

Magali Houde

List of Publications by Year in descending order

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81
papers

5,072
citations

156536

32
h-index

100535

70
g-index

81
all docs

81
docs citations

81
times ranked

5132
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Monitoring of Polyfluoroalkyl Substances: A Review. <i>Environmental Science & Technology</i> , 2006, 40, 3463-3473.	4.6	1,083
2	Monitoring of Perfluorinated Compounds in Aquatic Biota: An Updated Review. <i>Environmental Science & Technology</i> , 2011, 45, 7962-7973.	4.6	663
3	Biomagnification of Perfluoroalkyl Compounds in the Bottlenose Dolphin (<i>Tursiops truncatus</i>) Food Web. <i>Environmental Science & Technology</i> , 2006, 40, 4138-4144.	4.6	231
4	Bioaccumulation and Trophic Magnification of Short- and Medium-Chain Chlorinated Paraffins in Food Webs from Lake Ontario and Lake Michigan. <i>Environmental Science & Technology</i> , 2008, 42, 3893-3899.	4.6	219
5	Fractionation and Bioaccumulation of Perfluorooctane Sulfonate (PFOS) Isomers in a Lake Ontario Food Web. <i>Environmental Science & Technology</i> , 2008, 42, 9397-9403.	4.6	213
6	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , 2019, 696, 133792.	3.9	184
7	Assessing the Ecological Risks of Per- and Polyfluoroalkyl Substances: Current State of the Science and a Proposed Path Forward. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 564-605.	2.2	166
8	Perfluorinated Alkyl Substances in Plasma, Liver, Brain, and Eggs of Glaucous Gulls (<i>Larus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (4.6	164
9	Polyfluoroalkyl Compounds in Free-Ranging Bottlenose Dolphins (<i>Tursiops truncatus</i>) from the Gulf of Mexico and the Atlantic Ocean. <i>Environmental Science & Technology</i> , 2005, 39, 6591-6598.	4.6	139
10	Contaminant blubber burdens in Atlantic bottlenose dolphins (<i>Tursiops truncatus</i>) from two southeastern US estuarine areas: Concentrations and patterns of PCBs, pesticides, PBDEs, PFCs, and PAHs. <i>Science of the Total Environment</i> , 2010, 408, 1577-1597.	3.9	131
11	Influence of lake characteristics on the biomagnification of persistent organic pollutants in lake trout food webs. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2169-2178.	2.2	82
12	Polychlorinated Biphenyls and Hydroxylated Polychlorinated Biphenyls in Plasma of Bottlenose Dolphins (<i>Tursiops truncatus</i>) from the Western Atlantic and the Gulf of Mexico. <i>Environmental Science & Technology</i> , 2006, 40, 5860-5866.	4.6	76
13	Associations between perfluoroalkyl compounds and immune and clinical chemistry parameters in highly exposed bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 736-746.	2.2	72
14	Novel brominated flame retardants and dechloranes in three fish species from the St. Lawrence River, Canada. <i>Science of the Total Environment</i> , 2014, 479-480, 48-56.	3.9	57
15	Assessment of perfluorinated compounds (PFCs) in plasma of bottlenose dolphins from two southeast US estuarine areas: Relationship with age, sex and geographic locations. <i>Marine Pollution Bulletin</i> , 2012, 64, 66-74.	2.3	52
16	Levels and trends of current-use pesticides (CUPs) in the arctic: An updated review, 2010-2018. <i>Emerging Contaminants</i> , 2019, 5, 70-88.	2.2	52
17	Suspect and Nontarget Screening Revealed Class-Specific Temporal Trends (2000-2017) of Poly- and Perfluoroalkyl Substances in St. Lawrence Beluga Whales. <i>Environmental Science & Technology</i> , 2021, 55, 1659-1671.	4.6	52
18	Bioaccumulation of perfluoroalkyl compounds in midge (<i>Chironomus riparius</i>) larvae exposed to sediment. <i>Environmental Pollution</i> , 2014, 189, 27-34.	3.7	48

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19	PERFLUOROALKYL COMPOUNDS IN RELATION TO LIFE-HISTORY AND REPRODUCTIVE PARAMETERS IN BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>) FROM SARASOTA BAY, FLORIDA, USA. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2405.	2.2	46
20	Occurrence of substituted diphenylamine antioxidants and benzotriazole UV stabilizers in Arctic seabirds and seals. <i>Science of the Total Environment</i> , 2019, 663, 950-957.	3.9	45
21	Perfluoroalkylphosphinic Acids in Northern Pike (<i>Esox lucius</i>), Double-Crested Cormorants (<i>Phalacrocorax auritus</i>), and Bottlenose Dolphins (<i>Tursiops truncatus</i>) in Relation to Other Perfluoroalkyl Acids. <i>Environmental Science & Technology</i> , 2016, 50, 10903-10913.	4.6	43
22	Transcriptomic, cellular and life-history responses of <i>Daphnia magna</i> chronically exposed to benzotriazoles: Endocrine-disrupting potential and molting effects. <i>PLoS ONE</i> , 2017, 12, e0171763.	1.1	43
23	Substituted diphenylamine antioxidants and benzotriazole UV stabilizers in blood plasma of fish, turtles, birds and dolphins from North America. <i>Science of the Total Environment</i> , 2019, 647, 182-190.	3.9	43
24	Toward Sustainable Environmental Quality: Priority Research Questions for North America. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1606-1624.	2.2	43
25	Chronic toxicity evaluation of the flame retardant tris (2-butoxyethyl) phosphate (TBOEP) using <i>Daphnia magna</i> transcriptomic response. <i>Chemosphere</i> , 2015, 132, 159-165.	4.2	41
26	Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States. <i>Aquatic Toxicology</i> , 2008, 86, 397-412.	1.9	40
27	A multi-level biological approach to evaluate impacts of a major municipal effluent in wild St. Lawrence River yellow perch (<i>Perca flavescens</i>). <i>Science of the Total Environment</i> , 2014, 497-498, 307-318.	3.9	39
28	Organohalogen Contaminants in Delphinoid Cetaceans. <i>Reviews of Environmental Contamination and Toxicology</i> , 2005, 184, 1-57.	0.7	38
29	Temporal trends of PBDEs and emerging flame retardants in belugas from the St. Lawrence Estuary (Canada) and comparisons with minke whales and Canadian Arctic belugas. <i>Environmental Research</i> , 2017, 156, 494-504.	3.7	38
30	Spatial and temporal trends of alternative flame retardants and polybrominated diphenyl ethers in ringed seals (<i>Phoca hispida</i>) across the Canadian Arctic. <i>Environmental Pollution</i> , 2017, 223, 266-276.	3.7	36
31	Regulation of Extrathymic T Cell Development and Turnover by Oncostatin M. <i>Journal of Immunology</i> , 2000, 164, 5713-5720.	0.4	35
32	Transcriptional and cellular effects of benzotriazole UV stabilizers UV-3234 and UV-328 in the freshwater invertebrates <i>Chlamydomonas reinhardtii</i> and <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3333-3342.	2.2	35
33	Bioaccumulation and trophic magnification of emerging and legacy per- and polyfluoroalkyl substances (PFAS) in a St. Lawrence River food web. <i>Environmental Pollution</i> , 2022, 309, 119739.	3.7	35
34	Sublethal effects of the flame retardant intermediate hexachlorocyclopentadiene (HCCPD) on the gene transcription and protein activity of <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2013, 140-141, 213-219.	1.9	33
35	POLYBROMINATED DIPHENYL ETHERS AND THEIR HYDROXYLATED ANALOGS IN PLASMA OF BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>) FROM THE UNITED STATES EAST COAST. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2061.	2.2	32
36	Induction of gene responses in St. Lawrence River northern pike (<i>Esox lucius</i>) environmentally exposed to perfluorinated compounds. <i>Chemosphere</i> , 2013, 92, 1195-1200.	4.2	30

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37	Trends of persistent organic pollutants in ringed seals (<i>Phoca hispida</i>) from the Canadian Arctic. <i>Science of the Total Environment</i> , 2019, 665, 1135-1146.	3.9	29
38	Transcriptional and cellular responses of the green alga <i>Chlamydomonas reinhardtii</i> to perfluoroalkyl phosphonic acids. <i>Aquatic Toxicology</i> , 2015, 160, 31-38.	1.9	28
39	Endocrine-disruption potential of perfluoroethylcyclohexane sulfonate (PFECHS) in chronically exposed <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2016, 218, 950-956.	3.7	27
40	Effects of food-borne exposure of juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) to emerging brominated flame retardants 1,2-bis(2,4,6-tribromophenoxy)ethane and 2-ethylhexyl-2,3,4,5-tetrabromobenzoate. <i>Aquatic Toxicology</i> , 2017, 186, 40-49.	1.9	27
41	Distribution and Fate of Ultraviolet Absorbents and Industrial Antioxidants in the St. Lawrence River, Quebec, Canada. <i>Environmental Science & Technology</i> , 2022, 56, 5009-5019.	4.6	27
42	Exposure of <i>Daphnia magna</i> to trichloroethylene (TCE) and vinyl chloride (VC): Evaluation of gene transcription, cellular activity, and life-history parameters. <i>Ecotoxicology and Environmental Safety</i> , 2015, 116, 10-18.	2.9	26
43	Land use and the spatial distribution of perfluoroalkyl compounds as measured in the plasma of bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Marine Environmental Research</i> , 2008, 66, 430-437.	1.1	25
44	Multigenerational effects evaluation of the flame retardant tris(2-butoxyethyl) phosphate (TBOEP) using <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2017, 190, 142-149.	1.9	25
45	PCB Concentrations in Lake Trout (<i>Salvelinus namaycush</i>) Are Correlated to Habitat Use and Lake Characteristics. <i>Environmental Science & Technology</i> , 2008, 42, 8239-8244.	4.6	24
46	Climate change and mercury in the Arctic: Biotic interactions. <i>Science of the Total Environment</i> , 2022, 834, 155221.	3.9	24
47	RNA-sequencing to assess the health of wild yellow perch (<i>Perca flavescens</i>) populations from the St. Lawrence River, Canada. <i>Environmental Pollution</i> , 2018, 243, 1657-1668.	3.7	23
48	Relationships between polybrominated diphenyl ethers and transcription and activity of type 1 deiodinase in a gull highly exposed to flame retardants. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2215-2222.	2.2	22
49	Associations between organohalogen exposure and thyroid- and steroid-related gene responses in St. Lawrence Estuary belugas and minke whales. <i>Marine Pollution Bulletin</i> , 2019, 145, 174-184.	2.3	22
50	Environmental exposure to a major urban wastewater effluent: Effects on the energy metabolism of northern pike. <i>Aquatic Toxicology</i> , 2017, 191, 131-140.	1.9	20
51	Does a short-term exposure to atrazine provoke cellular senescence in <i>Chlamydomonas reinhardtii</i> ? <i>Aquatic Toxicology</i> , 2017, 189, 184-193.	1.9	20
52	Contrasting Temporal Patterns of Mercury, Niche Dynamics, and Body Fat Indices of Polar Bears and Ringed Seals in a Melting Icescape. <i>Environmental Science & Technology</i> , 2020, 54, 2780-2789.	4.6	20
53	Cumulative effects of cadmium and natural stressors (temperature and parasite infection) on molecular and biochemical responses of juvenile rainbow trout. <i>Aquatic Toxicology</i> , 2019, 217, 105347.	1.9	19
54	Cumulative effects of municipal effluent and parasite infection in yellow perch: A field study using high-throughput RNA-sequencing. <i>Science of the Total Environment</i> , 2019, 665, 797-809.	3.9	18

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55	Temporal Trends in Per- and Polyfluoroalkyl Substances in Bottlenose Dolphins (<i>Tursiops</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Science & Technology, 2019, 53, 14194-14203.	4.6	17
56	Metabolomic profiles of the endangered St. Lawrence Estuary beluga population and associations with organohalogen contaminants. <i>Science of the Total Environment</i> , 2020, 717, 137204.	3.9	17
57	Associations between organohalogen concentrations and transcription of thyroid-related genes in a highly contaminated gull population. <i>Science of the Total Environment</i> , 2016, 545-546, 289-298.	3.9	16
58	Mercury in Ringed Seals (<i>Pusa hispida</i>) from the Canadian Arctic in Relation to Time and Climate Parameters. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2462-2474.	2.2	16
59	Application of Spectral Accuracy to Improve the Identification of Organic Compounds in Environmental Analysis. <i>Analytical Chemistry</i> , 2017, 89, 9805-9813.	3.2	15
60	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. <i>Science of the Total Environment</i> , 2022, 839, 155803.	3.9	15
61	Experimental transmission of <i>Pharurus pallasii</i> (Nematoda: Metastrongyloidea), a lungworm of the cranial sinuses of the beluga whale (<i>Delphinapterus leucas</i>), to fish. <i>Canadian Journal of Zoology</i> , 2003, 81, 364-370.	0.4	14
62	Suspect screening of plastic-related chemicals in northern pike (<i>Esox lucius</i>) from the St. Lawrence River, Canada. <i>Environmental Pollution</i> , 2019, 255, 113223.	3.7	14
63	Assessment of environmentally contaminated sediment using a contact assay with early life stage zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2019, 659, 950-962.	3.9	14
64	Integrated spatial health assessment of yellow perch (<i>Perca flavescens</i>) populations from the St. Lawrence River (QC, Canada), part B: cellular and transcriptomic effects. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18073-18084.	2.7	13
65	Integrated spatial health assessment of yellow perch (<i>Perca flavescens</i>) populations from the St. Lawrence River (QC, Canada), part B: cellular and transcriptomic effects. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18211-18221.	2.7	13
66	An investigation of physiological effects of the Deepwater Horizon oil spill on a long-distance migratory seabird, the northern gannet. <i>Marine Pollution Bulletin</i> , 2020, 153, 110953.	2.3	11
67	Food-Borne Exposure of Juvenile Rainbow Trout (<i>Oncorhynchus mykiss</i>) to Benzotriazole Ultraviolet Stabilizers Alone and in Mixture Induces Specific Transcriptional Changes. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 852-862.	2.2	11
68	Poly- and Perfluoroalkyl Substances in Marine Mammals. , 2018, , 117-145.		10
69	Contributions and perspectives of Indigenous Peoples to the study of mercury in the Arctic. <i>Science of the Total Environment</i> , 2022, 841, 156566.	3.9	10
70	Determination of the bioavailability of selected pharmaceutical residues in fish plasma using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1522, 48-55.	1.8	9
71	Lungworm (<i>Pharurus pallasii</i> : Metastrongyloidea: Pseudaliidae) infection in the endangered St. Lawrence beluga whale (<i>Delphinapterus leucas</i>). <i>Canadian Journal of Zoology</i> , 2003, 81, 543-551.	0.4	8
72	Changes in thyroid axis responses in two ring-billed gull sub-populations differentially exposed to halogenated flame retardants. <i>Chemosphere</i> , 2018, 211, 844-854.	4.2	8

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73	Environmental exposure of northern pike to a primary wastewater effluent: Impact on the lipidomic profile and lipid metabolism. <i>Aquatic Toxicology</i> , 2020, 221, 105421.	1.9	7
74	Lipophilic antioxidants and lipid peroxidation in yellow perch subjected to various anthropogenic influences along the St. Lawrence River (QC, Canada). <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 316-325.	2.9	6
75	Flame retardants and their associations with thyroid hormone-related variables in northern fulmars from the Faroe Islands. <i>Science of the Total Environment</i> , 2022, 806, 150506.	3.9	6
76	Time-dependent biological responses of juvenile yellow perch (<i>Perca flavescens</i>) exposed in situ to a major urban effluent. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112483.	2.9	5
77	A major release of urban untreated wastewaters in the St. Lawrence River (Quebec, Canada) altered growth, reproduction, and redox status in experimentally exposed <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2019, 28, 843-851.	1.1	4
78	Stress-related gene transcription in fish exposed to parasitic larvae of two freshwater mussels with divergent infection strategies. <i>Diseases of Aquatic Organisms</i> , 2019, 132, 191-202.	0.5	3
79	Environment, endocrinology, and biochemistry influence expression of stress proteins in bottlenose dolphins. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 32, 100613.	0.4	2
80	Biological markers to establish a relationship between the health status of the St. Lawrence River yellow perch (<i>Perca flavescens</i>) with a gradient of anthropogenic disturbances. <i>Science of the Total Environment</i> , 2020, 726, 138515.	3.9	2
81	Measurable Levels of Short-Chain Chlorinated Paraffins in Western Hudson Bay Fishes but Limited Biomagnification from Fish to Ringed Seals. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2990-2999.	2.2	1