

Sandra M Monteiro

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,637
citations

257101

24
h-index

301761

39
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55
all docs

55
docs citations

55
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Histopathological changes in liver and gill epithelium of Nile tilapia, <i>Oreochromis niloticus</i> , exposed to waterborne copper. <i>Pesquisa Veterinaria Brasileira</i> , 2007, 27, 103-109.	0.5	149
2	Copper induced upregulation of apoptosis related genes in zebrafish (<i>Danio rerio</i>) gill. <i>Aquatic Toxicology</i> , 2013, 128-129, 183-189.	1.9	116
3	Copper toxicity in gills of the teleost fish, <i>Oreochromis niloticus</i> : Effects in apoptosis induction and cell proliferation. <i>Aquatic Toxicology</i> , 2009, 94, 219-228.	1.9	74
4	Toxicological effects induced on early life stages of zebrafish (<i>Danio rerio</i>) after an acute exposure to microplastics alone or co-exposed with copper. <i>Chemosphere</i> , 2020, 261, 127748.	4.2	72
5	Copper induced alterations of biochemical parameters in the gill and plasma of <i>Oreochromis niloticus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 375-383.	1.3	70
6	Quantitative histopathology of <i>Oreochromis niloticus</i> gills after copper exposure. <i>Journal of Fish Biology</i> , 2008, 73, 1376-1392.	0.7	67
7	Ketamine induction of p53-dependent apoptosis and oxidative stress in zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2018, 201, 730-739.	4.2	66
8	Microplastics alone or co-exposed with copper induce neurotoxicity and behavioral alterations on zebrafish larvae after a subchronic exposure. <i>Aquatic Toxicology</i> , 2021, 235, 105814.	1.9	63
9	From catchment to fish: Impact of anthropogenic pressures on gill histopathology. <i>Science of the Total Environment</i> , 2016, 550, 972-986.	3.9	62
10	The impact of freshwater metal concentrations on the severity of histopathological changes in fish gills: A statistical perspective. <i>Science of the Total Environment</i> , 2017, 599-600, 217-226.	3.9	55
11	Zebrafish sex differentiation and gonad development after exposure to 17 β -ethinylestradiol, fadrozole and their binary mixture: A stereological study. <i>Aquatic Toxicology</i> , 2015, 166, 83-95.	1.9	47
12	Gill histopathological and oxidative stress evaluation in native fish captured in Portuguese northwestern rivers. <i>Ecotoxicology and Environmental Safety</i> , 2013, 90, 157-166.	2.9	46
13	Ketamine-induced oxidative stress at different developmental stages of zebrafish (<i>Danio rerio</i>) embryos. <i>RSC Advances</i> , 2016, 6, 61254-61266.	1.7	45
14	Dose-dependent effects of a glyphosate commercial formulation "Roundup" UltraMax - on the early zebrafish embryogenesis. <i>Chemosphere</i> , 2019, 223, 514-522.	4.2	45
15	Development and recovery of histopathological alterations in the gonads of zebrafish (<i>Danio rerio</i>) after single and combined exposure to endocrine disruptors (17 β -ethinylestradiol and fadrozole). <i>Aquatic Toxicology</i> , 2016, 175, 90-105.	1.9	44
16	Single and combined acute and subchronic toxic effects of microplastics and copper in zebrafish (<i>Danio rerio</i>) early life stages. <i>Chemosphere</i> , 2021, 277, 130262.	4.2	42
17	Effects of 17 β -ethinylestradiol at different water temperatures on zebrafish sex differentiation and gonad development. <i>Aquatic Toxicology</i> , 2016, 174, 22-35.	1.9	38
18	Disruption of apoptosis pathways involved in zebrafish gonad differentiation by 17 β -ethinylestradiol and fadrozole exposures. <i>Aquatic Toxicology</i> , 2016, 177, 269-284.	1.9	35

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19	A stereological study of copper toxicity in gills of <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 213-223.	2.9	32
20	Apoptosis, oxidative stress and genotoxicity in developing zebrafish after aluminium exposure. <i>Aquatic Toxicology</i> , 2021, 236, 105872.	1.9	30
21	Histopathological gill changes in wild leaping grey mullet (<i>Liza saliens</i>) from the Esmoriz-Paramos coastal lagoon, Portugal. <i>Environmental Toxicology</i> , 2007, 22, 443-448.	2.1	28
22	Effects of Exposure to Cadmium on Some Endocrine Parameters in Tilapia, <i>Oreochromis niloticus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 55-59.	1.3	26
23	Copper induced apoptosis in Caco-2 and Hep-G2 cells: Expression of caspases 3, 8 and 9, AIF and p53. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 185-186, 138-146.	1.3	26
24	Multi-Biomarker Responses of Asian Clam <i>Corbicula fluminea</i> (Bivalvia, Corbiculidea) to Cadmium and Microplastics Pollutants. <i>Water (Switzerland)</i> , 2021, 13, 394.	1.2	26
25	Effect of dietary sodium chloride acclimation on growth and plasma thyroid hormones in tilapia <i>Oreochromis niloticus</i> (L.) in relation to sex. <i>Aquaculture Research</i> , 2000, 31, 507-517.	0.9	23
26	Gill histopathological alterations in Nile tilapia, <i>Oreochromis niloticus</i> exposed to treated sewage Water. <i>Brazilian Archives of Biology and Technology</i> , 2008, 51, 1057-1063.	0.5	23
27	Exposure to aluminium causes behavioural alterations and oxidative stress in the brain of adult zebrafish. <i>Environmental Toxicology and Pharmacology</i> , 2021, 85, 103636.	2.0	22
28	Inflammatory, Oxidative Stress, and Apoptosis Effects in Zebrafish Larvae after Rapid Exposure to a Commercial Glyphosate Formulation. <i>Biomedicines</i> , 2021, 9, 1784.	1.4	22
29	Behavioural toxicity of environmental relevant concentrations of a glyphosate commercial formulation - RoundUp® UltraMax - During zebrafish embryogenesis. <i>Chemosphere</i> , 2020, 253, 126636.	4.2	21
30	Biochemical and histological changes in the liver and gills of Nile tilapia <i>Oreochromis niloticus</i> exposed to Red 195 dye. <i>RSC Advances</i> , 2015, 5, 87168-87178.	1.7	19
31	Oxidative stress, apoptosis and serotonergic system changes in zebrafish (<i>Danio rerio</i>) gills after long-term exposure to microplastics and copper. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 258, 109363.	1.3	19
32	Fine structure of the branchial epithelium in the teleost <i>Oreochromis niloticus</i> . <i>Journal of Morphology</i> , 2010, 271, 621-633.	0.6	17
33	Changes in plasma electrolytes and Gill Histopathology in Wild <i>Liza saliens</i> from the Esmoriz-Paramos Coastal Lagoon, Portugal. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 301-305.	1.3	16
34	General Whole-Mount Immunohistochemistry of Zebrafish (<i>Danio rerio</i>) Embryos and Larvae Protocol. <i>Methods in Molecular Biology</i> , 2018, 1797, 365-371.	0.4	16
35	Seasonal Differences in Water Pollution and Liver Histopathology of Iberian Barbel (<i>Luciobarbus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock (Switzerland), 2022, 14, 444.	1.2	13
36	An immunohistochemical study of gill epithelium cells in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Folia Histochemica Et Cytobiologica</i> , 2010, 48, 112-21.	0.6	12

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37	Toxicity of microplastics and copper, alone or combined, in blackspot seabream (<i>Pagellus bogaraveo</i>) larvae. <i>Environmental Toxicology and Pharmacology</i> , 2022, 91, 103835.	2.0	12
38	A Histological Study of Oogenesis in the Freshwater Mussel <i>Anodonta cygnea</i> (Linnaeus, 1758) in Mira Lagoon, Portugal. <i>Malacologia</i> , 2012, 55, 251-261.	0.2	11
39	A multiple index integrating different levels of organization. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 270-278.	2.9	10
40	A Gill Histopathology Study in two Native Fish Species from the Hydrographic Douro Basin. <i>Microscopy and Microanalysis</i> , 2019, 25, 236-243.	0.2	9
41	The Role of Aquatic Ecosystems (River Tua, Portugal) as Reservoirs of Multidrug-Resistant <i>Aeromonas</i> spp.. <i>Water (Switzerland)</i> , 2021, 13, 698.	1.2	9
42	Microplastics- and copper-induced changes in neurogenesis and DNA methyltransferases in the early life stages of zebrafish. <i>Chemico-Biological Interactions</i> , 2022, 363, 110021.	1.7	9
43	Title is missing!. <i>Aquaculture International</i> , 2000, 8, 299-313.	1.1	8
44	Enantioselective Ecotoxicity of Venlafaxine in Aquatic Organisms: <i>Daphnia</i> and Zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1851-1864.	2.2	8
45	Effects of Cd injection on osmoregulation and stress indicators in freshwater Nile tilapia. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 167, 81-89.	1.3	6
46	24-Epibrassinolide protects against ethanol-induced behavioural teratogenesis in zebrafish embryo. <i>Chemico-Biological Interactions</i> , 2020, 328, 109193.	1.7	6
47	Current and Future Ecological Status Assessment: A New Holistic Approach for Watershed Management. <i>Water (Switzerland)</i> , 2020, 12, 2839.	1.2	5
48	MS-222 and Propofol Sedation during and after the Simulated Transport of Nile tilapia (<i>Oreochromis Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>)	1.8	5
49	Anesthesia Overdose Versus Rapid Cooling for Euthanasia of Adult Zebrafish. <i>Zebrafish</i> , 0, , .	0.5	4
50	Zebrafish male differentiation: Do all testes go through a "juvenile ovary" stage?. <i>Tissue and Cell</i> , 2021, 72, 101545.	1.0	3
51	Neuroendocrine and Eosinophilic Granule Cells in the Gills of Tilapia, <i>Oreochromis niloticus</i> : Effects of Waterborne Copper Exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 566-576.	2.1	2
52	24-Epibrassinolide modulates the neurodevelopmental outcomes of high caffeine exposure in zebrafish (<i>Danio rerio</i>) embryos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109143.	1.3	2
53	RIVER RESTORATION FOR THE REPLACEMENT OF LOST SPAWNING GROUNDS DUE TO DAM CONSTRUCTION. , 2021, , .		1
54	An immunohistochemical study of gill epithelium cells in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, S111.	0.8	0