

# Emilie Lance

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

651  
citations

567281

15  
h-index

642732

23  
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24  
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24  
docs citations

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times ranked

741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of free and covalently bound microcystins in animal tissues by liquid chromatography-tandem mass spectrometry. <i>Environmental Pollution</i> , 2010, 158, 948-952.	7.5	74
2	Interactions between cyanobacteria and Gastropods. <i>Aquatic Toxicology</i> , 2006, 79, 140-148.	4.0	57
3	Influence of toxic cyanobacteria on community structure and microcystin accumulation of freshwater molluscs. <i>Environmental Pollution</i> , 2009, 157, 609-617.	7.5	56
4	Accumulation of free and covalently bound microcystins in tissues of <i>Lymnaea stagnalis</i> (Gastropoda) following toxic cyanobacteria or dissolved microcystin-LR exposure. <i>Environmental Pollution</i> , 2010, 158, 674-680.	7.5	55
5	Occurrence of $\beta$ -N-methylamino-l-alanine (BMAA) and Isomers in Aquatic Environments and Aquatic Food Sources for Humans. <i>Toxins</i> , 2018, 10, 83.	3.4	46
6	Interactions between cyanobacteria and gastropods. <i>Aquatic Toxicology</i> , 2007, 81, 389-396.	4.0	41
7	Histopathology and microcystin distribution in <i>Lymnaea stagnalis</i> (Gastropoda) following toxic cyanobacterial or dissolved microcystin-LR exposure. <i>Aquatic Toxicology</i> , 2010, 98, 211-220.	4.0	39
8	Demonstrated transfer of cyanobacteria and cyanotoxins along a freshwater-marine continuum in France. <i>Harmful Algae</i> , 2019, 87, 101639.	4.8	38
9	Impact of toxic cyanobacteria on gastropods and microcystin accumulation in a eutrophic lake (Grand-Lieu, France) with special reference to <i>Physa</i> (= <i>Physella</i> ) <i>acuta</i> . <i>Science of the Total Environment</i> , 2010, 408, 3560-3568.	8.0	28
10	Consumption of toxic cyanobacteria by <i>Potamopyrgus antipodarum</i> (Gastropoda, Prosobranchia) and consequences on life traits and microcystin accumulation. <i>Harmful Algae</i> , 2008, 7, 464-472.	4.8	26
11	Population modelling to compare chronic external radiotoxicity between individual and population endpoints in four taxonomic groups. <i>Journal of Environmental Radioactivity</i> , 2016, 152, 46-59.	1.7	26
12	Evidence of trophic transfer of microcystins from the gastropod <i>Lymnaea stagnalis</i> to the fish <i>Gasterosteus aculeatus</i> . <i>Harmful Algae</i> , 2014, 31, 9-17.	4.8	25
13	Evidence of silver eels contamination by microcystin-LR at the onset of their seaward migration: what consequences for breeding potential?. <i>Journal of Fish Biology</i> , 2008, 72, 753-762.	1.6	20
14	Cyanobacteria and cyanotoxins in estuarine water and sediment. <i>Aquatic Ecology</i> , 2020, 54, 625-640.	1.5	18
15	Impact of microcystin-producing cyanobacteria on reproductive success of <i>Lymnaea stagnalis</i> (Gastropoda, Pulmonata) and predicted consequences at the population level. <i>Ecotoxicology</i> , 2011, 20, 719-730.	2.4	16
16	Genotoxic and Cytotoxic Effects on the Immune Cells of the Freshwater Bivalve <i>Dreissena polymorpha</i> Exposed to the Environmental Neurotoxin BMAA. <i>Toxins</i> , 2018, 10, 106.	3.4	15
17	Modelling population-level consequences of chronic external gamma irradiation in aquatic invertebrates under laboratory conditions. <i>Science of the Total Environment</i> , 2012, 429, 206-214.	8.0	12
18	Accumulation and detoxication responses of the gastropod <i>Lymnaea stagnalis</i> to single and combined exposures to natural (cyanobacteria) and anthropogenic (the herbicide RoundUp® Flash) stressors. <i>Aquatic Toxicology</i> , 2016, 177, 116-124.	4.0	11

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19	Free or Protein-Bound Microcystin Accumulation by Freshwater Bivalves as a Tool to Evaluate Water Contamination by Microcystin-Producing Cyanobacteria?. Applied Sciences (Switzerland), 2020, 10, 3426.	2.5	10
20	Mussel as a Tool to Define Continental Watershed Quality. , 2017, , .		9
21	In situ use of bivalves and passive samplers to reveal water contamination by microcystins along a freshwater-marine continuum in France. Water Research, 2021, 204, 117620.	11.3	9
22	How the Neurotoxin Î²-N-Methylamino-L-Alanine Accumulates in Bivalves: Distribution of the Different Accumulation Fractions among Organs. Toxins, 2020, 12, 61.	3.4	7
23	Decline of freshwater gastropods exposed to recurrent interacting stressors implying cyanobacterial proliferations and droughts. Aquatic Ecology, 2019, 53, 79-96.	1.5	4