

Adalto Bianchini

List of Publications by Year in descending order

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215
papers

6,278
citations

70961

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62
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216
docs citations

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times ranked

6058
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Salinity effects on osmoregulation and growth of the euryhaline flounder <i>Paralichthys orbignyanus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 269, 187-196.	0.7	164
3	Mechanism of acute silver toxicity in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1361-1367.	2.2	158
4	Sodium turnover rate determines sensitivity to acute copper and silver exposure in freshwater animals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 287-303.	1.3	137
5	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
6	Oxidative stress responses in two populations of <i>Laeonereis acuta</i> (Polychaeta, Nereididae) after acute and chronic exposure to copper. <i>Marine Environmental Research</i> , 2004, 58, 1-17.	1.1	113
7	Acute Silver Toxicity in Aquatic Animals Is a Function of Sodium Uptake Rate. <i>Environmental Science & Technology</i> , 2002, 36, 1763-1766.	4.6	108
8	Antioxidant responses and oxidative stress after microcystin exposure in the hepatopancreas of an estuarine crab species. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 353-360.	2.9	108
9	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
10	Biomarkers in croakers <i>Micropogonias furnieri</i> (Teleostei: Sciaenidae) from polluted and non-polluted areas from the Patos Lagoon estuary (Southern Brazil): Evidences of genotoxic and immunological effects. <i>Marine Pollution Bulletin</i> , 2006, 52, 199-206.	2.3	89
11	Evaluation of the effect of reactive sulfide on the acute toxicity of silver (I) to <i>Daphnia magna</i> . Part 2: Toxicity results. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1294-1300.	2.2	86
12	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
13	Gill Na ⁺ ,K ⁺ -ATPase and osmoregulation in the estuarine crab, <i>Chasmagnathus granulata</i> Dana, 1851 (Decapoda, Grapsidae). <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 256, 215-227.	0.7	78
14	Lipids as energy source during salinity acclimation in the euryhaline crab <i>Chasmagnathus granulata</i> dana, 1851 (crustacea-grapsidae). <i>The Journal of Experimental Zoology</i> , 2003, 295A, 200-205.	1.4	78
15	Physiological and antioxidant enzyme responses to acute and chronic exposure of <i>Laeonereis acuta</i> (Polychaeta, Nereididae) to copper. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 277, 145-156.	0.7	76
16	Biomarkers of exposure and effect in the Brazilian flounder <i>Paralichthys orbignyanus</i> (Teleostei: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1. 207-213.	2.3	72
17	Mortality, bioaccumulation and physiological responses in juvenile freshwater mussels (<i>Lampsilis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.9 71	1.9	71
18	Coral Bacterial-Core Abundance and Network Complexity as Proxies for Anthropogenic Pollution. <i>Frontiers in Microbiology</i> , 2018, 9, 833.	1.5	70

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19	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
20	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
21	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
22	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
23	Mechanism of acute silver toxicity in marine invertebrates. <i>Aquatic Toxicology</i> , 2005, 72, 67-82.	1.9	61
24	Biochemical and physiological adaptations in the estuarine crab <i>Neohelice granulata</i> during salinity acclimation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 151, 423-436.	0.8	58
25	Physiological responses to acute silver exposure in the freshwater crayfish (<i>Cambarus diogenes</i>)	0.784314	57
26	Biomarkers of waterborne copper exposure in the Neotropical fish <i>Prochilodus lineatus</i> . <i>Aquatic Toxicology</i> , 2016, 170, 31-41.	1.9	56
27	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
28	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
29	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
30	Effects of <i>Anabaena spiroides</i> (cyanobacteria) aqueous extracts on the acetylcholinesterase activity of aquatic species. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1228-1235.	2.2	52
31	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
32	Lipid peroxidation induced by <i>Clinostomum detrunctum</i> in muscle of the freshwater fish <i>Rhamdia quelen</i> . <i>Diseases of Aquatic Organisms</i> , 2000, 42, 233-236.	0.5	51
33	Oxidative stress in <i>Laonereis acuta</i> (Polychaeta, Nereididae): environmental and seasonal effects. <i>Marine Environmental Research</i> , 2004, 58, 625-630.	1.1	50
34	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
35	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
36	Antioxidant responses in different body regions of the polychaeta <i>Laonereis acuta</i> (Nereididae) exposed to copper. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 388-393.	2.9	48

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37	Kinetic and toxicological characteristics of acetylcholinesterase from the gills of oysters (<i>Crassostrea rhizophorae</i>) and other aquatic species. <i>Marine Environmental Research</i> , 2002, 54, 781-785.	1.1	47
38	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
39	Effect of salinity on survival, growth and biochemical parameters in juvenile Lebranch mullet <i>Mugiliza</i> (Perciformes: Mugilidae). <i>Neotropical Ichthyology</i> , 2015, 13, 447-452.	0.5	46
40	Physiological effects of copper in the euryhaline copepod <i>Acartia tonsa</i> : Waterborne versus waterborne plus dietborne exposure. <i>Aquatic Toxicology</i> , 2007, 84, 62-70.	1.9	45
41	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
42	Toxicity of Nitrogenous Compounds to Juveniles of Flatfish <i>Paralichthys orbignyanus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 56, 453-459.	1.3	44
43	Unravelling the different causes of nitrate and ammonium effects on coral bleaching. <i>Scientific Reports</i> , 2020, 10, 11975.	1.6	44
44	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
45	Effects of copper and zinc on growth, feeding and oxygen consumption of <i>Farfantepenaeus paulensis</i> postlarvae (Decapoda: Penaeidae). <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 247, 233-242.	0.7	42
46	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
47	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
48	Mechanism of acute silver toxicity in the euryhaline copepod <i>Acartia tonsa</i> . <i>Aquatic Toxicology</i> , 2007, 82, 173-180.	1.9	39
49	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
50	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
51	Does sulfide or water hardness protect against chronic silver toxicity in <i>Daphnia magna</i> ? A critical assessment of the acute-to-chronic toxicity ratio for silver. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 32-40.	2.9	38
52	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
53	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
54	Acute copper toxicity in the euryhaline copepod <i>Acartia tonsa</i> : implications for the development of an estuarine and marine biotic ligand model. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1834-1840.	2.2	37

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55	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
56	Interactive effects of copper and dissolved organic matter on sodium uptake, copper bioaccumulation, and oxidative stress in juvenile freshwater mussels (<i>Lampsilis siluioidea</i>). <i>Aquatic Toxicology</i> , 2013, 144-145, 105-115.	1.9	37
57	Residues of Persistent Organochlorine Contaminants in Southern Elephant Seals (<i>Mirounga leonina</i>) from Elephant Island, Antarctica. <i>Environmental Science & Technology</i> , 2007, 41, 3829-3835.	4.6	36
58	Biomarkers response to zinc exposure in the symbiont-bearing foraminifer <i>Amphistegina lessonii</i> (<i>Amphisteginidae</i> , <i>Foraminifera</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 407, 116-121.	0.7	36
59	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
60	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
61	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
62	Responses of biomarkers in wild freshwater mussels chronically exposed to complex contaminant mixtures. <i>Ecotoxicology</i> , 2014, 23, 1345-1358.	1.1	33
63	Effects of Zinc Exposure on Oxygen Consumption and Gill Na ⁺ , K ⁺ -ATPase of the Estuarine Crab <i>Chasmagnathus granulata</i> Dana, 1851 (<i>Decapoda</i> — <i>Grapsidae</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 62, 63-69.	1.3	32
64	Mechanism of acute copper toxicity in euryhaline crustaceans: implications for the Biotic Ligand Model. <i>International Congress Series</i> , 2004, 1275, 189-194.	0.2	32
65	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
66	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
67	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
68	Effects of a glyphosate-based herbicide in pejerrey <i>Odontesthes humensis</i> embryonic development. <i>Chemosphere</i> , 2017, 185, 860-867.	4.2	31
69	Physiological responses to acute silver exposure in the freshwater crayfish (<i>Cambarus diogenes</i>) Tj ETQq1 1 0.784314 rgBT /Qyerlock 10	2.2	31
70	The effect of protein levels on growth, postprandial excretion and tryptic activity of juvenile mullet <i>Mugil platanus</i> (GÄ¼nther). <i>Aquaculture Research</i> , 2010, 41, 511-518.	0.9	30
71	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
72	Physiological effects of chronic silver exposure in <i>Daphnia magna</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 137-145.	1.3	29

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73	Sublethal mechanisms of Pb and Zn toxicity to the purple sea urchin (<i>Strongylocentrotus</i>) Tj ETQq1 1 0.784314 rgBT/Overlo 1.9 25		10
74	Effects of depth on reef fish communities: Insights of a "deep refuge hypothesis" from Southwestern Atlantic reefs. PLoS ONE, 2018, 13, e0203072.	1.1	28
75	ACUTE SILVER TOXICITY IN THE EURYHALINE COPEPOD ACARTIA TONSA: INFLUENCE OF SALINITY AND FOOD. Environmental Toxicology and Chemistry, 2007, 26, 2158.	2.2	27
76	Effect of copper on ion content in isolated mantle cells of the marine clam <i>Mesodesma mactroides</i> . Environmental Toxicology and Chemistry, 2011, 30, 1582-1585.	2.2	27
77	Growth hormone overexpression generates an unfavorable phenotype in juvenile transgenic zebrafish under hypoxic conditions. General and Comparative Endocrinology, 2013, 194, 102-109.	0.8	27
78	Oxidative stress and DNA damage responses to phenanthrene exposure in the estuarine guppy <i>Poecilia vivipara</i> . Marine Environmental Research, 2014, 98, 96-105.	1.1	27
79	High arsenic and low lead concentrations in fish and reptiles from Taim wetlands, a Ramsar site in southern Brazil. Science of the Total Environment, 2019, 660, 1004-1014.	3.9	27
80	Estimation of zooplankton secondary production in estuarine waters: Comparison between the enzymatic (chitobiase) method and mathematical models using crustaceans. Journal of Experimental Marine Biology and Ecology, 2012, 416-417, 144-152.	0.7	26
81	Biochemical biomarkers in barnacles <i>Balanus improvisus</i> : Pollution and seasonal effects. Marine Environmental Research, 2015, 103, 74-79.	1.1	26
82	Copper exposure and seawater acidification interaction: Antagonistic effects on biomarkers in the zooxanthellate scleractinian coral <i>Mussismilia harttii</i> . Aquatic Toxicology, 2019, 206, 123-133.	1.9	26
83	Lactational transfer of PCBs and chlorinated pesticides in pups of southern elephant seals (<i>Mirounga</i>) Tj ETQq1 1 0.784314 rgBT/Overlo 4.2 25		25
84	Sperm quality of Brazilian flounder <i>Paralichthys orbignyanus</i> throughout the reproductive season. Aquaculture Research, 2010, 41, e199-e207.	0.9	25
85	Toxicity tests aiming to protect Brazilian aquatic systems: current status and implications for management. Journal of Environmental Monitoring, 2011, 13, 1866.	2.1	25
86	Transepithelial potential in the Magadi tilapia, a fish living in extreme alkalinity. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 247-258.	0.7	25
87	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. Cytotechnology, 2013, 65, 773-783.	0.7	25
88	A novel marine mesocosm facility to study global warming, water quality, and ocean acidification. Ecology and Evolution, 2015, 5, 4555-4566.	0.8	25
89	Effects of life-time exposure to waterborne copper on the somatotrophic axis of the viviparous fish <i>Poecilia vivipara</i> . Chemosphere, 2018, 203, 410-417.	4.2	25
90	Energy metabolism enzymes inhibition by the combined effects of increasing temperature and copper exposure in the coral <i>Mussismilia harttii</i> . Chemosphere, 2019, 236, 124420.	4.2	25

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91	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
92	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
93	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
94	Antioxidant responses after microcystin exposure in gills of an estuarine crab species pre-treated with vitamin E. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 361-365.	2.9	24
95	Biochemical biomarkers in gills of mangrove oyster <i>Crassostrea rhizophorae</i> from three Brazilian estuaries. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 187-195.	1.3	23
96	Chronic copper toxicity in the estuarine copepod <i>Acartia tonsa</i> at different salinities. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2297-2303.	2.2	23
97	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
98	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
99	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
100	Metallothionein-like proteins in the blue crab <i>Callinectes sapidus</i> : Effect of water salinity and ions. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 152, 366-371.	0.8	22
101	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
102	Growth hormone transgenesis affects osmoregulation and energy metabolism in zebrafish (<i>Danio rerio</i>). <i>PLoS ONE</i> , 2010, 5, 1-10.	1.3	22
103	Mammalian metabolic rates in the hottest fish on earth. <i>Scientific Reports</i> , 2016, 6, 26990.	1.6	22
104	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
105	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
106	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
107	Toxicity and Accumulation of Mercury in Three Species of Crabs with Different Osmoregulatory Capacities. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 57, 91-98.	1.3	21
108	The effect of temperature, salinity and nitrogen products on food consumption of pink shrimp <i>Farfantepenaeus paulensis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2003, 46, 135-141.	0.5	21

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109	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
110	Diet influence on egg production of the copepod <i>Acartia tonsa</i> (Dana, 1896). <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 333-339.	0.3	21
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	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
113	Anticholinesterase effect of eserine (physostigmine) in fish and crustacean species. <i>Brazilian Archives of Biology and Technology</i> , 2001, 44, 63-68.	0.5	20
114	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
115	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
116	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
117	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
118	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
119	Growth of Juvenile Brazilian Flounder, <i>Paralichthys orbignyanus</i> , Cultured at Different Salinities. <i>Journal of Applied Aquaculture</i> , 2001, 11, 67-75.	0.7	18
120	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
121	The effects of salinity on acute and chronic nickel toxicity and bioaccumulation in two euryhaline crustaceans: <i>Litopenaeus vannamei</i> and <i>Excirrolana armata</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 409-419.	1.3	18
122	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
123	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
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130	Tolerance of Juvenile Flatfish <i>Paralichthys orbignyanus</i> to Acid Stress. <i>Journal of the World Aquaculture Society</i> , 1997, 28, 202-204.	1.2	15
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142	Methodological and biological aspects to be considered in acetylcholinesterase reactivation assays using 2-PAM. <i>Environmental Toxicology and Pharmacology</i> , 2000, 9, 39-47.	2.0	13
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