

Adalto Bianchini

List of Publications by Year in descending order

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Version: 2024-02-01

215
papers

6,278
citations

70961

41
h-index

118652

62
g-index

216
all docs

216
docs citations

216
times ranked

6058
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of biomarkers to metals, hydrocarbons and organochlorine pesticides contamination in crabs (<i>Callinectes ornatus</i> and <i>C. bocourti</i>) from two tropical estuaries (SÃ£o JosÃ© and SÃ£o Marcos) Tj ETQq1 14027843145rgBT /Ome		
2	Avian blood and feathers as biological tools to track impacts from trace-metals: Bioaccumulation data from the biggest environmental disaster in Brazilian history. <i>Science of the Total Environment</i> , 2022, 807, 151077.	3.9	5
3	Temporal and spatial variations in metals and arsenic contamination in water, sediment and biota of freshwater, marine and coastal environments after the FundÃ£o dam failure. <i>Science of the Total Environment</i> , 2022, 806, 151340.	3.9	18
4	Biochemical response and metals bioaccumulation in planktonic communities from marine areas impacted by the FundÃ£o mine dam rupture (southeast Brazil). <i>Science of the Total Environment</i> , 2022, 806, 150727.	3.9	14
5	The influence of the Doce River mouth on the microbiome of nearby coastal areas three years after the FundÃ£o Dam failure, Brazil. <i>Science of the Total Environment</i> , 2022, 807, 151777.	3.9	7
6	Metal accumulation induces oxidative stress and alters carbonic anhydrase activity in corals and symbionts from the largest reef complex in the South Atlantic ocean. <i>Chemosphere</i> , 2022, 290, 133216.	4.2	5
7	Is citrate synthase an energy biomarker in Southwestern Atlantic corals? A comparative, biochemical approach under a simulated scenario of climate change. <i>Coral Reefs</i> , 2022, 41, 213.	0.9	0
8	Assessing multigenerational exposure to metals in elasmobranchs: Maternal transfer of contaminants in a yolk-sac viviparous species. <i>Marine Pollution Bulletin</i> , 2022, 175, 113364.	2.3	4
9	Health condition of <i>Chelonia mydas</i> from a foraging area affected by the tailings of a collapsed dam in southeast Brazil. <i>Science of the Total Environment</i> , 2022, 821, 153353.	3.9	11
10	Ecotoxicological impacts of the FundÃ£o dam failure in freshwater fish community: Metal bioaccumulation, biochemical, genetic and histopathological effects. <i>Science of the Total Environment</i> , 2022, 832, 154878.	3.9	13
11	Impacts of tailings of FundÃ£o dam (Brazil) rupture on marine fish: Metals bioaccumulation and physiological responses. <i>Marine Pollution Bulletin</i> , 2022, 177, 113511.	2.3	10
12	Marine shrimps as biomonitors of the FundÃ£o (Brazil) mine dam disaster: A multi-biomarker approach. <i>Environmental Pollution</i> , 2022, 305, 119245.	3.7	8
13	Maternal transfer of pharmaceuticals and personal care products in the Brazilian guitarfish <i>Pseudobatos horkelii</i> . <i>Environmental Advances</i> , 2022, 8, 100228.	2.2	4
14	Combined physiological and behavioral approaches as tools to evaluate environmental risk assessment of the water accommodated-fraction of diesel oil. <i>Aquatic Toxicology</i> , 2022, , 106230.	1.9	1
15	Metabolic status of the coral <i>Mussismilia harttii</i> in field conditions and the effects of copper exposure in vitro. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 240, 108924.	1.3	2
16	Maternal transfer of polycyclic aromatic hydrocarbons in an endangered elasmobranch, the Brazilian guitarfish. <i>Chemosphere</i> , 2021, 263, 128275.	4.2	12
17	Metal contamination in threatened elasmobranchs from an impacted urban coast. <i>Science of the Total Environment</i> , 2021, 757, 143803.	3.9	6
18	Influence of environmentally relevant concentrations of Zn, Cd and Ni and their binary mixtures on metal uptake, bioaccumulation and development in larvae of the purple sea urchin <i>Strongylocentrotus purpuratus</i> . <i>Aquatic Toxicology</i> , 2021, 230, 105709.	1.9	7

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19	Isolated and combined effects of thermal stress and copper exposure on the trophic behavior and oxidative status of the reef-building coral <i>Mussismilia harttii</i> . <i>Environmental Pollution</i> , 2021, 268, 115892.	3.7	6
20	Integrated biomarker responses in oysters <i>Crassostrea gasar</i> as an approach for assessing aquatic pollution of a Brazilian estuary. <i>Marine Environmental Research</i> , 2021, 165, 105252.	1.1	21
21	Aluminum bioconcentration in female Nile tilapia <i>Oreochromis niloticus</i> (Perciformes: Cichlidae) and the effects on pituitary gonadotropins. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 241, 108965.	1.3	1
22	Acute exposition to Roundup Transorb [®] induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (<i>Odontesthes humensis</i>). <i>Environmental Science and Pollution Research</i> , 2021, 28, 65127-65139.	2.7	8
23	Pollution levels and biomarker responses in zooplankton from three hydrographic regions of southern Brazil: An integrated approach for water quality monitoring. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106180.	3.3	9
24	Metal Accumulation and Ion Regulation in the Fish <i>Hyphessobrycon luetkenii</i> Living in a Site Chronically Contaminated by Copper: Insights from Translocation Experiments. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, , 1.	2.1	2
25	Elevated Temperature and Exposure to Copper Leads to Changes in the Antioxidant Defense System of the Reef-Building Coral <i>Mussismilia harttii</i> . <i>Frontiers in Physiology</i> , 2021, 12, 804678.	1.3	2
26	Ecotoxicological responses of a reef calcifier exposed to copper, acidification and warming: A multiple biomarker approach. <i>Environmental Pollution</i> , 2020, 257, 113572.	3.7	14
27	Arsenic, lead and cadmium concentrations in caudal crests of the yacare caiman (<i>Caiman yacare</i>) from Brazilian Pantanal. <i>Science of the Total Environment</i> , 2020, 707, 135479.	3.9	10
28	Short-term spatiotemporal biomarker changes in oysters transplanted to an anthropized estuary in Southern Brazil. <i>Science of the Total Environment</i> , 2020, 709, 136042.	3.9	15
29	Unravelling the different causes of nitrate and ammonium effects on coral bleaching. <i>Scientific Reports</i> , 2020, 10, 11975.	1.6	44
30	Larvae of the South Atlantic coral <i>Favia gravida</i> are tolerant to salinity and nutrient concentrations associated with river discharges. <i>Marine Environmental Research</i> , 2020, 161, 105118.	1.1	4
31	Contaminant screening and tissue distribution in the critically endangered Brazilian guitarfish <i>Pseudobatos horkelii</i> . <i>Environmental Pollution</i> , 2020, 265, 114923.	3.7	22
32	Acclimation history modulates effect size of calcareous algae (<i>Halimeda opuntia</i>) to herbicide exposure under future climate scenarios. <i>Science of the Total Environment</i> , 2020, 739, 140308.	3.9	6
33	Living on the Edge: Physiological and Kinetic Trade-Offs Shape Thermal Tolerance in Intertidal Crabs From Tropical to Sub-Antarctic South America. <i>Frontiers in Physiology</i> , 2020, 11, 312.	1.3	9
34	Combining elevated temperature with waterborne copper: Impacts on the energy metabolism of the killifish <i>Poecilia vivipara</i> . <i>Chemosphere</i> , 2020, 253, 126631.	4.2	16
35	Selection of biochemical and physiological parameters in the croaker <i>Micropogonias furnieri</i> as biomarkers of chemical contamination in estuaries using a generalized additive model (GAM). <i>Science of the Total Environment</i> , 2019, 647, 1456-1467.	3.9	18
36	Sizes, condition factors and sex ratios of the scattered populations of the small cichlid fish, <i>Alcolapia grahami</i> , that inhabits the lagoons and sites of Lake Magadi (Kenya), one of the most extreme aquatic habitat on Earth. <i>Environmental Biology of Fishes</i> , 2019, 102, 1265-1280.	0.4	5

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37	Life-time exposure to waterborne copper IV: Sperm quality parameters are negatively affected in the killifish <i>Poecilia vivipara</i> . <i>Chemosphere</i> , 2019, 236, 124332.	4.2	13
38	Transcriptional effects in the estuarine guppy <i>Poecilia vivipara</i> exposed to sanitary sewage in laboratory and in situ. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109411.	2.9	6
39	Energy metabolism enzymes inhibition by the combined effects of increasing temperature and copper exposure in the coral <i>Mussismilia harttii</i> . <i>Chemosphere</i> , 2019, 236, 124420.	4.2	25
40	Carbonic Anhydrase as a Biomarker of Global and Local Impacts: Insights from Calcifying Animals. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3092.	1.8	25
41	Oxidative stress biomarkers as potential tools in reef degradation monitoring: A study case in a South Atlantic reef under influence of the 2015–2016 El Niño/Southern Oscillation (ENSO). <i>Ecological Indicators</i> , 2019, 106, 105533.	2.6	23
42	Peroxynitrite Generation and Increased Heterotrophic Capacity Are Linked to the Disruption of the Coral–Dinoflagellate Symbiosis in a Scleractinian and Hydrocoral Species. <i>Microorganisms</i> , 2019, 7, 426.	1.6	25
43	Fasting in the ureotelic Lake Magadi tilapia, <i>Alcolapia grahami</i> , does not reduce its high metabolic demand, increasing its vulnerability to siltation events. , 2019, 7, coz060.		3
44	Effects of sublethal Cd, Zn, and mixture exposures on antioxidant defense and oxidative stress parameters in early life stages of the purple sea urchin <i>Strongylocentrotus purpuratus</i> . <i>Aquatic Toxicology</i> , 2019, 217, 105338.	1.9	11
45	Larval fish assemblages of the coastal area affected by the tailings of the collapsed dam in southeast Brazil. <i>Regional Studies in Marine Science</i> , 2019, 32, 100848.	0.4	20
46	The bioaccumulation of waterborne zinc in tissues of silver catfish (<i>Rhamdia quelen</i>) and its effect on biochemical parameters. <i>BioMetals</i> , 2019, 32, 241-249.	1.8	4
47	Carbonic anhydrase activity as a potential biomarker for acute exposure to copper in corals. <i>Chemosphere</i> , 2019, 227, 598-605.	4.2	16
48	Life-time exposure to waterborne copper III: Effects on the energy metabolism of the killifish <i>Poecilia vivipara</i> . <i>Chemosphere</i> , 2019, 227, 580-588.	4.2	22
49	An integrated approach in subtropical agro-ecosystems: Active biomonitoring, environmental contaminants, bioaccumulation, and multiple biomarkers in fish. <i>Science of the Total Environment</i> , 2019, 666, 508-524.	3.9	39
50	Waterborne copper is more toxic to the killifish <i>Poecilia vivipara</i> in elevated temperatures: Linking oxidative stress in the liver with reduced organismal thermal performance. <i>Aquatic Toxicology</i> , 2019, 209, 142-149.	1.9	36
51	Life-time exposure to waterborne copper II: Patterns of tissue accumulation and gene expression of the metal-transport proteins <i>ctr1</i> and <i>atp7b</i> in the killifish <i>Poecilia vivipara</i> . <i>Chemosphere</i> , 2019, 223, 257-262.	4.2	14
52	Physiological damages of <i>Sargassum cymosum</i> and <i>Hypnea pseudomusciformis</i> exposed to trace metals from mining tailing. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36486-36498.	2.7	12
53	Environmental health in southwestern Atlantic coral reefs: Geochemical, water quality and ecological indicators. <i>Science of the Total Environment</i> , 2019, 651, 261-270.	3.9	20
54	Copper exposure and seawater acidification interaction: Antagonistic effects on biomarkers in the zooxanthellate scleractinian coral <i>Mussismilia harttii</i> . <i>Aquatic Toxicology</i> , 2019, 206, 123-133.	1.9	26

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55	High arsenic and low lead concentrations in fish and reptiles from Taim wetlands, a Ramsar site in southern Brazil. <i>Science of the Total Environment</i> , 2019, 660, 1004-1014.	3.9	27
56	Roundup® Herbicide Decreases Quality Parameters of Spermatozoa of Silversides <i>Odontesthes Humensis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 1-6.	1.3	11
57	Oxidative stress in the hydrocoral <i>Millepora alcicornis</i> exposed to CO ₂ -driven seawater acidification. <i>Coral Reefs</i> , 2018, 37, 571-579.	0.9	13
58	Effects of life-time exposure to waterborne copper on the somatotropic axis of the viviparous fish <i>Poecilia vivipara</i> . <i>Chemosphere</i> , 2018, 203, 410-417.	4.2	25
59	Phylogenetic and environmental components of inter-specific variability in the antioxidant defense system in freshwater anomurans <i>Aegla</i> (Crustacea, Decapoda). <i>Scientific Reports</i> , 2018, 8, 2850.	1.6	7
60	Effects of Experimental Lead Exposure on Testis of the Chestnut Capped Blackbird <i>Chrysomus ruficapillus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 324-330.	1.3	12
61	Physiological effects of marine natural organic matter and metals in early life stages of the North Pacific native marine mussel <i>Mytilus trossulus</i> ; a comparison with the invasive <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2018, 135, 136-144.	1.1	4
62	A glyphosate-based herbicide reduces fertility, embryonic upper thermal tolerance and alters embryonic diapause of the threatened annual fish <i>Austrolebias nigrofasciatus</i> . <i>Chemosphere</i> , 2018, 196, 260-269.	4.2	39
63	Structural and physiological responses of <i>Halodule wrightii</i> to ocean acidification. <i>Protoplasma</i> , 2018, 255, 629-641.	1.0	10
64	Biochemical and physiological effects of nickel in the euryhaline crab <i>Neohelice granulata</i> (Dana, 1851) acclimated to different salinities. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 204, 51-62.	1.3	4
65	Copper uptake, patterns of bioaccumulation, and effects in glochidia (larvae) of the freshwater mussel (<i>Lampsilis cardium</i>). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1092-1103.	2.2	8
66	Effects of depth on reef fish communities: Insights of a "deep refuge hypothesis" from Southwestern Atlantic reefs. <i>PLoS ONE</i> , 2018, 13, e0203072.	1.1	28
67	Cadmium in tissues of green turtles (<i>Chelonia mydas</i>): A global perspective for marine biota. <i>Science of the Total Environment</i> , 2018, 637-638, 389-397.	3.9	15
68	Metal accumulation and expression of genes encoding for metallothionein and copper transporters in a chronically exposed wild population of the fish <i>Hyphessobrycon luetkenii</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 211, 25-31.	1.3	9
69	Expression of genes related to metal metabolism in the freshwater fish <i>Hyphessobrycon luetkenii</i> living in a historically contaminated area associated with copper mining. <i>Environmental Toxicology and Pharmacology</i> , 2018, 60, 146-156.	2.0	7
70	Testing biomarker feasibility: a case study of <i>Laeonereis culveri</i> (Nereididae, Annelida) exposed to sewage contamination in a subtropical estuary. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24181-24191.	2.7	2
71	Coral Bacterial-Core Abundance and Network Complexity as Proxies for Anthropogenic Pollution. <i>Frontiers in Microbiology</i> , 2018, 9, 833.	1.5	70
72	Disturbance in Na ⁺ regulation in cells rich in mitochondria isolated from gills of the yellow clam <i>Mesodesma mactroides</i> exposed to copper under different osmotic conditions. <i>Marine Environmental Research</i> , 2018, 140, 152-159.	1.1	3

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73	Combined effects of sea water acidification and copper exposure on the symbiont-bearing foraminifer <i>Amphistegina gibbosa</i> . <i>Coral Reefs</i> , 2017, 36, 489-501.	0.9	15
74	A comparative approach using biomarkers in feral and caged Neotropical fish: Implications for biomonitoring freshwater ecosystems in agricultural areas. <i>Science of the Total Environment</i> , 2017, 586, 598-609.	3.9	38
75	Erythrocyte nuclear abnormalities and leukocyte profile in the Antarctic fish <i>Notothenia coriiceps</i> after exposure to short- and long-term heat stress. <i>Polar Biology</i> , 2017, 40, 1755-1760.	0.5	15
76	Effects of increasing temperature on antioxidant defense system and oxidative stress parameters in the Antarctic fish <i>Notothenia coriiceps</i> and <i>Notothenia rossii</i> . <i>Journal of Thermal Biology</i> , 2017, 68, 110-118.	1.1	66
77	Antioxidant defense system and oxidative status in Antarctic fishes: The sluggish rockcod <i>Notothenia coriiceps</i> versus the active marbled notothen <i>Notothenia rossii</i> . <i>Journal of Thermal Biology</i> , 2017, 68, 119-127.	1.1	23
78	Upregulating Nrf2-dependent antioxidant defenses in Pacific oysters <i>Crassostrea gigas</i> : Investigating the Nrf2/Keap1 pathway in bivalves. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 195, 16-26.	1.3	20
79	Effects of CO ₂ -driven acidification of seawater on the calcification process in the calcareous hydrozoan <i>Millepora alcicornis</i> (Linnaeus, 1758). <i>Coral Reefs</i> , 2017, 36, 1133-1141.	0.9	15
80	Macroevolution of thermal tolerance in intertidal crabs from Neotropical provinces: A phylogenetic comparative evaluation of critical limits. <i>Ecology and Evolution</i> , 2017, 7, 3167-3176.	0.8	22
81	The Effects of Acute Copper and Ammonia Challenges on Ammonia and Urea Excretion by the Blue Crab <i>Callinectes sapidus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 461-470.	2.1	6
82	Effects of a glyphosate-based herbicide in pejerrey <i>Odontesthes humensis</i> embryonic development. <i>Chemosphere</i> , 2017, 185, 860-867.	4.2	31
83	Contrasting effects of a classic Nrf2 activator, tert-butylhydroquinone, on the glutathione-related antioxidant defenses in Pacific oysters, <i>Crassostrea gigas</i> . <i>Marine Environmental Research</i> , 2017, 130, 142-149.	1.1	9
84	Copper effects on biomarkers associated with photosynthesis, oxidative status and calcification in the Brazilian coral <i>Mussismilia harttii</i> (Scleractinia, Mussidae). <i>Marine Environmental Research</i> , 2017, 130, 248-257.	1.1	43
85	Effects of increasing temperature alone and combined with copper exposure on biochemical and physiological parameters in the zooxanthellate scleractinian coral <i>Mussismilia harttii</i> . <i>Aquatic Toxicology</i> , 2017, 190, 121-132.	1.9	45
86	Thiol oxidation of hemolymph proteins in oysters <i>Crassostrea brasiliana</i> as markers of oxidative damage induced by urban sewage exposure. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1833-1845.	2.2	9
87	Physiological effects of five different marine natural organic matters (NOMs) and three different metals (Cu, Pb, Zn) on early life stages of the blue mussel (<i>Mytilus galloprovincialis</i>). <i>PeerJ</i> , 2017, 5, e3141.	0.9	13
88	Metabolism and antioxidant defense in the larval chironomid <i>Tanytarsus minutipalpus</i> : Adjustments to diel variations in the extreme conditions of Lake Magadi. <i>Biology Open</i> , 2016, 6, 83-91.	0.6	7
89	Mammalian metabolic rates in the hottest fish on earth. <i>Scientific Reports</i> , 2016, 6, 26990.	1.6	22
90	Salinity influence on growth, osmoregulation and energy turnover in juvenile pompano <i>Trachinotus marginatus</i> Cuvier 1832. <i>Aquaculture</i> , 2016, 455, 63-72.	1.7	52

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91	Copper at low levels impairs memory of adult zebrafish (<i>Danio rerio</i>) and affects swimming performance of larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 185-186, 122-130.	1.3	34
92	Genetic and biochemical effects induced by iron ore, Fe and Mn exposure in tadpoles of the bullfrog <i>Lithobates catesbeianus</i> . <i>Aquatic Toxicology</i> , 2016, 174, 101-108.	1.9	38
93	Biomarkers of waterborne copper exposure in the Neotropical fish <i>Prochilodus lineatus</i> . <i>Aquatic Toxicology</i> , 2016, 170, 31-41.	1.9	56
94	Impaired regulation of divalent cations with acute copper exposure in the marine clam <i>Mesodesma mactroides</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 179, 79-86.	1.3	5
95	Metal contamination as a possible etiology of fibropapillomatosis in juvenile female green sea turtles <i>Chelonia mydas</i> from the southern Atlantic Ocean. <i>Aquatic Toxicology</i> , 2016, 170, 42-51.	1.9	63
96	Photocatalytic Degradation for Treating Multipesticide Residues Using [Ru(bipy) ₃] ²⁺ -Doped TiO ₂ /SiO ₂ -Based on Surface Response Methodology. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	1
97	A novel marine mesocosm facility to study global warming, water quality, and ocean acidification. <i>Ecology and Evolution</i> , 2015, 5, 4555-4566.	0.8	25
98	Impact of oil spills on coral reefs can be reduced by bioremediation using probiotic microbiota. <i>Scientific Reports</i> , 2015, 5, 18268.	1.6	105
99	Acclimation of juvenile <i>Mugil liza</i> Valenciennes, 1836 (Mugiliformes: Mugilidae) to different environmental salinities. <i>Neotropical Ichthyology</i> , 2015, 13, 591-598.	0.5	11
100	Effect of salinity on survival, growth and biochemical parameters in juvenile Lebranch mullet <i>Mugil liza</i> (Perciformes: Mugilidae). <i>Neotropical Ichthyology</i> , 2015, 13, 447-452.	0.5	46
101	Gill paracellular permeability and the osmorepiratory compromise during exercise in the hypoxia-tolerant Amazonian oscar (<i>Astronotus ocellatus</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015, 185, 741-754.	0.7	18
102	Bioconcentration of phenanthrene and metabolites in bile and behavioral alterations in the tropical estuarine guppy <i>Poecilia vivipara</i> . <i>Chemosphere</i> , 2015, 132, 17-23.	4.2	32
103	Effects of sodium chloride exposure on ion regulation in larvae (glochidia) of the freshwater mussel <i>Lampsilis fasciola</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 477-482.	2.9	9
104	Biochemical biomarkers in barnacles <i>Balanus improvisus</i> : Pollution and seasonal effects. <i>Marine Environmental Research</i> , 2015, 103, 74-79.	1.1	26
105	Acute copper toxicity in juvenile fat snook <i>Centropomus parallelus</i> (Teleostei: Centropomidae) in sea water. <i>Neotropical Ichthyology</i> , 2014, 12, 845-852.	0.5	6
106	Effects of copper exposure on the energy metabolism in juveniles of the marine clam <i>Mesodesma mactroides</i> . <i>Aquatic Toxicology</i> , 2014, 152, 30-37.	1.9	42
107	Concentrations and distributions of metals in tissues of stranded green sea turtles (<i>Chelonia mydas</i>) from the southern Atlantic coast of Brazil. <i>Science of the Total Environment</i> , 2014, 466-467, 109-118.	3.9	31
108	Influence of copper pre-exposure on biochemical responses of the sea anemone <i>Bunodosoma cangicum</i> to changes in oxygen availability. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 162, 34-42.	1.3	3

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109	Oxidative stress and DNA damage responses to phenanthrene exposure in the estuarine guppy <i>Poecilia vivipara</i> . <i>Marine Environmental Research</i> , 2014, 98, 96-105.	1.1	27
110	Sublethal mechanisms of Pb and Zn toxicity to the purple sea urchin (<i>Strongylocentrotus</i>) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50 702 Td	1.9	29
111	The Effects of Copper and Nickel on the Embryonic Life Stages of the Purple Sea Urchin (<i>Strongylocentrotus purpuratus</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 67, 453-464.	2.1	21
112	Responses of biomarkers in wild freshwater mussels chronically exposed to complex contaminant mixtures. <i>Ecotoxicology</i> , 2014, 23, 1345-1358.	1.1	33
113	Salinity-dependent copper accumulation in the guppy <i>Poecilia vivipara</i> is associated with CTR1 and ATP7B transcriptional regulation. <i>Aquatic Toxicology</i> , 2014, 152, 300-307.	1.9	30
114	Cobia <i>Rachycentron canadum</i> L. reared in low-salinity water: does dietary sodium chloride affect growth and osmoregulation?. <i>Aquaculture Research</i> , 2014, 45, 728-735.	0.9	8
115	Toxic effects of the herbicide Roundup in the guppy <i>Poecilia vivipara</i> acclimated to fresh water. <i>Aquatic Toxicology</i> , 2013, 142-143, 176-184.	1.9	64
116	Growth hormone overexpression generates an unfavorable phenotype in juvenile transgenic zebrafish under hypoxic conditions. <i>General and Comparative Endocrinology</i> , 2013, 194, 102-109.	0.8	27
117	Interactive effects of copper and dissolved organic matter on sodium uptake, copper bioaccumulation, and oxidative stress in juvenile freshwater mussels (<i>Lampsilis siliquoidea</i>). <i>Aquatic Toxicology</i> , 2013, 144-145, 105-115.	1.9	37
118	Isolation and fractionation of gill cells from freshwater (<i>Lasmigona costata</i>) and seawater (<i>Mesodesma mactroides</i>) bivalves for use in toxicological studies with copper. <i>Cytotechnology</i> , 2013, 65, 773-783.	0.7	25
119	Mortality, bioaccumulation and physiological responses in juvenile freshwater mussels (<i>Lampsilis</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 10 Tf 50 702 Td	1.9	71
120	Growth hormone transgenesis affects osmoregulation and energy metabolism in zebrafish (<i>Danio</i>) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50 702 Td	1.3	22
121	Ionic status, calcium uptake, and Ca ²⁺ -ATPase activity during early development in the purple sea urchin (<i>Strongylocentrotus purpuratus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 166, 272-277.	0.8	13
122	Metal and selenium concentrations in blood and feathers of petrels of the genus <i>procellaria</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1641-1648.	2.2	47
123	Biomarkers of waterborne copper exposure in the guppy <i>Poecilia vivipara</i> acclimated to salt water. <i>Aquatic Toxicology</i> , 2013, 138-139, 60-69.	1.9	49
124	A vortex-assisted MSPD method for the extraction of pesticide residues from fish liver and crab hepatopancreas with determination by GC-MS. <i>Talanta</i> , 2013, 112, 63-68.	2.9	63
125	Toxicity of lead and zinc to developing mussel and sea urchin embryos: Critical tissue residues and effects of dissolved organic matter and salinity. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 72-83.	1.3	23
126	Acute waterborne copper toxicity to the euryhaline copepod <i>Acartia tonsa</i> at different salinities: Influence of natural freshwater and marine dissolved organic matter. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1412-1419.	2.2	12

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127	Rh proteins and NH ₄ ⁺ -activated Na ⁺ -ATPase in the Magadi tilapia (<i>Alcolapia grahami</i>), a 100% ureotelic teleost fish. <i>Journal of Experimental Biology</i> , 2013, 216, 2998-3007.	0.8	35
128	ASSESSMENT OF WATER QUALITY IN COASTAL WATERS OF FERNANDO DE NORONHA, BRAZIL: BIOMARKER ANALYSES IN AMPHISTEGINA LESSONII. <i>Journal of Foraminiferal Research</i> , 2012, 42, 56-65.	0.1	32
129	Copper effects on key metabolic enzymes and mitochondrial membrane potential in gills of the estuarine crab <i>Neohelice granulata</i> at different salinities. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 156, 140-147.	1.3	37
130	Biochemical composition and performance of Atlantic cod (<i>Gadus morhua</i> L.) eggs and larvae obtained from farmed and wild broodstocks. <i>Aquaculture</i> , 2012, 324-325, 267-275.	1.7	53
131	Waterborne copper exposure inhibits ammonia excretion and branchial carbonic anhydrase activity in euryhaline guppies acclimated to both fresh water and sea water. <i>Aquatic Toxicology</i> , 2012, 122-123, 172-180.	1.9	50
132	Estimation of zooplankton secondary production in estuarine waters: Comparison between the enzymatic (chitobiase) method and mathematical models using crustaceans. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 416-417, 144-152.	0.7	26
133	Transepithelial potential in the Magadi tilapia, a fish living in extreme alkalinity. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2012, 182, 247-258.	0.7	25
134	Toxicity tests aiming to protect Brazilian aquatic systems: current status and implications for management. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1866.	2.1	25
135	Acute toxicity, accumulation and tissue distribution of copper in the blue crab <i>Callinectes sapidus</i> acclimated to different salinities: In vivo and in vitro studies. <i>Aquatic Toxicology</i> , 2011, 101, 88-99.	1.9	82
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137	Chitobiase of planktonic crustaceans from South Atlantic coast (Southern Brazil): Characterization and influence of abiotic parameters on enzyme activity. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 407, 323-329.	0.7	14
138	Biomarkers response to zinc exposure in the symbiont-bearing foraminifer <i>Amphistegina lessonii</i> (Amphisteginidae, Foraminifera). <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 407, 116-121.	0.7	36
139	Multibiomarker approach at different organization levels in the estuarine <i>Perinereis gualpensis</i> (Polychaeta; Nereididae) under chronic and acute pollution conditions. <i>Science of the Total Environment</i> , 2011, 410-411, 126-135.	3.9	18
140	Whole-body autoradiography: An efficient technique to study copper accumulation and body distribution in small organisms. <i>Chemosphere</i> , 2011, 85, 1-6.	4.2	4
141	mRNA Expression and activity of ion-transporting proteins in gills of the blue crab <i>Callinectes sapidus</i> : Effects of waterborne copper. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 206-211.	2.2	22
142	Mechanisms of copper accumulation in isolated mantle cells of the marine clam <i>Mesodesma mactroides</i> . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1586-1592.	2.2	19
143	Effect of copper on ion content in isolated mantle cells of the marine clam <i>Mesodesma mactroides</i> . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1582-1585.	2.2	27
144	Diphenyl diselenide potentiates nephrotoxicity induced by mercuric chloride in mice. <i>Journal of Applied Toxicology</i> , 2011, 31, 773-782.	1.4	10

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155	Antioxidant responses in different body regions of the polychaeta <i>Laeonereis acuta</i> (Nereididae) exposed to copper. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 388-393.	2.9	48
156	Lactational transfer of PCBs and chlorinated pesticides in pups of southern elephant seals (<i>Mirounga</i>) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	4.2	25
157	Reactive oxygen species generation and expression of DNA repair-related genes after copper exposure in zebrafish (<i>Danio rerio</i>) ZFL cells. <i>Aquatic Toxicology</i> , 2009, 95, 285-291.	1.9	53
158	Performance of <i>Farfantepenaeus paulensis</i> (Pérez-Farfante, 1967) broodstock in tanks with sand and hard substrate. <i>Aquaculture Research</i> , 2008, 39, 398-405.	0.9	14
159	Hormone-induced ovulation, natural spawning and larviculture of Brazilian flounder <i>Paralichthys orbignyanus</i> (Valenciennes, 1839). <i>Aquaculture Research</i> , 2008, 39, 712-717.	0.9	20
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162	Sodium uptake in different life stages of crustaceans: the water flea <i>Daphnia magna</i> Strauss. <i>Journal of Experimental Biology</i> , 2008, 211, 539-547.	0.8	54

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164	Mechanism of acute silver toxicity in the euryhaline copepod <i>Acartia tonsa</i> . <i>Aquatic Toxicology</i> , 2007, 82, 173-180.	1.9	39
165	Short-term silver accumulation in tissues of three marine invertebrates: Shrimp <i>Penaeus duorarum</i> , sea hare <i>Aplysia californica</i> , and sea urchin <i>Diadema antillarum</i> . <i>Aquatic Toxicology</i> , 2007, 84, 182-189.	1.9	18
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167	Effects of methyl parathion on <i>Chasmagnathus granulatus</i> hepatopancreas: Protective role of Sesamol. <i>Ecotoxicology and Environmental Safety</i> , 2007, 67, 100-108.	2.9	42
168	Pollution biomarkers in estuarine animals: Critical review and new perspectives. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 221-234.	1.3	214
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172	Application of public-domain statistical analysis software for evaluation and comparison of comet assay data. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 604, 71-82.	0.9	12
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175	Sexual and seasonal variations in osmoregulation and ionoregulation in the estuarine crab <i>Chasmagnathus granulatus</i> (Crustacea, Decapoda). <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 323, 118-137.	0.7	21
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179	Mechanism of acute silver toxicity in marine invertebrates. <i>Aquatic Toxicology</i> , 2005, 72, 67-82.	1.9	61
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187	Determination of Lipid Peroxides in Invertebrates Tissues Using the Fe(III) Xylenol Orange Complex Formation. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 45, 177-183.	2.1	132
188	The effects of aging on leukocyte glucocorticoid receptor concentration and response to dexamethasone in dogs. <i>Experimental Gerontology</i> , 2003, 38, 989-995.	1.2	9
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201	Evaluation of the effect of reactive sulfide on the acute toxicity of silver (I) to <i>Daphnia magna</i> . Part 1: Description of the chemical system. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1286-1293.	2.2	24
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