

Chantal Lanctot

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

707
citations

471477

17
h-index

552766

26
g-index

28
all docs

28
docs citations

28
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frog (<i>Lithobates sylvaticus</i>) tadpoles. II: Agriculturally relevant exposures to Roundup WeatherMax® and Vision® under laboratory conditions. <i>Aquatic Toxicology</i> , 2014, 154, 291-303.	4.0	71
2	Physiological stress response of the scleractinian coral <i>Stylophora pistillata</i> exposed to polyethylene microplastics. <i>Environmental Pollution</i> , 2020, 263, 114559.	7.5	59
3	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (<i>Lithobates sylvaticus</i>) tadpoles. I: Chronic laboratory exposures to VisionMax®. <i>Aquatic Toxicology</i> , 2014, 154, 278-290.	4.0	56
4	Leaching of flame-retardants from polystyrene debris: Bioaccumulation and potential effects on coral. <i>Marine Pollution Bulletin</i> , 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>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 337-345.	2.3	46
6	Effects of naphthenic acid exposure on development and liver metabolic processes in anuran tadpoles. <i>Environmental Pollution</i> , 2013, 177, 22-27.	7.5	40
7	Application of nuclear techniques to environmental plastics research. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 368-375.	1.7	36
8	Effects of the glyphosate-based herbicide Roundup WeatherMax® on metamorphosis of wood frogs (<i>Lithobates sylvaticus</i>) in natural wetlands. <i>Aquatic Toxicology</i> , 2013, 140-141, 48-57.	4.0	33
9	Contaminant-induced behavioural changes in amphibians: A meta-analysis. <i>Science of the Total Environment</i> , 2019, 693, 133570.	8.0	32
10	Sexing Frogs by Real-Time PCR: Using Aromatase (<i>cyp19</i>) as an Early Ovarian Differentiation Marker. <i>Sexual Development</i> , 2012, 6, 303-315.	2.0	29
11	Behaviour, development and metal accumulation in striped marsh frog tadpoles (<i>Limnodynastes</i>)	4.0	28
12	NMR-based lipidomics of fish from a metal(loid) contaminated wetland show differences consistent with effects on cellular membranes and energy storage. <i>Science of the Total Environment</i> , 2019, 654, 284-291.	8.0	28
13	Untargeted NMR-based metabolomics for field-scale monitoring: Temporal reproducibility and biomarker discovery in mosquitofish (<i>Gambusia holbrooki</i>) from a metal(loid)-contaminated wetland. <i>Environmental Pollution</i> , 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 (<i>Lithobates sylvaticus</i>). <i>General and Comparative Endocrinology</i> , 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, <i>Acanthurus triostegus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 457-461.	2.7	24
16	Immunological Aspects of Chytridiomycosis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 234.	3.5	20
17	Bioaccumulation and Biodistribution of Selenium in Metamorphosing Tadpoles. <i>Environmental Science & Technology</i> , 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>). <i>Canadian Journal of Zoology</i> , 2012, 90, 1059-1071.	1.0	18

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19	Uptake and tissue distributions of cadmium, selenium and zinc in striped marsh frog tadpoles exposed during early post-embryonic development. <i>Ecotoxicology and Environmental Safety</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 1-9.	6.0	13
21	Selenium speciation influences bioaccumulation in <i>Limnodynastes peronii</i> tadpoles. <i>Aquatic Toxicology</i> , 2017, 187, 1-8.	4.0	12
22	Altered bioenergetics and developmental effects in striped marsh frog (<i>Limnodynastes peronii</i>) tadpoles exposed to UV treated sewage. <i>Aquatic Toxicology</i> , 2016, 175, 30-38.	4.0	9
23	Compensatory indirect effects of an herbicide on wetland communities. <i>Science of the Total Environment</i> , 2020, 718, 137254.	8.0	8
24	Locomotor and behavioural responses of empire gudgeons (<i>Hypseleotris compressa</i>) exposed to coal mine wastewater. <i>Chemosphere</i> , 2016, 144, 1560-1566.	8.2	7
25	Synchrotron-Based Imaging Reveals the Fate of Selenium in Striped Marsh Frog Tadpoles. <i>Environmental Science & Technology</i> , 2021, 55, 11848-11858.	10.0	4
26	Fate and sublethal effects of metals during amphibian metamorphosis: A systematic review. <i>Critical Reviews in Environmental Science and Technology</i> , 0, , 1-18.	12.8	2
27	Effects of coal mine wastewater on locomotor and non-locomotor activities of empire gudgeons (<i>Hypseleotris compressa</i>). <i>Ecotoxicology and Environmental Safety</i> , 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