

Robie W Macdonald

List of Publications by Year in descending order

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252
papers

21,210
citations

11651

70
h-index

11607

135
g-index

271
all docs

271
docs citations

271
times ranked

15388
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle/gas partitioning behavior of polychlorinated biphenyls (PCBs) in global atmosphere: Equilibrium or steady state?. <i>Atmospheric Environment</i> , 2022, 270, 118926.	4.1	3
2	Steady-State Based Model of Airborne Particle/Gas and Settled Dust/Gas Partitioning for Semivolatile Organic Compounds in the Indoor Environment. <i>Environmental Science & Technology</i> , 2022, 56, 8373-8383.	10.0	19
3	Slopes and intercepts from log-log correlations of gas/particle quotient and octanol-air partition coefficient (vapor-pressure) for semi-volatile organic compounds: I. Theoretical analysis. <i>Chemosphere</i> , 2021, 273, 128865.	8.2	6
4	Slopes and intercepts from log-log correlations of gas/particle quotient and octanol-air partition coefficient (vapor-pressure) for semi-volatile organic compounds: II. Theoretical predictions vs. monitoring. <i>Chemosphere</i> , 2021, 273, 128860.	8.2	8
5	Has primary production declined in the Salish Sea?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 312-321.	1.4	6
6	Dynamic changes in size-fractionated dissolved organic matter composition in a seasonally ice-covered Arctic River. <i>Limnology and Oceanography</i> , 2021, 66, 3085-3099.	3.1	22
7	CASCADE – The Circum-Arctic Sediment Carbon DatabasE. <i>Earth System Science Data</i> , 2021, 13, 2561-2572.	9.9	22
8	Detrital neodymium and (radio)carbon as complementary sedimentary bedfellows? The Western Arctic Ocean as a testbed. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 315, 101-126.	3.9	5
9	Particle/gas partitioning for semi-volatile organic compounds (SVOCs) in level III multimedia fugacity models: Both gaseous and particulate emissions. <i>Science of the Total Environment</i> , 2021, 790, 148012.	8.0	7
10	Particle/gas partitioning for semi-volatile organic compounds (SVOCs) in Level III multimedia fugacity models: Gaseous emissions. <i>Science of the Total Environment</i> , 2021, 795, 148729.	8.0	2
11	Approach to Predicting the Size-Dependent Inhalation Intake of Particulate Novel Brominated Flame Retardants. <i>Environmental Science & Technology</i> , 2021, 55, 15236-15245.	10.0	11
12	Gas/particle partitioning of semi-volatile organic compounds in the atmosphere: Transition from unsteady to steady state. <i>Science of the Total Environment</i> , 2020, 710, 136394.	8.0	15
13	Modeling gas/particle partitioning of polybrominated diphenyl ethers (PBDEs) in the atmosphere: A review. <i>Science of the Total Environment</i> , 2020, 729, 138962.	8.0	16
14	Human exposure to polychlorinated biphenyls embodied in global fish trade. <i>Nature Food</i> , 2020, 1, 292-300.	14.0	35
15	New equation to predict size-resolved gas-particle partitioning quotients for polybrominated diphenyl ethers. <i>Journal of Hazardous Materials</i> , 2020, 400, 123245.	12.4	19
16	Polycyclic aromatic compounds (PACs) in the Canadian environment: A review of sampling techniques, strategies and instrumentation. <i>Environmental Pollution</i> , 2020, 266, 114988.	7.5	26
17	Sediment and particulate organic carbon budgets of a subarctic estuarine fjord: Lake Melville, Labrador. <i>Marine Geology</i> , 2020, 424, 106154.	2.1	4
18	Determining seawater mercury methylation and demethylation rates by the seawater incubation approach: A critique. <i>Marine Chemistry</i> , 2020, 219, 103753.	2.3	15

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19	Effect of terrestrial organic matter on ocean acidification and CO ₂ flux in an Arctic shelf sea. <i>Progress in Oceanography</i> , 2020, 185, 102319.	3.2	20
20	Subsea permafrost carbon stocks and climate change sensitivity estimated by expert assessment. <i>Environmental Research Letters</i> , 2020, 15, 124075.	5.2	34
21	Assessing the Contributions of Atmospheric/Meteoric Water and Sea Ice Meltwater and Their Influences on Geochemical Properties in Estuaries of the Canadian Arctic Archipelago. <i>Estuaries and Coasts</i> , 2019, 42, 1226-1248.	2.2	2
22	Rain, Runoff, and Diatoms: the Effects of the North Pacific 2014–2015 Warm Anomaly on Particle Flux in a Canadian West Coast Fjord. <i>Estuaries and Coasts</i> , 2019, 42, 1052-1065.	2.2	13
23	Mercury and stable isotope cycles in baleen plates are consistent with year-round feeding in two bowhead whale (<i>Balaena mysticetus</i>) populations. <i>Polar Biology</i> , 2018, 41, 1881-1893.	1.2	20
24	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.	8.0	105
25	Reply to Macreadie et al Comment on “Geoengineering with seagrasses: is credit due where credit is given?”. <i>Environmental Research Letters</i> , 2018, 13, 028001.	5.2	2
26	Reply to Oreska et al “Comment on Geoengineering with seagrasses: is credit due where credit is given?”. <i>Environmental Research Letters</i> , 2018, 13, 038002.	5.2	0
27	Subsurface seawater methylmercury maximum explains biotic mercury concentrations in the Canadian Arctic. <i>Scientific Reports</i> , 2018, 8, 14465.	3.3	39
28	Current use pesticide and legacy organochlorine pesticide dynamics at the ocean-sea ice-atmosphere interface in resolute passage, Canadian Arctic, during winter-summer transition. <i>Science of the Total Environment</i> , 2017, 580, 1460-1469.	8.0	38
29	Early diagenesis and trace element accumulation in North American Arctic margin sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 203, 175-200.	3.9	20
30	Decabrominated Diphenyl Ethers (BDE-209) in Chinese and Global Air: Levels, Gas/Particle Partitioning, and Long-Range Transport: Is Long-Range Transport of BDE-209 Really Governed by the Movement of Particles?. <i>Environmental Science & Technology</i> , 2017, 51, 1035-1042.	10.0	60
31	Sources and accumulation of sediment and particulate organic carbon in a subarctic fjord estuary: ²¹⁰ Pb, ¹³⁷ Cs, and ¹³ C records from Lake Melville, Labrador. <i>Canadian Journal of Earth Sciences</i> , 2017, 54, 993-1006.	1.3	6
32	Short-term variability in particle flux: Storms, blooms and river discharge in a coastal sea. <i>Continental Shelf Research</i> , 2017, 143, 29-42.	1.8	5
33	Organic matter compositions of rivers draining into Hudson Bay: Present-day trends and potential as recorders of future climate change. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1848-1869.	3.0	26
34	On the geochemical heterogeneity of rivers draining into the straits and channels of the Canadian Arctic Archipelago. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2527-2547.	3.0	23
35	Vulnerability of a semienclosed estuarine sea to ocean acidification in contrast with hypoxia. <i>Geophysical Research Letters</i> , 2016, 43, 5793-5801.	4.0	44
36	Geoengineering with seagrasses: is credit due where credit is given?. <i>Environmental Research Letters</i> , 2016, 11, 113001.	5.2	84

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37	The influence of global climate change on the environmental fate of persistent organic pollutants: A review with emphasis on the Northern Hemisphere and the Arctic as a receptor. <i>Global and Planetary Change</i> , 2016, 146, 89-108.	3.5	118
38	Spatiotemporal patterns of mercury accumulation in lake sediments of western North America. <i>Science of the Total Environment</i> , 2016, 568, 1157-1170.	8.0	53
39	Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment. <i>Environmental Research Letters</i> , 2016, 11, 034014.	5.2	199
40	Pan-Arctic concentrations of mercury and stable isotope ratios of carbon ($\delta^{13}C$) and nitrogen ($\delta^{15}N$) in marine zooplankton. <i>Science of the Total Environment</i> , 2016, 551-552, 92-100.	8.0	20
41	Dinoflagellate cyst production over an annual cycle in seasonally ice-covered Hudson Bay. <i>Marine Micropaleontology</i> , 2016, 125, 1-24.	1.2	45
42	Mercury Accumulation in Harbour Seals from the Northeastern Pacific Ocean: The Role of Transplacental Transfer, Lactation, Age and Location. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 56-66.	4.1	38
43	Multimolecular tracers of terrestrial carbon transfer across the pan-Arctic: $\delta^{14}C$ characteristics of sedimentary carbon components and their environmental controls. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1855-1873.	4.9	46
44	Temporal and spatial variability of particle transport in the deep Arctic Basin. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 2784-2799.	2.6	29
45	Observing the Arctic Ocean carbon cycle in a changing environment. <i>Polar Research</i> , 2015, 34, 26891.	1.6	28
46	It is not just about the ice: a geochemical perspective on the changing Arctic Ocean. <i>Journal of Environmental Studies and Sciences</i> , 2015, 5, 288-301.	2.0	20
47	Multi-molecular tracers of terrestrial carbon transfer across the pan-Arctic: comparison of hydrolyzable components with plant wax lipids and lignin phenols. <i>Biogeosciences</i> , 2015, 12, 4841-4860.	3.3	24
48	Spatial variations in geochemical characteristics of the modern Mackenzie Delta sedimentary system. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 100-120.	3.9	36
49	Distant drivers or local signals: Where do mercury trends in western Arctic belugas originate?. <i>Science of the Total Environment</i> , 2015, 509-510, 226-236.	8.0	28
50	Local contamination, and not feeding preferences, explains elevated PCB concentrations in Labrador ringed seals (<i>Pusa hispida</i>). <i>Science of the Total Environment</i> , 2015, 515-516, 188-197.	8.0	15
51	Spatial, temporal, and source variations of hydrocarbons in marine sediments from Baffin Bay, Eastern Canadian Arctic. <i>Science of the Total Environment</i> , 2015, 506-507, 430-443.	8.0	34
52	The vulnerability of Arctic shelf sediments to climate change. <i>Environmental Reviews</i> , 2015, 23, 461-479.	4.5	33
53	Alkane and PAH provenance and potential bioavailability in coastal marine sediments subject to a gradient of anthropogenic sources in British Columbia, Canada. <i>Organic Geochemistry</i> , 2015, 89-90, 80-116.	1.8	75
54	The delivery of organic contaminants to the Arctic food web: Why sea ice matters. <i>Science of the Total Environment</i> , 2015, 506-507, 444-452.	8.0	31

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55	Local environmental conditions determine the footprint of municipal effluent in coastal waters: A case study in the Strait of Georgia, British Columbia. <i>Science of the Total Environment</i> , 2015, 508, 228-239.	8.0	22
56	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.	8.0	106
57	Classification of mercury-labile organic matter relationships in lake sediments. <i>Chemical Geology</i> , 2014, 373, 87-92.	3.3	25
58	Characterization of sedimentary organic matter in recent marine sediments from Hudson Bay, Canada, by Rock-Eval pyrolysis. <i>Organic Geochemistry</i> , 2014, 68, 52-60.	1.8	31
59	Distribution and Uptake of Key Polychlorinated Biphenyl and Polybrominated Diphenyl Ether Congeners in Benthic Infauna Relative to Sediment Organic Enrichment. <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 67, 310-334.	4.1	10
60	Transformation of Mercury at the Bottom of the Arctic Food Web: An Overlooked Puzzle in the Mercury Exposure Narrative. <i>Environmental Science & Technology</i> , 2014, 48, 7280-7288.	10.0	33
61	Why timing matters in a coastal sea: Trends, variability and tipping points in the Strait of Georgia, Canada. <i>Journal of Marine Systems</i> , 2014, 131, 36-53.	2.1	38
62	Surface sediment dinoflagellate cysts from the Hudson Bay system and their relation to freshwater and nutrient cycling. <i>Marine Micropaleontology</i> , 2014, 106, 79-109.	1.2	63
63	Oxygen in the deep Strait of Georgia, 1951-2009: The roles of mixing, deep-water renewal, and remineralization of organic carbon. <i>Limnology and Oceanography</i> , 2014, 59, 211-222.	3.1	32
64	Changes in the marine carbonate system of the western Arctic: patterns in a rescued data set. <i>Polar Research</i> , 2014, 33, 20577.	1.6	19
65	Measurements of the dissolved inorganic carbon system and associated biogeochemical parameters in the Canadian Arctic, 1974-2009. <i>Earth System Science Data</i> , 2014, 6, 91-104.	9.9	6
66	Partitioning and bioaccumulation of PCBs and PBDEs in marine plankton from the Strait of Georgia, British Columbia, Canada. <i>Progress in Oceanography</i> , 2013, 115, 65-75.	3.2	50
67	Climatology of sediment flux and composition in the subarctic Northeast Pacific Ocean with biogeochemical implications. <i>Progress in Oceanography</i> , 2013, 116, 95-129.	3.2	41
68	The trouble with salmon: relating pollutant exposure to toxic effect in species with transformational life histories and lengthy migrations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 1252-1264.	1.4	22
69	When will $\hat{\pm}$ -HCH disappear from the western Arctic Ocean?. <i>Journal of Marine Systems</i> , 2013, 127, 88-100.	2.1	22
70	Beaufort Sea storm and resuspension modeling. <i>Journal of Marine Systems</i> , 2013, 127, 14-25.	2.1	18
71	Scavenging Amphipods: Sentinels for Penetration of Mercury and Persistent Organic Chemicals into Food Webs of the Deep Arctic Ocean. <i>Environmental Science & Technology</i> , 2013, 47, 5553-5561.	10.0	18
72	Distribution and sources of organic matter in surface marine sediments across the North American Arctic margin. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4017-4035.	2.6	90

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73	The role of eddies on particle flux in the Canada Basin of the Arctic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 71, 1-20.	1.4	34
74	Importance of Arctic Zooplankton Seasonal Migrations for $\hat{\pm}$ -Hexachlorocyclohexane Bioaccumulation Dynamics. <i>Environmental Science & Technology</i> , 2013, 47, 4155-4163.	10.0	5
75	Change at the margin of the North Water Polynya, Baffin Bay, inferred from organic matter records in dated sediment cores. <i>Marine Geology</i> , 2013, 341, 1-13.	2.1	11
76	The role of the global cryosphere in the fate of organic contaminants. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 3271-3305.	4.9	128
77	²¹⁰ Pb and ¹³⁷ Cs in margin sediments of the Arctic Ocean: Controls on boundary scavenging. <i>Global Biogeochemical Cycles</i> , 2013, 27, 422-439.	4.9	39
78	Canadian Basin freshwater sources and changes: Results from the 2005 Arctic Ocean Section. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2133-2154.	2.6	50
79	A nitrogen budget for the Strait of Georgia, British Columbia, with emphasis on particulate nitrogen and dissolved inorganic nitrogen. <i>Biogeosciences</i> , 2013, 10, 7179-7194.	3.3	27
80	Carbon dynamics in the western Arctic Ocean: insights from full-depth carbon isotope profiles of DIC, DOC, and POC. <i>Biogeosciences</i> , 2012, 9, 1217-1224.	3.3	78
81	Seasonal variability of water mass distribution in the southeastern Beaufort Sea determined by total alkalinity and $\delta^{18}\text{O}$. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	73
82	$\hat{\pm}$ -HCH enantiomer fraction (EF): A novel approach to calculate the ventilation age of water in the Arctic Ocean?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	6
83	Total and Methylated Mercury in the Beaufort Sea: The Role of Local and Recent Organic Remineralization. <i>Environmental Science & Technology</i> , 2012, 46, 11821-11828.	10.0	64
84	Manganese Sources and Sinks in the Arctic Ocean with Reference to Periodic Enrichments in Basin Sediments. <i>Aquatic Geochemistry</i> , 2012, 18, 565-591.	1.3	70
85	Mechanisms and Implications of $\hat{\pm}$ -HCH Enrichment in Melt Pond Water on Arctic Sea Ice. <i>Environmental Science & Technology</i> , 2012, 46, 11862-11869.	10.0	21
86	Mercury Biomagnification in Marine Zooplankton Food Webs in Hudson Bay. <i>Environmental Science & Technology</i> , 2012, 46, 12952-12959.	10.0	68
87	Alkane distributions in Arctic Ocean sediments. Reply to "Alkane and PAH biomarkers as tracers of terrigenous organic carbon in Arctic Ocean sediments" by Mark B. Yunker, Robie W. Macdonald, Lloyd R. Snowdon, Brian R. Fowler: Comment by Vera Petrova and co-authors. <i>Organic Geochemistry</i> , 2012, 50, 80-83.	1.8	2
88	Determination of mercury biogeochemical fluxes in the remote Mackenzie River Basin, northwest Canada, using speciation of sulfur and organic carbon. <i>Applied Geochemistry</i> , 2012, 27, 815-824.	3.0	21
89	PBDE and PCB accumulation in benthos near marine wastewater outfalls: The role of sediment organic carbon. <i>Environmental Pollution</i> , 2012, 171, 241-248.	7.5	29
90	The fate of mercury in Arctic terrestrial and aquatic ecosystems, a review. <i>Environmental Chemistry</i> , 2012, 9, 321.	1.5	106

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91	Biomagnification of polychlorinated biphenyls in a harbor seal (<i>Phoca vitulina</i>) food web from the strait of Georgia, British Columbia, Canada. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2445-2455.	4.3	20
92	There is no 1954 in that core! Interpreting sedimentation rates and contaminant trends in marine sediment cores. <i>Marine Pollution Bulletin</i> , 2012, 64, 675-678.	5.0	46
93	How does climate change influence arctic mercury?. <i>Science of the Total Environment</i> , 2012, 414, 22-42.	8.0	198
94	Effect of receiving environment on the transport and fate of polybrominated diphenyl ethers near two submarine municipal outfalls. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 566-573.	4.3	12
95	The Arctic Ocean Estuary. <i>Estuaries and Coasts</i> , 2012, 35, 353-368.	2.2	202
96	Sources and export fluxes of inorganic and organic carbon and nutrient species from the seasonally ice-covered Yukon River. <i>Biogeochemistry</i> , 2012, 107, 187-206.	3.5	91
97	Effects of Seabird Vectors on the Fate, Partitioning, and Signatures of Contaminants in a High Arctic Ecosystem. <i>Environmental Science & Technology</i> , 2011, 45, 10053-10060.	10.0	17
98	Comment on Climate Change and Mercury Accumulation in Canadian High and Subarctic Lakes. <i>Environmental Science & Technology</i> , 2011, 45, 6703-6704.	10.0	13
99	Carbon dynamics in sea ice: A winter flux time series. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	129
100	The influence of the atmosphere-snow-ice-ocean interactions on the levels of hexachlorocyclohexanes in the Arctic cryosphere. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	14
101	The role of eddies and energetic ocean phenomena in the transport of sediment from shelf to basin in the Arctic. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	29
102	Alkane and PAH biomarkers as tracers of terrigenous organic carbon in Arctic Ocean sediments. <i>Organic Geochemistry</i> , 2011, 42, 1109-1109.	1.8	113
103	Inferences about the modern organic carbon cycle from diagenesis of redox-sensitive elements in Hudson Bay. <i>Journal of Marine Systems</i> , 2011, 88, 451-462.	2.1	15
104	Distributions of runoff, sea-ice melt and brine using $\delta^{18}O$ and salinity data – A new view on freshwater cycling in Hudson Bay. <i>Journal of Marine Systems</i> , 2011, 88, 362-374.	2.1	40
105	The Hudson Bay system: A northern inland sea in transition. <i>Journal of Marine Systems</i> , 2011, 88, 337-340.	2.1	28
106	Environmental fractionation of PCBs and PBDEs during particle transport as recorded by sediments in coastal waters. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1522-1532.	4.3	44
107	Hydrographic Changes in Nares Strait (Canadian Arctic Archipelago) in Recent Decades Based on $\delta^{18}O$ Profiles of Bivalve Shells. <i>Arctic</i> , 2011, 64, 45.	0.4	13
108	The international polar year (IPY) circumpolar flaw lead (CFL) system study: The importance of brine processes for $\delta^{18}O$ and $\delta^{13}C$ hexachlorocyclohexane (HCH) accumulation or rejection in sea ice. <i>Atmosphere - Ocean</i> , 2010, 48, 244-262.	1.6	34

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109	Sea ice melt and meteoric water distributions in Nares Strait, Baffin Bay, and the Canadian Arctic Archipelago. <i>Journal of Marine Research</i> , 2010, 68, 767-798.	0.3	18
110	Are Arctic Ocean ecosystems exceptionally vulnerable to global emissions of mercury? A call for emphasised research on methylation and the consequences of climate change. <i>Environmental Chemistry</i> , 2010, 7, 133.	1.5	39
111	Organic-walled dinoflagellate cyst production, composition and flux from 1996 to 1998 in the central Strait of Georgia (BC, Canada): A sediment trap study. <i>Marine Micropaleontology</i> , 2010, 75, 17-37.	1.2	88
112	When noise becomes the signal: Chemical contamination of aquatic ecosystems under a changing climate. <i>Marine Pollution Bulletin</i> , 2010, 60, 1633-1635.	5.0	22
113	The carbon budget of the northern cryosphere region. <i>Current Opinion in Environmental Sustainability</i> , 2010, 2, 231-236.	6.3	61
114	Preface: Special Section on Canadian Ocean Studies Conducted During International Polar Year. <i>Atmosphere - Ocean</i> , 2010, 48, 1-2.	1.6	0
115	Coupling Laser Ablation and Atomic Fluorescence Spectrophotometry: An Example Using Mercury Analysis of Small Sections of Fish Scales. <i>Analytical Chemistry</i> , 2010, 82, 8785-8788.	6.5	20
116	Natural and Anthropogenic Mercury Distribution in Marine Sediments from Hudson Bay, Canada. <i>Environmental Science & Technology</i> , 2010, 44, 5805-5811.	10.0	43
117	Biogeochemical Controls on PCB Deposition in Hudson Bay. <i>Environmental Science & Technology</i> , 2010, 44, 3280-3285.	10.0	36
118	$\hat{1}\pm$ - and $\hat{1}^3$ -Hexachlorocyclohexane Measurements in the Brine Fraction of Sea Ice in the Canadian High Arctic Using a Sump-Hole Technique. <i>Environmental Science & Technology</i> , 2010, 44, 9258-9264.	10.0	28
119	Elemental and stable isotopic constraints on river influence and patterns of nitrogen cycling and biological productivity in Hudson Bay. <i>Continental Shelf Research</i> , 2010, 30, 163-176.	1.8	50
120	Effects of future climate change on primary productivity and export fluxes in the Beaufort Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	50
121	Increasing Contaminant Burdens in an Arctic Fish, Burbot (<i>Lota lota</i>), in a Warming Climate. <i>Environmental Science & Technology</i> , 2010, 44, 316-322.	10.0	127
122	Seabird-driven shifts in Arctic pond ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 591-596.	2.6	102
123	Historical analysis of salmon-derived polychlorinated biphenyls (PCBs) in lake sediments. <i>Science of the Total Environment</i> , 2009, 407, 1977-1989.	8.0	10
124	Natural rates of sediment containment of PAH, PCB and metal inventories in Sydney Harbour, Nova Scotia. <i>Science of the Total Environment</i> , 2009, 407, 4858-4869.	8.0	39
125	Large and growing environmental reservoirs of Deca-BDE present an emerging health risk for fish and marine mammals. <i>Marine Pollution Bulletin</i> , 2009, 58, 7-10.	5.0	157
126	Primary productivity and export fluxes on the Canadian shelf of the Beaufort Sea: A modelling study. <i>Journal of Marine Systems</i> , 2009, 75, 17-32.	2.1	64

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127	Trace element and molecular markers of organic carbon dynamics along a shelfâ€“basin continuum in sediments of the western Arctic Ocean. <i>Marine Chemistry</i> , 2009, 115, 72-85.	2.3	24
128	Towards a sediment and organic carbon budget for Hudson Bay. <i>Marine Geology</i> , 2009, 264, 190-208.	2.1	39
129	High arctic ponds receiving biotransported nutrients from a nearby seabird colony are also subject to potentially toxic loadings of arsenic, cadmium, and zinc. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2426-2433.	4.3	67
130	Mercury in the Arctic: Are We Overlooking the Ocean. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 178.	2.9	0
131	Accelerated delivery of polychlorinated biphenyls (PCBs) in recent sediments near a large seabird colony in Arctic Canada. <i>Environmental Pollution</i> , 2009, 157, 2769-2775.	7.5	26
132	Coastal conduit in southwestern Hudson Bay (Canada) in summer: Rapid transit of freshwater and significant loss of colored dissolved organic matter. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	39
133	Sensitivity of the carbon cycle in the Arctic to climate change. <i>Ecological Monographs</i> , 2009, 79, 523-555.	5.4	814
134	Glacial to postglacial transformation of organic input pathways in Arctic Ocean basins. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	4.9	7
135	The Use of Stable Oxygen Isotope ($\delta^{18}O$) Composition in Sockeye Salmon Body Fluid to Determine whether a Fish Has Been Caught in Freshwater. <i>North American Journal of Fisheries Management</i> , 2009, 29, 560-569.	1.0	2
136	Effects of local and global change on an inland sea: the Strait of Georgia, British Columbia, Canada. <i>Climate Research</i> , 2009, 40, 1-21.	1.1	52
137	Sources, pathways and sinks of particulate organic matter in Hudson Bay: Evidence from lignin distributions. <i>Marine Chemistry</i> , 2008, 112, 215-229.	2.3	64
138	Sea ice, hydrological, and biological processes in the Churchill River estuary region, Hudson Bay. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 369-384.	2.1	39
139	Contemporary and preindustrial mass budgets of mercury in the Hudson Bay Marine System: The role of sediment recycling. <i>Science of the Total Environment</i> , 2008, 406, 190-204.	8.0	37
140	Sewage treatment wasted â€“ The Victoria (BC, Canada) example. <i>Marine Pollution Bulletin</i> , 2008, 56, 1815-1816.	5.0	4
141	The overlooked role of the ocean in mercury cycling in the Arctic. <i>Marine Pollution Bulletin</i> , 2008, 56, 1963-1965.	5.0	13
142	A mass balance inventory of mercury in the Arctic Ocean. <i>Environmental Chemistry</i> , 2008, 5, 89.	1.5	154
143	Joined by geochemistry, divided by history: PCBs and PBDEs in Strait of Georgia sediments. <i>Marine Environmental Research</i> , 2008, 66, S112-S120.	2.5	56
144	Water column organic carbon in a Pacific marginal sea (Strait of Georgia, Canada). <i>Marine Environmental Research</i> , 2008, 66, S49-S61.	2.5	14

#	ARTICLE	IF	CITATIONS
145	Sediment redox tracers in Strait of Georgia sediments – Can they inform us of the loadings of organic carbon from municipal wastewater?. <i>Marine Environmental Research</i> , 2008, 66, S87-S100.	2.5	30
146	Axinopsida serricata shell encrustation: A potential indicator of organic enrichment conditions in sediments in the southern Strait of Georgia, British Columbia, Canada. <i>Marine Environmental Research</i> , 2008, 66, S101-S111.	2.5	8
147	Responses of subtidal benthos of the Strait of Georgia, British Columbia, Canada to ambient sediment conditions and natural and anthropogenic depositions. <i>Marine Environmental Research</i> , 2008, 66, S62-S79.	2.5	27
148	Biogeochemical cycling in the Strait of Georgia. <i>Marine Environmental Research</i> , 2008, 66, S1-S2.	2.5	5
149	Chemical–environment interactions affecting the risk of impacts on aquatic organisms: A review with a Canadian perspective – interactions affecting exposure. <i>Environmental Reviews</i> , 2008, 16, 1-17.	4.5	19
150	Chemical–environment interactions affecting the risk of impacts on aquatic organisms: A review with a Canadian perspective – interactions affecting vulnerability. <i>Environmental Reviews</i> , 2008, 16, 19-44.	4.5	38
151	Distribution, characteristics and potential impacts of chromophoric dissolved organic matter (CDOM) in Hudson Strait and Hudson Bay, Canada. <i>Continental Shelf Research</i> , 2007, 27, 2032-2050.	1.8	113
152	Hexachlorocyclohexanes in the Canadian Archipelago. 1. Spatial Distribution and Pathways of $\hat{1}\pm$, $\hat{1}^2$ -, and $\hat{1}^3$ -HCHs in Surface Water. <i>Environmental Science & Technology</i> , 2007, 41, 2688-2695.	10.0	45
153	Killer Whales (<i>Orcinus orca</i>) Face Protracted Health Risks Associated with Lifetime Exposure to PCBs. <i>Environmental Science & Technology</i> , 2007, 41, 6613-6619.	10.0	101
154	Mobilization pathways of organic carbon from permafrost to arctic rivers in a changing climate. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	222
155	Biologically Mediated Transport of Contaminants to Aquatic Systems. <i>Environmental Science & Technology</i> , 2007, 41, 1075-1084.	10.0	214
156	Constraints on the origin of sedimentary organic carbon in the Beaufort Sea from coupled molecular ^{13}C and ^{14}C measurements. <i>Marine Chemistry</i> , 2007, 103, 146-162.	2.3	186
157	Interactions between climate change and contaminants. <i>Marine Pollution Bulletin</i> , 2007, 54, 1845-1856.	5.0	336
158	The delivery of mercury to the Beaufort Sea of the Arctic Ocean by the Mackenzie River. <i>Science of the Total Environment</i> , 2007, 373, 178-195.	8.0	117
159	Tracing salmon-derived nutrients and contaminants in freshwater food webs across a pronounced spawner density gradient. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1100-1108.	4.3	35
160	Source and transport of terrigenous organic matter in the upper Yukon River: Evidence from isotope (^{13}C , ^{14}C , and ^{15}N) composition of dissolved, colloidal, and particulate phases. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a.	4.9	244
161	Distribution and Cycling of Suspended Particles Inferred from Transmissivity in the Strait of Georgia, Haro Strait and Juan de Fuca Strait. <i>Atmosphere - Ocean</i> , 2006, 44, 17-27.	1.6	39
162	Particle fluxes and geochemistry on the Canadian Beaufort Shelf: Implications for sediment transport and deposition. <i>Continental Shelf Research</i> , 2006, 26, 41-81.	1.8	169

#	ARTICLE	IF	CITATIONS
163	Joint effects of wind and ice motion in forcing upwelling in Mackenzie Trough, Beaufort Sea. <i>Continental Shelf Research</i> , 2006, 26, 2352-2366.	1.8	85
164	Climate variability and physical forcing of the food webs and the carbon budget on panarctic shelves. <i>Progress in Oceanography</i> , 2006, 71, 145-181.	3.2	220
165	Effects of Ultraviolet Radiation and Contaminant-related Stressors on Arctic Freshwater Ecosystems. <i>Ambio</i> , 2006, 35, 388-401.	5.5	22
166	The supply and preservation of ancient and modern components of organic carbon in the Canadian Beaufort Shelf of the Arctic Ocean. <i>Marine Chemistry</i> , 2005, 93, 53-73.	2.3	253
167	Seasonal and spatial variations in the source and transport of sinking particles in the Strait of Georgia, British Columbia, Canada. <i>Marine Geology</i> , 2005, 216, 59-77.	2.1	52
168	Sources, occurrence, trends and pathways of contaminants in the arctic physical environment: introduction to the special issue. <i>Science of the Total Environment</i> , 2005, 342, 1-4.	8.0	3
169	Sources and pathways of selected organochlorine pesticides to the Arctic and the effect of pathway divergence on HCH trends in biota: a review. <i>Science of the Total Environment</i> , 2005, 342, 87-106.	8.0	376
170	Mercury in the Arctic atmosphere: An analysis of eight years of measurements of GEM at Alert (Canada) and a comparison with observations at Amderma (Russia) and Kuujjuarapik (Canada). <i>Science of the Total Environment</i> , 2005, 342, 185-198.	8.0	123
171	Recent climate change in the Arctic and its impact on contaminant pathways and interpretation of temporal trend data. <i>Science of the Total Environment</i> , 2005, 342, 5-86.	8.0	591
172	Climate Change, Risks and Contaminants: A Perspective from Studying the Arctic. <i>Human and Ecological Risk Assessment (HERA)</i> , 2005, 11, 1099-1104.	3.4	24
173	Concentrations and Fluxes of Salmon-Derived Polychlorinated Biphenyls (PCBs) in Lake Sediments. <i>Environmental Science & Technology</i> , 2005, 39, 7020-7026.	10.0	32
174	Persistent Organic Pollutants in British Columbia Grizzly Bears: A Consequence of Divergent Diets. <i>Environmental Science & Technology</i> , 2005, 39, 6952-6960.	10.0	121
175	Trifluoroacetate Profiles in the Arctic, Atlantic, and Pacific Oceans. <i>Environmental Science & Technology</i> , 2005, 39, 6555-6560.	10.0	62
176	Biogeographic Provinces of Total and Methyl Mercury in Zooplankton and Fish from the Beaufort and Chukchi Seas: A Results from the SHEBA Drift. <i>Environmental Science & Technology</i> , 2005, 39, 4707-4713.	10.0	48
177	Historical Trends in Mercury Sedimentation and Mixing in the Strait of Georgia, Canada. <i>Environmental Science & Technology</i> , 2005, 39, 4361-4368.	10.0	45
178	Tracing the inputs and fate of marine and terrigenous organic matter in Arctic Ocean sediments: A multivariate analysis of lipid biomarkers. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005, 52, 3478-3508.	1.4	105
179	Historical $\hat{\pm}$ -HCH budget in the Arctic Ocean: the Arctic Mass Balance Box Model (AMBBM). <i>Science of the Total Environment</i> , 2004, 324, 115-139.	8.0	53
180	The Historical Record of Metals in Sediments from Six Lakes in the Fraser River Basin, British Columbia. <i>Water, Air, and Soil Pollution</i> , 2004, 152, 257-278.	2.4	21

#	ARTICLE	IF	CITATIONS
181	A Review of Marine Environmental Contaminant Issues in the North Pacific: The Dangers and How to Identify Them. <i>ChemInform</i> , 2004, 35, no.	0.0	0
182	The role of depositional regime on carbon transport and preservation in Arctic Ocean sediments. <i>Marine Chemistry</i> , 2004, 86, 65-88.	2.3	72
183	The joint roles of Pacific and Atlantic-origin waters in the Canada Basin, 1997-1998. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 107-128.	1.4	143
184	Phytoplankton productivity on the Canadian Shelf of the Beaufort Sea. <i>Marine Ecology - Progress Series</i> , 2004, 277, 37-50.	1.9	243
185	A sediment and organic carbon budget for the greater Strait of Georgia. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 56, 845-860.	2.1	85
186	Delivery of pollutants by spawning salmon. <i>Nature</i> , 2003, 425, 255-256.	27.8	122
187	How Will Global Climate Change Affect Risks from Long-Range Transport of Persistent Organic Pollutants?. <i>Human and Ecological Risk Assessment (HERA)</i> , 2003, 9, 643-660.	3.4	104
188	Alkane and PAH depositional history, sources and fluxes in sediments from the Fraser River Basin and Strait of Georgia, Canada. <i>Organic Geochemistry</i> , 2003, 34, 1429-1454.	1.8	176
189	Petroleum biomarker sources in suspended particulate matter and sediments from the Fraser River Basin and Strait of Georgia, Canada. <i>Organic Geochemistry</i> , 2003, 34, 1525-1541.	1.8	48
190	Shelf-basin interactions in the Arctic Ocean based on ²¹⁰ Pb and Ra isotope tracer distributions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 397-416.	1.4	56
191	A review of marine environmental contaminant issues in the North Pacific: The dangers and how to identify them. <i>Environmental Reviews</i> , 2003, 11, 103-139.	4.5	9
192	Sources and transport of organic carbon to shelf, slope, and basin surface sediments of the Arctic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 1463-1483.	1.4	73
193	Fresh water and its sources during the SHEBA drift in the Canada Basin of the Arctic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 1769-1785.	1.4	126
194	PAHs in the Fraser River basin: a critical appraisal of PAH ratios as indicators of PAH source and composition. <i>Organic Geochemistry</i> , 2002, 33, 489-515.	1.8	3,412
195	The transport of ¹²⁵ I-hexachlorocyclohexane to the western Arctic Ocean: a contrast to ¹²⁵ I-HCH. <i>Science of the Total Environment</i> , 2002, 291, 229-246.	8.0	138
196	Design and implementation of a program to monitor ocean health. <i>Ocean and Coastal Management</i> , 2002, 45, 325-355.	4.4	9
197	Sources and Significance of Alkane and PAH Hydrocarbons in Canadian Arctic Rivers. <i>Estuarine, Coastal and Shelf Science</i> , 2002, 55, 1-31.	2.1	190
198	Oceanography of the Canadian Shelf of the Beaufort Sea: A Setting for Marine Life. <i>Arctic</i> , 2002, 55, .	0.4	217

#	ARTICLE	IF	CITATIONS
199	Recent change in organic carbon flux to Arctic Ocean deep basins: Evidence from acid volatile sulfide, manganese and rhenium discord in sediments. <i>Geophysical Research Letters</i> , 2001, 28, 1743-1746.	4.0	50
200	Atlantic Water Flow Pathways Revealed by Lead Contamination in Arctic Basin Sediments. <i>Science</i> , 2001, 293, 1301-1304.	12.6	67
201	The Arctic Ocean and Contaminants: Pathways That Lead to Us. , 2001, , 135-149.		2
202	Distribution and sources of organic biomarkers in arctic sediments from the Mackenzie River and Beaufort Shelf. <i>Marine Chemistry</i> , 2000, 71, 23-51.	2.3	256
203	Organic carbon isotope ratios ($\delta^{13}C$) of Arctic Amerasian Continental shelf sediments. <i>International Journal of Earth Sciences</i> , 2000, 89, 522-532.	1.8	176
204	Punctuated recovery of sediments and benthic infauna: a 19-year study of tailings deposition in a British Columbia fjord. <i>Marine Environmental Research</i> , 2000, 49, 145-175.	2.5	36
205	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.	8.0	600
206	Tests of the fidelity of lake sediment core records of mercury deposition to known histories of mercury contamination. <i>Science of the Total Environment</i> , 2000, 260, 171-180.	8.0	91
207	Microbial degradation is a key elimination pathway of hexachlorocyclohexanes from the Arctic Ocean. <i>Geophysical Research Letters</i> , 2000, 27, 1155-1158.	4.0	36
208	Exploring continental margin carbon fluxes on a global scale. <i>Eos</i> , 2000, 81, 641-644.	0.1	103
209	Using the composition in landfast ice as a record of arctic estuarine processes. <i>Marine Chemistry</i> , 1999, 65, 3-24.	2.3	39
210	Quantitative determination of nonylphenol polyethoxylate surfactants in marine sediment using normal-phase liquid chromatography-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 1999, 849, 467-482.	3.7	119
211	Differentiation of polychlorinated dibenzo-p-dioxin and dibenzofuran sources in coastal British Columbia, Canada. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1097-1108.	4.3	30
212	Natural and anthropogenic inputs of hydrocarbons to the Strait of Georgia. <i>Science of the Total Environment</i> , 1999, 225, 181-209.	8.0	164
213	Mercury Profiles in Sediments of the Arctic Ocean Basins. <i>Environmental Science & Technology</i> , 1999, 33, 4194-4198.	10.0	119
214	Persistence of Nonylphenol Ethoxylate Surfactants and Their Primary Degradation Products in Sediments from near a Municipal Outfall in the Strait of Georgia, British Columbia, Canada. <i>Environmental Science & Technology</i> , 1999, 33, 1366-1372.	10.0	176
215	DIFFERENTIATION OF POLYCHLORINATED DIBENZO-p-DIOXIN AND DIBENZOFURAN SOURCES IN COASTAL BRITISH COLUMBIA, CANADA. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1097.	4.3	3
216	A sediment and organic carbon budget for the Canadian Beaufort Shelf. <i>Marine Geology</i> , 1998, 144, 255-273.	2.1	263

#	ARTICLE	IF	CITATIONS
217	Historical Inputs of PCDDs, PCDFs, and PCBs to a British Columbia Interior Lake: The Effect of Environmental Controls on Pulp Mill Emissions. <i>Environmental Science & Technology</i> , 1998, 32, 331-337.	10.0	66
218	Waters of the Makarov and Canada basins. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 1503-1529.	1.4	199
219	Changes in temperature and tracer distributions within the Arctic Ocean: results from the 1994 Arctic Ocean section. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 1487-1502.	1.4	177
220	Diagenetic separation of cadmium and manganese in suboxic continental margin sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4647-4654.	3.9	124
221	Polycyclic Aromatic Hydrocarbon Composition and Potential Sources for Sediment Samples from the Beaufort and Barents Seas. <i>Environmental Science & Technology</i> , 1996, 30, 1310-1320.	10.0	231
222	Transport and fate of mine tailings in a coastal fjord of British Columbia as inferred from the sediment record. <i>Science of the Total Environment</i> , 1996, 191, 77-94.	8.0	18
223	Physical and geochemical properties across the Atlantic/Pacific water mass front in the southern Canadian Basin. <i>Journal of Geophysical Research</i> , 1996, 101, 1183-1197.	3.3	229
224	Terrestrial and marine biomarkers in a seasonally ice-covered Arctic estuary – integration of multivariate and biomarker approaches. <i>Marine Chemistry</i> , 1995, 49, 1-50.	2.3	237
225	Sources and Burden of Lead in St. Lawrence Estuary Sediments: Isotopic Evidence. <i>Environmental Science & Technology</i> , 1995, 29, 193-201.	10.0	79
226	The freshwater budget and under-ice spreading of Mackenzie River water in the Canadian Beaufort Sea based on salinity and $^{18}O/^{16}O$ measurements in water and ice. <i>Journal of Geophysical Research</i> , 1995, 100, 895.	3.3	195
227	Evidence for warming of Atlantic water in the Southern Canadian Basin of the Arctic Ocean: Results from the Larsen-93 Expedition. <i>Geophysical Research Letters</i> , 1995, 22, 1061-1064.	4.0	209
228	Composition and Origins of Polycyclic Aromatic Hydrocarbons in the Mackenzie River and on the Beaufort Sea Shelf. <i>Arctic</i> , 1995, 48, .	0.4	132
229	Modeling the seasonal cycle of salinity in the Mackenzie shelf/estuary. <i>Journal of Geophysical Research</i> , 1994, 99, 10011.	3.3	27
230	Phase associations and lipid distributions in the seasonally ice-covered Arctic estuary of the Mackenzie Shelf. <i>Organic Geochemistry</i> , 1994, 22, 651-669.	1.8	27
231	Alkane, terpene and polycyclic aromatic hydrocarbon geochemistry of the Mackenzie River and Mackenzie shelf: Riverine contributions to Beaufort Sea coastal sediment. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3041-3061.	3.9	165
232	A history of octachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran, and 3,3',4,4'-tetrachlorobiphenyl contamination in Howe Sound, British Columbia. <i>Environmental Science & Technology</i> , 1992, 26, 1544-1550.	10.0	55
233	Chemical interactions and sediments of the western Canadian arctic shelf. <i>Continental Shelf Research</i> , 1991, 11, 843-863.	1.8	38
234	Geochemistry of sediments of the western Canadian continental shelf. <i>Continental Shelf Research</i> , 1991, 11, 717-735.	1.8	17

#	ARTICLE	IF	CITATIONS
235	The role of large-scale under-ice topography in separating estuary and ocean on an arctic shelf. <i>Atmosphere - Ocean</i> , 1991, 29, 37-53.	1.6	64
236	On the distribution of dissolved hydrocarbons in natural water. <i>Organic Geochemistry</i> , 1991, 17, 301-307.	1.8	15
237	Geochemistry and fluxes of hydrocarbons to the Beaufort Sea shelf: A multivariate comparison of fluvial inputs and coastal erosion of peat using principal components analysis. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 255-273.	3.9	60
238	Accumulation of heavy metals (Pb, Zn, Cu, Cd), carbon and nitrogen in sediments from Strait of Georgia, B.C., Canada. <i>Marine Chemistry</i> , 1991, 34, 109-135.	2.3	57
239	Organic carbon and colloids in the Mackenzie River and Beaufort Sea. <i>Marine Chemistry</i> , 1989, 26, 371-378.	2.3	49
240	On the natural enrichment of cadmium and molybdenum in the sediments of ucluelet inlet, British Columbia. <i>Science of the Total Environment</i> , 1989, 79, 125-139.	8.0	40
241	Measurement of natural trace dissolved hydrocarbons by in situ column extraction. An intercomparison of two adsorption resins. <i>Analytical Chemistry</i> , 1989, 61, 1333-1343.	6.5	27
242	The distribution of nutrients in the southeastern Beaufort Sea: Implications for water circulation and primary production. <i>Journal of Geophysical Research</i> , 1987, 92, 2939-2952.	3.3	108
243	The storage of reactive silicate samples by freezing. <i>Limnology and Oceanography</i> , 1986, 31, 1139-1142.	3.1	48
244	Extending the use of certified reference sediments for assessment of accuracy in determinations of trace metals. <i>Analytica Chimica Acta</i> , 1985, 177, 81-91.	5.4	8
245	Effect of wood waste dumping on organic matter in seawater and surficial sediments of Alberni Inlet, British Columbia. <i>Journal of the Oceanographical Society of Japan</i> , 1984, 40, 213-220.	0.3	4
246	The effect of storage by freezing on dissolved inorganic phosphate, nitrate and reactive silicate for samples from coastal and estuarine waters. <i>Water Research</i> , 1982, 16, 95-104.	11.3	46
247	An examination of metal inputs to the southern Beaufort Sea by disposal of waste barite in drilling fluid. <i>Ocean Management</i> , 1982, 8, 29-49.	0.1	7
248	Value of an ecosystem. <i>Marine Pollution Bulletin</i> , 1981, 12, 176-177.	5.0	0
249	The interaction of chlorine and seawater, with special reference to the four liquid chlorine tank cars lost in British Columbia coastal waters. <i>Journal of Hazardous Materials</i> , 1977, 2, 51-75.	12.4	3
250	Distribution of low-molecular-weight hydrocarbons in Southern Beaufort Sea. <i>Environmental Science & Technology</i> , 1976, 10, 1241-1246.	10.0	24
251	The Effect of Pressure on the Solubility of CaCO ₃ , CaF ₂ , and SrSO ₄ in Water. <i>Canadian Journal of Chemistry</i> , 1974, 52, 3181-3186.	1.1	36
252	The Mackenzie Estuary of the Arctic Ocean. , 0, , 91-120.		35