

Carole Cossu-Leguille

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,780
citations

516710

16
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

2949
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging pollutants in wastewater: A review of the literature. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 442-448.	4.3	955
2	Biomarkers and community indices as complementary tools for environmental safety. <i>Environment International</i> , 2003, 28, 711-717.	10.0	113
3	Linking molecular interactions to consequent effects of persistent organic pollutants (POPs) upon populations. <i>Chemosphere</i> , 2006, 62, 1033-1042.	8.2	95
4	DNA damage measured by the single-cell gel electrophoresis (Comet) assay in mammals fed with mussels contaminated by the "Erika"™ oil-spill. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 581, 11-21.	1.7	70
5	Seasonal variability of antioxidant biomarkers and energy reserves in the freshwater gammarid <i>Gammarus roeseli</i> . <i>Chemosphere</i> , 2011, 83, 538-544.	8.2	65
6	Metal bioaccumulation and oxidative stress in yellow perch (<i>Perca flavescens</i>) collected from eight lakes along a metal contamination gradient (Cd, Cu, Zn, Ni). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 563-577.	1.4	53
7	Bioaccumulation of gadolinium in freshwater bivalves. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12405-12415.	5.3	51
8	Influence of gender and season on reduced glutathione concentration and energy reserves of <i>Gammarus roeseli</i> . <i>Environmental Research</i> , 2012, 118, 47-52.	7.5	50
9	Effects of sublethal copper exposure on two gammarid species: which is the best competitor?. <i>Ecotoxicology</i> , 2011, 20, 264-273.	2.4	49
10	Microsporidia parasites disrupt the responses to cadmium exposure in a gammarid. <i>Environmental Pollution</i> , 2012, 160, 17-23.	7.5	39
11	Genotoxic effects of nickel, trivalent and hexavalent chromium on the <i>Eisenia fetida</i> earthworm. <i>Chemosphere</i> , 2010, 80, 1109-1112.	8.2	38
12	Comparison of the sensitivity of seven marine and freshwater bioassays as regards antidepressant toxicity assessment. <i>Ecotoxicology</i> , 2014, 23, 1744-1754.	2.4	33
13	Speciation and bioavailability of dissolved copper in different freshwaters: Comparison of modelling, biological and chemical responses in aquatic mosses and gammarids. <i>Science of the Total Environment</i> , 2013, 452-453, 68-77.	8.0	31
14	Genotoxicity and physiological effects of CeO ₂ NPs on a freshwater bivalve (<i>Corbicula fluminea</i>). <i>Aquatic Toxicology</i> , 2018, 198, 141-148.	4.0	25
15	Effect of Multiple Parasitic Infections on the Tolerance to Pollutant Contamination. <i>PLoS ONE</i> , 2012, 7, e41950.	2.5	21
16	Genotoxicity related to transfer of oil spill pollutants from mussels to mammals via food. <i>Environmental Toxicology</i> , 2004, 19, 387-395.	4.0	17
17	Variations of anthropogenic gadolinium in rivers close to waste water treatment plant discharges. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36207-36222.	5.3	17
18	<i>Polymorphus Minutus</i> Affects Antitoxic Responses of <i>Gammarus Roeseli</i> Exposed to Cadmium. <i>PLoS ONE</i> , 2012, 7, e41475.	2.5	16

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19	Stoichiometric constraints modulate impacts of silver contamination on stream detritivores: an experimental test with <i>Gammarus fossarum</i> . <i>Freshwater Biology</i> , 2016, 61, 2075-2089.	2.4	15
20	Response of the bivalve <i>Unio tumidus</i> and freshwater communities in artificial streams for hazard assessment of methyl methacrylate. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1371-1382.	4.3	14
21	<i>Aquatic Biomarkers</i> . , 2013, , 49-66.		5
22	<i>Biomarkers of Defense, Tolerance, and Ecological Consequences</i> . , 2012, , 45-74.		4
23	Glutamate cysteine ligase (GCL) in the freshwater bivalve <i>Unio tumidus</i> : Impact of storage conditions and seasons on activity and identification of partial coding sequence of the catalytic subunit. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 151, 88-95.	1.6	2
24	Genotoxic and CYP 1A enzyme effects consecutive to the food transfer of oil spill contaminants from mussels to mammals. <i>Aquatic Living Resources</i> , 2004, 17, 303-307.	1.2	2