

# Marisa N Fernandes

## List of Publications by Year in descending order

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110  
papers

3,550  
citations

136950

32  
h-index

168389

53  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gill Tissue Recovery after Copper Exposure and Blood Parameter Responses in the Tropical Fish <i>Prochilodus scrofa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2002, 52, 83-91.	6.0	163
2	Effect of temperature on copper toxicity and hematological responses in the neotropical fish <i>Prochilodus scrofa</i> at low and high pH. <i>Aquaculture</i> , 2006, 251, 109-117.	3.5	158
3	Oxidative stress biomarkers of exposure in the blood of cichlid species from a metal-contaminated river. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 86-93.	6.0	150
4	Gill Cellular Changes Induced by Copper Exposure in the South American Tropical Freshwater Fish <i>Prochilodus scrofa</i> . <i>Environmental Research</i> , 2002, 88, 52-63.	7.5	124
5	Biomarker responses as indication of contaminant effects in <i>Oreochromis niloticus</i> . <i>Chemosphere</i> , 2012, 89, 60-69.	8.2	116
6	Effect of copper on liver key enzymes of anaerobic glucose metabolism from freshwater tropical fish <i>Prochilodus lineatus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2008, 151, 437-442.	1.8	113
7	Subchronic exposure to atrazine induces biochemical and histopathological changes in the gills of a Neotropical freshwater fish, <i>Prochilodus lineatus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 6-13.	6.0	105
8	Acute exposure of a glyphosate-based herbicide affects the gills and liver of the Neotropical fish, <i>Piaractus mesopotamicus</i> . <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 388-396.	4.0	90
9	Respiratory responses of <i>Oreochromis niloticus</i> (Pisces, Cichlidae) to environmental hypoxia under different thermal conditions. <i>Journal of Fish Biology</i> , 1989, 35, 509-519.	1.6	89
10	Respiratory responses to hypoxia in relation to mode of life of two erythrinid species ( <i>Hoplias</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.6	85
11	Hematological and biochemical alterations in the fish <i>Prochilodus lineatus</i> caused by the herbicide clomazone. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 1-8.	4.0	83
12	How aluminium exposure promotes osmoregulatory disturbances in the neotropical freshwater fish <i>Prochilus lineatus</i> . <i>Aquatic Toxicology</i> , 2009, 94, 40-46.	4.0	76
13	Aerobic and anaerobic metabolism for the zebrafish, <i>Danio rerio</i> , reared under normoxic and hypoxic conditions and exposed to acute hypoxia during development. <i>Brazilian Journal of Biology</i> , 2010, 70, 425-434.	0.9	60
14	Susceptibility of the Amazonian fish, <i>Colossoma macropomum</i> (Serrasalminae), to short-term exposure to nitrite. <i>Aquaculture</i> , 2004, 232, 627-636.	3.5	55
15	Relationships between oxygen availability and metabolic cost of breathing in Nile tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Over	3.5	59
16	Toxicity and Differential Tissue Accumulation of Copper in the Tropical Freshwater Fish, <i>Prochilodus scrofa</i> (Prochilodontidae). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 63, 797-804.	2.7	51
17	Morphometric Comparison of the Respiratory Organs in the South American Lungfish <i>Lepidosiren paradoxa</i> (Dipnoi). <i>Physiological and Biochemical Zoology</i> , 2005, 78, 546-559.	1.5	51
18	Overview of the toxic effects of titanium dioxide nanoparticles in blood, liver, muscles, and brain of a Neotropical detritivorous fish. <i>Environmental Toxicology</i> , 2019, 34, 457-468.	4.0	51

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19	Matching metal pollution with bioavailability, bioaccumulation and biomarkers response in fish ( <i>Centropomus parallelus</i> ) resident in neotropical estuaries. <i>Environmental Pollution</i> , 2013, 180, 136-144.	7.5	49
20	Health variables and gill morphology in the tropical fish <i>Astyanax fasciatus</i> from a sewage-contaminated river. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 247-255.	6.0	48
21	The impact of organochlorines and metals on wild fish living in a tropical hydroelectric reservoir: bioaccumulation and histopathological biomarkers. <i>Science of the Total Environment</i> , 2014, 497-498, 293-306.	8.0	48
22	Cardio-respiratory responses in two ecologically distinct erythrinids ( <i>Hoplias malabaricus</i> and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 93-97.	1.0	47
23	Comparative study of gill dimensions of three erythrinid species in relation to their respiratory function. <i>Canadian Journal of Zoology</i> , 1994, 72, 160-165.	1.0	46
24	Gill chloride cell proliferation and respiratory responses to hypoxia of the neotropical erythrinid fish <i>Hoplias malabaricus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2003, 173, 309-317.	1.5	46
25	Gill morphometry of the facultative air-breathing loriciid fish, <i>Hypostomus plecostomus</i> (Walbaum) with, special emphasis on aquatic respiration. <i>Fish Physiology and Biochemistry</i> , 1996, 15, 213-220.	2.3	44
26	A short-term in vitro gill culture system to study the effects of toxic (copper) and non-toxic (cortisol) stressors on the rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Toxicology in Vitro</i> , 2004, 18, 691-701.	2.4	41
27	Mobilization and recovery of energy stores in traÃra, <i>Hoplias malabaricus</i> Bloch (Teleostei,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Biochemical, Systemic, and Environmental Physiology, 2006, 176, 721-728.	1.5	41
28	Interrogating pollution sources in a mangrove food web using multiple stable isotopes. <i>Science of the Total Environment</i> , 2018, 640-641, 501-511.	8.0	41
29	Effects of thermal stress on respiratory responses to hypoxia of a South American Prochilodontid fish, <i>Prochilodus scrofa</i> . <i>Journal of Fish Biology</i> , 1995, 46, 123-133.	1.6	39
30	Changes in bioaccumulation and translocation patterns between root and leaf of <i>Avicennia schaueriana</i> as adaptive response to different levels of metals in mangrove system. <i>Marine Pollution Bulletin</i> , 2015, 94, 176-184.	5.0	35
31	Nanoparticle transport and sequestration: Intracellular titanium dioxide nanoparticles in a neotropical fish. <i>Science of the Total Environment</i> , 2019, 658, 798-808.	8.0	35
32	Hepatic metallothionein in a teleost ( <i>Prochilodus scrofa</i> ) exposed to copper at pH 4.5 and pH 8.0. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 137, 225-234.	1.6	33
33	Gasoline effects on biotransformation and antioxidant defenses of the freshwater fish <i>Prochilodus lineatus</i> . <i>Ecotoxicology</i> , 2011, 20, 1400-1410.	2.4	33
34	Morphometric partitioning of the respiratory surface area and diffusion capacity of the gills and swim bladder in juvenile Amazonian air-breathing fish, <i>Arapaima gigas</i> . <i>Micron</i> , 2012, 43, 961-970.	2.2	33
35	Interactions of oxidized multiwalled carbon nanotube with cadmium on zebrafish cell line: The influence of two co-exposure protocols on in vitro toxicity tests. <i>Aquatic Toxicology</i> , 2018, 200, 136-147.	4.0	32
36	Fipronil and 2,4-D effects on tropical fish: Could avoidance response be explained by changes in swimming behavior and neurotransmission impairments?. <i>Chemosphere</i> , 2021, 263, 127972.	8.2	32

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37	Copper levels and changes in pH induce oxidative stress in the tissue of curimbata ( <i>Prochilodus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387	4.0	30
38	Reactive oxygen species and other biochemical and morphological biomarkers in the gills and kidneys of the Neotropical freshwater fish, <i>Prochilodus lineatus</i> , exposed to titanium dioxide (TiO <sub>2</sub> ) nanoparticles. <i>Environmental Science and Pollution Research</i> , 2018, 25, 22963-22976.	5.3	30
39	Atmospheric particulate matter from an industrial area as a source of metal nanoparticle contamination in aquatic ecosystems. <i>Science of the Total Environment</i> , 2021, 753, 141976.	8.0	30
40	Stereological estimation of the surface area and oxygen diffusing capacity of the respiratory stomach of the air-breathing armored catfish <i>Pterygoplichthys anisitsi</i> (Teleostei: Loricariidae). <i>Journal of Morphology</i> , 2009, 270, 601-614.	1.2	29
41	Laboratory measurements of biomarkers and individual performances in <i>Chironomus xanthus</i> to evaluate pesticide contamination of sediments in a river of southeastern Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 424-430.	6.0	29
42	Effects of humic acids from landfill leachate on plants: An integrated approach using chemical, biochemical and cytogenetic analysis. <i>Chemosphere</i> , 2017, 184, 309-317.	8.2	29
43	Using condition factor and blood variable biomarkers in fish to assess water quality. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 29-42.	2.7	28
44	Trophic transfer of emerging metallic contaminants in a neotropical mangrove ecosystem food web. <i>Journal of Hazardous Materials</i> , 2021, 408, 124424.	12.4	28
45	Chloride cell responses to ion challenge in two tropical freshwater fish, the erythrinids <i>Hoplias Malabaricus</i> and <i>Hoplerythrinus Unitaeniatus</i> . <i>The Journal of Experimental Zoology</i> , 2003, 298A, 93-104.	1.4	27
46	Response of mucous cells of the gills of traãra ( <i>Hoplias malabaricus</i> ) and jeju ( <i>Hoplerythrinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387	1.0	27
47	Pulmonary Oxygen Diffusing Capacity of the South American Lungfish <i>Lepidosiren paradoxa</i> : Physiological Values by the Bohr Method. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 560-569.	1.5	26
48	Organochlorines and metals induce changes in the mitochondria-rich cells of fish gills: An integrative field study involving chemical, biochemical and morphological analyses. <i>Aquatic Toxicology</i> , 2013, 126, 180-190.	4.0	26
49	Effect of Water pH on Copper Toxicity in the Neotropical Fish, <i>Prochilodus scrofa</i> ( <i>Prochilodondidae</i> ). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 72, 1075-82.	2.7	25
50	Hepatotoxicity and metabolic effects of cellular extract of cyanobacterium <i>Radiocystis fernandoi</i> containing microcystins RR and YR on neotropical fish ( <i>Hoplias malabaricus</i> ). <i>Chemosphere</i> , 2017, 175, 431-439.	8.2	25
51	Primary cell culture from gill explants of rainbow trout. <i>Journal of Fish Biology</i> , 1995, 47, 641-651.	1.6	24
52	Air-breathing behavior and physiological responses to hypoxia and air exposure in the air-breathing loricariid fish, <i>Pterygoplichthys anisitsi</i> . <i>Fish Physiology and Biochemistry</i> , 2013, 39, 243-256.	2.3	24
53	Adaptive plasticity of <i>Laguncularia racemosa</i> in response to different environmental conditions: integrating chemical and biological data by chemometrics. <i>Ecotoxicology</i> , 2014, 23, 335-348.	2.4	24
54	Differential biochemical responses to metal/metalloid accumulation in organs of an edible fish ( <i>Centropomus parallelus</i> ) from Neotropical estuaries. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 260-269.	6.0	24

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55	Stereological estimation of surface area and barrier thickness of fish gills in vertical sections. <i>Journal of Microscopy</i> , 2007, 225, 1-9.	1.8	23
56	Liver histopathology and accumulation of melano-macrophage centres in <i>Hoplias malabaricus</i> after long-term food deprivation and re-feeding. <i>Journal of Fish Biology</i> , 2007, 71, 1393-1406.	1.6	22
57	Ionic regulation and Na <sup>+</sup> /K <sup>+</sup> ATPase activity in gills and kidney of the freshwater stingray <i>Paratrygon aiereba</i> living in white and blackwaters in the Amazon Basin. <i>Journal of Fish Biology</i> , 2009, 74, 956-960.	1.6	22
58	Matching pollution with adaptive changes in mangrove plants by multivariate statistics. A case study, <i>Rhizophora mangle</i> from four neotropical mangroves in Brazil. <i>Chemosphere</i> , 2014, 108, 115-124.	8.2	22
59	Landfill leachate sludge use as soil additive prior and after electrocoagulation treatment: A cytological assessment using CHO-k1 cells. <i>Chemosphere</i> , 2016, 158, 66-71.	8.2	21
60	Chloride cell responses to long-term exposure to distilled and hard water in the gill of the armored catfish, <i>Hypostomus tietensis</i> (Loricariidae). <i>Acta Zoologica</i> , 2002, 83, 321-328.	0.8	20
61	Biochemical and genotoxic biomarkers and cell cycle assessment in the zebrafish liver (ZF-L) cell line exposed to the novel metal-insecticide magnesium-hesperidin complex. <i>Chemosphere</i> , 2020, 250, 126416.	8.2	20
62	Mitochondria-rich cells adjustments and ionic balance in the Neotropical fish <i>Prochilodus lineatus</i> exposed to titanium dioxide nanoparticles. <i>Aquatic Toxicology</i> , 2018, 200, 168-177.	4.0	19
63	Lead accumulation and its effects on the branchial physiology of <i>Prochilodus lineatus</i> . <i>Fish Physiology and Biochemistry</i> , 2014, 40, 645-657.	2.3	18
64	Effects of copper toxicity at different pH and temperatures on the in vitro enzyme activity in blood and liver of fish, <i>Prochilodus lineatus</i> . <i>Molecular Biology Reports</i> , 2019, 46, 4933-4942.	2.3	18
65	Biochemical and morphological biomarker responses in the gills of a Neotropical fish exposed to a new flavonoid metal-insecticide. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111459.	6.0	18
66	Utilization of endogenous reserves and effects of starvation on the health of <i>Prochilodus lineatus</i> (Prochilodontidae). <i>Environmental Biology of Fishes</i> , 2011, 91, 87-94.	1.0	17
67	Genotoxic and morphological damage in <i>Hippocampus reidi</i> exposed to crude oil. <i>Ecotoxicology and Environmental Safety</i> , 2013, 87, 1-9.	6.0	17
68	Subchronic exposure to diflubenzuron causes health disorders in neotropical freshwater fish, <i>Prochilodus lineatus</i> . <i>Environmental Toxicology</i> , 2016, 31, 533-542.	4.0	17
69	The occurrence of aerial respiration in <i>Rhinelepis strigosus</i> during progressive hypoxia. <i>Journal of Fish Biology</i> , 1998, 52, 369-379.	1.6	17
70	Implications for Osmorepiratory Compromise by Anatomical Remodeling in the Gills of <i>Arapaima gigas</i> . <i>Anatomical Record</i> , 2013, 296, 1664-1675.	1.4	16
71	Water-soluble fraction of petroleum induces genotoxicity and morphological effects in fat snook ( <i>Centropomus parallelus</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 275-282.	6.0	16
72	Effects of azithromycin on tilapia ( <i>Oreochromis niloticus</i> ): health status evaluation using biochemical, physiological and morphological biomarkers. <i>Aquaculture Research</i> , 2017, 48, 3669-3683.	1.8	16

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73	Effects of multiwalled carbon nanotubes co-exposure with cadmium on zebrafish cell line: Metal uptake and accumulation, oxidative stress, genotoxicity and cell cycle. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110892.	6.0	16
74	Physiological effects of gasoline on the freshwater fish <i>Prochilodus lineatus</i> (Characiformes:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T</i>	1.0	15
75	Crude extract of cyanobacteria ( <i>Radiocystis fernandoi</i> , strain R28) induces liver impairments in fish. <i>Aquatic Toxicology</i> , 2017, 182, 91-101.	4.0	15
76	Different trophodynamics between two proximate estuaries with differing degrees of pollution. <i>Science of the Total Environment</i> , 2021, 770, 144651.	8.0	15
77	Airborne particulate matter in an iron mining city: Characterization, cell uptake and cytotoxicity effects of nanoparticles from PM2.5, PM10 and PM20 on human lung cells. <i>Environmental Advances</i> , 2021, 6, 100125.	4.8	15
78	Functional morphology of gills and respiratory area of two active rheophilic fish species, <i>Plagioscion squamosissimus</i> and <i>Prochilodus scrofa</i> . <i>Journal of Fish Biology</i> , 1998, 52, 50-61.	1.6	15
79	Effects of hypoxia and petroleum on the genotoxic and morphological parameters of <i>Hippocampus reidi</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 408-414.	2.6	14
80	Respiratory gill surface area of a facultative air-breathing loricariid fish, <i>Rhinelepis strigosa</i> . <i>Canadian Journal of Zoology</i> , 1994, 72, 2009-2015.	1.0	12
81	Functional Morphology of the Gill in Amazonian Freshwater Stingrays ( <i>Chondrichthyes</i> :). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4</i> <i>Zoology</i> , 2010, 83, 19-32.	1.5	12
82	Biotransformations, Antioxidant System Responses, and Histopathological Indexes in the Liver of Fish Exposed to Cyanobacterial Extract. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1041-1051.	4.3	11
83	Biomarkers of the oxidative stress and neurotoxicity in tissues of the bullfrog, <i>Lithobates catesbeianus</i> to assess exposure to metals. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110560.	6.0	11
84	Bioconcentration and toxicological impacts of fipronil and 2,4-D commercial formulations (single). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4</i> <i>Zoology</i> , 2010, 83, 19-32.	5.3	11
85	Opercular epithelial cells: A simple approach for in vitro studies of cellular responses in fish. <i>Toxicology</i> , 2007, 230, 53-63.	4.2	10
86	Crude extract of cyanobacterium <i>Radiocystis fernandoi</i> strain R28 induces anemia and oxidative stress in fish erythrocytes. <i>Toxicol</i> , 2019, 169, 18-24.	1.6	10
87	Mitochondrial and lysosomal dysfunction induced by the novel metal-insecticide [Mg(hesp)2(phen)] in the zebrafish ( <i>Danio rerio</i> ) hepatocyte cell line (ZF-L). <i>Chemico-Biological Interactions</i> , 2019, 307, 147-153.	4.0	10
88	Morphological and histopathological changes in seahorse ( <i>Hippocampus reidi</i> ) gills after exposure to the water-accommodated fraction of diesel oil. <i>Marine Pollution Bulletin</i> , 2020, 150, 110769.	5.0	10
89	Multi-biomarkers approach to assess the impact of novel metal-insecticide based on flavonoid hesperidin on fish. <i>Environmental Pollution</i> , 2021, 268, 115758.	7.5	10
90	Concentration- and time-dependence toxicity of graphene oxide (GO) and reduced graphene oxide (rGO) nanosheets upon zebrafish liver cell line. <i>Aquatic Toxicology</i> , 2022, 248, 106199.	4.0	10

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91	Mitochondrion-rich cells distribution, Na <sup>+</sup> /K <sup>+</sup> -ATPase activity and gill morphometry of the Amazonian freshwater stingrays (Chondrichthyes: Potamotrygonidae). <i>Fish Physiology and Biochemistry</i> , 2011, 37, 523-531.	2.3	9
92	Biochemical and morphological biomarkers of the liver damage in the Neotropical fish, <i>Piaractus mesopotamicus</i> , injected with crude extract of cyanobacterium <i>Radiocystis fernandoi</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 15349-15356.	5.3	8
93	Gill Morphology and Na <sup>+</sup> /K <sup>+</sup> -ATPase Activity of <i>Gobionellus oceanicus</i> (Teleostei: Gobiidae) in an Estuarine System. <i>Biological Trace Element Research</i> , 2019, 187, 526-535.	3.5	8
94	Metallic nanoparticle contamination from environmental atmospheric particulate matter in the last slab of the trophic chain: Nanocrystallography, subcellular localization and toxicity effects. <i>Science of the Total Environment</i> , 2022, 814, 152685.	8.0	8
95	Mitochondria-rich cells changes induced by nitrite exposure in tambaqui ( <i>Colossoma macropomum</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	0.8	7
96	Osmoregulatory disturbance in Neotropical fish exposed to the crude extracts of the cyanobacterium, <i>Radiocystis fernandoi</i> . <i>Aquatic Toxicology</i> , 2019, 216, 105315.	4.0	7
97	Ecotoxicological evaluation of water from the Sorocaba River using an integrated analysis of biochemical and morphological biomarkers in bullfrog tadpoles, <i>Lithobates catesbeianus</i> (.). <i>Chemosphere</i> , 2021, 275, 130000.	8.2	7
98	Whole-body bioconcentration and biochemical and morphological responses of gills of the neotropical fish <i>Prochilodus lineatus</i> exposed to 2,4-dichlorophenoxyacetic acid or fipronil individually or in a mixture. <i>Aquatic Toxicology</i> , 2021, 240, 105987.	4.0	7
99	Breathing and respiratory adaptations. , 2020, , 217-250.		6
100	Environmental Influences on the Respiratory Physiology and Gut Chemistry of a Facultatively Air-breathing, Tropical Herbivorous Fish <i>Hypostomus regani</i> (Ihering, 1905). , 2016, , 191-218.		6
101	What is the most efficient respiratory organ for the loricariid air-breathing fish <i>Pterygoplichthys anisitsi</i> , gills or stomach? A quantitative morphological study. <i>Zoology</i> , 2016, 119, 526-533.	1.2	5
102	Sewage sludge hazardous assessment: chemical evaluation and cytological effects in CHO-k1 cells. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11069-11075.	5.3	5
103	Settleable atmospheric particulate matter induces stress and affects the oxygen-carrying capacity and innate immunity in Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109330.	2.6	5
104	Measurements of cholinesterase activity in the tropical freshwater cladoceran <i>Pseudosida ramosa</i> and its standardization as a biomarker. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 70-76.	6.0	4
105	Alternagin-C (ALT-C), a Disintegrin-Like Cys-Rich Protein Isolated from the Venom of the Snake <i>Rhinocerophis alternatus</i> , Stimulates Angiogenesis and Antioxidant Defenses in the Liver of Freshwater Fish, <i>Hoplias malabaricus</i> . <i>Toxins</i> , 2017, 9, 307.	3.4	4
106	Effects of food deprivation in muscle structure and composition of traÃra ( <i>Hoplias malabaricus</i> ): potential implications on flesh quality. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 465-471.	0.5	3
107	Humic acid of commercial origin causes changes in gill morphology of silver catfish <i>Rhamdia quelen</i> exposed to acidic water. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 504-512.	1.9	3
108	Gills Respiration and Ionic-Osmoregulation. , 2019, , 246-266.		3

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109	Proliferative response avoids mutagenic effects of titanium dioxide (TiO <sub>2</sub> ) nanoparticles in a zebrafish hepatocyte cell line. <i>Journal of Hazardous Materials Advances</i> , 2021, 4, 100036.	3.0	2
110	Gill dimensions in near-term embryos of Amazonian freshwater stingrays (Elasmobranchii: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Ichthyology, 2015, 13, 123-136.	1.0	1