

# Couillard Catherine

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36

papers

699

citations

14

h-index

26

g-index

38

ext. papers

757

ext. citations

4.1

avg, IF

3.6

L-index

#	Paper	IF	Citations
36	Large and growing environmental reservoirs of Deca-BDE present an emerging health risk for fish and marine mammals. <i>Marine Pollution Bulletin</i> , <b>2009</b> , 58, 7-10	6.7	140
35	Effect of dispersant on the composition of the water-accommodated fraction of crude oil and its toxicity to larval marine fish. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 1496-504	3.8	102
34	Pigmented macrophage aggregates: A toxic response in fish exposed to bleached-kraft mill effluent?. <i>Environmental Toxicology and Chemistry</i> , <b>1996</b> , 15, 1844-1854	3.8	73
33	Modifications of the reproductive period in mummichog ( <i>Fundulus heteroclitus</i> ) living downstream from a bleached kraft pulp mill in the Miramichi Estuary, New Brunswick, Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>1997</b> , 54, 2564-2573	2.4	36
32	Chemical–Environment interactions affecting the risk of impacts on aquatic organisms: A review with a Canadian perspective – Interactions affecting vulnerability. <i>Environmental Reviews</i> , <b>2008</b> , 16, 19-44	4.5	31
31	Effects of chronic exposures to the herbicides atrazine and glyphosate to larvae of the threespine stickleback ( <i>Gasterosteus aculeatus</i> ). <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 89, 174-81	7	26
30	Spatial trends of organochlorinated pesticides, polychlorinated biphenyls, and polybrominated diphenyl ethers in Atlantic Anguillid eels. <i>Chemosphere</i> , <b>2013</b> , 90, 1719-28	8.4	25
29	Effects of salinity on sublethal toxicity of atrazine to mummichog ( <i>Fundulus heteroclitus</i> ) larvae. <i>Marine Environmental Research</i> , <b>2008</b> , 65, 158-70	3.3	24
28	Natural and anthropogenic factors shape metazoan parasite community structure in mummichog ( <i>Fundulus heteroclitus</i> ) from two estuaries in New Brunswick, Canada. <i>Folia Parasitologica</i> , <b>2011</b> , 58, 240-8	1.8	24
27	Embryonic exposure to environmentally relevant concentrations of PCB126 affect prey capture ability of <i>Fundulus heteroclitus</i> larvae. <i>Marine Environmental Research</i> , <b>2011</b> , 71, 257-65	3.3	22
26	Effects of deBDE and PCB-126 on hepatic concentrations of PBDEs and methoxy-PBDEs in Atlantic tomcod. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 3211-6	10.3	20
25	A simple and reliable in vivo EROD activity measurement in single <i>Fundulus heteroclitus</i> embryo and larva. <i>Marine Environmental Research</i> , <b>2013</b> , 84, 17-23	3.3	18
24	Chemical–Environment interactions affecting the risk of impacts on aquatic organisms: A review with a Canadian perspective – Interactions affecting exposure. <i>Environmental Reviews</i> , <b>2008</b> , 16, 1-17	4.5	18
23	Low hepatic ethoxyresorufin-O-deethylase activity correlates with high organochlorine concentrations in Atlantic tomcod from the Canadian east coast. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 2459-69	3.8	15
22	Assessment of Fat Reserves Adequacy in the First Migrant Silver American Eels of a Large-Scale Stocking Experiment. <i>North American Journal of Fisheries Management</i> , <b>2014</b> , 34, 802-813	1.1	14
21	Relative potency of PCB126 to TCDD for sublethal embryotoxicity in the mummichog ( <i>Fundulus heteroclitus</i> ). <i>Aquatic Toxicology</i> , <b>2013</b> , 128-129, 203-14	5.1	13
20	Hybrid ELISAs for vitellogenins of the endangered copper redhorse <i>Moxostoma hubbsi</i> and the shorthead redhorse <i>Moxostoma macrolepidotum</i> (Cypriniformes, catostomidae). <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 883-92	7	12

19	A fish bioassay to evaluate the toxicity associated with the ingestion of benzo[a]pyrene-contaminated benthic prey. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 772-81	3.8	11
18	Sublethal exposure to azamethiphos causes neurotoxicity, altered energy allocation and high mortality during simulated live transport in American lobster. <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 115, 291-9	7	9
17	Applicability of the TCDD-TEQ approach to predict sublethal embryotoxicity in <i>Fundulus heteroclitus</i> . <i>Aquatic Toxicology</i> , <b>2014</b> , 149, 133-44	5.1	8
16	Bioassays for the toxicity of petroleum oils in chicken embryos. <i>Environmental Toxicology and Chemistry</i> , <b>1991</b> , 10, 533-538	3.8	8
15	Pigmented macrophage aggregates: A toxic response in fish exposed to bleached-kraft mill effluent? <b>1996</b> , 15, 1844		7
14	Biotransformation, antioxidant and histopathological biomarker responses to contaminants in European and American yellow eels from the Gironde and St. Lawrence estuaries. <i>Chemosphere</i> , <b>2017</b> , 188, 292-303	8.4	6
13	Lesions and parasites in white suckers, <i>Catostomus commersoni</i> , in bleached-kraft pulp mill-contaminated and reference rivers. <i>Environmental Toxicology and Chemistry</i> , <b>1995</b> , 14, 1051-1060	3.8	6
12	Critical period of sensitivity to petroleum toxicity in the chicken embryo. <i>Environmental Toxicology and Chemistry</i> , <b>1991</b> , 10, 249-253	3.8	6
11	Utilisation des poissons pour évaluer les effets biologiques des contaminants dans l'estuaire du Saint-Laurent et le fjord du Saguenay. <i>Revue Des Sciences De L'Eau</i> , <b>2009</b> , 22, 291-314	0.2	5
10	Temporal variations in embryotoxicity of Lake Ontario American eel ( <i>Anguilla rostrata</i> ) extracts to developing <i>Fundulus heteroclitus</i> . <i>Science of the Total Environment</i> , <b>2016</b> , 541, 765-775	10.2	4
9	Organochlorine contaminants in mummichog ( <i>Fundulus heteroclitus</i> ) living downstream from a bleachedkraft pulp mill in the Miramichi Estuary, New Brunswick, Canada. <i>Environmental Toxicology and Chemistry</i> , <b>1999</b> , 18, 2545-2556	3.8	4
8	Early back-calculated size-at-age of Atlantic yellow eels sampled along ecological gradients in the Gironde and St. Lawrence hydrographical systems. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2018</b> , 75, 1270-1279	2.4	2
7	A multibiomarker approach on the Atlantic tomcod ( <i>Microgadus tomcod</i> ) in the St. Lawrence Estuary. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 749-60	5.1	2
6	A processing plant survey of external lesions of American eels ( <i>Anguilla rostrata</i> ) from Lake Ontario and the St. Lawrence River, Canada. <i>Preventive Veterinary Medicine</i> , <b>1997</b> , 31, 19-32	3.1	2
5	A telephone survey of eel fishermen regarding external lesions and mortalities of American eels ( <i>Anguilla rostrata</i> ) from Lake Ontario and the St. Lawrence River basin, Canada. <i>Preventive Veterinary Medicine</i> , <b>1997</b> , 31, 33-49	3.1	2
4	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. <i>Estuaries and Coasts</i> , <b>2017</b> , 40, 268-285	2.8	1
3	Effect of body size on response to emersion and molt increment of post-ovigerous female American lobsters <i>Homarus americanus</i> (H. Milne Edwards, 1837) (Decapoda: Nephropidae) from southern and northern Gulf of St. Lawrence, Canada. <i>Journal of Crustacean Biology</i> , <b>2017</b> , 37, 426-435	0.8	1
2	Morphometrics and processing yield of <i>Cucumaria frondosa</i> (Holothuroidea) from the St. Lawrence Estuary, Canada. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245238	3.7	1

- 1 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<sup>2,3</sup> ○