Hing Man Chan

List of Publications by Year
in descending order

177 papers	7,449 citations	81434 41 h-index	78623 77 g-index
180 all docs	180 docs citations	180 times ranked	9575 citing authors

#	Article	IF	Citations
1	Mercury as a Global Pollutant: Sources, Pathways, and Effects. Environmental Science & Technology, 2013, 47, 4967-4983.	4.6	1,729
2	Current progress on understanding the impact of mercury on human health. Environmental Research, 2017, 152, 419-433.	3.7	305
3	Mink as a sentinel species in environmental health. Environmental Research, 2007, 103, 130-144.	3.7	167
4	Comparison on gestation and lactation exposure of perfluorinated compounds for newborns. Environment International, 2011, 37, 1206-1212.	4.8	143
5	Food security in Nunavut, Canada: barriers and recommendations.. International Journal of Circumpolar Health, 2006, 65, 416-431.	0.5	141
6	Integrated Assessment of Artisanal and Small-Scale Gold Mining in Ghanaâ€"Part 1: Human Health Review. International Journal of Environmental Research and Public Health, 2015, 12, 5143-5176.	1.2	115
7	Protective roles of metallothionein and glutathione in hepatotoxicity of cadmium. Toxicology, 1992, 72, 281-290.	2.0	110
8	Effects of Mercury on Neurochemical Receptors in Wild River Otters (Lontra canadensis). Environmental Science & Technology, 2005, 39, 3585-3591.	4.6	104
9	Adapting to the Impacts of Climate Change on Food Security among Inuit in the Western Canadian Arctic. EcoHealth, 2010, 7, 361-373.	0.9	100
10	New Insights into Traditional Health Risk Assessments of Mercury Exposure: Implications of Selenium. Environmental Science & Technology, 2014, 48, 1206-1212.	4.6	100
11	Mercury Exposure, Blood Pressure, and Hypertension: A Systematic Review and Doseâ€"response Meta-analysis. Environmental Health Perspectives, 2018, 126, 076002.	2.8	96
12	Fish Consumption, Mercury Exposure, and Heart Diseases. Nutrition Reviews, 2004, 62, 68-72.	2.6	93
13	New Evidence on Variations of Human Body Burden of Methylmercury from Fish Consumption. Environmental Health Perspectives, 2006, 114, 302-306.	2.8	91
14	Estimated dietary exposure to fluorinated compounds from traditional foods among Inuit in Nunavut, Canada. Chemosphere, 2009, 75, 1165-1172.	4.2	82
15	Acrylamide-induced neurotoxicity in primary astrocytes and microglia: Roles of the Nrf2-ARE and NF-Î¹B pathways. Food and Chemical Toxicology, 2017, 106, 25-35.	1.8	82
16	Elevated Exposures to Polycyclic Aromatic Hydrocarbons and Other Organic Mutagens in Ottawa Firefighters Participating in Emergency, On-Shift Fire Suppression. Environmental Science & Technology, 2017, 51, 12745-12755.	4.6	80
17	Mercury exposure, cardiovascular disease, and mortality: A systematic review and dose-response meta-analysis. Environmental Research, 2021, 193, 110538.	3.7	79
18	Direct detection of mercury in single human hair strands by laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS). Journal of Analytical Atomic Spectrometry, 2004, 19, 1287.	1.6	72

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19	EFFECTS OF MERCURY ON NEUROCHEMICAL RECEPTOR-BINDING CHARACTERISTICS IN WILD MINK. Environmental Toxicology and Chemistry, 2005, 24, 1444.	2.2	71
20	Bioconcentration and Metabolic Effects of Emerging PFOS Alternatives in Developing Zebrafish. Environmental Science & Technology, 2019, 53, 13427-13439.	4.6	70
21	Consumption of Freshwater Fish in Kahnawake: Risks and Benefits. Environmental Research, 1999, 80, S213-S222.	3.7	69
22	Quantifying associations of the dietary share of ultra-processed foods with overall diet quality in First Nations peoples in the Canadian provinces of British Columbia, Alberta, Manitoba and Ontario. Public Health Nutrition, 2018, 21, 103-113.	1.1	68
23	Concentrating PUFA from mackerel processing waste. JAOCS, Journal of the American Oil Chemists' Society, 2003, 80, 933-936.	0.8	67
24	Dietary Advice on Inuit Traditional Food Use Needs to Balance Benefits and Risks of Mercury, Selenium, and n3 Fatty Acids. Journal of Nutrition, 2013, 143, 923-930.	1.3	67
25	Fish intake and serum fatty acid profiles from freshwater fish. American Journal of Clinical Nutrition, 2006, 84, 1299-1307.	2.2	66
26	Selenomethionine Protects against Neuronal Degeneration by Methylmercury in the Developing Rat Cerebrum. Environmental Science & Technology, 2013, 47, 2862-2868.	4.6	64
27	Relative developmental toxicity of short-chain chlorinated paraffins in Zebrafish (Danio rerio) embryos. Environmental Pollution, 2016, 219, 1122-1130.	3.7	62
28	Bioaccessibility of mercury from traditional northern country foods measured using an in vitro gastrointestinal model is independent of mercury concentration. Science of the Total Environment, 2009, 407, 6003-6008.	3.9	57
29	High selenium exposure lowers the odds ratios for hypertension, stroke, and myocardial infarction associated with mercury exposure among Inuit in Canada. Environment International, 2017, 102, 200-206.	4.8	57
30	Body burden of metals and persistent organic pollutants among Inuit in the Canadian Arctic. Environment International, 2013, 59, 33-40.	4.8	55
31	Chronic Exposure to PCBs (Aroclor 1254) Exacerbates Obesity-Induced Insulin Resistance and Hyperinsulinemia in Mice. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 701-715.	1.1	55
32	Human inorganic mercury exposure, renal effects and possible pathways in Wanshan mercury mining area, China. Environmental Research, 2015, 140, 198-204.	3.7	55
33	Impacts of decline harvest of country food on nutrient intake among Inuit in Arctic Canada: impact of climate change and possible adaptation plan. International Journal of Circumpolar Health, 2016, 75, 31127.	0.5	54
34	Bioaccessibility of metals in fish, shellfish, wild game, and seaweed harvested in British Columbia, Canada. Food and Chemical Toxicology, 2013, 58, 381-387.	1.8	52
35	Polycyclic aromatic hydrocarbon (PAH) and metal contamination of air and surfaces exposed to combustion emissions during emergency fire suppression: Implications for firefighters' exposures. Science of the Total Environment, 2020, 698, 134211.	3.9	52
36	Association between fish consumption, dietary omega-3 fatty acids and persistent organic pollutants intake, and type 2 diabetes in 18 First Nations in Ontario, Canada. Environmental Research, 2017, 156, 725-737.	3.7	50

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37	Assessment of neurotoxic effects of mercury in beluga whales (Delphinapterus leucas), ringed seals (Pusa hispida), and polar bears (Ursus maritimus) from the Canadian Arctic. Science of the Total Environment, 2015, 509-510, 237-247.	3.9	48
38	Exogenous metallothionein and renal toxicity of cadmium and mercury in rats. Toxicology, 1992, 76, 15-26.	2.0	46
39	Effects of prenatal methylmercury exposure on brain monoamine oxidase activity and neurobehaviour of rats. Neurotoxicology and Teratology, 2006, 28, 251-259.	1.2	46
40	Role of N-methyl-D-aspartate receptors in polychlorinated biphenyl mediated neurotoxicity. Toxicology Letters, 2009, 184, 50-55.	0.4	44
41	Placental transfer and levels of mercury, selenium, vitamin E, and docosahexaenoic acid in maternal and umbilical cord blood. Environment International, 2018, 111, 309-315.	4.8	44
42	Mercury in the traditional diet of indigenous peoples in Canada. Environmental Pollution, 2000, 110, 1-2.	3.7	43
43	Mercury exposure in two coastal communities of the Bay of Fundy, Canada. Environmental Research, 2005, 98, 14-21.	3.7	43
44	Persistent organic pollutants and diabetes among Inuit in the Canadian Arctic. Environment International, 2017, 101, 183-189.	4.8	43
45	Organochlorines in Hong Kong Fish. Marine Pollution Bulletin, 1999, 39, 346-351.	2.3	42
46	Temporal and spatial trends of mercury in fish collected in the Englishâ€“Wabigoon river system in Ontario, Canadaâ˜†. Science of the Total Environment, 2007, 372, 615-623.	3.9	42
47	Importance of traditional foods for the food security of two First Nations communities in the Yukon, Canada. International Journal of Circumpolar Health, 2011, 70, 286-300.	0.5	42
48	Characterization of demethylation of methylmercury in cultured astrocytes. Chemosphere, 2008, 74, 112-118.	4.2	41
49	Dietary sources of energy and nutrients in the contemporary diet of Inuit adults: results from the 2007â€“08 Inuit Health Survey. Public Health Nutrition, 2018, 21, 1319-1331.	1.1	41
50	Biomonitoring of Mercury Exposure with Single Human Hair Strand. Environmental Science & Technology, 2005, 39, 4594-4598.	4.6	39
51	Effect of acrylamide-induced neurotoxicity in a primary astrocytes/microglial co-culture model. Toxicology in Vitro, 2017, 39, 119-125.	1.1	39
52	The accumulation of dissolved zinc by the shore crabCarcinus Maenas(L.). Ophelia, 1993, 38, 13-30.	0.3	38
53	Polycyclic aromatic hydrocarbons (PAHs) in traditionally harvested bivalves in northern British Columbia, Canada. Marine Pollution Bulletin, 2017, 121, 390-399.	2.3	38
54	Mass spectrometry-based untargeted metabolomics approach for differentiation of beef of different geographic origins. Food Chemistry, 2021, 338, 127847.	4.2	37

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55	The Influence of Nutrition on Methyl Mercury Intoxication. Environmental Health Perspectives, 2000, 108, 29.	2.8	36
56	Modulating effects of dietary fats on methylmercury toxicity and distribution in rats. Toxicology, 2007, 230, 22-44.	2.0	36
57	Occurrence, sources and human exposure assessment of SCCPs in indoor dust of northeast China. Environmental Pollution, 2017, 225, 232-243.	3.7	36
58	Analysis of metallothioneins by means of capillary electrophoresis coupled to electrospray mass spectrometry with sheathless interfacing. , 1999, 13, 500-507.		35
59	Risk assessment of dietary lead exposure among First Nations people living on-reserve in Ontario, Canada using a total diet study and a probabilistic approach. Journal of Hazardous Materials, 2018, 344, 55-63.	6.5	35
60	Neurotoxicity of alkylated polycyclic aromatic compounds in human neuroblastoma cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 285-300.	1.1	33
61	Biochemical Markers of Neurotoxicity in Wildlife and Human Populations: Considerations for Method Development. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 1413-1429.	1.1	32
62	Quantification of metallothionein isoforms using an enzyme-linked immunosorbent assay (ELISA) with two specific antisera. Toxicology and Applied Pharmacology, 1992, 116, 267-270.	1.3	31
63	Ontogenic changes in hepatic metallothionein isoforms in prenatal and newborn rats. Biochemistry and Cell Biology, 1993, 71, 133-140.	0.9	31
64	Methylmercury increases N-methyl-d-aspartate receptors on human SH-SY 5Y neuroblastoma cells leading to neurotoxicity. Toxicology, 2008, 249, 251-255.	2.0	29
65	Mercury speciation in brain tissue of polar bears (Ursus maritimus) from the Canadian Arctic. Environmental Research, 2012, 114, 24-30.	3.7	28
66	Identification of environmental sources of lead exposure in Nunavut (Canada) using stable isotope analyses. Environment International, 2014, 71, 63-73.	4.8	28
67	Methylmercury can induce Parkinsonâ€™s-like neurotoxicity similar to 1-methyl-4- phenylpyridinium: a genomic and proteomic analysis on MN9D dopaminergic neuron cells. Journal of Toxicological Sciences, 2015, 40, 817-828.	0.7	28
68	Using expert informed GIS to locate important marine social-ecological hotspots. Journal of Environmental Management, 2015, 160, 342-352.	3.8	28
69	Determination of toxaphene in biological samples using high resolution GC coupled with ion trap MS/MS. Chemosphere, 1998, 36, 2135-2148.	4.2	27
70	Effects of methylmercury on the secretion of pro-inflammatory cytokines from primary microglial cells and astrocytes. NeuroToxicology, 2012, 33, 229-234.	1.4	27
71	Mercury distribution and speciation in different brain regions of beluga whales (Delphinapterus) Tj ETQq1 1 0.784314 rgBT /Overlock	3.9	27
72	Relative developmental toxicities of pentachloroanisole and pentachlorophenol in a zebrafish model (Danio rerio). Ecotoxicology and Environmental Safety, 2015, 112, 7-14.	2.9	27

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73	Dietary and blood selenium are inversely associated with the prevalence of stroke among Inuit in Canada. Journal of Trace Elements in Medicine and Biology, 2017, 44, 322-330.	1.5	27
74	A database for environmental contaminants in traditional foods in northern and arctic Canada: Development and applications. Food Additives and Contaminants, 1998, 15, 127-134.	2.0	26
75	Mercury diminishes the cardiovascular protective effect of omega-3 polyunsaturated fatty acids in the modern diet of Inuit in Canada. Environmental Research, 2017, 152, 470-477.	3.7	26
76	Caribou (Rangifer tarandus) and Inuit Nutrition Security in Canada. EcoHealth, 2018, 15, 590-607.	0.9	26
77	Importance of the traditional food systems for First Nations adults living on reserves in Canada. Canadian Journal of Public Health, 2021, 112, 20-28.	1.1	26
78	Assessing determinants of maternal blood concentrations for persistent organic pollutants and metals in the eastern and western Canadian Arctic. Science of the Total Environment, 2015, 527-528, 150-158.	3.9	25
79	Mercury bioaccumulation and its toxic effects in rats fed with methylmercury polluted rice. Science of the Total Environment, 2018, 633, 93-99.	3.9	25
80	Potential impacts of climate-related decline of seafood harvest on nutritional status of coastal First Nations in British Columbia, Canada. PLoS ONE, 2019, 14, e0211473.	1.1	25
81	Induction heating-electrothermal vaporization for direct mercury analysis of a single human hair strand by inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2005, 20, 1315.	1.6	24
82	Exposure to a Northern Contaminant Mixture (NCM) Alters Hepatic Energy and Lipid Metabolism Exacerbating Hepatic Steatosis in Obese JCR Rats. PLoS ONE, 2014, 9, e106832.	1.1	24
83	A total diet study and probabilistic assessment risk assessment of dietary mercury exposure among First Nations living on-reserve in Ontario, Canada. Environmental Research, 2017, 158, 409-420.	3.7	24
84	Sociodemographic associations of the dietary proportion of ultra-processed foods in First Nations peoples in the Canadian provinces of British Columbia, Manitoba, Alberta and Ontario. International Journal of Food Sciences and Nutrition, 2018, 69, 753-761.	1.3	24
85	Effects of long-term cadmium exposure on urinary metabolite profiles in mice. Journal of Toxicological Sciences, 2018, 43, 89-100.	0.7	24
86	First Nations households living on-reserve experience food insecurity: prevalence and predictors among ninety-two First Nations communities across Canada. Canadian Journal of Public Health, 2021, 112, 52-63.	1.1	24
87	Assessment of Dietary Exposure to Trace Metals in Baffin Inuit Food. Environmental Health Perspectives, 1995, 103, 740.	2.8	23
88	Methylmercury alters glutathione homeostasis by inhibiting glutaredoxin 1 and enhancing glutathione biosynthesis in cultured human astrocytoma cells. Toxicology Letters, 2016, 256, 1-10.	0.4	22
89	Monomethylmercury degradation by the human gut microbiota is stimulated by protein amendments. Journal of Toxicological Sciences, 2018, 43, 717-725.	0.7	22
90	Exposure to triclosan among the Canadian population: Results of the Canadian Health Measures Survey (2009â€“2013). Environment International, 2019, 123, 29-38.	4.8	21

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91	Impact of low-level mercury exposure on intelligence quotient in children via rice consumption. Ecotoxicology and Environmental Safety, 2020, 202, 110870.	2.9	21
92	Importance of fish for food and nutrition security among First Nations in Canada. Canadian Journal of Public Health, 2021, 112, 64-80.	1.1	21
93	The First Nations Food, Nutrition and Environment Study (2008â€“2018)â€”rationale, design, methods and lessons learned. Canadian Journal of Public Health, 2021, 112, 8-19.	1.1	21
94	Epidemiologic Studies of PCB Congener Profiles in North American Fish Consuming Populations. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2004, 22, 13-36.	2.9	20
95	Predictors of household food insecurity and relationship with obesity in First Nations communities in British Columbia, Manitoba, Alberta and Ontario. Public Health Nutrition, 2021, 24, 1021-1033.	1.1	20
96	Drivers and health implications of the dietary transition among Inuit in the Canadian Arctic: a scoping review. Public Health Nutrition, 2021, 24, 2650-2668.	1.1	20
97	Impact of methylmercury exposure on mitochondrial energetics in AC16 and H9C2 cardiomyocytes. Toxicology in Vitro, 2015, 29, 953-961.	1.1	19
98	Predictive metaâ€regressions relating mercury tissue concentrations of freshwater piscivorous mammals. Environmental Toxicology and Chemistry, 2017, 36, 2377-2384.	2.2	19
99	Inuit Country Food Diet Pattern Is Associated with Lower Risk of Coronary Heart Disease. Journal of the Academy of Nutrition and Dietetics, 2018, 118, 1237-1248.e1.	0.4	19
100	Mechanistic polychlorinated biphenyl exposure modeling of mothers in the Canadian Arctic: the challenge of reliably establishing dietary composition. Environment International, 2016, 92-93, 256-268.	4.8	18
101	Total toxaphene and specific congeners in fish from the Yukon, Canada. Chemosphere, 2000, 41, 507-515.	4.2	17
102	Association between environmental contaminants and health outcomes in indigenous populations of the Circumpolar North. International Journal of Circumpolar Health, 2014, 73, 25808.	0.5	17
103	Superoxide produced in the matrix of mitochondria enhances methylmercury toxicity in human neuroblastoma cells. Toxicology and Applied Pharmacology, 2015, 289, 371-380.	1.3	17
104	Associations of health status and diabetes among First Nations Peoples living on-reserve in Canada. Canadian Journal of Public Health, 2021, 112, 154-167.	1.1	17
105	The relative importance of glutathione and metallothionein on protection of hepatotoxicity of menadione in rats. Chemico-Biological Interactions, 1992, 84, 113-124.	1.7	16
106	On the excretion of zinc by the shore crabCarcinus maenas(L.). Ophelia, 1993, 38, 31-45.	0.3	16
107	Inorganic mercury pre-exposures protect against methyl mercury toxicity in NSC-34 (neuronÃ—spinal) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	16
108	Relationship between platelet monoamine oxidase-B (MAO-B) activity and mercury exposure in fish consumers from the Lake St. Pierre region of Que., Canada. NeuroToxicology, 2006, 27, 429-436.	1.4	16

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109	Balancing the benefits and costs of traditional food substitution by indigenous Arctic women of childbearing age: Impacts on persistent organic pollutant, mercury, and nutrient intakes. Environment International, 2016, 94, 554-566.	4.8	16
110	Association of blood polychlorinated biphenyls and cholesterol levels among Canadian Inuit. Environmental Research, 2018, 160, 298-305.	3.7	16
111	Superoxide anion radical (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") [] ETQq1 1 0.784314 rgBT /Overlock 10 Tf mercury in human astrocytoma cell line (CCF-STTG1). Chemico-Biological Interactions, 2015, 230, 46-55.	1.7	15
112	Conversion ratios ofn-3 fatty acids between plasma and erythrocytes: a systematic review and meta-regression. British Journal of Nutrition, 2017, 117, 1162-1173.	1.2	15
113	Factors associated with the blood and urinary selenium concentrations in the Canadian population: Results of the Canadian Health Measures Survey (2007â€“2011). International Journal of Hygiene and Environmental Health, 2018, 221, 1023-1031.	2.1	15
114	Health risk assessment of inorganic arsenic exposure through fish consumption in Yellowknife, Northwest Territories, Canada. Human and Ecological Risk Assessment (HERA), 2021, 27, 1072-1093.	1.7	15
115	Pharmaceuticals in source waters of 95 First Nations in Canada. Canadian Journal of Public Health, 2021, 112, 133-153.	1.1	15
116	Proteomic Analysis of Cerebellum in Common Marmoset Exposed to Methylmercury. Toxicological Sciences, 2015, 146, 43-51.	1.4	14
117	The Relationship between Persistent Organic Pollutants Exposure and Type 2 Diabetes among First Nations in Ontario and Manitoba, Canada: A Difference in Difference Analysis. International Journal of Environmental Research and Public Health, 2018, 15, 539.	1.2	14
118	In vivo and in vitro changes in neurochemical parameters related to mercury concentrations from specific brain regions of polar bears (Ursus maritimus). Environmental Toxicology and Chemistry, 2014, 33, 2463-2471.	2.2	13
119	Brain methylmercury uptake in fetal, neonate, weanling, and adult rats. Environmental Research, 2018, 167, 15-20.	3.7	13
120	The Use of Geographic Information Systems for Spatial Ecological Risk Assessments: An Example from the Athabasca Oil Sands Area in Canada. Environmental Toxicology and Chemistry, 2019, 38, 2797-2810.	2.2	13
121	Modelling optimal diets for quality and cost: examples from Inuit and First Nations communities in Canada. Applied Physiology, Nutrition and Metabolism, 2019, 44, 696-703.	0.9	13
122	Estimating Wildlife Harvest Based on Reported Consumption by Inuit in the Canadian Arctic. Arctic, 2017, 70, .	0.2	13
123	Zinc Pretreatment Inhibits Isotretinoin Teratogenicity and Induces Embryonic Metallothionein in CD-1 Mice. Journal of Nutrition, 1998, 128, 1239-1246.	1.3	12
124	The relative estrogenic activity of technical toxaphene mixture and two individual congeners. Toxicology, 1999, 138, 69-80.	2.0	12
125	Development of a strategic plan for food security and safety in the Inuvialuit Settlement Region, Canada. International Journal of Circumpolar Health, 2014, 73, 25091.	0.5	12
126	Delayed effects of methylmercury on the mitochondria of dopaminergic neurons and developmental toxicity in zebrafish larvae (Danio rerio). Aquatic Toxicology, 2016, 175, 73-80.	1.9	12

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127	Cadmium in caribou (Rangifer tarandus) kidneys: speciation, effects of preparation and toxicokinetics. Food Additives and Contaminants, 2001, 18, 607-614.	2.0	11
128	Relationship between the esterase paraoxonase-1 (PON1) and metal concentrations in the whole blood of Inuit in Canada. Chemosphere, 2015, 120, 479-485.	4.2	11
129	Proteome profiling reveals regional protein alteration in cerebrum of common marmoset (Callithrix) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	11
130	Optimisation modelling to improve the diets of First Nations individuals. Journal of Nutritional Science, 2019, 8, e31.	0.7	11
131	Factors associated with plasma concentrations of polychlorinated biphenyls (PCBs) and dichlorodiphenyldichloroethylene (p,pâ€™-DDE) in the Canadian population. International Journal of Environmental Health Research, 2019, 29, 326-347.	1.3	11
132	The Retail Food Sector and Indigenous Peoples in High-Income Countries: A Systematic Scoping Review. International Journal of Environmental Research and Public Health, 2020, 17, 8818.	1.2	11
133	Nutrient adequacy and nutrient sources of adults among ninety-two First Nations communities across Canada. Canadian Journal of Public Health, 2021, 112, 29-40.	1.1	11
134	Levels of metals and persistent organic pollutants in traditional foods consumed by First Nations living on-reserve in Canada. Canadian Journal of Public Health, 2021, 112, 81-96.	1.1	11
135	Seafood Consumption and Its Contribution to Nutrients Intake among Canadians in 2004 and 2015. Nutrients, 2021, 13, 77.	1.7	11
136	Nutrition and the environment of indigenous peoples. Ecology of Food and Nutrition, 1994, 32, 81-87.	0.8	10
137	Risk-Benefit Assessment for Total Mercury, Arsenic, Selenium, and Omega-3 Fatty Acids Exposure from Fish Consumption in Jamaica. Biological Trace Element Research, 2020, 197, 262-270.	1.9	10
138	Health risk assessment of arsenic exposure among the residents in NdilÇ«, Dettah, and Yellowknife, Northwest Territories, Canada. International Journal of Hygiene and Environmental Health, 2020, 230, 113623.	2.1	10
139	Effects of methylmercury on dopamine release in MN9D neuronal cells. Toxicology Mechanisms and Methods, 2015, 25, 637-644.	1.3	9
140	A metabolomics study on effects of polyaromatic compounds in oil sand extracts on the respiratory, hepatic and nervous systems using three human cell lines. Environmental Research, 2019, 178, 108680.	3.7	9
141	Development of Biomonitoring Equivalents for chlordane and toxaphene with application to the general Canadian population. Regulatory Toxicology and Pharmacology, 2019, 106, 262-269.	1.3	9
142	Proteome changes in methylmercury-exposed mouse primary cerebellar granule neurons and astrocytes. Toxicology in Vitro, 2019, 57, 96-104.	1.1	9
143	Toxicogenomic Assessment of Complex Chemical Signatures in Double-Crested Cormorant Embryos from Variably Contaminated Great Lakes Sites. Environmental Science & Technology, 2020, 54, 7504-7512.	4.6	9
144	Interactive dysmorphogenic effects of toxaphene or toxaphene congeners and hyperglycemia on cultured whole rat embryos during organogenesis. Toxicology, 2002, 175, 153-165.	2.0	8

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145	Sub-Nanomolar Methylmercury Exposure Promotes Premature Differentiation of Murine Embryonic Neural Precursor at the Expense of Their Proliferation. Toxics, 2018, 6, 61.	1.6	8
146	Seafood consumption patterns, their nutritional benefits and associated sociodemographic and lifestyle factors among First Nations in British Columbia, Canada. Public Health Nutrition, 2018, 21, 3223-3236.	1.1	8
147	Proteomic profiling of primary astrocytes and co-cultured astrocytes/microglia exposed to acrylamide. NeuroToxicology, 2019, 75, 78-88.	1.4	8
148	Distribution of organic and inorganic mercury across the pelts of Canadian river otter (Lontra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.6	8
149	Prevalence of heart attack and stroke and associated risk factors among Inuit in Canada: A comparison with the general Canadian population. International Journal of Hygiene and Environmental Health, 2019, 222, 319-326.	2.1	8
150	Comparison of measures of diet quality using 24-hour recall data of First Nations adults living on reserves in Canada. Canadian Journal of Public Health, 2021, 112, 41-51.	1.1	8
151	Metals in the drinking water of First Nations across Canada. Canadian Journal of Public Health, 2021, 112, 113-132.	1.1	8
152	Variation in biomarker levels of metals, persistent organic pollutants, and omega-3 fatty acids in association with genetic polymorphisms among Inuit in Nunavik, Canada. Environmental Research, 2021, 200, 111393.	3.7	8
153	Relationships between mercury concentrations in fur and stomach contents of river otter (Lontra) Tj ETQq1 1 0.784314 rgBT /Overlock for environmental factors determining mercury bioavailability. Environmental Research, 2020, 181, 108961.	3.7	7
154	Fish consumption is inversely associated with type 2 diabetes in Manitoba First Nations communities. Facets, 2017, 2, 795-818.	1.1	7
155	The mink is still a reliable sentinel species in environmental health. Environmental Research, 2009, 109, 940-941.	3.7	6
156	Increased F₃-Isoprostanes in the Canadian Inuit Population Could Be Cardioprotective by Limiting F₂-Isoprostane Production. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3264-3271.	1.8	6
157	Advances in Methylmercury Toxicology and Risk Assessment. Toxics, 2019, 7, 20.	1.6	6
158	Kinetics and metabolism of mercury in rats fed with mercury contaminated rice using mass balance and mercury isotope approach. Science of the Total Environment, 2020, 736, 139687.	3.9	6
159	The relationship between dietary exposure to persistent organic pollutants from fish consumption and type 2 diabetes among First Nations in Canada. Canadian Journal of Public Health, 2021, 112, 168-182.	1.1	6
160	Climate change, contaminants, and country food: collaborating with communities to promote food security in the Arctic. , 2019, , 249-263.		5
161	The Gut Microbial Community Structure of the North American River Otter (Lontra canadensis) in the Alberta Oil Sands Region in Canada: Relationship with Local Environmental Variables and Metal Body Burden. Environmental Toxicology and Chemistry, 2020, 39, 2516-2526.	2.2	5
162	Metal accumulation and detoxification in humans. , 1998, , 415-438.		5

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163	A Pharmacokinetic Model for Predicting Absorption, Elimination, and Tissue Burden of Toxaphene in Rats. Toxicology and Applied Pharmacology, 2000, 168, 235-243.	1.3	4
164	Chronic Methylmercury Exposure Induces Production of Prostaglandins: Evidence From A Population Study and A Rat Dosing Experiment. Environmental Science & Technology, 2019, 53, 7782-7791.	4.6	4
165	Regionally representative hair mercury levels in Canadian First Nations adults living on reserves. Canadian Journal of Public Health, 2021, 112, 97-112.	1.1	4
166	Characterizing the Low-Dose Effects of Methylmercury on the Early Stages of Embryo Development Using Cultured Human Embryonic Stem Cells. Environmental Health Perspectives, 2021, 129, 77007.	2.8	4
167	Maintaining tissue selenium species distribution as a potential defense mechanism against methylmercury toxicity in juvenile white sturgeon (Acipenser transmontanus). Aquatic Toxicology, 2014, 156, 88-95.	1.9	3
168	Cohort profile: health effects monitoring programme in NdilÇ«, Dettah and Yellowknife (YKHEMP). BMJ Open, 2020, 10, e038507.	0.8	3
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