Florane Le Bihanic

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1546704/publications.pdf

Version: 2024-02-01

21 papers	1,079 citations	471509 17 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	1530 citing authors

#	Article	IF	Citations
1	Environmental samples of microplastics induce significant toxic effects in fish larvae. Environment International, 2020, 134, 105047.	10.0	235
2	Genotoxicity of TiO₂nanoparticles assessed by mini-gel comet assay and micronucleus scoring with flow cytometry. Mutagenesis, 2017, 32, 127-137.	2.6	92
3	Organic contaminants sorbed to microplastics affect marine medaka fish early life stages development. Marine Pollution Bulletin, 2020, 154, 111059.	5.0	77
4	High density polyethylene (HDPE) microplastics impair development and swimming activity of Pacific oyster D-larvae, Crassostrea gigas, depending on particle size. Environmental Pollution, 2020, 260, 113978.	7.5	65
5	Zebrafish Models for Human Acute Organophosphorus Poisoning. Scientific Reports, 2015, 5, 15591.	3.3	63
6	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
7	Gene expression patterns and related enzymatic activities of detoxification and oxidative stress systems in zebrafish larvae exposed to the 2,4-dichlorophenoxyacetic acid herbicide. Chemosphere, 2019, 224, 289-297.	8.2	57
8	Psychotropic drugs in mixture alter swimming behaviour of Japanese medaka (Oryzias latipes) larvae above environmental concentrations. Environmental Science and Pollution Research, 2016, 23, 4964-4977.	5.3	55
9	Chemicals sorbed to environmental microplastics are toxic to early life stages of aquatic organisms. Ecotoxicology and Environmental Safety, 2021, 208, 111665.	6.0	54
10	Chronic feeding exposure to virgin and spiked microplastics disrupts essential biological functions in teleost fish. Journal of Hazardous Materials, 2021, 415, 125626.	12.4	45
11	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
12	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
13	Polycyclic aromatic compounds in urban soils of Stockholm City: Occurrence, sources and human health risk assessment. Environmental Research, 2020, 182, 108989.	7.5	33
14	Influence of sediment composition on PAH toxicity using zebrafish (Danio rerio) and Japanese medaka (Oryzias latipes) embryo-larval assays. Environmental Science and Pollution Research, 2014, 21, 13703-13719.	5.3	31
15	Induction and inhibition of human cytochrome P4501 by oxygenated polycyclic aromatic hydrocarbons. Toxicology Research, 2016, 5, 788-799.	2.1	31
16	Environmental concentrations of benz[a]anthracene induce developmental defects and DNA damage and impair photomotor response in Japanese medaka larvae. Ecotoxicology and Environmental Safety, 2015, 113, 321-328.	6.0	24
17	Juvenile fish caging as a tool for assessing microplastics contamination in estuarine fish nursery grounds. Environmental Science and Pollution Research, 2020, 27, 3548-3559.	5.3	19
18	Development of a reference artificial sediment for chemical testing adapted to the MELA sediment contact assay. Environmental Science and Pollution Research, 2014, 21, 13689-13702.	5.3	16

#	Article	IF	Citations
19	Environmental microplastics disrupt swimming activity in acute exposure in Danio rerio larvae and reduce growth and reproduction success in chronic exposure in D. rerio and Oryzias melastigma. Environmental Pollution, 2022, 308, 119721.	7.5	16
20	In vivo micronucleus screening in zebrafish by flow cytometry. Mutagenesis, 2016, 31, 643-653.	2.6	12
21	Assessing the toxicity of sediments using the medaka embryoâ€“larval assay and 2 other bioassays. Environmental Toxicology and Chemistry, 2016, 35, 2270-2280.	4.3	10