

Magali Houde

List of Publications by Year in descending order

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81
papers

5,072
citations

136950
32
h-index

88630
70
g-index

81
all docs

81
docs citations

81
times ranked

4683
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Monitoring of Polyfluoroalkyl Substances: A Review. Environmental Science & Technology, 2006, 40, 3463-3473.	10.0	1,083
2	Monitoring of Perfluorinated Compounds in Aquatic Biota: An Updated Review. Environmental Science & Technology, 2011, 45, 7962-7973.	10.0	663
3	Biomagnification of Perfluoroalkyl Compounds in the Bottlenose Dolphin (<i>Tursiops truncatus</i>) Food Web. Environmental Science & Technology, 2006, 40, 4138-4144.	10.0	231
4	Bioaccumulation and Trophic Magnification of Short- and Medium-Chain Chlorinated Paraffins in Food Webs from Lake Ontario and Lake Michigan. Environmental Science & Technology, 2008, 42, 3893-3899.	10.0	219
5	Fractionation and Bioaccumulation of Perfluorooctane Sulfonate (PFOS) Isomers in a Lake Ontario Food Web. Environmental Science & Technology, 2008, 42, 9397-9403.	10.0	213
6	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	8.0	184
7	Assessing the Ecological Risks of Per- and Polyfluoroalkyl Substances: Current State-of-the Science and a Proposed Path Forward. Environmental Toxicology and Chemistry, 2021, 40, 564-605.	4.3	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 (10.0	164
9	Polyfluoroalkyl Compounds in Free-Ranging Bottlenose Dolphins (<i>Tursiops truncatus</i>) from the Gulf of Mexico and the Atlantic Ocean. Environmental Science & Technology, 2005, 39, 6591-6598.	10.0	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. Science of the Total Environment, 2010, 408, 1577-1597.	8.0	131
11	Influence of lake characteristics on the biomagnification of persistent organic pollutants in lake trout food webs. Environmental Toxicology and Chemistry, 2008, 27, 2169-2178.	4.3	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. Environmental Science & Technology, 2006, 40, 5860-5866.	10.0	76
13	Associations between perfluoroalkyl compounds and immune and clinical chemistry parameters in highly exposed bottlenose dolphins (<i>Tursiops truncatus</i>). Environmental Toxicology and Chemistry, 2013, 32, 736-746.	4.3	72
14	Novel brominated flame retardants and dechloranes in three fish species from the St. Lawrence River, Canada. Science of the Total Environment, 2014, 479-480, 48-56.	8.0	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. Marine Pollution Bulletin, 2012, 64, 66-74.	5.0	52
16	Levels and trends of current-use pesticides (CUPs) in the arctic: An updated review, 2010-2018. Emerging Contaminants, 2019, 5, 70-88.	4.9	52
17	Suspect and Nontarget Screening Revealed Class-Specific Temporal Trends (2000-2017) of Poly- and Perfluoroalkyl Substances in St. Lawrence Beluga Whales. Environmental Science & Technology, 2021, 55, 1659-1671.	10.0	52
18	Bioaccumulation of perfluoroalkyl compounds in midge (<i>Chironomus riparius</i>) larvae exposed to sediment. Environmental Pollution, 2014, 189, 27-34.	7.5	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.	4.3	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.	8.0	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.	10.0	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.	2.5	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.	8.0	43
24	Toward Sustainable Environmental Quality: Priority Research Questions for North America. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1606-1624.	4.3	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.	8.2	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.	4.0	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.	8.0	39
28	Organohalogen Contaminants in Delphinoid Cetaceans. <i>Reviews of Environmental Contamination and Toxicology</i> , 2005, 184, 1-57.	1.3	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.	7.5	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.	7.5	36
31	Regulation of Extrathymic T Cell Development and Turnover by Oncostatin M. <i>Journal of Immunology</i> , 2000, 164, 5713-5720.	0.8	35
32	Transcriptional and cellular effects of benzotriazole UV stabilizers UV-329 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.	4.3	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.	7.5	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.	4.0	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.	4.3	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.	8.2	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.	8.0	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.	4.0	28
39	Endocrine-disruption potential of perfluoroethylcyclohexane sulfonate (PFECBS) in chronically exposed <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2016, 218, 950-956.	7.5	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.	4.0	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.	10.0	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.	6.0	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.	2.5	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.	4.0	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.	10.0	24
46	Climate change and mercury in the Arctic: Biotic interactions. <i>Science of the Total Environment</i> , 2022, 834, 155221.	8.0	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.	7.5	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.	4.3	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.	5.0	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.	4.0	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.	4.0	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.	10.0	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.	4.0	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.	8.0	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 11f Science & Technology, 2019, 53, 14194-14203.	10.0	17
56	Metabolomic profiles of the endangered St. Lawrence Estuary beluga population and associations with organohalogen contaminants. Science of the Total Environment, 2020, 717, 137204.	8.0	17
57	Associations between organohalogen concentrations and transcription of thyroid-related genes in a highly contaminated gull population. Science of the Total Environment, 2016, 545-546, 289-298.	8.0	16
58	Mercury in Ringed Seals (<i>Pusa hispida</i>) from the Canadian Arctic in Relation to Time and Climate Parameters. Environmental Toxicology and Chemistry, 2020, 39, 2462-2474.	4.3	16
59	Application of Spectral Accuracy to Improve the Identification of Organic Compounds in Environmental Analysis. Analytical Chemistry, 2017, 89, 9805-9813.	6.5	15
60	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. Science of the Total Environment, 2022, 839, 155803.	8.0	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. Canadian Journal of Zoology, 2003, 81, 364-370.	1.0	14
62	Suspect screening of plastic-related chemicals in northern pike (<i>Esox lucius</i>) from the St. Lawrence River, Canada. Environmental Pollution, 2019, 255, 113223.	7.5	14
63	Assessment of environmentally contaminated sediment using a contact assay with early life stage zebrafish (<i>Danio rerio</i>). Science of the Total Environment, 2019, 659, 950-962.	8.0	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. Environmental Science and Pollution Research, 2016, 23, 18073-18084.	5.3	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. Environmental Science and Pollution Research, 2016, 23, 18211-18221.	5.3	13
66	An investigation of physiological effects of the Deepwater Horizon oil spill on a long-distance migratory seabird, the northern gannet. Marine Pollution Bulletin, 2020, 153, 110953.	5.0	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. Environmental Toxicology and Chemistry, 2020, 39, 852-862.	4.3	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. Science of the Total Environment, 2022, 841, 156566.	8.0	10
70	Determination of the bioavailability of selected pharmaceutical residues in fish plasma using liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography A, 2017, 1522, 48-55.	3.7	9
71	Lungworm (<i>Pharurus pallasii</i> : Metastrongyloidea: Pseudaliidae) infection in the endangered St. Lawrence beluga whale (<i>Delphinapterus leucas</i>). Canadian Journal of Zoology, 2003, 81, 543-551.	1.0	8
72	Changes in thyroid axis responses in two ring-billed gull sub-populations differentially exposed to halogenated flame retardants. Chemosphere, 2018, 211, 844-854.	8.2	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.	4.0	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.	6.0	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.	8.0	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.	6.0	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.	2.4	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.	1.0	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.	1.0	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.	8.0	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.	4.3	1