

Florane Le Bihanic

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,079
citations

471509

17
h-index

713466

21
g-index

22
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22
docs citations

22
times ranked

1530
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental microplastics disrupt swimming activity in acute exposure in <i>Danio rerio</i> larvae and reduce growth and reproduction success in chronic exposure in <i>D. rerio</i> and <i>Oryzias melastigma</i> . <i>Environmental Pollution</i> , 2022, 308, 119721.	7.5	16
2	Chemicals sorbed to environmental microplastics are toxic to early life stages of aquatic organisms. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111665.	6.0	54
3	Chronic feeding exposure to virgin and spiked microplastics disrupts essential biological functions in teleost fish. <i>Journal of Hazardous Materials</i> , 2021, 415, 125626.	12.4	45
4	Juvenile fish caging as a tool for assessing microplastics contamination in estuarine fish nursery grounds. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3548-3559.	5.3	19
5	Environmental samples of microplastics induce significant toxic effects in fish larvae. <i>Environment International</i> , 2020, 134, 105047.	10.0	235
6	Polycyclic aromatic compounds in urban soils of Stockholm City: Occurrence, sources and human health risk assessment. <i>Environmental Research</i> , 2020, 182, 108989.	7.5	33
7	Organic contaminants sorbed to microplastics affect marine medaka fish early life stages development. <i>Marine Pollution Bulletin</i> , 2020, 154, 111059.	5.0	77
8	High density polyethylene (HDPE) microplastics impair development and swimming activity of Pacific oyster <i>D-larvae</i> , <i>Crassostrea gigas</i> , depending on particle size. <i>Environmental Pollution</i> , 2020, 260, 113978.	7.5	65
9	Gene expression patterns and related enzymatic activities of detoxification and oxidative stress systems in zebrafish larvae exposed to the 2,4-dichlorophenoxyacetic acid herbicide. <i>Chemosphere</i> , 2019, 224, 289-297.	8.2	57
10	Genotoxicity of TiO ₂ nanoparticles assessed by mini-gel comet assay and micronucleus scoring with flow cytometry. <i>Mutagenesis</i> , 2017, 32, 127-137.	2.6	92
11	Psychotropic drugs in mixture alter swimming behaviour of Japanese medaka (<i>Oryzias latipes</i>) larvae above environmental concentrations. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4964-4977.	5.3	55
12	<i>In vivo</i> micronucleus screening in zebrafish by flow cytometry. <i>Mutagenesis</i> , 2016, 31, 643-653.	2.6	12
13	Assessing the toxicity of sediments using the medaka embryo "larval assay and 2 other bioassays. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2270-2280.	4.3	10
14	Induction and inhibition of human cytochrome P4501 by oxygenated polycyclic aromatic hydrocarbons. <i>Toxicology Research</i> , 2016, 5, 788-799.	2.1	31
15	Zebrafish Models for Human Acute Organophosphorus Poisoning. <i>Scientific Reports</i> , 2015, 5, 15591.	3.3	63
16	Environmental concentrations of benz[a]anthracene induce developmental defects and DNA damage and impair photomotor response in Japanese medaka larvae. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 321-328.	6.0	24
17	Influence of sediment composition on PAH toxicity using zebrafish (<i>Danio rerio</i>) and Japanese medaka (<i>Oryzias latipes</i>) embryo-larval assays. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13703-13719.	5.3	31
18	Development of a reference artificial sediment for chemical testing adapted to the MELA sediment contact assay. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13689-13702.	5.3	16

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19	Chronic dietary exposure to pyrolytic and petrogenic mixtures of PAHs causes physiological disruption in zebrafish - part I: Survival and growth. Environmental Science and Pollution Research, 2014, 21, 13804-13817.	5.3	43
20	Developmental toxicity of PAH mixtures in fish early life stages. Part II: adverse effects in Japanese medaka. Environmental Science and Pollution Research, 2014, 21, 13732-13743.	5.3	59
21	Developmental toxicity of PAH mixtures in fish early life stages. Part I: adverse effects in rainbow trout. Environmental Science and Pollution Research, 2014, 21, 13720-13731.	5.3	42