## **Chantal Lanctot**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frog (Lithobates sylvaticus) tadpoles. II: Agriculturally relevant exposures to Roundup WeatherMax® and Vision® under laboratory conditions. Aquatic Toxicology, 2014, 154, 291-303.	4.0	71
2	Physiological stress response of the scleractinian coral Stylophora pistillata exposed to polyethylene microplastics. Environmental Pollution, 2020, 263, 114559.	7.5	59
3	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (Lithobates sylvaticus) tadpoles. I: Chronic laboratory exposures to VisionMax®. Aquatic Toxicology, 2014, 154, 278-290.	4.0	56
4	Leaching of flame-retardants from polystyrene debris: Bioaccumulation and potential effects on coral. Marine Pollution Bulletin, 2020, 151, 110862.	5.0	47
5	Individual and Mixture Toxicity of Pharmaceuticals Naproxen, Carbamazepine, and Sulfamethoxazole to Australian Striped Marsh Frog Tadpoles ( <i>Limnodynastes peronii</i> ). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 337-345.	2.3	46
6	Effects of naphthenic acid exposure on development and liver metabolic processes in anuran tadpoles. Environmental Pollution, 2013, 177, 22-27.	7.5	40
7	Application of nuclear techniques to environmental plastics research. Journal of Environmental Radioactivity, 2018, 192, 368-375.	1.7	36
8	Effects of the glyphosate-based herbicide Roundup WeatherMax® on metamorphosis of wood frogs (Lithobates sylvaticus) in natural wetlands. Aquatic Toxicology, 2013, 140-141, 48-57.	4.0	33
9	Contaminant-induced behavioural changes in amphibians: A meta-analysis. Science of the Total Environment, 2019, 693, 133570.	8.0	32
10	Sexing Frogs by Real-Time PCR: Using Aromatase <b><i>(cyp19) </i></b> as an Early Ovarian Differentiation Marker. Sexual Development, 2012, 6, 303-315.	2.0	29
11	Behaviour, development and metal accumulation in striped marsh frog tadpoles ( Limnodynastes) Tj ETQq1 1 0.	784314 rg 4.0	BT/Qverloc
12	NMR-based lipidomics of fish from a metal(loid) contaminated wetland show differences consistent with effects on cellular membranes and energy storage. Science of the Total Environment, 2019, 654, 284-291.	8.0	28
13	Untargeted NMR-based metabolomics for field-scale monitoring: Temporal reproducibility and biomarker discovery in mosquitofish (Gambusia holbrooki) from a metal(loid)-contaminated wetland. Environmental Pollution, 2018, 243, 1096-1105.	7.5	26
14	Sodium perchlorate disrupts development and affects metamorphosis- and growth-related gene expression in tadpoles of the wood frog (Lithobates sylvaticus). General and Comparative Endocrinology, 2015, 222, 33-43.	1.8	24
15	No Effect of Polystyrene Microplastics on Foraging Activity and Survival in a Post-larvae Coral-Reef Fish, Acanthurus triostegus. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 457-461.	2.7	24
16	Immunological Aspects of Chytridiomycosis. Journal of Fungi (Basel, Switzerland), 2020, 6, 234.	3.5	20
17	Bioaccumulation and Biodistribution of Selenium in Metamorphosing Tadpoles. Environmental Science & amp; Technology, 2017, 51, 5764-5773.	10.0	19
18	Expression profiles of metamorphosis-related genes during natural transformations in tadpoles of wild Wood Frogs ( <i>Lithobates sylvaticus</i> ). Canadian Journal of Zoology, 2012, 90, 1059-1071.	1.0	18

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#	Article	IF	CITATIONS
19	Uptake and tissue distributions of cadmium, selenium and zinc in striped marsh frog tadpoles exposed during early post-embryonic development. Ecotoxicology and Environmental Safety, 2017, 144, 291-299.	6.0	15
20	Comparative sensitivity of aquatic invertebrate and vertebrate species to wastewater from an operational coal mine in central Queensland, Australia. Ecotoxicology and Environmental Safety, 2016, 129, 1-9.	6.0	13
21	Selenium speciation influences bioaccumulation in Limnodynastes peronii tadpoles. Aquatic Toxicology, 2017, 187, 1-8.	4.0	12
22	Altered bioenergetics and developmental effects in striped marsh frog (Limnodynastes peronii) tadpoles exposed to UV treated sewage. Aquatic Toxicology, 2016, 175, 30-38.	4.0	9
23	Compensatory indirect effects of an herbicide on wetland communities. Science of the Total Environment, 2020, 718, 137254.	8.0	8
24	Locomotor and behavioural responses of empire gudgeons (Hypseleotris compressa) exposed to coal mine wastewater. Chemosphere, 2016, 144, 1560-1566.	8.2	7
25	Synchrotron-Based Imaging Reveals the Fate of Selenium in Striped Marsh Frog Tadpoles. Environmental Science & Technology, 2021, 55, 11848-11858.	10.0	4
26	Fate and sublethal effects of metals during amphibian metamorphosis: A systematic review. Critical Reviews in Environmental Science and Technology, 0, , 1-18.	12.8	2
27	Effects of coal mine wastewater on locomotor and non-locomotor activities of empire gudgeons (Hypseleotris compressa). Ecotoxicology and Environmental Safety, 2016, 127, 36-42.	6.0	1
28	Temporal trends in metabolite profiles correspond with seasonal patterns of temperature and rainfall during field-scale ecotoxicology assessment. , 2022, , 107-120.		0