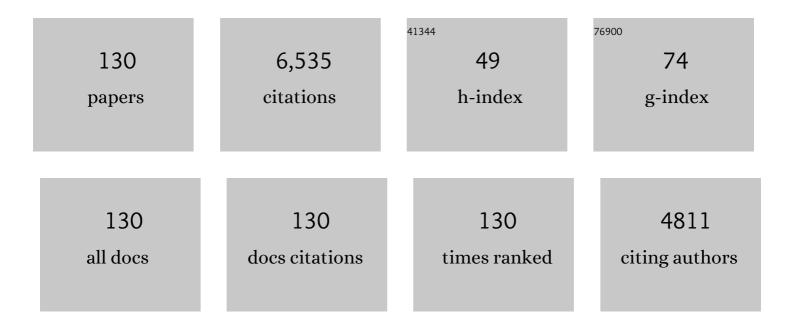
List of Publications by Year in descending order

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Νορμανί Ο Υάνι

#	Article	IF	CITATIONS
1	Road Salt Impacts Freshwater Zooplankton at Concentrations below Current Water Quality Guidelines. Environmental Science & Technology, 2020, 54, 9398-9407.	10.0	76
2	Climate warming restructures an aquatic food web over 28Âyears. Global Change Biology, 2020, 26, 6852-6866.	9.5	31
3	Could a residential wood ash recycling programme be part of the solution to calcium decline in lakes and forests in Muskoka (Ontario, Canada)?. Facets, 2019, 4, 69-90.	2.4	7
4	Ca2+ levels in Daphnia hemolymph may explain occurrences of daphniid species along recent Ca gradients in Canadian soft-water lakes Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2018, 218, 8-15.	1.8	6
5	Arrive, survive and thrive: essential stages in the re-colonization and recovery of zooplankton in urban lakes in Sudbury, Canada. Journal of Limnology, 2016, 75, .	1.1	7
6	Calcium and sodium as regulators of the recovery of four Daphnia species along a gradient of metal and base cations in metal contaminated lakes in Sudbury, Ontario, Canada. Journal of Limnology, 2016, 75, .	1.1	10
7	Past, present and future of the fish community of Lake Orta (Italy), one of the world's largest acidified lakes. Journal of Limnology, 2016, 75, .	1.1	7
8	Mechanisms underlying recovery of zooplankton in Lake Orta after liming. Journal of Limnology, 2016, 75, .	1.1	7
9	What have we learned about ecological recovery from liming interventions of acid lakes in Canada and Italy?. Journal of Limnology, 2016, 75, .	1.1	3
10	Metabolomics confirms that dissolved organic carbon mitigates copper toxicity. Environmental Toxicology and Chemistry, 2016, 35, 635-644.	4.3	19
11	Predicting chronic copper and nickel reproductive toxicity to Daphnia pulex-pulicaria from whole-animal metabolic profiles. Environmental Pollution, 2016, 212, 325-329.	7.5	29
12	Corrigendum to "The Future of Species Invasions in the Great Lakes-St. Lawrence River Basin―[J. Great Lakes Res. 41 314–314]. Journal of Great Lakes Research, 2015, 41, 197.	1.9	0
13	A review of the effects of <i>Bythotrephes longimanus</i> and calcium decline on zooplankton communities — can interactive effects be predicted?. Environmental Reviews, 2015, 23, 395-413.	4.5	21
14	The future of species invasions in the Great Lakes-St. Lawrence River basin. Journal of Great Lakes Research, 2015, 41, 96-107.	1.9	81
15	Synergistic interactions of biotic and abiotic environmental stressors on gene expression. Genome, 2015, 58, 99-109.	2.0	17
16	Food Quantity Affects the Sensitivity of <i>Daphnia</i> to Road Salt. Environmental Science & Technology, 2015, 49, 4673-4680.	10.0	50
17	Consequences of calcium decline on the embryogenesis and life history of <i>Daphnia magna</i> . Journal of Experimental Biology, 2015, 218, 2005-14.	1.7	23
18	The jellification of north temperate lakes. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142449.	2.6	65

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19	Forests fuel fish growth in freshwater deltas. Nature Communications, 2014, 5, 4077.	12.8	98
20	Are legislative frameworks in Canada and Ontario up to the task of addressing invasive alien species?. Biological Invasions, 2014, 16, 1325-1344.	2.4	19
21	Climate change drives coherent trends in physics and oxygen content in North American lakes. Climatic Change, 2014, 124, 285-299.	3.6	49
22	Eicosapentaenoic acid limitation decreases weight and fecundity of the invading predator Bythotrephes longimanus. Journal of Plankton Research, 2014, 36, 567-577.	1.8	6
23	Validation and calibration of probabilistic predictions in ecology. Methods in Ecology and Evolution, 2014, 5, 1023-1032.	5.2	10
24	Second generation biofuels and bioinvasions: An evaluation of invasive risks and policy responses in the United States and Canada. Renewable and Sustainable Energy Reviews, 2013, 27, 30-42.	16.4	34
25	Differential short―and longâ€ŧerm effects of an invertebrate predator on zooplankton communities in invaded and native lakes. Diversity and Distributions, 2013, 19, 396-410.	4.1	12
26	Gauging recovery of zooplankton from historical acid and metal contamination: the influence of temporal changes in restoration targets. Journal of Applied Ecology, 2013, 50, 107-118.	4.0	19
27	Decadalâ€scale regional changes in <scp>C</scp> anadian freshwater zooplankton: the likely consequence of complex interactions among multiple anthropogenic stressors. Freshwater Biology, 2013, 58, 1366-1378.	2.4	24
28	Recreational boats as a vector of secondary spread for aquatic invasive species and native crustacean zooplankton. Biological Invasions, 2013, 15, 509-519.	2.4	60
29	Dynamics of the invasive spiny water flea, Bythotrephes longimanus, in Lake Simcoe, Ontario, Canada. Inland Waters, 2013, 3, 75-92.	2.2	15
30	Examining shifts in zooplankton community variability following biological invasion. Limnology and Oceanography, 2013, 58, 399-408.	3.1	7
31	Changes in water chemistry can disable plankton prey defenses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15377-15382.	7.1	66
32	Application of Biotic Ligand and Toxic Unit Modeling Approaches to Predict Improvements in Zooplankton Species Richness in Smelter-Damaged Lakes near Sudbury, Ontario. Environmental Science & Technology, 2012, 46, 1641-1649.	10.0	34
33	Effects of climate change on the distribution of invasive alien species in Canada: a knowledge synthesis of range change projections in a warming world. Environmental Reviews, 2012, 20, 1-16.	4.5	78
34	Will environmental calcium declines hinder <i>Bythotrephes</i> establishment success in Canadian Shield lakes?. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 810-820.	1.4	13
35	Nearshore human interventions reverse patterns of decline in lake calcium budgets in central Ontario as demonstrated by massâ€balance analyses. Water Resources Research, 2011, 47, .	4.2	24
36	Taking stock of the assisted migration debate. Biological Conservation, 2011, 144, 2560-2572.	4.1	216

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37	Water quality changes in south-central Ontario lakes and the role of local factors in regulating lake response to regional stressors. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1038-1050.	1.4	48
38	Direct and indirect effects of an invasive planktonic predator on pelagic food webs. Limnology and Oceanography, 2011, 56, 179-192.	3.1	22
39	RISING WATER TEMPERATURES ALTER LIPID DYNAMICS AND REDUCE N-3 ESSENTIAL FATTY ACID CONCENTRATIONS IN SCENEDESMUS OBLIQUUS (CHLOROPHYTA)1. Journal of Phycology, 2011, 47, 763-774.	2.3	62
40	An Integrated Multi-Disciplinary Approach for Studying Multiple Stressors in Freshwater Ecosystems: Daphnia as a Model Organism. Integrative and Comparative Biology, 2011, 51, 623-633.	2.0	142
41	Calcium content of littoral Cladocera in three softwater lakes of the Canadian Shield. Hydrobiologia, 2011, 678, 77-83.	2.0	20
42	Shifting invertebrate zooplanktivores: watershed-level replacement of the native Leptodora by the non-indigenous Bythotrephes in Canadian Shield lakes. Biological Invasions, 2011, 13, 115-123.	2.4	17
43	The spread, establishment and impacts of the spiny water flea, Bythotrephes longimanus, in temperate North America: a synopsis of the special issue. Biological Invasions, 2011, 13, 2423-2432.	2.4	53
44	Temperature-dependent Allee effects in a stage-structured model for Bythotrephes establishment. Biological Invasions, 2011, 13, 2477-2497.	2.4	19
45	Models of lake invasibility by Bythotrephes longimanus, a non-indigenous zooplankton. Biological Invasions, 2011, 13, 2459-2476.	2.4	11
46	Increased abundance of the non-indigenous zooplanktivore, Bythotrephes longimanus, is strongly correlated with greater spring prey availability in Canadian Shield lakes. Biological Invasions, 2011, 13, 2605-2619.	2.4	23
47	Should Biological Invasions Be Managed as Natural Disasters?. BioScience, 2011, 61, 312-317.	4.9	96
48	Methods for rearing the invasive zooplankterBythotrephesin the laboratory. Limnology and Oceanography: Methods, 2010, 8, 552-561.	2.0	28
49	Communities contain closely related species during ecosystem disturbance. Ecology Letters, 2010, 13, 162-174.	6.4	179
50	Environmental stability and lake zooplankton diversity – contrasting effects of chemical and thermal variability. Ecology Letters, 2010, 13, 453-463.	6.4	123
51	Relative value of limnological, geographic, and human use variables as predictors of the presence of Bythotrephes longimanus in Canadian Shield lakes. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 462-472.	1.4	37
52	Accumulated Organic Debris in Catch Basins Improves the Efficacy of S-Methoprene Against Mosquitoes in Toronto, Ontario, Canada. Journal of the American Mosquito Control Association, 2010, 26, 172-182.	0.7	7
53	A review of the influence of low ambient calcium concentrations on freshwater daphniids, gammarids, and crayfish. Environmental Reviews, 2009, 17, 67-79.	4.5	98
54	Stable isotope variability of mesoâ€zooplankton along a gradient of dissolved organic carbon. Freshwater Biology, 2009, 54, 1705-1719.	2.4	16

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55	Examination of direct daytime predation by Coregonus artedi on Bythotrephes longimanus in Harp Lake, Ontario, Canada: no evidence for the refuge hypothesis. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 449-459.	1.4	17
56	Calcium levels in Daphnia ephippia cannot provide a useful paleolimnological indicator of historical lakewater Ca concentrations. Journal of Paleolimnology, 2008, 39, 421-425.	1.6	7
57	Modification of the diel vertical migration of Bythotrephes longimanus by the cold-water planktivore, Coregonus artedi. Freshwater Biology, 2008, 53, 981-995.	2.4	38
58	Regional climatic drivers of synchronous zooplankton dynamics in north-temperate lakes. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 878-889.	1.4	59
59	Long-term changes in phytoplankton composition in seven Canadian Shield lakes in response to multiple anthropogenic stressors. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 846-861.	1.4	61
60	Long-term trends in zooplankton of Dorset, Ontario, lakes: the probable interactive effects of changes in pH, total phosphorus, dissolved organic carbon, and predators. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 862-877.	1.4	103
61	The Widespread Threat of Calcium Decline in Fresh Waters. Science, 2008, 322, 1374-1377.	12.6	295
62	An introduction to the Dorset special issue: transforming understanding of factors that regulate aquatic ecosystems on the southern Canadian Shield. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 781-785.	1.4	33
63	Temporal and spatial concordance in community composition of phytoplankton, zooplankton, macroinvertebrate, crayfish, and fish on the Precambrian Shield. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 919-932.	1.4	31
64	The interactive effects of calcium concentration and temperature on the survival and reproduction of <i>Daphnia pulex</i> at high and low food concentrations. Limnology and Oceanography, 2008, 53, 420-432.	3.1	112
65	The FLAMES medium: a new, soft-water culture and bioassay medium for Cladocera. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2008, 30, 265-271.	0.1	14
66	On Sudbury-Area Wind Speeds—A Tale of Forest Regeneration. Journal of Applied Meteorology and Climatology, 2007, 46, 1645-1654.	1.5	11
67	Calibrating the Dynamic Reservoir Simulation Model (DYRESM) and filling required data gaps for one-dimensional thermal profile predictions in a boreal lake. Limnology and Oceanography: Methods, 2007, 5, 484-494.	2.0	43
68	Diversity?stability relationship varies with latitude in zooplankton. Ecology Letters, 2007, 10, 127-134.	6.4	89
69	Acidity versus habitat structure as regulators of littoral microcrustacean assemblages. Freshwater Biology, 2007, 53, 071026235033001-???.	2.4	8
70	Indirect food web effects of Bythotrephes invasion: responses by the rotifer Conochilus in Harp Lake, Canada. Biological Invasions, 2007, 9, 233-243.	2.4	17
71	Species identity and aqueous calcium concentrations as determinants of calcium concentrations of freshwater crustacean zooplankton. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 1007-1013.	1.4	89
72	Variation in the response of crustacean zooplankton species richness and composition to the invasive predator Bythotrephes longimanus. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 2126-2136.	1.4	74

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73	Variations in Epilimnion Thickness in Small Boreal Shield Lakes: Relationships with Transparency, Weather and Acidification. Environmental Monitoring and Assessment, 2006, 115, 419-431.	2.7	33
74	Demographic Stochasticity, Environmental Variability, and Windows of Invasion Risk for Bythotrephes Longimanus in North America. Biological Invasions, 2006, 8, 843-861.	2.4	39
75	Developmental differences and a test for reciprocity in the tolerance of Chaoborus punctipennis larvae to ultraviolet radiation. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 483-491.	1.4	5
76	Research needs for the management of water quality issues, particularly phosphorus and oxygen concentrations, related to salmonid cage aquaculture in Canadian freshwaters. Environmental Reviews, 2005, 13, 1-19.	4.5	25
77	Risk analysis of dissolved organic matter-mediated ultraviolet B exposure in Canadian inland waters. Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 2511-2521.	1.4	35
78	Recovery of copepod, but not cladoceran, zooplankton from severe and chronic effects of multiple stressors. Ecology Letters, 2004, 7, 452-460.	6.4	87
79	Auditing the Accuracy of a Volunteer-Based Surveillance Program for an Aquatic Invader Bythotrephes. Environmental Monitoring and Assessment, 2004, 91, 17-26.	2.7	59
80	Using temporal coherence to determine the response to climate change in Boreal Shield lakes. Environmental Monitoring and Assessment, 2003, 88, 365-388.	2.7	42
81	Assessing potential for recovery of biotic richness and indicator species due to changes in acidic deposition and lake pH in five areas of southeastern Canada. Environmental Monitoring and Assessment, 2003, 88, 53-101.	2.7	34
82	Photoresponses of late instar Chaoborus punctipennis larvae to UVR. Aquatic Ecology, 2003, 37, 257-265.	1.5	5
83	Predation and refugia: implications for Chaoborus abundance and species composition. Freshwater Biology, 2003, 48, 1421-1431.	2.4	44
84	The differing crustacean zooplankton communities of Canadian Shield lakes with and without the nonindigenous zooplanktivore Bythotrephes longimanus. Canadian Journal of Fisheries and Aquatic Sciences, 2003, 60, 1307-1313.	1.4	82
85	Littoral Microcrustacean (Cladocera and Copepoda) Indicators of Acidification in Canadian Shield Lakes. Ambio, 2003, 32, 208-213.	5.5	44
86	pH 6 as the threshold to use in critical load modeling for zooplankton community change with acidification in lakes of south-central Ontario: accounting for morphometry and geography. Canadian Journal of Fisheries and Aquatic Sciences, 2003, 60, 151-158.	1.4	53
87	UVR Sensitivity of Chaoborus Larvae. Ambio, 2003, 32, 219-224.	5.5	16
88	Recovery of Crustacean Zooplankton Communities from Acidification in Killarney Park, Ontario, 1971–2000: pH 6 As a Recovery Goal. Ambio, 2003, 32, 203-207.	5.5	57
89	Developing Conceptual Frameworks for the Recovery of Aquatic Biota from Acidification. Ambio, 2003, 32, 165-169.	5.5	83
90	THE INFLUENCE OF DROUGHT AND RE-ACIDIFICATION ON ZOOPLANKTON EMERGENCE FROM RESTING STAGES. , 2002, 12, 138-153.		61

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#	Article	IF	CITATIONS
91	Crustacean zooplankton communities in lakes recovering from acidification. Canadian Journal of Fisheries and Aquatic Sciences, 2002, 59, 726-735.	1.4	71
92	An introduced invertebrate predator (Bythotrephes) reduces zooplankton species richness. Ecology Letters, 2002, 5, 481-485.	6.4	116
93	Changes in zooplankton and the phenology of the spiny water flea, <i>Bythotrephes</i> , following its invasion of Harp Lake, Ontario, Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 2341-2350.	1.4	88
94	Impact ofBythotrephes longimanuson zooplankton assemblages of Harp Lake, Canada: an assessment based on predator consumption and prey production. Freshwater Biology, 2001, 46, 241-251.	2.4	59
95	Acid Mining Lakes. Journal of Paleolimnology, 2001, 26, 109-111.	1.6	0
96	Use of water clarity to monitor the effects of climate change and other stressors on oligotrophic lakes. Environmental Monitoring and Assessment, 2001, 67, 69-88.	2.7	83
97	Title is missing!. Hydrobiologia, 2000, 432, 195-205.	2.0	46
98	Title is missing!. Aquatic Ecology, 2000, 34, 127-136.	1.5	8
99	Modeling Bythotrephes longimanus invasions in the Great Lakes basin based on its European distribution. Fundamental and Applied Limnology, 2000, 149, 1-21.	0.7	70
100	Title is missing!. Aquatic Ecology, 1999, 33, 127-133.	1.5	76
101	Interannual variability and species turnover of crustacean zooplankton in Shield lakes. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 162-172.	1.4	51
102	The Temporal Coherence of Zooplankton Population Abundances in Neighboring Northâ€Temperate Lakes. American Naturalist, 1999, 153, 46-58.	2.1	107
103	Invasion of Lake Ontario by the Ponto-Caspian predatory cladoceran <i>Cercopagis pengoi</i> . Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 1-5.	1.4	91
104	Acid rain â€" perspectives on lake recovery. Hydrobiologia, 1998, 6, 207-216.	0.9	54
105	Biological Recover y from Lake Acidification: Zooplankton Communities as a Model of Patterns and Processes. Restoration Ecology, 1998, 6, 364-375.	2.9	80
106	Crustacean zooplankton species richness: single- and multiple-year estimates. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 1573-1582.	1.4	64
107	Comparing annual population growth estimates of the exotic invader Bythotrephes by using sediment and plankton records. Limnology and Oceanography, 1997, 42, 112-120.	3.1	44

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109	Increased UV-B penetration in a lake owing to drought-induced acidification. Nature, 1996, 381, 141-143.	27.8	287
110	Secondary analysis of relationships between pelagic invertebrate predators and phytoplankton abundance and water clarity. Freshwater Biology, 1995, 34, 255-261.	2.4	4
111	Liming of Sudbury Lakes: Lessons for Recovery of Aquatic Biota from Acidification. Springer Series on Environmental Management, 1995, , 195-204.	0.3	5
112	Paleolimnological assessment of damage to fish communities in three acidic, Canadian Shield lakes. Fisheries Research, 1994, 19, 157-177.	1.7	38
113	Omnivory of the larval phantom midge (<i>Chaoborus</i> spp.) and its potential significance for freshwater planktonic food webs. Canadian Journal of Zoology, 1994, 72, 2055-2065.	1.0	49
114	Changes in body dimensions of larval Chaoborus in ethanol and formalin. Journal of Plankton Research, 1994, 16, 1601-1608.	1.8	16
115	Lake acidification: effects on crustacean zooplankton populations. Environmental Science & Technology, 1993, 27, 1621-1624.	10.0	92
116	Metering filtration efficiency of freshwater zooplankton hauls: reminders from the past. Journal of Plankton Research, 1993, 15, 57-65.	1.8	35
117	<i>Bythotrephes cederstroemi</i> (Schoedler) in Muskoka Lakes: First Records of the European Invader in Inland Lakes in Canada. Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 422-426.	1.4	57
118	Regulation of Zooplankton Community Structure of an Acidified Lake by Chaoborus. , 1991, 1, 52-65.		103
119	Contribution of zooplankton to the total cadmium pool in Canadian shield lakes varying in acidity. Water, Air, and Soil Pollution, 1991, 57-58, 635-644.	2.4	5
120	Control of cadmium levels in <i>Holopedium gibberum</i> (crustacea, cladocera) in canadian shield lakes. Environmental Toxicology and Chemistry, 1990, 9, 895-908.	4.3	21
121	Cadmium concentrations of crustacean zooplankton of acidified and nonacidified Canadian Shield lakes. Environmental Science & Technology, 1990, 24, 1367-1372.	10.0	25
122	Inferred effects of lake acidification on Daphnia galeata mendotae. Environmental Science & Technology, 1990, 24, 1259-1261.	10.0	64
123	CONTROL OF CADMIUM LEVELS IN HOLOPEDIUM GIBBERUM (CRUSTACEA, CLADOCERA) IN CANADIAN SHIELD LAKES. Environmental Toxicology and Chemistry, 1990, 9, 895.	4.3	10
124	Prevalence and inferred effects of microsporidia of Holopedium gibberum (Crustacea:Cladocera) in a Canadian Shield lake. Journal of Plankton Research, 1988, 10, 875-886.	1.8	29
125	Natural changes in the planktonic rotifera of a small acid lake near Sudbury, Ontario following water quality improvements. Water, Air, and Soil Pollution, 1986, 31, 791-797.	2.4	32
126	Are Chaoborus larvae more abundant in acidified than in non-acidified lakes in Central Canada?. Ecography, 1985, 8, 93-99.	4.5	23

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127	Richness of aquatic macrophyte floras of soft water lakes of differing pH and trace metal content in Ontario, Canada. Aquatic Botany, 1985, 23, 27-40.	1.6	38
128	Acidic deposition: Effects on aquatic ecosystems. C R C Critical Reviews in Environmental Control, 1984, 13, 167-194.	1.0	138
129	Effects of Changes in pH on Transparency and Thermal Regimes of Lohi Lake, near Sudbury, Ontario. Canadian Journal of Fisheries and Aquatic Sciences, 1983, 40, 621-626.	1.4	98
130	Phytoplankton community of an acidified, heavy metal?Contaminated lake near Sudbury, Ontario: 1973?1977. Water, Air, and Soil Pollution, 1979, 11, 43-55.	2.4	71