1458-1466.	4.6	46
280	Altered thyroid status in lake trout (<i>Salvelinus namaycush</i>) exposed to co-planar 3,3',4,4'-pentachlorobiphenyl. <i>Aquatic Toxicology</i> , 2004, 67, 75-85.	1.9	45
281	Spatial Trends, Sources, and Air-Water Exchange of Organochlorine Pesticides in the Great Lakes Basin Using Low Density Polyethylene Passive Samplers. <i>Environmental Science & Technology</i> , 2014, 48, 9315-9324.	4.6	45
282	Characterization of perfluoroalkyl substances in sediment cores from High and Low Arctic lakes in Canada. <i>Science of the Total Environment</i> , 2019, 666, 414-422.	3.9	45
283	Occurrence of substituted diphenylamine antioxidants and benzotriazole UV stabilizers in Arctic seabirds and seals. <i>Science of the Total Environment</i> , 2019, 663, 950-957.	3.9	45
284	MIXED-FUNCTION OXIDASE ENZYME ACTIVITY AND OXIDATIVE STRESS IN LAKE TROUT (<i>SALVELINUS</i>) <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 955.	2.2	45
285	Effect of dissolved organic matter from Canadian shield lakes on the bioavailability of 1,3,6,8-tetrachlorodibenzo-p-dioxin to the amphipod <i>Crangonyx laurentianus</i> . <i>Environmental Toxicology and Chemistry</i> , 1989, 8, 141-150.	2.2	44
286	Chlorobornanes in Sediments and Fish 30 Years after Toxaphene Treatment of Lakes. <i>Environmental Science & Technology</i> , 1995, 29, 2490-2495.	4.6	44
287	Dietary accumulation of C_{12} - and C_{16} -chlorinated alkanes by juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 1775-1782.	2.2	44
288	Detection of Chlorodifluoroacetic Acid in Precipitation: A Possible Product of Fluorocarbon Degradation. <i>Environmental Science & Technology</i> , 2000, 34, 274-281.	4.6	44

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289	The use of ¹⁹ F NMR and mass spectrometry for the elucidation of novel fluorinated acids and atmospheric fluoroacid precursors evolved in the thermolysis of fluoropolymers. <i>Analyst</i> , The, 2003, 128, 756.	1.7	44
290	Temporal variation in the deposition of polycyclic aromatic compounds in snow in the Athabasca Oil Sands area of Alberta. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 542.	1.3	44
291	Organochlorine-induced histopathology in kidney and liver tissue from Arctic fox (<i>Vulpes lagopus</i>). <i>Chemosphere</i> , 2008, 71, 1214-1224.	4.2	43
292	Deposition of Brominated Flame Retardants to the Devon Ice Cap, Nunavut, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 826-833.	4.6	43
293	Perfluoroalkylphosphinic Acids in Northern Pike (<i>Esox lucius</i>), Double-Crested Cormorants (<i>Phalacrocorax auritus</i>), and Bottlenose Dolphins (<i>Tursiops truncatus</i>) in Relation to Other Perfluoroalkyl Acids. <i>Environmental Science & Technology</i> , 2016, 50, 10903-10913.	4.6	43
294	Substituted diphenylamine antioxidants and benzotriazole UV stabilizers in blood plasma of fish, turtles, birds and dolphins from North America. <i>Science of the Total Environment</i> , 2019, 647, 182-190.	3.9	43
295	Toward Sustainable Environmental Quality: Priority Research Questions for North America. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1606-1624.	2.2	43
296	Ice Core Record of Persistent Short-Chain Fluorinated Alkyl Acids: Evidence of the Impact From Global Environmental Regulations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087535.	1.5	43
297	VOLATILITY OF CHLORINATED n-ALKANES (C ₁₀ –C ₁₂): VAPOR PRESSURES AND HENRY'S LAW CONSTANTS. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1252.	2.2	43
298	A modelling-based perspective on the past, present, and future polychlorinated biphenyl contamination of the St. Lawrence beluga whale (<i>Delphinapterus leucas</i>) population. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 101-112.	0.7	42
299	Organohalogen concentrations in blood and adipose tissue of Southern Beaufort Sea polar bears. <i>Science of the Total Environment</i> , 2008, 406, 352-367.	3.9	42
300	Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. <i>Environmental Pollution</i> , 2008, 153, 618-626.	3.7	42
301	Accurate and Precise Determination of Silver Isotope Fractionation in Environmental Samples by Multicollector-ICPMS. <i>Analytical Chemistry</i> , 2010, 82, 3922-3928.	3.2	42
302	Perfluoroalkyl Contaminants in Lake Ontario Lake Trout: Detailed Examination of Current Status and Long-Term Trends. <i>Environmental Science & Technology</i> , 2012, 46, 5842-5850.	4.6	42
303	Current status of short- and medium chain polychlorinated n-alkanes in top predatory fish across Canada. <i>Chemosphere</i> , 2015, 127, 93-100.	4.2	42
304	Legacy and Emerging Persistent Organic Pollutants (POPs) in Terrestrial Compartments in the High Arctic: Sorption and Secondary Sources. <i>Environmental Science & Technology</i> , 2018, 52, 14187-14197.	4.6	42
305	Practical advice for selecting or determining trophic magnification factors for application under the European Union Water Framework Directive. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 266-277.	1.6	42
306	Screening New Persistent and Bioaccumulative Organics in China's Inventory of Industrial Chemicals. <i>Environmental Science & Technology</i> , 2020, 54, 7398-7408.	4.6	42

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307	Effect of suspended sediment concentration on the sediment to water partition coefficient for 1,3,6,8-tetrachlorodibenzo-p-dioxin. <i>Environmental Science & Technology</i> , 1989, 23, 1302-1306.	4.6	41
308	Limnological Characteristics of 38 Lakes and Pondson Axel Heiberg Island, High Arctic Canada. <i>International Review of Hydrobiology</i> , 2002, 87, 385.	0.5	41
309	Risk ranking of multiple-POPs in detritivorous fish from the Río de la Plata. <i>Chemosphere</i> , 2011, 83, 882-889.	4.2	41
310	Legacy and currently used pesticides in the atmospheric environment of Lake Victoria, East Africa. <i>Science of the Total Environment</i> , 2016, 543, 9-18.	3.9	41
311	Mercury and cadmium in ringed seals in the Canadian Arctic: Influence of location and diet. <i>Science of the Total Environment</i> , 2016, 545-546, 503-511.	3.9	41
312	Fate and Transport of Perfluoroalkyl Substances from Snowpacks into a Lake in the High Arctic of Canada. <i>Environmental Science & Technology</i> , 2019, 53, 10753-10762.	4.6	41
313	Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: Implications for human exposure from a subsistence diet. <i>Environmental Research</i> , 2005, 98, 329-340.	3.7	40
314	Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States. <i>Aquatic Toxicology</i> , 2008, 86, 397-412.	1.9	40
315	Progress toward understanding the bioaccumulation of perfluorinated alkyl acids. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2421-2423.	2.2	40
316	Bioaccumulation of Polybrominated Diphenyl Ethers and Alternative Halogenated Flame Retardants in a Vegetation-“Caribou”-Wolf Food Chain of the Canadian Arctic. <i>Environmental Science & Technology</i> , 2018, 52, 3136-3145.	4.6	40
317	Dietary Uptake Patterns Affect Bioaccumulation and Biomagnification of Hydrophobic Organic Compounds in Fish. <i>Environmental Science & Technology</i> , 2019, 53, 4274-4284.	4.6	40
318	A method for the routine semiquantitative determination of hydroxy-s-triazines in soils. <i>Journal of Agricultural and Food Chemistry</i> , 1978, 26, 420-424.	2.4	39
319	Aqueous solubilities of selected 2,3,7,8-substituted polychlorinated dibenzofurans (PCDFs). <i>Chemosphere</i> , 1990, 20, 27-32.	4.2	39
320	Octanol/water partition coefficients of toxaphene congeners determined by the “slow-stirring” method. <i>Chemosphere</i> , 1999, 39, 2549-2562.	4.2	39
321	Endosulfan and ¹³ C-HCH in the Arctic: An Assessment of Surface Seawater Concentrations and Air-Sea Exchange. <i>Environmental Science & Technology</i> , 2006, 40, 7570-7576.	4.6	39
322	Biotransformation of the 8:2 fluorotelomer acrylate in rainbow trout. 1. In vivo dietary exposure. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2726-2735.	2.2	39
323	Water as a new matrix for global assessment of hydrophilic POPs. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 46, 162-172.	5.8	39
324	Glacial Melt Inputs of Organophosphate Ester Flame Retardants to the Largest High Arctic Lake. <i>Environmental Science & Technology</i> , 2020, 54, 2734-2743.	4.6	39

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325	Evidence of sensitized photolysis of polychlorinated dibenzo-p-dioxins in natural waters under sunlight conditions. <i>Environmental Science & Technology</i> , 1990, 24, 1739-1744.	4.6	38
326	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. <i>Chemosphere</i> , 1990, 21, 845-866.	4.2	38
327	Geographical variation of persistent organochlorine concentrations in blubber of ringed seal (<i>Phoca</i>) Tj ETQq1 1 0.784314 rgBT /Over 1997, 96, 321-333.	3.7	38
328	CONCENTRATIONS OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS IN AMPHIPODS (<i>GAMMARUS LACUSTRIS</i>) ALONG AN ELEVATION GRADIENT IN MOUNTAIN LAKES OF WESTERN CANADA. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2605.	2.2	38
329	Organohalogen Contaminants in Delphinoid Cetaceans. <i>Reviews of Environmental Contamination and Toxicology</i> , 2005, 184, 1-57.	0.7	38
330	Comparison of Haloacetic Acids in the Environment of the Northern and Southern Hemispheres. <i>Environmental Science & Technology</i> , 2005, 39, 8664-8670.	4.6	38
331	Recent Warming, Rather than Industrial Emissions of Bioavailable Nutrients, Is the Dominant Driver of Lake Primary Production Shifts across the Athabasca Oil Sands Region. <i>PLoS ONE</i> , 2016, 11, e0153987.	1.1	38
332	Spring Melt and the Redistribution of Organochlorine Pesticides in the Sea-Ice Environment: A Comparative Study between Arctic and Antarctic Regions. <i>Environmental Science & Technology</i> , 2017, 51, 8944-8952.	4.6	38
333	Joint effect of nanoplastics and humic acid on the uptake of PAHs for <i>Daphnia magna</i> : A model study. <i>Journal of Hazardous Materials</i> , 2020, 391, 122195.	6.5	38
334	BIOACCUMULATION OF POLYCHLORINATED DIBENZO-p-DIOXINS IN SEDIMENT BY OLIGOCHAETES: INFLUENCE OF EXPOSURE PATHWAY AND CONTACT TIME. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1518.	2.2	38
335	Limnological characteristics of 56 lakes in the Central Canadian Arctic Treeline Region. <i>Journal of Limnology</i> , 2003, 62, 9.	0.3	37
336	Source Analysis of Pollutant Elements in Winter Air Deposition in the Athabasca Oil Sands Region: A Temporal and Spatial Study. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1656-1668.	1.2	37
337	Chlorobornanes in Water, Sediment, and Fish from Toxaphene Treated and Untreated Lakes in Western Canada. <i>Environmental Science & Technology</i> , 1998, 32, 1391-1397.	4.6	36
338	Airborne Haloacetic Acids. <i>Environmental Science & Technology</i> , 2003, 37, 2889-2897.	4.6	36
339	Levels and patterns of persistent organochlorines in minke whale (<i>Balaenoptera acutorostrata</i>) stocks from the North Atlantic and European Arctic. <i>Environmental Pollution</i> , 2003, 121, 239-252.	3.7	36
340	Dry deposition of polycyclic aromatic compounds to various land covers in the Athabasca oil sands region. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1339-1350.	1.3	36
341	Spatial and temporal trends of alternative flame retardants and polybrominated diphenyl ethers in ringed seals (<i>Phoca hispida</i>) across the Canadian Arctic. <i>Environmental Pollution</i> , 2017, 223, 266-276.	3.7	36
342	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. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1577-1615.	1.7	36

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343	Dietary 2,3,7,8-tetrachlorodibenzofuran in rainbow trout: Accumulation, disposition, and hepatic mixed-function oxidase enzyme induction. <i>Toxicology and Applied Pharmacology</i> , 1992, 117, 65-74.	1.3	35
344	Distribution of Haloacetic Acids in the Water Columns of the Laurentian Great Lakes and Lake Malawi. <i>Environmental Science & Technology</i> , 2002, 36, 1893-1898.	4.6	35
345	Comparison of mercury concentrations in landlocked, resident, and sea-run fish (<i>Salvelinus</i>) Tj ETQq1 1 0.784314 rgBT /Over 2.2 35	2.2	35
346	Identifying further chemicals of emerging arctic concern based on "in silico" screening of chemical inventories. <i>Emerging Contaminants</i> , 2019, 5, 201-210.	2.2	35
347	Snow Deposition and Melting as Drivers of Polychlorinated Biphenyls and Organochlorine Pesticides in Arctic Rivers, Lakes, and Ocean. <i>Environmental Science & Technology</i> , 2019, 53, 14377-14386.	4.6	35
348	Geochemistry of ice-covered, meromictic Lake A in the Canadian High Arctic. <i>Aquatic Geochemistry</i> , 2002, 8, 97-119.	1.5	34
349	Current-use pesticides in inland lake waters, precipitation, and air from Ontario, Canada. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1539-1548.	2.2	34
350	Spatial Distribution and Air-Water Exchange of Organic Flame Retardants in the Lower Great Lakes. <i>Environmental Science & Technology</i> , 2016, 50, 9133-9141.	4.6	34
351	Environmental perfluorooctane sulfonate exposure drives T cell activation in bottlenose dolphins. <i>Journal of Applied Toxicology</i> , 2017, 37, 1108-1116.	1.4	34
352	Histology of selected immunological organs in polar bear (<i>Ursus maritimus</i>) from East Greenland in relation to concentrations of organohalogen contaminants. <i>Science of the Total Environment</i> , 2005, 341, 119-132.	3.9	33
353	Contemporary limnology of the rapidly changing glacierized watershed of the world's largest High Arctic lake. <i>Scientific Reports</i> , 2019, 9, 4447.	1.6	33
354	Drivers of Mercury Cycling in the Rapidly Changing Glacierized Watershed of the High Arctic's Largest Lake by Volume (Lake Hazen, Nunavut, Canada). <i>Environmental Science & Technology</i> , 2019, 53, 1175-1185.	4.6	33
355	The influence of global climate change on accumulation and toxicity of persistent organic pollutants and chemicals of emerging concern in Arctic food webs. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1544-1576.	1.7	33
356	A Multi-Year Study of Four Herbicides in Air and Precipitation from a Small Prairie Watershed. <i>Journal of Environmental Quality</i> , 1999, 28, 898-906.	1.0	32
357	Circumpolar pattern of mercury and cadmium in ringed seals. <i>Science of the Total Environment</i> , 2005, 351-352, 312-322.	3.9	32
358	POLYBROMINATED DIPHENYL ETHERS AND THEIR HYDROXYLATED ANALOGS IN PLASMA OF BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>) FROM THE UNITED STATES EAST COAST. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2061.	2.2	32
359	Comparison of concentrations and stereoisomer ratios of mecoprop, dichlorprop and metolachlor in Ontario streams, 2006-2007 vs. 2003-2004. <i>Environmental Pollution</i> , 2010, 158, 1842-1849.	3.7	32
360	Determination of mercury speciation in fish tissue with a direct mercury analyzer. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1237-1241.	2.2	32

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361	Mercury Trends in Predatory Fish in Great Slave Lake: The Influence of Temperature and Other Climate Drivers. <i>Environmental Science & Technology</i> , 2013, 47, 12793-12801.	4.6	32
362	Anthropogenic mercury deposition in Flin Flon Manitoba and the Experimental Lakes Area Ontario (Canada): A multi-lake sediment core reconstruction. <i>Science of the Total Environment</i> , 2017, 586, 685-695.	3.9	32
363	Remobilization and export of cadmium from lake sediments by emerging insects. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 2333-2338.	2.2	31
364	Temporal and spatial trends of persistent organochlorines in Greenland walrus (<i>Odobenus rosmarus</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	3.9	31
365	Development and application of bioaccumulation models to assess persistent organic pollutant temporal trends in arctic ringed seal (<i>Phoca hispida</i>) populations. <i>Science of the Total Environment</i> , 2005, 351-352, 413-426.	3.9	31
366	ENVIRONMENTAL FATE OF THREE NOVEL BROMINATED FLAME RETARDANTS IN AQUATIC MESOCOSMS. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1060-1068.	2.2	31
367	Polycyclic Musks in the Air and Water of the Lower Great Lakes: Spatial Distribution and Volatilization from Surface Waters. <i>Environmental Science & Technology</i> , 2016, 50, 11575-11583.	4.6	31
368	Climatic Influence on Temporal Trends of Polychlorinated Biphenyls and Organochlorine Pesticides in Landlocked Char from Lakes in the Canadian High Arctic. <i>Environmental Science & Technology</i> , 2018, 52, 10380-10390.	4.6	31
369	Assessment and characterization of polychlorinated biphenyls near a hazardous waste incinerator: Analysis of vegetation, snow, and sediments. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 126-133.	2.2	30
370	Profile of persistent chlorinated contaminants, including selected chiral compounds, in wolverine (<i>Gulo gulo</i>) livers from the Canadian Arctic. <i>Chemosphere</i> , 2003, 53, 551-560.	4.2	30
371	Temporal trends of contaminants in Arctic char (<i>Salvelinus alpinus</i>) from a small lake, southwest Greenland during a warming climate. <i>Journal of Environmental Monitoring</i> , 2010, 12, 2252.	2.1	30
372	Determination of extractable and non-extractable radioactivity from prairie soils treated with carboxyl- and ring-labelled [14C]2,4-D. <i>Weed Research</i> , 1980, 20, 123-129.	0.8	29
373	Determination of terbutryn and its degradation products in water, sediments, aquatic plants, and fish. <i>Journal of Agricultural and Food Chemistry</i> , 1980, 28, 714-719.	2.4	29
374	Degradation of niclosamide (2',5-dichloro-4'-nitrosalicylanilide) in sediment and water systems. <i>Journal of Agricultural and Food Chemistry</i> , 1982, 30, 1028-1032.	2.4	29
375	Bioaccumulation of Toxaphene Congeners in the Lake Superior Food Web. <i>Journal of Great Lakes Research</i> , 2004, 30, 316-340.	0.8	29
376	Atmospheric deposition of current use pesticides in the Arctic: Snow core records from the Devon Island Ice Cap, Nunavut, Canada. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2304.	1.7	29
377	Trends of persistent organic pollutants in ringed seals (<i>Phoca hispida</i>) from the Canadian Arctic. <i>Science of the Total Environment</i> , 2019, 665, 1135-1146.	3.9	29
378	Chlorinated Paraffins. , 2000, , 203-236.		28

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379	Toxaphene and other persistent organochlorine pesticides in three species of albatrosses from the north and south Pacific Ocean. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 413-423.	2.2	28
380	Biotransformation of the 8:2 fluorotelomer acrylate in rainbow trout. 2. In vitro incubations with liver and stomach S9 fractions. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2736-2741.	2.2	28
381	Perfluoroalkyl acids in Lake Superior water: Trends and sources. <i>Journal of Great Lakes Research</i> , 2010, 36, 277-284.	0.8	28
382	Use of terrestrial field studies in the derivation of bioaccumulation potential of chemicals. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 135-145.	1.6	28
383	Concentrations and Water Mass Transport of Legacy POPs in the Arctic Ocean. <i>Geophysical Research Letters</i> , 2018, 45, 12,972.	1.5	28
384	Bioaccumulation and translocation of tetrabromobisphenol A and hexabromocyclododecanes in mangrove plants from a national nature reserve of Shenzhen City, South China. <i>Environment International</i> , 2019, 129, 239-246.	4.8	28
385	Persistence of Fluridone in Small Ponds. <i>Journal of Environmental Quality</i> , 1980, 9, 151-156.	1.0	27
386	Fate and acute toxicity of bromoxynil esters in an experimental prairie wetland. <i>Environmental Toxicology and Chemistry</i> , 1991, 10, 395-406.	2.2	27
387	Persistent Chlorinated Cyclodiene Compounds in Ringed Seal, Polar Bear, and Human Plasma from Northern Quebec, Canada: Identification and Concentrations of Photoheptachlor. <i>Environmental Science & Technology</i> , 1995, 29, 267-271.	4.6	27
388	Widespread Atmospheric Tellurium Contamination in Industrial and Remote Regions of Canada. <i>Environmental Science & Technology</i> , 2018, 52, 6137-6145.	4.6	27
389	Deposition and Source Identification of Nitrogen Heterocyclic Polycyclic Aromatic Compounds in Snow, Sediment, and Air Samples from the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2019, 53, 2981-2989.	4.6	27
390	Evaluation of monochloroacetic acid (MCA) degradation and toxicity to <i>Lemna gibba</i> , <i>Myriophyllum spicatum</i> , and <i>Myriophyllum sibiricum</i> in aquatic microcosms. <i>Aquatic Toxicology</i> , 2002, 61, 251-273.	1.9	26
391	Trichloroacetic acid (TCA) and trifluoroacetic acid (TFA) mixture toxicity to the macrophytes <i>Myriophyllum spicatum</i> and <i>Myriophyllum sibiricum</i> in aquatic microcosms. <i>Science of the Total Environment</i> , 2002, 285, 247-259.	3.9	26
392	Perfluorinated Alkyl Acid Concentrations in Canadian Rivers and Creeks. <i>Water Quality Research Journal of Canada</i> , 2009, 44, 263-277.	1.2	26
393	Chronic dietary exposure to environmental organochlorine contaminants induces thyroid gland lesions in Arctic foxes (<i>Vulpes lagopus</i>). <i>Environmental Research</i> , 2009, 109, 702-711.	3.7	26
394	Factors Influencing Legacy Pollutant Accumulation in Alpine Osprey: Biology, Topography, Or Melting Glaciers?. <i>Environmental Science & Technology</i> , 2012, 46, 9681-9689.	4.6	26
395	Atmospheric Concentrations of Polycyclic Aromatic Hydrocarbons in the Watershed of Lake Victoria, East Africa. <i>Environmental Science & Technology</i> , 2012, 46, 11524-11531.	4.6	26
396	Perfluoroalkyl substances in eggs and plasma of an avian top predator, great skua (<i>Stercorarius</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	26

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397	Temporal and spatial trends in riverine suspended sediment and associated polycyclic aromatic compounds (PAC) within the Athabasca oil sands region. <i>Science of the Total Environment</i> , 2018, 626, 1382-1393.	3.9	26
398	Characteristics and potential health risk of rural Tibetans' exposure to polycyclic aromatic hydrocarbons during summer period. <i>Environment International</i> , 2018, 118, 70-77.	4.8	26
399	Identification of Potential PBT/POP-Like Chemicals by a Deep Learning Approach Based on 2D Structural Features. <i>Environmental Science & Technology</i> , 2020, 54, 8221-8231.	4.6	26
400	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. <i>Environmental Science & Technology</i> , 2021, 55, 1930-1940.	4.6	26
401	A consideration of potential confounding factors limiting chemical and biological recovery at Lochnagar, a remote mountain loch in Scotland. <i>Journal of Limnology</i> , 2004, 63, 63.	0.3	25
402	Land use and the spatial distribution of perfluoroalkyl compounds as measured in the plasma of bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Marine Environmental Research</i> , 2008, 66, 430-437.	1.1	25
403	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. <i>Science of the Total Environment</i> , 2012, 417-418, 189-203.	3.9	25
404	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. <i>Chemical Geology</i> , 2013, 352, 27-46.	1.4	25
405	Concentrations, Trends, and Air-Water Exchange of PCBs and Organochlorine Pesticides Derived from Passive Samplers in Lake Superior in 2011. <i>Environmental Science & Technology</i> , 2018, 52, 14061-14069.	4.6	25
406	ESTIMATING THE AQUEOUS SOLUBILITIES OF INDIVIDUAL CHLORINATED n-ALKANES (C ₁₀ -C ₁₂) FROM MEASUREMENTS OF CHLORINATED ALKANE MIXTURES. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1261.	2.2	25
407	METHYLSULFONE POLYCHLORINATED BIPHENYL AND 2,2-BIS(CHLOROPHENYL)-1,1-DICHLOROETHYLENE METABOLITES IN BELUGA WHALE (<i>DELPHINAPTERUS LEUCAS</i>) FROM THE ST. LAWRENCE RIVER ESTUARY AND WESTERN HUDSON BAY, CANADA. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1378.	2.2	25
408	Enhancing Scientific Support for the Stockholm Convention's Implementation: An Analysis of Policy Needs for Scientific Evidence. <i>Environmental Science & Technology</i> , 2022, 56, 2936-2949.	4.6	25
409	Estimating the aqueous solubilities of individual chlorinated n-alkanes (C ₁₀ -C ₁₂) from measurements of chlorinated alkane mixtures. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1261-1267.	2.2	24
410	Effects of temperature and sample amount on the electron capture negative ion mass spectra of polychloro-n-alkanes. <i>Chemosphere</i> , 1998, 37, 1395-1410.	4.2	24
411	Trends in fluctuating asymmetry in East Greenland polar bears (<i>Ursus maritimus</i>) from 1892 to 2002 in relation to organohalogen pollution. <i>Science of the Total Environment</i> , 2005, 341, 81-96.	3.9	24
412	PCB Concentrations in Lake Trout (<i>Salvelinus namaycush</i>) Are Correlated to Habitat Use and Lake Characteristics. <i>Environmental Science & Technology</i> , 2008, 42, 8239-8244.	4.6	24
413	Toward Identifying the Next Generation of Superfund and Hazardous Waste Site Contaminants. <i>Environmental Health Perspectives</i> , 2011, 119, 6-10.	2.8	24
414	Persistent organic pollutants in ringed seals from the Russian Arctic. <i>Science of the Total Environment</i> , 2011, 409, 2734-2745.	3.9	24

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415	PAH Fluxes to Siskiwit Revisited: Trends in Fluxes and Sources of Pyrogenic PAH and Perylene Constrained via Radiocarbon Analysis. <i>Environmental Science & Technology</i> , 2013, 47, 5066-5073.	4.6	24
416	Mercury and metal(loid) deposition to remote Nova Scotia lakes from both local and distant sources. <i>Science of the Total Environment</i> , 2019, 675, 192-202.	3.9	24
417	Lead contamination from gold mining in Yellowknife Bay (Northwest Territories), reconstructed using stable lead isotopes. <i>Environmental Pollution</i> , 2020, 259, 113888.	3.7	24
418	Polycyclic aromatic compounds in the Canadian Environment: Aquatic and terrestrial environments. <i>Environmental Pollution</i> , 2021, 285, 117442.	3.7	24
419	Climate change and mercury in the Arctic: Biotic interactions. <i>Science of the Total Environment</i> , 2022, 834, 155221.	3.9	24
420	Toxicity of C, C, C, and CPolychlorinated alkanes to Japanese medaka (<i>Oryzias latipes</i>) embryos. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2894-2902.	2.2	23
421	Persistent halogenated organic contaminants and mercury in northern fulmars (<i>Fulmarus glacialis</i>) from the Canadian Arctic. <i>Environmental Pollution</i> , 2010, 158, 3513-3519.	3.7	23
422	Fathead minnow (<i>Pimephales promelas</i> Rafinesque) exposure to three novel brominated flame retardants in outdoor mesocosms: bioaccumulation and biotransformation. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1148-1155.	2.2	23
423	Compositional space: A guide for environmental chemists on the identification of persistent and bioaccumulative organics using mass spectrometry. <i>Environment International</i> , 2019, 132, 104808.	4.8	23
424	Atmospheric trace metal deposition to remote Northwest Ontario, Canada: Anthropogenic fluxes and inventories from 1860 to 2010. <i>Science of the Total Environment</i> , 2020, 749, 142276.	3.9	23
425	Chlorines Are Not Evenly Substituted in Chlorinated Paraffins: A Predicted NMR Pattern Matching Framework for Isomeric Discrimination in Complex Contaminant Mixtures. <i>Environmental Science and Technology Letters</i> , 2020, 7, 496-503.	3.9	23
426	Fate of fluridone in sediment and water in laboratory and field experiments. <i>Journal of Agricultural and Food Chemistry</i> , 1982, 30, 238-244.	2.4	22
427	Laboratory and field studies on the fate of 1,3,6,8-tetrachlorodibenzo-p-dioxin in soil and sediments. <i>Journal of Agricultural and Food Chemistry</i> , 1985, 33, 518-523.	2.4	22
428	Bioavailability of Polychlorinated Dibenzo-p-dioxins in Lake Enclosures. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992, 49, 735-742.	0.7	22
429	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. <i>Aquatic Toxicology</i> , 1997, 37, 201-220.	1.9	22
430	Assessing Trends in Organochlorine Concentrations in Lake Winnipeg Fish Following the 1997 Red River Flood. <i>Journal of Great Lakes Research</i> , 2003, 29, 332-354.	0.8	22
431	Spatial trends and factors affecting variation of organochlorine contaminants levels in Canadian Arctic beluga (<i>Delphinapterus leucas</i>). <i>Science of the Total Environment</i> , 2005, 351-352, 344-368.	3.9	22
432	ENANTIOMERIC COMPOSITION OF CHIRAL POLYCHLORINATED BIPHENYL ATROPISOMERS IN DATED SEDIMENT CORES. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 254.	2.2	22

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433	Levels and trends of new contaminants, temporal trends of legacy contaminants and effects of contaminants in the Arctic: Preface. <i>Science of the Total Environment</i> , 2010, 408, 2852-2853.	3.9	22
434	Comparative analysis of total mercury concentrations in anadromous and non-anadromous Arctic charr (<i>Salvelinus alpinus</i>) from eastern Canada. <i>Science of the Total Environment</i> , 2013, 447, 438-449.	3.9	22
435	Declining Trends of Polychlorinated Naphthalenes in Seabird Eggs from the Canadian Arctic, 1975-2014. <i>Environmental Science & Technology</i> , 2017, 51, 3802-3808.	4.6	22
436	A Multi-Year Study of Four Herbicides in Surface Water of a Small Prairie Watershed. <i>Journal of Environmental Quality</i> , 1999, 28, 906-917.	1.0	21
437	Sources of Chlorpyrifos and Dacthal to a Small Canadian Prairie Watershed. <i>Environmental Science & Technology</i> , 1999, 33, 3317-3323.	4.6	21
438	Enlarged clitoris in wild polar bears (<i>Ursus maritimus</i>) can be misdiagnosed as pseudohermaphroditism. <i>Science of the Total Environment</i> , 2005, 337, 45-58.	3.9	21
439	Use of Measurement Data in Evaluating Exposure of Humans and Wildlife to POPs/PBTs. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 638.	1.6	21
440	Increased Accumulation of Sulfur in Lake Sediments of the High Arctic. <i>Environmental Science & Technology</i> , 2010, 44, 8415-8421.	4.6	21
441	Metolachlor and Atrazine in the Great Lakes. <i>Environmental Science & Technology</i> , 2010, 44, 4678-4684.	4.6	21
442	Seasonal emaciation causes tissue redistribution and an increased potential for toxicity of lipophilic pollutants in farmed arctic fox (<i>Vulpes lagopus</i>). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1784-1792.	2.2	21
443	Polyfluorinated substances in abiotic standard reference materials. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2975-2983.	1.9	21
444	Separation of thia-arenes and aza-arenes from polycyclic aromatics in snowpack samples from the Athabasca oil sands region by GC-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 905-920.	1.8	21
445	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). <i>Biological Mass Spectrometry</i> , 1993, 22, 19-30.	0.5	20
446	Long-term fate and bioavailability of sediment-associated polychlorinated dibenzo-p-dioxins in aquatic mesocosms. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1799-1807.	2.2	20
447	Northern Rivers Ecosystem Initiative: Distribution and Effects of Contaminants. <i>Environmental Monitoring and Assessment</i> , 2006, 113, 143-165.	1.3	20
448	Paleolimnological evidence of mining and demographic impacts on Lac Dauriat, Schefferville (subarctic Québec, Canada). <i>Journal of Paleolimnology</i> , 2008, 40, 309-324.	0.8	20
449	Introduction to Special Series: Science-Based Guidance and Framework for the Evaluation and Identification of PBTs and POPs. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 535.	1.6	20
450	Temporal trends of selected POPs and the potential influence of climate variability in a Greenland ringed seal population. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1706.	1.7	20

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451	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. <i>Environmental Science & Technology</i> , 2016, 50, 10894-10902.	4.6	20
452	Comparative histories of polycyclic aromatic compound accumulation in lake sediments near petroleum operations in western Canada. <i>Environmental Pollution</i> , 2017, 231, 13-21.	3.7	20
453	Temporal trends, lake-to-lake variation, and climate effects on Arctic char (<i>Salvelinus alpinus</i>) mercury concentrations from six High Arctic lakes in Nunavut, Canada. <i>Science of the Total Environment</i> , 2019, 678, 801-812.	3.9	20
454	Bioaccumulation of Selected Halogenated Organic Flame Retardants in Lake Ontario. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1198-1210.	2.2	20
455	Contrasting Temporal Patterns of Mercury, Niche Dynamics, and Body Fat Indices of Polar Bears and Ringed Seals in a Melting Icescape. <i>Environmental Science & Technology</i> , 2020, 54, 2780-2789.	4.6	20
456	Recent developments in the analysis and environmental chemistry of toxaphene with emphasis on the marine environment. <i>TrAC - Trends in Analytical Chemistry</i> , 1995, 14, 56-66.	5.8	19
457	Field level evaluation and risk assessment of the toxicity of dichloroacetic acid to the aquatic macrophytes <i>Lemna gibba</i> , <i>Myriophyllum spicatum</i> , and <i>Myriophyllum sibiricum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2003, 55, 46-63.	2.9	19
458	Comparison of Toxaphene Congeners Levels in Five Seal Species from Eastern Canada:â€“ What Is the Importance of Biological Factors?. <i>Environmental Science & Technology</i> , 2005, 39, 1448-1454.	4.6	19
459	Chiral Current-Use Herbicides in Ontario Streams. <i>Environmental Science & Technology</i> , 2008, 42, 8452-8458.	4.6	19
460	Prevalence and sources of polychlorinated biphenyls in the atmospheric environment of Lake Victoria, East Africa. <i>Chemosphere</i> , 2018, 193, 343-350.	4.2	19
461	Ecological effects and causal synthesis of oil sands activity impacts on river ecosystems: water synthesis review. <i>Environmental Reviews</i> , 2021, 29, 315-327.	2.1	19
462	Environmental Fate of Polychlorinated Dibenzo-p-dioxins in Lake Enclosures. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992, 49, 722-734.	0.7	18
463	Patterns in the limnology of lakes and ponds across multiple local and regional environmental gradients in the eastern Canadian Arctic. <i>Inland Waters</i> , 2012, 2, 59-76.	1.1	18
464	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 (<i>Vulpes lagopus</i>). <i>Environmental Science & Technology</i> , 2017, 51, 4673-4680.	4.6	18
465	The distribution and transport of lead over two centuries as recorded by lake sediments from northeastern North America. <i>Science of the Total Environment</i> , 2020, 737, 140212.	3.9	18
466	Atmospheric Deposition of Organochlorine Pesticides and Industrial Compounds to Seasonal Surface Snow at Four Glacier Sites on Svalbard, 2013â€“2014. <i>Environmental Science & Technology</i> , 2020, 54, 9265-9273.	4.6	18
467	Evidence for particleâ€“mediated transport of 2,3,7,8â€“tetrachlorodibenzofuran during gas sparging of natural water. <i>Environmental Toxicology and Chemistry</i> , 1993, 12, 2037-2044.	2.2	17
468	Biochemical and histological responses in rainbow trout (<i>Oncorhynchus mykiss</i>) exposed to 2,3,4,7,8â€“pentachlorodibenzofuran. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 915-921.	2.2	17

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469	Levels and Temporal Trends of Toxaphene Congeners in Beluga Whales (<i>Delphinapterus leucas</i>) from the St. Lawrence Estuary, Canada. <i>Environmental Science & Technology</i> , 2003, 37, 4603-4609.	4.6	17
470	Temporal and Spatial Variation in Metric Asymmetry in Skulls of Polar Bears (<i>Ursus maritimus</i>) from East Greenland and Svalbard. <i>Annales Zoologici Fennici</i> , 2008, 45, 15-31.	0.2	17
471	Polybrominated diphenyl ethers, toxaphenes, and other halogenated organic pollutants in great blue heron eggs. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 243-249.	2.2	17
472	Anadromous char as an alternate food choice to marine animals: A synthesis of Hg concentrations, population features and other influencing factors. <i>Science of the Total Environment</i> , 2015, 509-510, 175-194.	3.9	17
473	Qualitative Approach to Comparative Exposure in Alternatives Assessment. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 880-894.	1.6	17
474	Forage fish and polycyclic aromatic compounds in the Fort McMurray oil sands area: Body burden comparisons with environmental distributions and consumption guidelines. <i>Environmental Pollution</i> , 2019, 255, 113135.	3.7	17
475	Hexachlorobutadiene (HCB) contamination in the Arctic environment: A review. <i>Emerging Contaminants</i> , 2019, 5, 116-122.	2.2	17
476	Temporal Trends in Per- and Polyfluoroalkyl Substances in Bottlenose Dolphins (<i>Tursiops</i>). <i>Environmental Science & Technology</i> , 2019, 53, 14194-14203.	4.6	17
477	Bioconcentration of octachlorodibenzo-p-dioxin (OCDD) in fish. <i>Chemosphere</i> , 1992, 25, 1257-1264.	4.2	16
478	Influence of surface films on the fate of deltamethrin following aerial application to prairie ponds. <i>Environmental Toxicology and Chemistry</i> , 1992, 11, 581-591.	2.2	16
479	Toxaphene: Analytical chemistry. <i>Chemosphere</i> , 1993, 27, 1827-1834.	4.2	16
480	Modelling agrochemical dissipation in surface microlayers following aerial deposition. <i>Chemosphere</i> , 1999, 38, 121-141.	4.2	16
481	Levels and temporal trends of HCH isomers in ringed seals from West and East Greenland. <i>Journal of Environmental Monitoring</i> , 2008, 10, 935.	2.1	16
482	Temporal and spatial variation in polychlorinated biphenyl chiral signatures of the Greenland shark (<i>Somniosus microcephalus</i>) and its arctic marine food web. <i>Environmental Pollution</i> , 2014, 186, 216-225.	3.7	16
483	Variation in bioaccumulation of persistent organic pollutants based on octanol:air partitioning: Influence of respiratory elimination in marine species. <i>Marine Pollution Bulletin</i> , 2015, 100, 122-127.	2.3	16
484	Aquatic exposures of chemical mixtures in urban environments: Approaches to impact assessment. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 703-714.	2.2	16
485	Multicompartmental Toxicokinetic Modeling of Discrete Dietary and Continuous Waterborne Uptake of Two Polycyclic Aromatic Hydrocarbons by Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2020, 54, 1054-1065.	4.6	16
486	Atmospheric deposition of polychlorinated biphenyls to seasonal surface snow at four glacier sites on Svalbard, 2013-2014. <i>Chemosphere</i> , 2020, 243, 125324.	4.2	16

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487	Mercury in Ringed Seals (<i>Pusa hispida</i>) from the Canadian Arctic in Relation to Time and Climate Parameters. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2462-2474.	2.2	16
488	Persistent Organic Pollutants in the Sediments of Lochnagar. , 2007, , 375-402.		16
489	Perfluorinated Chemicals in Meromictic Lakes on the Northern Coast of Ellesmere Island, High Arctic Canada + Online Appendix 1 (See Article Tools). <i>Arctic</i> , 2012, 65, .	0.2	16
490	DIETARY ACCUMULATION OF C12- AND C16-CHLORINATED ALKANES BY JUVENILE RAINBOW TROUT (ONCORHYNCHUS MYKISS). <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 1775.	2.2	16
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). <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1508.	2.2	16
492	Which of the (Mixed) Halogenated n-Alkanes Are Likely To Be Persistent Organic Pollutants?. <i>Environmental Science & Technology</i> , 2021, 55, 15912-15920.	4.6	16
493	Bioconcentration of superlipophilic persistent chemicals. <i>Environmental Science and Pollution Research</i> , 1994, 1, 75-80.	2.7	15
494	Interlaboratory comparison study for PCB congeners and chlorinated pesticides in beluga whale blubber. <i>Chemosphere</i> , 1996, 33, 1369-1390.	4.2	15
495	Lactational Transfer of Polychlorinated-Biphenyls (PCBs) and Other Organochlorines in St. Lawrence Beluga Whales (<i>Delphinapterus leucas</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 169-179.	2.1	15
496	Long-term spatial and temporal trends, and source apportionment of polycyclic aromatic compounds in the Athabasca Oil Sands Region. <i>Environmental Pollution</i> , 2021, 268, 115351.	3.7	15
497	Influence of climate change on persistent organic pollutants and chemicals of emerging concern in the Arctic: state of knowledge and recommendations for future research. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1530-1543.	1.7	15
498	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. <i>Science of the Total Environment</i> , 2022, 839, 155803.	3.9	15
499	Comparison of the uptake and bioconcentration of fluridone and terbutryn by rainbow trout and <i>Chironomus tentans</i> in sediment and water systems. <i>Archives of Environmental Contamination and Toxicology</i> , 1982, 11, 595-602.	2.1	14
500	Immune Functions in the Fisher Rat Fed Beluga Whale (<i>Delphinapterus leucas</i>) Blubber from the Contaminated St. Lawrence Estuary. <i>Environmental Research</i> , 1999, 80, S104-S112.	3.7	14
501	Trichloroacetic acid fate and toxicity to the macrophytes <i>Myriophyllum spicatum</i> and <i>Myriophyllum sibiricum</i> under field conditions. <i>Aquatic Toxicology</i> , 2002, 56, 241-255.	1.9	14
502	Hexachlorocyclohexanes (HCH) in ringed seal (<i>Phoca hispida</i>) from Ulukhaktok (Holman), NT: Trends from 1978 to 2006. <i>Science of the Total Environment</i> , 2009, 407, 5139-5146.	3.9	14
503	Dietary Contaminant Exposure Affects Plasma Testosterone, but not Thyroid Hormones, Vitamin A, and Vitamin E, in Male Juvenile Arctic Foxes (<i>Vulpes lagopus</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 1298-1313.	1.1	14
504	C ₁₂ -Bromo-Chloro Alkenes: Characterization of a Poorly Identified Flame Retardant and Potential Environmental Implications. <i>Environmental Science & Technology</i> , 2019, 53, 10835-10844.	4.6	14

#	ARTICLE	IF	CITATIONS
505	A one-century sedimentary record of N- and S-polycyclic aromatic compounds in the Athabasca oil sands region in Canada. <i>Chemosphere</i> , 2020, 260, 127641.	4.2	14
506	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
507	Why do we monitor? Using seabird eggs to track trends in Arctic environmental contamination. <i>Environmental Reviews</i> , 2022, 30, 245-267.	2.1	14
508	Historical Deposition of PCBs and Organochlorine Pesticides to Lake Winnipeg (Canada). <i>Journal of Great Lakes Research</i> , 2000, 26, 3-17.	0.8	13
509	Simultaneous analysis of organic pollutants in soils by gas chromatography and gas chromatographyâ€‘mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 89-98.	1.8	13
510	Food web structure and mercury trophodynamics in two contrasting embayments in northern Lake Victoria. <i>Journal of Great Lakes Research</i> , 2012, 38, 699-707.	0.8	13
511	Historical deposition of persistent organic pollutants in Lake Victoria and two alpine equatorial lakes from East Africa: Insights into atmospheric deposition from sedimentation profiles. <i>Chemosphere</i> , 2016, 144, 1815-1822.	4.2	13
512	Using sulfur stable isotopes to assess mercury bioaccumulation and biomagnification in temperate lake food webs. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 661-670.	2.2	13
513	Polyaromatic hydrocarbons, chlorinated and brominated organic contaminants as tracers of feeding ecology in polar benthic amphipods. <i>Marine Ecology - Progress Series</i> , 2007, 337, 155-164.	0.9	13
514	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. <i>Journal of Agricultural and Food Chemistry</i> , 1984, 32, 588-593.	2.4	12
515	Methylsulfone polycglorinated biphenyl and 2,2â€‘bis(chlorophenyl)â€‘1,1â€‘dichloroethylene metabolites in beluga whale (<i>Delphinapterus leucas</i>) from the St. Lawrence river estuary and western Hudson bay, Canada. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1378-1388.	2.2	12
516	Polychlorinated biphenyls and their hydroxylated metabolites in wild fish from wheatley Harbour Area of Concern, Ontario, Canada. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2788-2797.	2.2	12
517	Polycyclic aromatic compounds (PACs) in the Canadian environment: Links to global change. <i>Environmental Pollution</i> , 2021, 273, 116425.	3.7	12
518	Spatial distribution and airâ€‘water exchange of organophosphate esters in the lower Great Lakes. <i>Environmental Pollution</i> , 2021, 286, 117349.	3.7	12
519	Mercury Isotope Variations in Lake Sediment Cores in Response to Direct Mercury Emissions from Non-Ferrous Metal Smelters and Legacy Mercury Remobilization. <i>Environmental Science & Technology</i> , 2022, 56, 8266-8277.	4.6	12
520	Short Chain Chlorinated Paraffins: Are They Persistent and Bioaccumulative?. <i>ACS Symposium Series</i> , 2000, , 184-202.	0.5	11
521	Contaminants in Canadian arctic biota and implications for human health: Conclusions and knowledge gaps. <i>Science of the Total Environment</i> , 2005, 351-352, 539-546.	3.9	11
522	Organic nutrients and contaminants in subsistence species of Alaska: Concentrations and relationship to food preparation method. <i>International Journal of Circumpolar Health</i> , 2009, 68, 354-371.	0.5	11

#	ARTICLE	IF	CITATIONS
523	Trophodynamics of current use pesticides and ecological relationships in the Bathurst region vegetation-caribou-wolf food chain of the Canadian Arctic. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1956-1966.	2.2	11
524	Brief communication: Organochlorine pesticides in an archived firn core from Law Dome, East Antarctica. <i>Cryosphere</i> , 2016, 10, 2533-2539.	1.5	11
525	Persistent organic contaminants in sediments and biota of Great Slave Lake, Canada: Slave River and long-range atmospheric source influences. <i>Journal of Great Lakes Research</i> , 2016, 42, 233-247.	0.8	11
526	Concentrations of vitamin A, E, thyroid and testosterone hormones in blood plasma and tissues from emaciated adult male Arctic foxes (<i>Vulpes lagopus</i>) dietary exposed to persistent organic pollutants (POPs). <i>Environmental Research</i> , 2017, 154, 284-290.	3.7	11
527	Geographic variation in ringed seal (<i>Pusa hispida</i>) growth rate and body size. <i>Canadian Journal of Zoology</i> , 2018, 96, 649-659.	0.4	11
528	Screening-level risk assessment of methylmercury for non-anadromous Arctic char (<i>Salvelinus</i>)	2.2	11
529	PERSISTENCE AND MOVEMENT OF CYANAZINE AND PROCYAZINE IN SOIL UNDER FIELD CONDITIONS. <i>Canadian Journal of Soil Science</i> , 1981, 61, 237-242.	0.5	10
530	Predicting bioconcentration factors (BCFs) of polychlorinated bornane (toxaphene) congeners in fish and comparison with bioaccumulation factors (BAFs) in biota from the aquatic environment. <i>Chemosphere</i> , 1999, 39, 655-663.	4.2	10
531	Concentrations of selected persistent organochlorine contaminants in store-bought foods from northern Alaska. <i>International Journal of Circumpolar Health</i> , 2005, 64, 303-313.	0.5	10
532	Mineral density and biomechanical properties of bone tissue from male Arctic foxes (<i>Vulpes lagopus</i>) exposed to organochlorine contaminants and emaciation. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 97-103.	1.3	10
533	Response to Comment on Climate Change and Mercury Accumulation in Canadian High and Subarctic Lakes. <i>Environmental Science & Technology</i> , 2011, 45, 6705-6706.	4.6	10
534	Probing the debromination of the flame retardant decabromodiphenyl ether in sediments of a boreal lake. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 573-583.	2.2	10
535	Long-range transport of legacy organic pollutants affects alpine fish eaten by ospreys in western Canada. <i>Science of the Total Environment</i> , 2020, 712, 135889.	3.9	10
536	Comparing temporal patterns in body condition of ringed seals living within their core geographic range with those living at the edge. <i>Ecography</i> , 2020, 43, 1521-1535.	2.1	10
537	Diet influences on growth and mercury concentrations of two salmonid species from lakes in the eastern Canadian Arctic. <i>Environmental Pollution</i> , 2021, 268, 115820.	3.7	10
538	Quantification of Spatial and Temporal Trends in Atmospheric Mercury Deposition across Canada over the Past 30 Years. <i>Environmental Science & Technology</i> , 2021, 55, 15766-15775.	4.6	10
539	Environmental Levels and Fate. <i>Handbook of Environmental Chemistry</i> , 2010, , 107-133.	0.2	9
540	Cadmium and other elements in tissues from four ungulate species from the Mackenzie Mountain region of the Northwest Territories, Canada. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 9-17.	2.9	9

#	ARTICLE	IF	CITATIONS
541	Determination of Niclosamide (Bayer 2353) in Water and Sediment Samples. <i>International Journal of Environmental Analytical Chemistry</i> , 1980, 8, 1-14.	1.8	8
542	Fate of 14C-octachlorodibenzo-p-dioxin in artificial outdoor ponds. <i>Chemosphere</i> , 1985, 14, 835-838.	4.2	8
543	Biodegradation of four triaryl/alkyl phosphate esters in sediment under various temperature and redox conditions. <i>Toxicological and Environmental Chemistry</i> , 1989, 18, 269-286.	0.6	8
544	Quantum yields of the direct Phototransformation of 1,2,4,7,8-penta- and 1,2,3,4,7,8-hexachlorodibenzofuran in aqueous Acetonitrile and their sunlight half-lives. <i>Toxicological and Environmental Chemistry</i> , 1990, 26, 181-195.	0.6	8
545	Biomagnification. <i>Marine Pollution Bulletin</i> , 2003, 46, 522-524.	2.3	8
546	Measurement of 13C/12C of chloroacetic acids by gas chromatography/combustion/isotope ratio mass spectrometry. <i>Chemosphere</i> , 2003, 50, 903-909.	4.2	8
547	Reply to Hrudey: Tracking the extent of oil sands airborne pollution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2749.	3.3	8
548	Activity concentration measurements of selected radionuclides in seals from Canadian Arctic. <i>Journal of Environmental Radioactivity</i> , 2017, 169-170, 48-55.	0.9	8
549	Lake Superior Has Lost over 90% of Its Pesticide HCH Load since 1986. <i>Environmental Science & Technology</i> , 2021, 55, 9518-9526.	4.6	8
550	Toxaphene and other persistent organochlorine pesticides in three species of albatrosses from the north and south Pacific Ocean. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 413-23.	2.2	8
551	Data-Independent Identification of Suspected Organic Pollutants Using Gas Chromatography-Atmospheric Pressure Chemical Ionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 1498-1506.	3.2	8
552	Do intraspecific life history patterns follow interspecific predictions? A test using latitudinal variation in ringed seals. <i>Population Ecology</i> , 2019, 61, 371-382.	0.7	7
553	Temporal Trends in Polybrominated Diphenylethers (PBDEs) in Blubber of Ringed Seals (<i>Pusa hispida</i>) from Ulukhaktok, NT, Canada Between 1981 and 2015. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 167-176.	2.1	7
554	A modelling-based perspective on the past, present, and future polychlorinated biphenyl contamination of the St. Lawrence beluga whale (<i>Delphinapterus leucas</i>) population. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 101-112.	0.7	7
555	Physical and Biological Factors Affecting Mercury and Perfluorinated Contaminants in Arctic Char (<i>Salvelinus alpinus</i>) of Pingualuit Crater Lake (Nunavik, Canada) + Supplementary Appendices (See Article Tools). <i>Arctic</i> , 2012, 65, .	0.2	7
556	Toxaphene in minke whales (<i>Balaenoptera acutorostrata</i>) from the North Atlantic. <i>Environmental Pollution</i> , 2008, 153, 71-83.	3.7	6
557	Halogenated phenolic compounds in wild fish from Canadian Areas of Concern. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2266-2273.	2.2	6
558	Chemicals of Emerging Arctic Concern: Preface. <i>Emerging Contaminants</i> , 2019, 5, 1-3.	2.2	6

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559	Perfluoroalkyl substances in circum-Arctic Rangifer: caribou and reindeer. <i>Environmental Science and Pollution Research</i> , 2022, 29, 23721-23735.	2.7	6
560	Regional Patterns in Organochlorine Contamination of Saxifrage from Ellesmere Island in the High Arctic (77°81' N). <i>Environmental Science & Technology</i> , 1997, 31, 1879-1882.	4.6	5
561	Toxaphene in the Great Lakes. , 0, , 201-265.		5
562	Past and present mercury flux to a West African crater lake (Lake Bosomtwe/Bosumtwi, Ghana). <i>Science of the Total Environment</i> , 2012, 420, 340-344.	3.9	5
563	Can traditional methods of selecting food accurately assess fish health?. <i>Arctic Science</i> , 2018, 4, 205-222.	0.9	5
564	Mandibular shape in farmed Arctic foxes (<i>Vulpes lagopus</i>) exposed to persistent organic pollutants. <i>Science of the Total Environment</i> , 2019, 646, 1063-1068.	3.9	5
565	Sources of atmospheric metal(loid) pollution recorded in Thompson Manitoba lake sediment cores within the Canadian boreal biome. <i>Science of the Total Environment</i> , 2020, 732, 139043.	3.9	5
566	Dried Blood Spot Sampling of Landlocked Arctic Char (<i>Salvelinus alpinus</i>) for Estimating Mercury Exposure and Stable Carbon Isotope Fingerprinting of Essential Amino Acids. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 893-903.	2.2	5
567	Tissue contaminants and wild fish health in the St. Clair River Area of Concern – Part 2: Spatial trends and temporal declines in organics. <i>Science of the Total Environment</i> , 2020, 746, 136525.	3.9	5
568	Contrasting the ecological effects of decreasing ice cover versus accelerated glacial melt on the High Arctic's largest lake. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201185.	1.2	5
569	Reproductive success in rainbow trout following parental transfer of 2,3,4,7,8-pentachlorodibenzofuran. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 922-927.	2.2	4
570	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. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 404.	1.3	4
571	Historic Atmospheric Organochlorine Pesticide and Halogenated Industrial Compound Inputs to Glacier Ice Cores in Antarctica and the Arctic. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2534-2543.	1.2	4
572	Remobilization and export of cadmium from lake sediments by emerging insects. , 1997, 16, 2333.		4
573	ACCUMULATION AND DEPURATION OF SEDIMENT-SORBED C12- AND C16-POLYCHLORINATED ALKANES BY OLIGOCHAETES (<i>LUMBRICULUS VARIEGATUS</i>). <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 2019.	2.2	4
574	Correlation of Mercury Occurrence with Age, Elemental Composition, and Life History in Sea-Run Food Fish from the Canadian Arctic Archipelago's Lower Northwest Passage. <i>Foods</i> , 2021, 10, 2621.	1.9	4
575	Accumulation and depuration of 2,3,7,8-tetrachlorodibenzofuran and octachlorodibenzo-p-dioxin by caddisfly larvae (<i>Hydropsyche bidens</i> (ross)) in miniature laboratory streams. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2352-2360.	2.2	3
576	Long-term fate and bioavailability of sediment-associated 2,3,7,8-tetrachlorodibenzofuran in littoral enclosures. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1491-1500.	2.2	3

#	ARTICLE	IF	CITATIONS
577	A WORLD MODEL, A MODEL WORLD” Editorial. Environmental Toxicology and Chemistry, 2004, 23, 2279.	2.2	3
578	Response to Comment on “Mercury Biomagnification through Food Webs Is Affected by Physical and Chemical Characteristics of Lakes” Environmental Science & Technology, 2014, 48, 10526-10527.	4.6	3
579	Addendum to “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,” by Togwell A. Jackson, Kevin H. Telmer, and Derek C.G. Muir. Chemical Geology, 2015, 402, 153-154.	1.4	3
580	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
581	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
582	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
583	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
584	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
585	Effect of the input pathway on the distribution of 1,2,3,4,7,8-pentachlorodibenzo-p-dioxin in an aquatic mesocosm. Environmental Toxicology and Chemistry, 1995, 14, 1921-1929.	2.2	2
586	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
587	A Multi-elemental Approach to Identification of Subpopulations of North Atlantic Minke Whales Balaenoptera Acutorostrata. Wildlife Biology, 2007, 13, 84-97.	0.6	2
588	Perfluoroalkyl Compounds. , 0, , 25-69.		2
589	Response to Comment on “Global Aquatic Sampling (AQUA-GAPS): Using Passive Samplers to Monitor POPs in the Waters of the World” Environmental Science & Technology, 2010, 44, 4386-4386.	4.6	2
590	Deposition of Polychlorinated Biphenyls to Firn and Ice Cores at Opposite Polar Sites: Site M, Dronning Maud Land, Antarctica, and Høltedahlfonna, Svalbard. ACS Earth and Space Chemistry, 2020, 4, 2096-2104.	1.2	2
591	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
592	Response to Comment on “Screening New Persistent and Bioaccumulative Organics in China”™s Inventory of Industrial Chemicals” A Call for Further Environmental Research on Organosilicons Produced in China. Environmental Science & Technology, 2022, 56, 693-696.	4.6	2
593	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
594	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

#	ARTICLE	IF	CITATIONS
595	Response to Comment on "Delayed Deposition of Organochlorine Pesticides in a Temperate Glacier"; Environmental Science & Technology, 2000, 34, 2873-2874.	4.6	1
596	Paleolimnological Methods And Applications For Persistent Organic Pollutants. , 2002, , 271-298.		1
597	Contaminants in Canadian Arctic biota and implications for human health: Preface. Science of the Total Environment, 2005, 351-352, 1-3.	3.9	1
598	A Circumarctic Review of Contaminants in Ringed Seals. From Pole To Pole, 2016, , 229-251.	0.1	1
599	In Situ Passive Sampling Techniques for Monitoring Environmental Mixture Exposure. , 2020, , 13-21.		1
600	Toxic chemical exposure from global fish trade. Nature Food, 2020, 1, 259-259.	6.2	1
601	Measurable Levels of Short-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
602	The influence of a lost society, the Sadlermiut, on the environment in the Canadian Arctic. Scientific Reports, 2021, 11, 18504.	1.6	1
603	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
604	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
605	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
606	Special issues are welcome. Chemosphere, 2018, 206, A1-A2.	4.2	0
607	Contaminants and Ecotoxicology. , 2021, , 355-427.		0
608	Direct human impacts on high-latitude lakes and rivers. , 2008, , 291-306.		0