

Ana Maria Coimbra

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

900
citations

18
h-index

29
g-index

41
ext. papers

1,065
ext. citations

4.2
avg, IF

4.27
L-index

#	Paper	IF	Citations
38	Malformations and mortality in zebrafish early stages associated with elevated caspase activity after 24h exposure to MS-222. <i>Toxicology and Applied Pharmacology</i> , 2021 , 412, 115385	4.6	2
37	Zebrafish male differentiation: Do all testes go through a "juvenile ovary" stage?. <i>Tissue and Cell</i> , 2021 , 72, 101545	2.7	1
36	Effects of short-term exposure to genistein and overfeeding diet on the neural and retinal progenitor competence of adult zebrafish (<i>Danio rerio</i>). <i>Neurotoxicology and Teratology</i> , 2021 , 88, 107030 ⁹	3.9	1
35	MS-222 induces biochemical and transcriptional changes related to oxidative stress, cell proliferation and apoptosis in zebrafish embryos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020 , 237, 108834	3.2	4
34	Chronic exposure to environmentally relevant levels of simvastatin disrupts zebrafish brain gene signaling involved in energy metabolism. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020 , 83, 113-125	3.2	6
33	A Gill Histopathology Study in two Native Fish Species from the Hydrographic Douro Basin. <i>Microscopy and Microanalysis</i> , 2019 , 25, 236-243	0.5	3
32	Hazardous impact of vinasse from distilled winemaking by-products in terrestrial plants and aquatic organisms. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 183, 109493	7	14
31	Review on the use of zebrafish embryos to study the effects of anesthetics during early development. <i>Critical Reviews in Toxicology</i> , 2019 , 49, 357-370	5.7	6
30	Ketamine induction of p53-dependent apoptosis and oxidative stress in zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2018 , 201, 730-739	8.4	40
29	MS-222 short exposure induces developmental and behavioural alterations in zebrafish embryos. <i>Reproductive Toxicology</i> , 2018 , 81, 122-131	3.4	8
28	Morphological and behavioral responses of zebrafish after 24h of ketamine embryonic exposure. <i>Toxicology and Applied Pharmacology</i> , 2017 , 321, 27-36	4.6	31
27	Behavioral alterations of zebrafish larvae after early embryonic exposure to ketamine. <i>Psychopharmacology</i> , 2017 , 234, 549-558	4.7	29
26	Apoptosis-related genes induced in response to ketamine during early life stages of zebrafish. <i>Toxicology Letters</i> , 2017 , 279, 1-8	4.4	11
25	Zebrafish sex differentiation and gonad development: A review on the impact of environmental factors. <i>Aquatic Toxicology</i> , 2017 , 191, 141-163	5.1	70
24	Ketamine-induced oxidative stress at different developmental stages of zebrafish (<i>Danio rerio</i>) embryos. <i>RSC Advances</i> , 2016 , 6, 61254-61266	3.7	27
23	A multiple index integrating different levels of organization. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 132, 270-8	7	8
22	Disruption of apoptosis pathways involved in zebrafish gonad differentiation by 17 β -ethinylestradiol and fadrozole exposures. <i>Aquatic Toxicology</i> , 2016 , 177, 269-84	5.1	24

21	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	5.1	34
20	Effects of 17 β -ethinylestradiol at different water temperatures on zebrafish sex differentiation and gonad development. <i>Aquatic Toxicology</i> , 2016 , 174, 22-35	5.1	35
19	Recreational Use of Ketamine and Its Interaction with NMDA Receptors 2016 , 672-680		0
18	Embryonic Stage-Dependent Teratogenicity of Ketamine in Zebrafish (<i>Danio rerio</i>). <i>Chemical Research in Toxicology</i> , 2016 , 29, 1298-309	4	26
17	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	5.1	40
16	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	3.7	13
15	Refinement Techniques in Zebrafish Anaesthesia - Results from a Pilot Study. <i>Microscopy and Microanalysis</i> , 2015 , 21 Suppl 5, 93-4	0.5	
14	Screening and identification of potential sex-associated sequences in <i>Danio rerio</i> . <i>Molecular Reproduction and Development</i> , 2015 , 82, 756-64	2.6	9
13	Chronic effects of clofibrac acid in zebrafish (<i>Danio rerio</i>): a multigenerational study. <i>Aquatic Toxicology</i> , 2015 , 160, 76-86	5.1	41
12	Developmental toxicity of endocrine disruptors in early life stages of zebrafish, a genetic and embryogenesis study. <i>Neurotoxicology and Teratology</i> , 2014 , 46, 18-25	3.9	46
11	Ketamine NMDA receptor-independent toxicity during zebrafish (<i>Danio rerio</i>) embryonic development. <i>Neurotoxicology and Teratology</i> , 2014 , 41, 27-34	3.9	49
10	Gill histopathological and oxidative stress evaluation in native fish captured in Portuguese northwestern rivers. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 90, 157-66	7	35
9	Copper induced upregulation of apoptosis related genes in zebrafish (<i>Danio rerio</i>) gill. <i>Aquatic Toxicology</i> , 2013 , 128-129, 183-9	5.1	89
8	Effect of the hydrostatic pressure on otolith growth of early juveniles of Nile tilapia <i>Oreochromis niloticus</i> . <i>Journal of Fish Biology</i> , 2012 , 81, 329-34	1.9	3
7	Mullet and gudgeon liver histopathology and macroinvertebrate indexes and metrics upstream and downstream from a wastewater treatment plant (Febros River--Portugal). <i>Environmental Monitoring and Assessment</i> , 2010 , 169, 569-85	3.1	9
6	Disruption of zebrafish (<i>Danio rerio</i>) embryonic development after full life-cycle parental exposure to low levels of ethinylestradiol. <i>Aquatic Toxicology</i> , 2009 , 95, 330-8	5.1	90
5	Phenanthrene and nitrite effects on juvenile sea bass, <i>Dicentrarchus labrax</i> , using hepatic biotransformation enzymes, biliary fluorescence, and micronuclei as biomarkers. <i>Ciencias Marinas</i> , 2009 , 35, 29-40	1.7	6
4	Nile tilapia (<i>Oreochromis niloticus</i>), liver morphology, CYP1A activity and thyroid hormones after Endosulfan dietary exposure. <i>Pesticide Biochemistry and Physiology</i> , 2007 , 89, 230-236	4.9	34

3	Tilapia larvae Aroclor 1254 exposure: effects on gonads and circulating thyroid hormones during adulthood. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 79, 488-93	2.7	16
2	Circulating thyroid hormone levels and iodothyronine deiodinase activities in Nile tilapia (<i>Oreochromis niloticus</i>) following dietary exposure to Endosulfan and Aroclor 1254. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005 , 141, 8-14	3.2	34
1	Nile tilapia, <i>Oreochromis niloticus</i> L., reproduction inhibition by dietary exposure to Aroclor 1254. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 75, 407-12	2.7	4