Couillard Catherine

List of Publications by Year
in descending order

38	835	567144 15	501076 28
papers	citations	h-index	g-index

38	38	38	1060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Large and growing environmental reservoirs of Deca-BDE present an emerging health risk for fish and marine mammals. Marine Pollution Bulletin, 2009, 58, 7-10.	2.3	157
2	EFFECT OF DISPERSANT ON THE COMPOSITION OF THE WATER-ACCOMMODATED FRACTION OF CRUDE OIL AND ITS TOXICITY TO LARVAL MARINE FISH. Environmental Toxicology and Chemistry, 2005, 24, 1496.	2.2	116
3	Pigmented macrophage aggregates: A toxic response in fish exposed to bleachedâ€kraft mill effluent?. Environmental Toxicology and Chemistry, 1996, 15, 1844-1854.	2.2	79
4	Modifications of the reproductive period in mummichog (Fundulus heteroclitus) living downstream from a bleached kraft pulp mill in the Miramichi Estuary, New Brunswick, Canada. Canadian Journal of Fisheries and Aquatic Sciences, 1997, 54, 2564-2573.	0.7	49
5	Chemicalâ€“environment interactions affecting the risk of impacts on aquatic organisms: A review with a Canadian perspectiveÂâ€” interactions affecting vulnerability. Environmental Reviews, 2008, 16, 19-44.	2.1	38
6	Natural and anthropogenic factors shape metazoan parasite community structure in mummichog (Fundulus heteroclitus) from two estuaries in New Brunswick, Canada. Folia Parasitologica, 2011, 58, 240-248.	0.7	33
7	Effects of chronic exposures to the herbicides atrazine and glyphosate to larvae of the threespine stickleback (Gasterosteus aculeatus). Ecotoxicology and Environmental Safety, 2013, 89, 174-181.	2.9	32
8	Effects of salinity on sublethal toxicity of atrazine to mummichog (Fundulus heteroclitus) larvae. Marine Environmental Research, 2008, 65, 158-170.	1.1	27
9	Embryonic exposure to environmentally relevant concentrations of PCB126 affect prey capture ability of Fundulus heteroclitus larvae. Marine Environmental Research, 2011, 71, 257-265.	1.1	27
10	Spatial trends of organochlorinated pesticides, polychlorinated biphenyls, and polybrominated diphenyl ethers in Atlantic Anguillid eels. Chemosphere, 2013, 90, 1719-1728.	4.2	26
11	A simple and reliable inÂvivo EROD activity measurement in single Fundulus heteroclitus embryo and larva. Marine Environmental Research, 2013, 84, 17-23.	1.1	23
12	Effects of DeBDE and PCB-126 on Hepatic Concentrations of PBDEs and Methoxy-PBDEs in Atlantic Tomcod. Environmental Science & Technology, 2006, 40, 3211-3216.	4.6	20
13	Chemicalâ€“environment interactions affecting the risk of impacts on aquatic organisms: A review with a Canadian perspective â€” interactions affecting exposure. Environmental Reviews, 2008, 16, 1-17.	2.1	19
14	Assessment of Fat Reserves Adequacy in the First Migrant Silver American Eels of a Largeâ€Scale Stocking Experiment. North American Journal of Fisheries Management, 2014, 34, 802-813.	0.5	18
15	LOW HEPATIC ETHOXYRESORUFIN-O-DEETHYLASE ACTIVITY CORRELATES WITH HIGH ORGANOCHLORINE CONCENTRATIONS IN ATLANTIC TOMCOD FROM THE CANADIAN EAST COAST. Environmental Toxicology and Chemistry, 2005, 24, 2459.	2.2	16
16	Sublethal exposure to azamethiphos causes neurotoxicity, altered energy allocation and high mortality during simulated live transport in American lobster. Ecotoxicology and Environmental Safety, 2015, 115, 291-299.	2.9	16
17	Relative potency of PCB126 to TCDD for sublethal embryotoxicity in the mummichog (Fundulus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	15
18	Hybrid ELISAs for vitellogenins of the endangered copper redhorse Moxostoma hubbsi and the shorthead redhorse Moxostoma macrolepidotum (Cypriniformes, catostomidae). Ecotoxicology and Environmental Safety, 2010, 73, 883-892.	2.9	13

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19	Organochlorine contaminants in mummichog (Fundulus heteroclitus) living downstream from a bleachedkraft pulp mill in the Miramichi Estuary, New Brunswick, Canada. Environmental Toxicology and Chemistry, 1999, 18, 2545-2556.	2.2	12
20	A FISH BIOASSAY TO EVALUATE THE TOXICITY ASSOCIATED WITH THE INGESTION OF BENZO[a]PYRENE-CONTAMINATED BENTHIC PREY. Environmental Toxicology and Chemistry, 2009, 28, 772.	2.2	11
21	Applicability of the TCDD-TEQ approach to predict sublethal embryotoxicity in Fundulus heteroclitus. Aquatic Toxicology, 2014, 149, 133-144.	1.9	10
22	Bioassays for the toxicity of petroleum oils in chicken embryos. Environmental Toxicology and Chemistry, 1991, 10, 533-538.	2.2	9
23	Critical period of sensitivity to petroleum toxicity in the chicken embryo. Environmental Toxicology and Chemistry, 1991, 10, 249-253.	2.2	8
24	Lesions and parasites in white suckers, Catostomus commersoni, in bleachedâ€kraft pulp millâ€contaminated and reference rivers. Environmental Toxicology and Chemistry, 1995, 14, 1051-1060.	2.2	8
25	Early back-calculated size-at-age of Atlantic yellow eels sampled along ecological gradients in the Gironde and St. Lawrence hydrographical systems. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 1270-1279.	0.7	7
26	PIGMENTED MACROPHAGE AGGREGATES: A TOXIC RESPONSE IN FISH EXPOSED TO BLEACHED-KRAFT MILL EFFLUENT?. Environmental Toxicology and Chemistry, 1996, 15, 1844.	2.2	7
27	Biotransformation, antioxidant and histopathological biomarker responses to contaminants in European and American yellow eels from the Gironde and St. Lawrence estuaries. Chemosphere, 2017, 188, 292-303.	4.2	6
28	Utilisation des poissons pour Ã©valuer les effets biologiques des contaminants dans lâ€™estuaire du Saint-Laurent et le fjord du Saguenay. Revue Des Sciences De L'Eau, 0, 22, 291-314.	0.2	5
29	Temporal variations in embryotoxicity of Lake Ontario American eel (Anguilla rostrata) extracts to developing Fundulus heteroclitus. Science of the Total Environment, 2016, 541, 765-775.	3.9	4
30	Effect of Decadal Changes in Freshwater Flows and Temperature on the Larvae of two Forage Fish Species in Coastal Nurseries of the St. Lawrence Estuary. Estuaries and Coasts, 2017, 40, 268-285.	1.0	4
31	Morphometrics and processing yield of Cucumaria frondosa (Holothuroidea) from the St. Lawrence Estuary, Canada. PLoS ONE, 2021, 16, e0245238.	1.1	4
32	A processing plant survey of external lesions of American eels (Anguilla rostrata) from Lake Ontario and the St. Lawrence River, Canada. Preventive Veterinary Medicine, 1997, 31, 19-32.	0.7	3
33	A telephone survey of eel fishermen regarding external lesions and mortalities of American eels (Anguilla rostrata) from Lake Ontario and the St. Lawrence River basin, Canada. Preventive Veterinary Medicine, 1997, 31, 33-49.	0.7	3
34	Late maturity and evidence for female biennial spawning in the sea pen Pennatula aculeata (Anthozoa,) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	3
35	A multibiomarker approach on the Atlantic tomcod (Microgadus tomcod) in the St. Lawrence Estuary. Environmental Science and Pollution Research, 2013, 20, 749-760.	2.7	2
36	Effect of body size on response to emersion and molt increment of post-ovigerous female American lobsters Homarus americanus (H. Milne Edwards, 1837) (Decapoda: Nephropidae) from southern and northern Gulf of St. Lawrence, Canada. Journal of Crustacean Biology, 2017, 37, 426-435.	0.3	2

#	Article	IF	Citations
37	Combined Use of Otolith Morphometry and Microchemistry to Study the Origin of Springâ€Spawning Atlantic Herring in the St. Lawrence Estuary and the Gulf of St. Lawrence. Marine and Coastal Fisheries, 2022, 14, .	0.6	2
38	Comparison of a visual method, mass-based and surface-based gonadal indices and gonad histology to assess sexual maturity in the waved whelk, Buccinum undatum. Fisheries Research, 2020, 224, 105468.	0.9	1