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	Genotoxicity and physiological effects of CeO 2 NPs on a freshwater bivalve (Corbicula fluminea). Aquatic Toxicology, 2018, 198, 141-148.	4.0	25
2	Variations of anthropogenic gadolinium in rivers close to waste water treatment plant discharges. Environmental Science and Pollution Research, 2018, 25, 36207-36222.	5.3	17
3	Bioaccumulation of gadolinium in freshwater bivalves. Environmental Science and Pollution Research, 2017, 24, 12405-12415.	5.3	51
4	Stoichiometric constraints modulate impacts of silver contamination on stream detritivores: an experimental test with Gammarus fossarum. Freshwater Biology, 2016, 61, 2075-2089.	2.4	15
5	Comparison of the sensitivity of seven marine and freshwater bioassays as regards antidepressant toxicity assessment. Ecotoxicology, 2014, 23, 1744-1754.	2.4	33
6	Aquatic Biomarkers. , 2013, , 49-66.		5
7	Speciation and bioavailability of dissolved copper in different freshwaters: Comparison of modelling, biological and chemical responses in aquatic mosses and gammarids. Science of the Total Environment, 2013, 452-453, 68-77.	8.0	31
8	Biomarkers of Defense, Tolerance, and Ecological Consequences. , 2012, , 45-74.		4
9	Influence of gender and season on reduced glutathione concentration and energy reserves of Gammarus roeseli. Environmental Research, 2012, 118, 47-52.	7.5	50
10	Effect of Multiple Parasitic Infections on the Tolerance to Pollutant Contamination. PLoS ONE, 2012, 7, e41950.	2.5	21
11	Polymorphus Minutus Affects Antitoxic Responses of Gammarus Roeseli Exposed to Cadmium. PLoS ONE, 2012, 7, e41475.	2.5	16
12	Microsporidia parasites disrupt the responses to cadmium exposure in a gammarid. Environmental Pollution, 2012, 160, 17-23.	7.5	39
13	Emerging pollutants in wastewater: A review of the literature. International Journal of Hygiene and Environmental Health, 2011, 214, 442-448.	4.3	955
14	Seasonal variability of antioxidant biomarkers and energy reserves in the freshwater gammarid Gammarus roeseli. Chemosphere, 2011, 83, 538-544.	8.2	65
15	Effects of sublethal copper exposure on two gammarid species: which is the best competitor?. Ecotoxicology, 2011, 20, 264-273.	2.4	49
16	Genotoxic effects of nickel, trivalent and hexavalent chromium on the Eisenia fetida earthworm. Chemosphere, 2010, 80, 1109-1112.	8.2	38
17	Response of the bivalveUnio tumidusand freshwater communities in artificial streams for hazard assessment of methyl methacrylate. Environmental Toxicology and Chemistry, 2008, 27, 1371-1382.	4.3	14
18	Glutamate cysteine ligase (GCL) in the freshwater bivalve Unio tumidus: Impact of storage conditions and seasons on activity and identification of partial coding sequence of the catalytic subunit. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 88-95.	1.6	2

#	Article	IF	Citations
19	Linking molecular interactions to consequent effects of persistent organic pollutants (POPs) upon populations. Chemosphere, 2006, 62, 1033-1042.	8.2	95
20	Metal bioaccumulation and oxidative stress in yellow perch (Perca flavescens) collected from eight lakes along a metal contamination gradient (Cd, Cu, Zn, Ni). Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 563-577.	1.4	53
21	DNA damage measured by the single-cell gel electrophoresis (Comet) assay in mammals fed with mussels contaminated by the â€˜Erikaâ€™ oil-spill. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 581, 11-21.	1.7	70
22	Genotoxicity related to transfer of oil spill pollutants from mussels to mammals via food. Environmental Toxicology, 2004, 19, 387-395.	4.0	17
23	Genotoxic and CYP 1A enzyme effects consecutive to the food transfer of oil spill contaminants from mussels to mammals. Aquatic Living Resources, 2004, 17, 303-307.	1.2	2
24	Biomarkers and community indices as complementary tools for environmental safety. Environment International, 2003, 28, 711-717.	10.0	113