Ana Maria Coimbra

List of Publications by Citations

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	Disruption of zebrafish (Danio rerio) embryonic development after full life-cycle parental exposure to low levels of ethinylestradiol. *Aquatic Toxicology*, **2009**, 95, 330-8	5.1	90
37	Copper induced upregulation of apoptosis related genes in zebrafish (Danio rerio) gill. *Aquatic Toxicology*, **2013**, 128-129, 183-9	5.1	89
36	Zebrafish sex differentiation and gonad development: A review on the impact of environmental factors. *Aquatic Toxicology*, **2017**, 191, 141-163	5.1	70
35	Ketamine NMDA receptor-independent toxicity during zebrafish (Danio rerio) embryonic development. *Neurotoxicology and Teratology*, **2014**, 41, 27-34	3.9	49
34	Developmental toxicity of endocrine disruptors in early life stages of zebrafish, a genetic and embryogenesis study. *Neurotoxicology and Teratology*, **2014**, 46, 18-25	3.9	46
33	Chronic effects of clofibric acid in zebrafish (Danio rerio): a multigenerational study. *Aquatic Toxicology*, **2015**, 160, 76-86	5.1	41
32	Zebrafish sex differentiation and gonad development after exposure to 17□ethinylestradiol, fadrozole and their binary mixture: A stereological study. *Aquatic Toxicology*, **2015**, 166, 83-95	5.1	40
31	Ketamine induction of p53-dependent apoptosis and oxidative stress in zebrafish (Danio rerio) embryos. *Chemosphere*, **2018**, 201, 730-739	8.4	40
30	Effects of 17□ethinylestradiol at different water temperatures on zebrafish sex differentiation and gonad development. *Aquatic Toxicology*, **2016**, 174, 22-35	5.1	35
29	Gill histopathological and oxidative stress evaluation in native fish captured in Portuguese northwestern rivers. *Ecotoxicology and Environmental Safety*, **2013**, 90, 157-66	7	35
28	Development and recovery of histopathological alterations in the gonads of zebrafish (Danio rerio) after single and combined exposure to endocrine disruptors (17□ethinylestradiol and fadrozole). *Aquatic Toxicology*, **2016**, 175, 90-105	5.1	34
27	Nile tilapia (Oreochromis niloticus), liver morphology, CYP1A activity and thyroid hormones after Endosulfan dietary exposure. *Pesticide Biochemistry and Physiology*, **2007**, 89, 230-236	4.9	34
26	Circulating thyroid hormone levels and iodothyronine deiodinase activities in Nile tilapia (Oreochromis niloticus) following dietary exposure to Endosulfan and Aroclor 1254. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2005**, 141, 8-14	3.2	34
25	Morphological and behavioral responses of zebrafish after 24h of ketamine embryonic exposure. *Toxicology and Applied Pharmacology*, **2017**, 321, 27-36	4.6	31
24	Behavioral alterations of zebrafish larvae after early embryonic exposure to ketamine. *Psychopharmacology*, **2017**, 234, 549-558	4.7	29
23	Ketamine-induced oxidative stress at different developmental stages of zebrafish (Danio rerio) embryos. *RSC Advances*, **2016**, 6, 61254-61266	3.7	27
22	Embryonic Stage-Dependent Teratogenicity of Ketamine in Zebrafish (Danio rerio). *Chemical Research in Toxicology*, **2016**, 29, 1298-309	4	26

21	Disruption of apoptosis pathways involved in zebrafish gonad differentiation by 17α-ethinylestradiol and fadrozole exposures. *Aquatic Toxicology*, **2016**, 177, 269-84	5.1	24
20	Tilapia larvae Aroclor 1254 exposure: effects on gonads and circulating thyroid hormones during adulthood. *Bulletin of Environmental Contamination and Toxicology*, **2007**, 79, 488-93	2.7	16
19	Hazardous impact of vinasse from distilled winemaking by-products in terrestrial plants and aquatic organisms. *Ecotoxicology and Environmental Safety*, **2019**, 183, 109493	7	14
18	Biochemical and histological changes in the liver and gills of Nile tilapia Oreochromis niloticus exposed to Red 195 dye. *RSC Advances*, **2015**, 5, 87168-87178	3.7	13
17	Apoptosis-related genes induced in response to ketamine during early life stages of zebrafish. *Toxicology Letters*, **2017**, 279, 1-8	4.4	11
16	Screening and identification of potential sex-associated sequences in Danio rerio. *Molecular Reproduction and Development*, **2015**, 82, 756-64	2.6	9
15	Mullet and gudgeon liver histopathology and macroinvertebrate indexes and metrics upstream and downstream from a wastewater treatment plant (Febros River--Portugal). *Environmental Monitoring and Assessment*, **2010**, 169, 569-85	3.1	9
14	A multiple index integrating different levels of organization. *Ecotoxicology and Environmental Safety*, **2016**, 132, 270-8	7	8
13	MS-222 short exposure induces developmental and behavioural alterations in zebrafish embryos. *Reproductive Toxicology*, **2018**, 81, 122-131	3.4	8
12	Chronic exposure to environmentally relevant levels of simvastatin disrupts zebrafish brain gene signaling involved in energy metabolism. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2020**, 83, 113-125	3.2	6
11	Review on the use of zebrafish embryos to study the effects of anesthetics during early development. *Critical Reviews in Toxicology*, **2019**, 49, 357-370	5.7	6
10	Phenanthrene and nitrite effects on juvenile sea bass, Dicentrarchus labrax, using hepatic biotransformation enzymes, biliary fluorescence, and micronuclei as biomarkers. *Ciencias Marinas*, **2009**, 35, 29-40	1.7	6
9	MS-222 induces biochemical and transcriptional changes related to oxidative stress, cell proliferation and apoptosis in zebrafish embryos. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 237, 108834	3.2	4
8	Nile tilapia, Oreochromis niloticus L., reproduction inhibition by dietary exposure to Aroclor 1254. *Bulletin of Environmental Contamination and Toxicology*, **2005**, 75, 407-12	2.7	4
7	A Gill Histopathology Study in two Native Fish Species from the Hydrographic Douro Basin. *Microscopy and Microanalysis*, **2019**, 25, 236-243	0.5	3
6	Effect of the hydrostatic pressure on otolith growth of early juveniles of Nile tilapia Oreochromis niloticus. *Journal of Fish Biology*, **2012**, 81, 329-34	1.9	3
5	Malformations and mortality in zebrafish early stages associated with elevated caspase activity after 24 h exposure to MS-222. *Toxicology and Applied Pharmacology*, **2021**, 412, 115385	4.6	2
4	Zebrafish male differentiation: Do all testes go through a "juvenile ovary" stage?. *Tissue and Cell*, **2021**, 72, 101545	2.7	1

3	Effects of short-term exposure to genistein and overfeeding diet on the neural and retinal progenitor competence of adult zebrafish (Danio rerio). *Neurotoxicology and Teratology*, **2021**, 88, 107030	3.9	1
2	Recreational Use of Ketamine and Its Interaction with NMDA Receptors **2016**, 672-680		0
1	Refinement Techniques in Zebrafish Anaesthesia - Results from a Pilot Study. *Microscopy and Microanalysis*, **2015**, 21 Suppl 5, 93-4	0.5	