

Molecular biomarkers of oxidative stress in aquatic organisms exposed to environmental pollutants

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Detection of redox-based modification in two-dimensional electrophoresis proteomic separations. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 455-462.	1.0	64
2	Proteomics as a route to identification of toxicity targets in environmental toxicology. <i>Proteomics</i> , 2006, 6, 5597-5604.	1.3	129
3	Immunosuppression, hepatotoxicity and depression of antioxidant status by arecoline in albino mice. <i>Toxicology</i> , 2006, 227, 94-104.	2.0	69
4	In vitro free radical scavenging activity of hepatic metallothionein induced in an Indian freshwater fish, <i>Channa punctata</i> Bloch. <i>Chemico-Biological Interactions</i> , 2006, 162, 172-180.	1.7	47
5	Chapter 13 Scallops and marine contaminants. <i>Developments in Aquaculture and Fisheries Science</i> , 2006, , 745-764.	1.3	1
6	Oxidative stress in pied flycatcher (<i>Ficedula hypoleuca</i>) nestlings from metal contaminated environments in northern Sweden. <i>Environmental Research</i> , 2007, 105, 330-339.	3.7	80
7	Heavy-metal effects on lipid peroxidation and antioxidant defence enzymes in mussels <i>Mytilus galloprovincialis</i> . <i>Chemistry and Ecology</i> , 2007, 23, 361-371.	0.6	85
8	Specific Fluorescent Probe for 8-Oxoguanosine. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4500-4503.	7.2	53
10	Quantitation of 8-hydroxydeoxyguanosine in DNA by liquid chromatography/positive atmospheric pressure photoionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3949-3955.	0.7	12
11	Antioxidant N-acetylcysteine attenuates the acute liver injury caused by X-ray in mice. <i>European Journal of Pharmacology</i> , 2007, 575, 142-148.	1.7	34
12	Integrated use of biomarkers (superoxide dismutase, catalase and lipid peroxidation) in mussels <i>Mytilus galloprovincialis</i> for assessing heavy metals pollution in coastal areas from the Saronikos Gulf of Greece. <i>Marine Pollution Bulletin</i> , 2007, 54, 1361-1371.	2.3	241
13	Oxidative status of <i>Matricaria chamomilla</i> plants related to cadmium and copper uptake. <i>Ecotoxicology</i> , 2008, 17, 471-479.	1.1	49
14	Antioxidative role of selenium against the toxic effect of heavy metals (Cd ⁺² , Cr ⁺³) on liver of rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum 1792). <i>Fish Physiology and Biochemistry</i> , 2008, 34, 217-222.	0.9	61
15	Superoxide dismutase in the marine sponge <i>Cliona celata</i> . <i>Marine Biology</i> , 2008, 153, 807-813.	0.7	7
16	Physiological responses of <i>Matricaria chamomilla</i> to cadmium and copper excess. <i>Environmental Toxicology</i> , 2008, 23, 123-130.	2.1	38
17	Endosulfan induces oxidative stress and changes on detoxication enzymes in the aquatic macrophyte <i>Myriophyllum quitense</i> . <i>Phytochemistry</i> , 2008, 69, 1150-1157.	1.4	17
18	Effects of phenol in antioxidant metabolism in <i>Brycon amazonicus</i> (Teleostei; Characidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 136-142.	1.3	10
19	Identifying and Predicting Biological Risks Associated With Manufactured Nanoparticles in Aquatic Ecosystems. <i>Journal of Industrial Ecology</i> , 2008, 12, 286-296.	2.8	37

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20	Toxic effects of fluoranthene and copper on marine diatom <i>Phaeodactylum tricornutum</i> . <i>Journal of Environmental Sciences</i> , 2008, 20, 1363-1372.	3.2	70
21	Cholinesterases activities and lipid peroxidation levels in muscle from shelf and slope dwelling fish from the NW Mediterranean: Its potential use in pollution monitoring. <i>Science of the Total Environment</i> , 2008, 402, 306-317.	3.9	24
22	Metal accumulation and oxidative stress responses in, cultured and wild, white seabream from Northwest Atlantic. <i>Science of the Total Environment</i> , 2008, 407, 638-646.	3.9	42
23	Esterases activities and lipid peroxidation levels in muscle tissue of the shanny <i>Lipophrys pholis</i> along several sites from the Portuguese Coast. <i>Marine Pollution Bulletin</i> , 2008, 56, 999-1007.	2.3	23
24	Toxic Reactivity of Wheat (<i>Triticum aestivum</i>) Plants to Herbicide Isoproturon. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4825-4831.	2.4	139
25	Experimental exposure of the blue mussel (<i>Mytilus edulis</i> , L.) to the toxic dinoflagellate <i>Alexandrium fundyense</i> : Histopathology, immune responses, and recovery. <i>Harmful Algae</i> , 2008, 7, 702-711.	2.2	95
26	Study of Diseases and the Immune System of Bivalves Using Molecular Biology and Genomics. <i>Reviews in Fisheries Science</i> , 2008, 16, 133-156.	2.1	95
27	Oxidative stress and structure-activity relationship in the zebrafish (<i>Danio rerio</i>) under exposure to paclobutrazol. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008, 44, 44-50.	0.7	36
28	Oxidative damage in rainbow trout caged in a polluted river. <i>Marine Environmental Research</i> , 2008, 66, 90-91.	1.1	7
29	Protein carbonyls and antioxidant defenses in corkwing wrasse (<i>Symphodus melops</i>) from a heavy metal polluted and a PAH polluted site. <i>Marine Environmental Research</i> , 2008, 66, 271-277.	1.1	67
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31	Translational responses of <i>Mytilus galloprovincialis</i> to environmental pollution: Integrating the responses to oxidative stress and other biomarker responses into a general stress index. <i>Aquatic Toxicology</i> , 2008, 89, 18-27.	1.9	66
32	Enhancement of hypoxia-induced gene expression in fish liver by the aryl hydrocarbon receptor (Ahr) ligand, benzo[a]pyrene (BaP). <i>Aquatic Toxicology</i> , 2008, 90, 235-242.	1.9	46
33	Evaluating Microtox® as a tool for biodegradability assessment of partially treated solutions of pesticides using Fe ³⁺ and TiO ₂ solar photo-assisted processes. <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 546-555.	2.9	43
34	Oxidative stress biomarkers of the polychaete <i>Nereis diversicolor</i> exposed to cadmium and petroleum hydrocarbons. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 106-114.	2.9	67
35	Photo-induced toxicity of four polycyclic aromatic hydrocarbons, singly and in combination, to the marine diatom <i>Phaeodactylum tricornutum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 465-472.	2.9	38
36	Oxidative stress, evident in antioxidant defences and damage products, in rainbow trout caged outside a sewage treatment plant. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 370-378.	2.9	61
37	Evaluation of sex specificity on oxidative stress induced in lungs of mice irradiated by ¹² C ⁶⁺ ions. <i>Nuclear Science and Techniques/Hewuli</i> , 2008, 19, 17-21.	1.3	3

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38	Assessment of biological changes in wheat seedlings induced by 12C6+-ion irradiation. Nuclear Science and Techniques/Hewuli, 2008, 19, 138-141.	1.3	11
39	Modulation of Fenthion-Induced Oxidative Effects by BSO in the Liver of <i>Cyprinus carpio</i> L. Drug and Chemical Toxicology, 2008, 31, 353-369.	1.2	8
40	Antioxidant Responses and NRF2 in Synergistic Developmental Toxicity of PAHs in Zebrafish. Toxicological Sciences, 2009, 109, 217-227.	1.4	110
41	Effect of fenvalerate on oxidative stress biomarkers in the brackish water prawn <i>Penaeus monodon</i> . Pesticide Biochemistry and Physiology, 2009, 95, 113-116.	1.6	14
42	A method to measure total antioxidant capacity against peroxy radicals in aquatic organisms: Application to evaluate microcystins toxicity. Science of the Total Environment, 2009, 407, 2115-2123.	3.9	351
43	Multivariate discriminant analysis distinguishes metal- from non metal-related biomarker responses in the clam <i>Chamaelea gallina</i> . Marine Pollution Bulletin, 2009, 58, 64-71.	2.3	13
44	Radioprotective activity of betalains from red beets in mice exposed to gamma irradiation. European Journal of Pharmacology, 2009, 615, 223-227.	1.7	65
45	Comparison of cadmium and copper effect on phenolic metabolism, mineral nutrients and stress-related parameters in <i>Matricaria chamomilla</i> plants. Plant and Soil, 2009, 320, 231-242.	1.8	157
46	Assessing the toxicity of TBBPA and HBCD by zebrafish embryo toxicity assay and biomarker analysis. Environmental Toxicology, 2009, 24, 334-342.	2.1	54
47	Malathion-induced alteration of the antioxidant defence system in kidney, gill, and intestine of <i>Carassius auratus gibelio</i> . Environmental Toxicology, 2009, 24, 523-530.	2.1	37
48	Tissue-specific <i>in vivo</i> inhibition of cholinesterases by the organophosphate fenthion in <i>Oreochromis niloticus</i> . Environmental Toxicology, 2010, 25, 391-399.	2.1	3
49	The effects of selenium on oxidative stress biomarkers in the freshwater characid fish <i>Brycon cephalus</i> () exposed to organophosphate insecticide Folisuper 600 BRÁ® (methyl parathion). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 40-49.	1.3	68
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53	Toxicological responses in wheat <i>Triticum aestivum</i> under joint stress of chlorimuron-ethyl and copper. Ecotoxicology and Environmental Safety, 2009, 72, 2121-2129.	2.9	15
54	Oxidative stress responses in bivalves (<i>Scrobicularia plana</i> , <i>Cerastoderma edule</i>) from the Oued Sous estuary (Morocco). Ecotoxicology and Environmental Safety, 2009, 72, 765-769.	2.9	54
55	Characterisation of integrated stress biomarkers in two deep-sea crustaceans, <i>Aristeus antennatus</i> and <i>Nephrops norvegicus</i> , from the NW fishing grounds of the Mediterranean sea. Ecotoxicology and Environmental Safety, 2009, 72, 1455-1462.	2.9	26

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57	Prometryne-induced oxidative stress and impact on antioxidant enzymes in wheat. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1687-1693.	2.9	118
58	Biotransformation and antioxidant enzymes of <i>Limnoperna fortunei</i> detect site impact in watercourses of Córdoba, Argentina. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1871-1880.	2.9	32
59	Multi-level ecotoxicity assay on the aquatic midge, <i>Chironomus tentans</i> (Diptera, Chironomidae) exposed to octachlorostyrene. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 269-274.	2.0	16
60	Protective effect of grape seed proanthocyanidin extract against oxidative stress induced by cisplatin in rats. <i>Food and Chemical Toxicology</i> , 2009, 47, 1176-1183.	1.8	195
61	Cisplatin induced damage in kidney genomic DNA and nephrotoxicity in male rats: The protective effect of grape seed proanthocyanidin extract. <i>Food and Chemical Toxicology</i> , 2009, 47, 1499-1506.	1.8	90
62	Effect of broccoli (<i>Brassica oleracea</i>) and its phytochemical sulforaphane in balanced diets on the detoxification enzymes levels of tilapia (<i>Oreochromis niloticus</i>) exposed to a carcinogenic and mutagenic pollutant. <i>Chemosphere</i> , 2009, 74, 1145-1151.	4.2	32
63	Low toxic herbicide Roundup induces mild oxidative stress in goldfish tissues. <i>Chemosphere</i> , 2009, 76, 932-937.	4.2	192
64	Immunologic parameters evaluations in Nile tilapia (<i>Oreochromis niloticus</i>) exposed to sublethal concentrations of diazinon. <i>Fish and Shellfish Immunology</i> , 2009, 27, 383-385.	1.6	34
65	Genomic organization and mRNA expression of manganese superoxide dismutase (Mn-SOD) from <i>Hemibarbus mylodon</i> (Teleostei, Cypriniformes). <i>Fish and Shellfish Immunology</i> , 2009, 27, 571-576.	1.6	58
66	Toxicological and ecotoxic impact of secondary and tertiary treated sewage effluents. <i>Water Research</i> , 2009, 43, 5063-5074.	5.3	30
67	Genotoxicity of heptachlor and heptachlor epoxide in human TK6 lymphoblastoid cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 673, 87-91.	0.9	12
68	<i>Environmental Toxicology</i> , 2009, , 203-216.		0
69	Oxidative Stress More Strongly Induced by ortho- Than para-quinoid Polycyclic Aromatic Hydrocarbons in A549 Cells. <i>Journal of Health Science</i> , 2009, 55, 845-850.	0.9	59
70	Protective Effect of Kolaviron, a Biflavonoid from <i>Garcinia kola</i> Seeds, in Brain of Wistar Albino Rats Exposed to Gamma-Radiation. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 260-266.	0.6	40
71	Lipid peroxidation in the fungus <i>Curvularia lunata</i> exposed to nickel. <i>Archives of Microbiology</i> , 2010, 192, 135-141.	1.0	29
72	Oxidative Stress Biomarkers in the Digestive Gland of <i>Theba pisana</i> Exposed to Heavy Metals. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 58, 828-835.	2.1	62
73	Levels of DNA Adducts in the Blood and Follicular Fluid of Women Undergoing In Vitro Fertilization Treatment and Its Correlation with the Pregnancy Outcome. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 23-28.	1.3	13

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75	Effect of manure compost on the herbicide prometryne bioavailability to wheat plants. <i>Journal of Hazardous Materials</i> , 2010, 184, 337-344.	6.5	35
76	Influence of quercetin on the physiological response to cadmium stress in olive flounder, <i>Paralichthys olivaceus</i> : effects on hematological and biochemical parameters. <i>Molecular and Cellular Toxicology</i> , 2010, 6, 151-159.	0.8	9
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78	Aluminum-induced oxidative stress in lymphocytes of common carp (<i>Cyprinus carpio</i>). <i>Fish Physiology and Biochemistry</i> , 2010, 36, 875-882.	0.9	41
79	An assessment of drilling disturbance on <i>Echinus acutus</i> var. <i>norvegicus</i> based on in-situ observations and experiments using a remotely operated vehicle (ROV). <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 395, 37-47.	0.7	26
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81	Metal-related oxidative stress in birds. <i>Environmental Pollution</i> , 2010, 158, 2359-2370.	3.7	205
82	A multi-biomarker approach to assess the impact of farming systems on black tiger shrimp (<i>Penaeus</i>) Tj ETQq0 0 0 0 0 BT /Overlock 10 Tf	4.2	42
83	An integrated transcriptomic and proteomic approach characterizing estrogenic and metabolic effects of 17 β -ethinylestradiol in zebrafish (<i>Danio rerio</i>). <i>General and Comparative Endocrinology</i> , 2010, 167, 190-201.	0.8	77
84	Effects of pesticides and antibiotics on penaeid shrimp with special emphases on behavioral and biomarker responses. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 929-938.	2.2	37
85	The toxicity of naphthalene to marine <i>Chlorella vulgaris</i> under different nutrient conditions. <i>Journal of Hazardous Materials</i> , 2010, 178, 282-286.	6.5	67
86	Modulation of antioxidant defence system in brain of rainbow trout (<i>Oncorhynchus mykiss</i>) after chronic carbamazepine treatment. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 137-141.	1.3	57
87	Molecular cloning, characterization and mRNA expression of selenium-dependent glutathione peroxidase from abalone <i>Haliotis discus hannai</i> Ino in response to dietary selenium, zinc and iron. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 121-132.	1.3	21
88	Involvement of Na ⁺ /H ⁺ exchanger and respiratory burst enzymes NADPH oxidase and NO synthase, in Cd-induced lipid peroxidation and DNA damage in haemocytes of mussels. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 346-352.	1.3	30
89	Lessons from a transplantation of zebra mussels into a small urban river: An integrated ecotoxicological assessment. <i>Environmental Toxicology</i> , 2010, 25, 468-478.	2.1	62
90	The ecological significance of antioxidants and oxidative stress: a marriage between mechanistic and functional perspectives. <i>Functional Ecology</i> , 2010, 24, 947-949.	1.7	60
91	Redox physiology in animal function: The struggle of living in an oxidant environment. <i>Environmental Epigenetics</i> , 2010, 56, 687-702.	0.9	24

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92	Seasonal Variations of the Activity of Antioxidant Defense Enzymes in the Red Mullet (<i>Mullus barbatus</i>) Tj ETQq0 0.0,rgBT /Overlock 10	2.2	48
93	The use of liver histopathology, lipid peroxidation and acetylcholinesterase assays as biomarkers of contaminant-induced stress in the Cape stumpnose, <i>Rhabdosargus holubi</i> (Teleostei) Tj ETQq1 1 0.784314,rgBT /Overlock 10	0.784314	20
94	Oxidative Stress and Growth Behavior Responses of Marine Diatoms <i>Phaeodactylum Tricornutum</i> and <i>Skeletonema Costatum</i> to Three Typical Persistent Organic Pollutants. , 2010, , .		1
95	Response of the Pacific oyster <i>Crassostrea gigas</i> , Thunberg 1793, to pesticide exposure under experimental conditions. <i>Journal of Experimental Biology</i> , 2010, 213, 4010-4017.	0.8	39
96	NMR-based metabonomic study of the sub-acute toxicity of titanium dioxide nanoparticles in rats after oral administration. <i>Nanotechnology</i> , 2010, 21, 125105.	1.3	154
97	Hepatic biomarkers of xenobiotic metabolism in eighteen marine fish from NW Mediterranean shelf and slope waters in relation to some of their biological and ecological variables. <i>Marine Environmental Research</i> , 2010, 70, 181-188.	1.1	44
98	The effects of pollution on the vitamins A, E, C, Î²-carotene contents and oxidative stress of the freshwater crayfish, <i>Astacus leptodactylus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 138-142.	2.9	33
99	Biomarkers and heavy metal bioaccumulation in mussels transplanted to coastal waters of the Beagle Channel. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 270-279.	2.9	63
100	Comparative study about the effects of pollution on glass and yellow eels (<i>Anguilla anguilla</i>) from the estuaries of Minho, Lima and Douro Rivers (NW Portugal). <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 524-533.	2.9	40
101	Biochemical biomarkers in <i>Oreochromis niloticus</i> exposed to mixtures of benzo[a]pyrene and diazinon.. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 858-863.	2.9	35
102	Beneficial effect of pine honey on trichlorfon induced some biochemical alterations in mice. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1084-1091.	2.9	38
103	Immunotoxicity and oxidative stress in the Arctic scallop <i>Chlamys islandica</i> : Effects of acute oil exposure. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1440-1448.	2.9	77
104	Variability of responses in the crucian carp <i>Carassius carassius</i> from two Ukrainian ponds determined by multi-marker approach. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1896-1906.	2.9	18
105	Muscular cholinesterase activities and lipid peroxidation levels as biomarkers in several Mediterranean marine fish species and their relationship with ecological variables. <i>Environment International</i> , 2010, 36, 202-211.	4.8	36
106	Diclofenac-enriched artificial sediment induces oxidative stress in <i>Hyalella azteca</i> . <i>Environmental Toxicology and Pharmacology</i> , 2010, 29, 39-43.	2.0	63
107	Early-age changes in oxidative stress in brown trout, <i>Salmo trutta</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 442-448.	0.7	29
108	Cloning and functional characterization of a typical 2-Cys peroxiredoxin from southern bluefin tuna (<i>Thunnus maccoyii</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 97-106.	0.7	20
109	Oxidative stress response and gene expression with atrazine exposure in adult female zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314,rgBT /Overlock 10	4.2	364

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110	Effects of the model PAH phenanthrene on immune function and oxidative stress in the haemolymph of the temperate scallop <i>Pecten maximus</i> . <i>Chemosphere</i> , 2010, 78, 779-784.	4.2	129
111	The role of selenium-dependent glutathione peroxidase (Se-GPx) against oxidative and genotoxic effects of mercury in haemocytes of mussel <i>Mytilus galloprovincialis</i> (Lmk.). <i>Toxicology in Vitro</i> , 2010, 24, 1363-1372.	1.1	54
112	Sublethal effects of the organic antifoulant Mexel®432 on osmoregulation and xenobiotic detoxification in the flatfish <i>Solea senegalensis</i> . <i>Chemosphere</i> , 2010, 79, 78-85.	4.2	22
113	Biomarkers of oxidative stress in the land snail, <i>Theba pisana</i> for assessing ecotoxicological effects of urban metal pollution. <i>Chemosphere</i> , 2010, 79, 40-46.	4.2	79
114	Analyses of paralytic shellfish toxins and biomarkers in a southern Brazilian reservoir. <i>Toxicon</i> , 2010, 55, 396-406.	0.8	56
115	Oxidative stress induced on <i>Cyprinus carpio</i> by contaminants present in the water and sediment of Madãn Reservoir. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 155-160.	0.9	18
116	Do <i>Lithobates catesbeianus</i> tadpoles acclimatise to sub-lethal copper?. <i>International Journal of Environment and Health</i> , 2010, 4, 342.	0.3	6
117	Adenosine-1,3-diazaphenoxazine Derivative for Selective Base Pair Formation with 8-Oxo-2-deoxyguanosine in DNA. <i>Journal of the American Chemical Society</i> , 2011, 133, 7272-7275.	6.6	49
118	Teratogenicity and Embryotoxicity in Aquatic Organisms After Pesticide Exposure and the Role of Oxidative Stress. <i>Reviews of Environmental Contamination and Toxicology</i> , 2011, 211, 25-61.	0.7	30
119	Integrated survey of water pollution in the Suquã River basin (Cãrdoba, Argentina). <i>Journal of Environmental Monitoring</i> , 2011, 13, 398-409.	2.1	57
120	Resistance Level and Metabolism of Barnyard-Grass (<i>Echinochloa crusgalli</i> (L.) Beauv.) Populations to Quizalofop-p-ethyl in Heilongjiang Province, China. <i>Agricultural Sciences in China</i> , 2011, 10, 1914-1922.	0.6	23
125	Selenium in water enhances antioxidant defenses and protects against copper-induced DNA damage in the blue mussel <i>Mytilus edulis</i> . <i>Aquatic Toxicology</i> , 2011, 101, 64-71.	1.9	55
126	Environmentally induced oxidative stress in aquatic animals. <i>Aquatic Toxicology</i> , 2011, 101, 13-30.	1.9	1,898
127	Evaluation of oxidative stress biomarkers in <i>Zosterisessor ophiocephalus</i> from the Venice Lagoon, Italy. <i>Aquatic Toxicology</i> , 2011, 101, 512-520.	1.9	23
128	Translational responses and oxidative stress of mussels experimentally exposed to Hg, Cu and Cd: One pattern does not fit at all. <i>Aquatic Toxicology</i> , 2011, 105, 157-165.	1.9	48
129	Transcriptional regulation of selenium-dependent glutathione peroxidase from <i>Venerupis philippinarum</i> in response to pathogen and contaminants challenge. <i>Fish and Shellfish Immunology</i> , 2011, 31, 831-837.	1.6	33
130	Subchronic effects of dipyrone on the fish species <i>Rhamdia quelen</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 342-349.	2.9	41
131	Chronic effects induced by ibuprofen on the freshwater bivalve <i>Dreissena polymorpha</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1586-1594.	2.9	123

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132	The antioxidant effect of wheat germ oil on subchronic coumaphos exposure in mice. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2119-2125.	2.9	30
133	Oxidative stress and DNA damage in relation to transition metals overload in Abu-Qir Bay, Egypt. <i>Journal of Genetic Engineering and Biotechnology</i> , 2011, 9, 51-58.	1.5	11
134	Non-steroidal anti-inflammatory drug (NSAID) ibuprofen distresses antioxidant defense system in mussel <i>Mytilus galloprovincialis</i> gills. <i>Aquatic Toxicology</i> , 2011, 105, 264-269.	1.9	65
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137	The impact of metals on the reproductive mechanisms of the ascidian <i>Ciona intestinalis</i> . <i>Marine Ecology</i> , 2011, 32, 222-231.	0.4	26
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399	Toxicity of environmental Gesagard to goldfish may be connected with induction of low intensity oxidative stress in concentration- and tissue-related manners. <i>Aquatic Toxicology</i> , 2015, 165, 249-258.	1.9	11
400	Growth, metabolism of <i>Phanerochaete chrysosporium</i> and route of lignin degradation in response to cadmium stress in solid-state fermentation. <i>Chemosphere</i> , 2015, 138, 560-567.	4.2	30
401	Toxic effects of nitenpyram on antioxidant enzyme system and DNA in zebrafish (<i>Danio rerio</i>) livers. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 54-60.	2.9	71
402	Innate immunity and antioxidant systems in different tissues of sea bass (<i>Dicentrarchus labrax</i>) exposed to crude oil dispersed mechanically or chemically with Corexit 9500. <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 270-278.	2.9	18
403	Gene expression as an indicator of the molecular response and toxicity in the bacterium <i>Shewanella oneidensis</i> and the water flea <i>Daphnia magna</i> exposed to functionalized gold nanoparticles. <i>Environmental Science: Nano</i> , 2015, 2, 615-629.	2.2	38

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405	Aroclor 1254 inhibits cell viability and induces apoptosis of human A549 lung cancer cells by modulating the intracellular Ca ²⁺ level and ROS production through the mitochondrial pathway. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 806-813.	0.9	11
406	High environmental ammonia elicits differential oxidative stress and antioxidant responses in five different organs of a model estuarine teleost (<i>Dicentrarchus labrax</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 174-175, 21-31.	1.3	31
407	<i>Ruditapes philippinarum</i> and <i>Ruditapes decussatus</i> under Hg environmental contamination. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11890-11904.	2.7	32
408	The antioxidant response of <i>Lemna paucicostata</i> upon phenol exposure. <i>Toxicology and Environmental Health Sciences</i> , 2015, 7, 73-81.	1.1	7
409	Teratogenicity, genotoxicity and oxidative stress in zebrafish embryos (<i>Danio rerio</i>) co-exposed to arsenic and atrazine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 172-173, 7-12.	1.3	71
410	Linking biochemical perturbations in tissues of the African catfish to the presence of polycyclic aromatic hydrocarbons in Ovia River, Niger Delta region. <i>Environmental Pollution</i> , 2015, 201, 42-49.	3.7	15
411	Effects of Thermal Stressors on Growth-Related Gene Expressions in Cultured Fish. , 2015, , 147-157.		4
412	Active and passive biomonitoring suggest metabolic adaptation in blue mussels (<i>Mytilus</i> spp.) chronically exposed to a moderate contamination in Brest harbor (France). <i>Aquatic Toxicology</i> , 2015, 162, 126-137.	1.9	52
413	Cyhalofop-butyl has the potential to induce developmental toxicity, oxidative stress and apoptosis in early life stage of zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2015, 203, 40-49.	3.7	98
414	Molecular cloning and characterization of a cytoplasmic manganese superoxide dismutase and a mitochondrial manganese superoxide dismutase from Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2015, 47, 407-417.	1.6	22
415	Relation between increased oxidative stress and histological abnormalities in the ovaries of <i>Alburnus tarichi</i> in Lake Van, Turkey. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 702.	1.3	10
416	Oxidative Stress Responses in Aquatic and Marine Fishes. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 481-493.	0.4	3
417	Dietary pantothenic acid depressed the gill immune and physical barrier function via NF- κ B, TOR, Nrf2, p38MAPK and MLCK signaling pathways in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2015, 47, 500-510.	1.6	28
418	Antioxidative responses of <i>Pseudomonas fluorescens</i> YZ2 to simultaneous exposure of Zn and Cefradine. <i>Ecotoxicology</i> , 2015, 24, 1788-1797.	1.1	6
419	Energy and Antioxidant Responses of Pacific Oyster Exposed to Trace Levels of Pesticides. <i>Chemical Research in Toxicology</i> , 2015, 28, 1831-1841.	1.7	16
420	An Assessment of Morphological, Physiological and Biochemical Biomarkers of Industrial Air Pollution in the Leaves of <i>Brachylaena discolor</i> . <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	11
421	Using Heavy Metal Content and Lipid Peroxidation Indicators in the Tissues of the Mussel <i>Crenomytilus grayanus</i> for Pollution Assessment After Marine Environmental Remediation. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 481-487.	1.3	18

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423	Mixtures of benzo(a)pyrene, dichlorodiphenyltrichloroethane and tributyltin are more toxic to neotropical fish <i>Rhamdia quelen</i> than isolated exposures. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 106-115.	2.9	28
424	Naproxen-Enriched Artificial Sediment Induces Oxidative Stress and Genotoxicity in <i>Hyalella azteca</i> . <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	25
425	Oxidative damage and antioxidant defence parameters in the Antarctic bivalve <i>Laternula elliptica</i> as biomarkers for pollution impacts. <i>Polar Biology</i> , 2015, 38, 1741-1752.	0.5	9
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427	Harmful Effects of the Dermal Intake of Commercial Formulations Containing Chlorpyrifos, 2,4-D, and Glyphosate on the Common Toad <i>Rhinella arenarum</i> (Anura: Bufonidae). <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	38
428	Enantioselective bioaccumulation of hexaconazole and its toxic effects in adult zebrafish (<i>Danio rerio</i>). <i>Overlook</i> , 2015, 10, 50-58.	4.2	58
429	Short and long-term exposure to diclofenac alter oxidative stress status in common carp <i>Cyprinus carpio</i> . <i>Ecotoxicology</i> , 2015, 24, 527-539.	1.1	34
430	Transcriptomic resources for environmental risk assessment: a case study in the Venice lagoon. <i>Environmental Pollution</i> , 2015, 197, 90-98.	3.7	31
431	Toxicity of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> in aqueous suspension on the South American common frog <i>Leptodactylus latrans</i> (Anura: Leptodactylidae) tadpoles. <i>Environmental Research</i> , 2015, 136, 205-212.	3.7	42
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433	Environmentally relevant concentrations of galaxolide (HHCB) and tonalide (AHTN) induced oxidative and genetic damage in <i>Dreissena polymorpha</i> . <i>Journal of Hazardous Materials</i> , 2015, 285, 1-10.	6.5	71
434	Effects of cadmium and 17 β -estradiol on <i>Mytilus galloprovincialis</i> redox status. Prooxidant-antioxidant balance (PAB) as a novel approach in biomonitoring of marine environments. <i>Marine Environmental Research</i> , 2015, 103, 80-88.	1.1	14
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436	Effect of titanium dioxide nanoparticles on the bioavailability, metabolism, and toxicity of pentachlorophenol in zebrafish larvae. <i>Journal of Hazardous Materials</i> , 2015, 283, 897-904.	6.5	131
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441	Chlorpyrifos inhibits cell proliferation through ERK1/2 phosphorylation in breast cancer cell lines. Chemosphere, 2015, 120, 343-350.	4.2	57
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446	The Effect of PM 10 on Ischemia- Reperfusion Induced Arrhythmias in Rats. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	0
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456	Simulated leakage of high pCO ₂ water negatively impacts bivalve dominated infaunal communities from the Western Baltic Sea. Scientific Reports, 2016, 6, 31447.	1.6	21
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459	Reproductive effects in hybrid sparrow from a polluted area in Tunisia: Oxidative damage and altered testicular histomorphology. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 164-170.	2.9	10
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472	Quality decline and oxidative damage in sperm of freshwater crab <i>Sinopotamon henanense</i> exposed to lead. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 193-198.	2.9	16
473	Dietary nano-selenium relieves hypoxia stress and, improves immunity and disease resistance in the Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2016, 54, 481-488.	1.6	57
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477	Is the Oxidative Stress Really a Disease?. <i>Acta Marisiensis - Seria Medica</i> , 2016, 62, 112-120.	0.3	7
478	Biomarker responses of mussels exposed to earthquake disturbances. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 98-111.	0.9	8
479	Dietary vitamin C deficiency depressed the gill physical barriers and immune barriers referring to Nrf2, apoptosis, MLCK, NF- κ B and TOR signaling in grass carp (<i>Ctenopharyngodon idella</i>) under infection of <i>Flavobacterium columnare</i> . <i>Fish and Shellfish Immunology</i> , 2016, 58, 177-192.	1.6	42
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481	Evaluation of genotoxic potential throughout the upper and middle stretches of Adige river basin. <i>Science of the Total Environment</i> , 2016, 571, 1383-1391.	3.9	22
482	Oxidative stress in two tropical species after exposure to diesel oil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20952-20962.	2.7	14
483	Copper exposure reduces production of red carotenoids in a marine copepod. <i>Ecological Indicators</i> , 2016, 70, 393-400.	2.6	14
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485	The biology of environmental stress: molecular biomarkers in Sydney rock oysters (<i>Saccostrea</i>) Tj ETQq1 1 0.784314rgBT /Oygrlock 10	1.7	10
486	Carbon and Metal Quantum Dots toxicity on the microalgae <i>Chlorella pyrenoidosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 211-217.	2.9	74
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493	Phospholipid changes in <i>Rhinella arenarum</i> embryos under different acclimation conditions to copper. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 189, 10-16.	1.3	6

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495	Target organs of the Manila clam <i>Ruditapes philippinarum</i> for studying metal accumulation and biomarkers in pollution monitoring: laboratory and in-situ transplantation experiments. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 478.	1.3	16
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497	Acute Toxicity of Metaldehyde in the Invasive Rice Snail <i>Pomacea canaliculata</i> and Sublethal Effects on Tadpoles of a Non-target Species (<i>Rhinella arenarum</i>). <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	21
498	Liver alterations in <i>Oreochromis niloticus</i> (Pisces) induced by insecticide imidacloprid: Histopathology and heat shock protein <i>in situ</i> localization. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 881-887.	0.7	30
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504	Anti-oxidative functions of mt2 and smtB mRNA expression in the gills and brain of zebrafish (<i>Danio</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	7
505	Growth inhibition and oxidative stress induced by 1-octyl-3-methylimidazolium bromide on the marine diatom <i>Skeletonema costatum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 170-177.	2.9	30
506	Relationships between concentrations of selected organohalogen contaminants and thyroid hormones and vitamins A, E and D in Faroese pilot whales. <i>Environmental Research</i> , 2016, 148, 386-400.	3.7	13
507	Early Life Exposure to Ractopamine Causes Endocrine-Disrupting Effects in Japanese Medaka (<i>Oryzias</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 5	1.3	18
508	In situ experiments to assess effects of constraints linked to caging on ecotoxicity biomarkers of the three-spined stickleback (<i>Gasterosteus aculeatus</i> L.). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 643-657.	0.9	15
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515	Biosensor-based comparison of the ecotoxicological contamination of the wastewaters of Southern Russia and Southern Germany. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 945-954.	1.8	15
516	In vitro study of the effect of metabolism enzymes on benzo(a)pyrene-induced DNA damage in the scallop <i>Chlamys farreri</i> . <i>Environmental Toxicology and Pharmacology</i> , 2016, 42, 92-98.	2.0	21
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518	Effects of β -diketone antibiotic mixtures on behavior of zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2016, 144, 2195-2205.	4.2	41
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520	The use of <i>Cerastoderma glaucum</i> as a sentinel and bioindicator species: Take-home message. <i>Ecological Indicators</i> , 2016, 62, 228-241.	2.6	20
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523	Studies on biomarkers of oxidative stress and associated genotoxicity and histopathology in <i>Channa punctatus</i> from heavy metal polluted canal. <i>Chemosphere</i> , 2016, 151, 210-219.	4.2	90
524	Biomarkers of oxidative stress and metal accumulation in marsh frog (<i>Pelophylax ridibundus</i>). <i>Environmental Science and Pollution Research</i> , 2016, 23, 9649-9659.	2.7	12
525	Effects of ethanol extract of propolis on histopathological changes and antioxidant defense of kidney in a rat model for type 1 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2016, 7, 506-513.	1.1	52
526	Interspecific differences in the antioxidant capacity of two Laridae species exposed to metals. <i>Environmental Research</i> , 2016, 147, 115-124.	3.7	18
527	Disturbance effects of PM10 on iNOS and eNOS mRNA expression levels and antioxidant activity induced by ischemia-reperfusion injury in isolated rat heart: protective role of vanillic acid. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5154-5165.	2.7	52
528	Assessing toxic effects of [Omim]Cl and [Omim]BF4 in zebrafish adults using a biomarker approach. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7360-7368.	2.7	35
529	Antioxidative responses of the tissues of two wild populations of <i>Pelophylax kl. esculentus</i> frogs to heavy metal pollution. <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 21-29.	2.9	27

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531	Bioaccumulation, oxidative stress and genotoxicity in fish (<i>Channa punctatus</i>) exposed to a thermal power plant effluent. <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 163-169.	2.9	62
532	Pretilachlor has the potential to induce endocrine disruption, oxidative stress, apoptosis and immunotoxicity during zebrafish embryo development. <i>Environmental Toxicology and Pharmacology</i> , 2016, 42, 125-134.	2.0	62
533	Biomarker-enhanced assessment of reproductive disorders in <i>Monoporeia affinis</i> exposed to contaminated sediment in the Baltic Sea. <i>Ecological Indicators</i> , 2016, 63, 187-195.	2.6	16
534	Accumulation, biotransformation, and multi-biomarker responses after exposure to arsenic species in the earthworm <i>Eisenia fetida</i> . <i>Toxicology Research</i> , 2016, 5, 500-510.	0.9	35
535	Rank-based biomarker index to assess cadmium ecotoxicity on the earthworm <i>Eisenia andrei</i> . <i>Chemosphere</i> , 2016, 145, 480-486.	4.2	41
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537	Transcriptome response to copper heavy metal stress in hard-shelled mussel (<i>Mytilus coruscus</i>). <i>Genomics Data</i> , 2016, 7, 152-154.	1.3	29
538	Assessment oxidative stress biomarkers and metal bioaccumulation in macroalgae from coastal areas with mining activities in Chile. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 25.	1.3	28
539	Toxicity assessment and comparison between two types of iron oxide nanoparticles in <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2016, 172, 9-20.	1.9	49
540	Antioxidant Activity/Capacity Measurement. 3. Reactive Oxygen and Nitrogen Species (ROS/RNS) Scavenging Assays, Oxidative Stress Biomarkers, and Chromatographic/Chemometric Assays. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1046-1070.	2.4	85
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542	Mechanisms of zinc toxicity in the galaxiid fish, <i>Galaxias maculatus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 179, 184-190.	1.3	26
543	Oxidative stress and immunotoxic effects of bisphenol A on the larvae of rare minnow <i>Gobiocypris rarus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 377-385.	2.9	46
544	Effects of phenol on ovarian P450arom gene expression and aromatase activity in vivo and antioxidant metabolism in common carp <i>Cyprinus carpio</i> . <i>Fish Physiology and Biochemistry</i> , 2016, 42, 275-286.	0.9	10
545	Effects of cypermethrin on survival, morphological and biochemical aspects of rohu (<i>Labeo rohita</i>) during early development. <i>Chemosphere</i> , 2016, 144, 697-705.	4.2	39
546	Multiple biomarker responses in <i>Prochilodus lineatus</i> subjected to short-term in situ exposure to streams from agricultural areas in Southern Brazil. <i>Science of the Total Environment</i> , 2016, 542, 44-56.	3.9	87
547	The effects of point pollutants-originated heavy metals (lead, copper, iron, and cadmium) on fish living in Yeşilirmak River, Turkey. <i>Toxicology and Industrial Health</i> , 2016, 32, 1438-1449.	0.6	18

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549	Transcriptional changes in oysters <i>Crassostrea brasiliana</i> exposed to phenanthrene at different salinities. <i>Aquatic Toxicology</i> , 2017, 183, 94-103.	1.9	27
550	The presence of MWCNTs reduces developmental toxicity of PFOS in early life stage of zebrafish. <i>Environmental Pollution</i> , 2017, 222, 201-209.	3.7	23
551	Oxidative stress indicators in populations of the gastropod <i>Buccinanops globulosus</i> affected by imposex. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 35-42.	0.4	7
552	Responses of <i>Trichilia dregeana</i> leaves to sulphur dioxide pollution: A comparison of morphological, physiological and biochemical biomarkers. <i>Atmospheric Pollution Research</i> , 2017, 8, 729-740.	1.8	8
553	RNA sequencing analysis of transcriptional change in the freshwater mussel <i>Elliptio complanata</i> after environmentally relevant sodium chloride exposure. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2352-2366.	2.2	15
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560	Lipophilic antioxidants and lipid peroxidation in yellow perch subjected to various anthropogenic influences along the St. Lawrence River (QC, Canada). <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 316-325.	2.9	6
561	Metabolic Interference of sod gene mutations on catalase activity in <i>Escherichia coli</i> exposed to Gramoxone [®] (paraquat) herbicide. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 89-96.	2.9	13
562	A comparative and evolutionary approach to oxidative stress in fish: A review. <i>Fish and Fisheries</i> , 2017, 18, 928-942.	2.7	246
563	Molecular effectors in the chronic exposure to arsenic as early and sensitive biomarkers in developing <i>Rhinella arenarum</i> toads. <i>Aquatic Toxicology</i> , 2017, 186, 19-27.	1.9	8
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565	Fatty acid profile of the sea snail <i>Gibbula umbilicalis</i> as a biomarker for coastal metal pollution. <i>Science of the Total Environment</i> , 2017, 586, 542-550.	3.9	51

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567	Arsenic absorption and excretion in chronically exposed developing toad <i>Rhinella arenarum</i> . <i>Environmental Toxicology and Pharmacology</i> , 2017, 52, 255-261.	2.0	4
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569	Histopathological changes and lipid metabolism in the liver of <i>Bufo gargarizans</i> tadpoles exposed to Triclosan. <i>Chemosphere</i> , 2017, 182, 255-266.	4.2	39
570	Environmental Chemicals and Preterm Birth: Biological Mechanisms and the State of the Science. <i>Current Epidemiology Reports</i> , 2017, 4, 56-71.	1.1	88
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572	Detrimental effects of nicotine on thioacetamide-induced liver injury in mice. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 501-510.	1.3	9
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575	Growth and physiological responses of a marine diatom (<i>Phaeodactylum tricornutum</i>) against two imidazolium-based ionic liquids ([C4mim]BF ₄ and [C8mim]BF ₄). <i>Aquatic Toxicology</i> , 2017, 189, 115-122.	1.9	26
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577	Maternal antioxidant provisioning mitigates pollutant-induced oxidative damage in embryos of the temperate sea urchin <i>Evechinus chloroticus</i> . <i>Scientific Reports</i> , 2017, 7, 1954.	1.6	22
578	Homeostatic responses of crustaceans to salinity changes. <i>Hydrobiologia</i> , 2017, 799, 1-20.	1.0	42
579	Triclocarban: UV photolysis, wastewater disinfection, and ecotoxicity assessment using molecular biomarkers. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16077-16085.	2.7	13
580	Liver Histophysiological Alterations in Pelagic and Benthic Fish as Biomarkers for Marine Environmental Assessment. <i>International Journal of Environmental Research</i> , 2017, 11, 251-262.	1.1	3
581	Assessment of tris (1, 3-dichloro-2-propyl) phosphate toxicology in PC12 cells by using digital gene expression profiling. <i>Chemosphere</i> , 2017, 183, 353-360.	4.2	7
582	Biomarker responses to environmental contamination in estuaries: A comparative multi-taxa approach. <i>Aquatic Toxicology</i> , 2017, 189, 31-41.	1.9	41
583	Malondialdehyde concentrations in the intestine and gills of Vardar chub (<i>Squalius vardarensis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 16917-16926.	2.7	22

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585	Gross pathology, physiological and toxicological responses in relation to metals and persistent organic pollutants (POPs) burden in tilapia species from Ogun River, Nigeria. <i>Marine Environmental Research</i> , 2017, 129, 245-257.	1.1	14
586	Molecular Mechanisms of Developmental Toxicity Induced by Graphene Oxide at Predicted Environmental Concentrations. <i>Environmental Science & Technology</i> , 2017, 51, 7861-7871.	4.6	158
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592	The impacts of emergent pollutants on <i>Ruditapes philippinarum</i> : biochemical responses to carbon nanoparticles exposure. <i>Aquatic Toxicology</i> , 2017, 187, 38-47.	1.9	46
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596	Transcriptomic screening of the innate immune response in delta smelt during an <i>Ichthyophthirius multifiliis</i> infection. <i>Aquaculture</i> , 2017, 473, 80-88.	1.7	3
597	Transcriptome analysis of a wild bird reveals physiological responses to the urban environment. <i>Scientific Reports</i> , 2017, 7, 44180.	1.6	86
598	Can a low concentration of an organophosphate insecticide cause negative effects on an aquatic macrophyte? Exposure of <i>Potamogeton pusillus</i> at environmentally relevant chlorpyrifos concentrations. <i>Environmental and Experimental Botany</i> , 2017, 138, 139-147.	2.0	17
599	Protective effect of <i>Nigella sativa</i> oil on cisplatin induced nephrotoxicity and oxidative damage in rat kidney. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 7-15.	2.5	78
600	Effect of tributyltin on antioxidant ability and immune responses of zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 1-8.	2.9	82
601	Spatial distribution and biological effects of trace metals (Cu, Zn, Pb, Cd) and organic micropollutants (PCBs, PAHs) in mussels <i>Mytilus galloprovincialis</i> along the Algerian west coast. <i>Marine Pollution Bulletin</i> , 2017, 115, 539-550.	2.3	52

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603	Effect of dietary probiotic supplementation on intestinal microbiota and physiological conditions of Nile tilapia (<i>Oreochromis niloticus</i>) under waterborne cadmium exposure. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 501-513.	0.7	93
604	Investigating heritability of cadmium tolerance in <i>Chironomus riparius</i> natural populations: A physiological approach. <i>Chemosphere</i> , 2017, 170, 83-94.	4.2	17
605	Oxidative stress responses in relationship to persistent organic pollutant levels in feathers and blood of two predatory bird species from Pakistan. <i>Science of the Total Environment</i> , 2017, 580, 26-33.	3.9	28
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607	Oxidative damage, ultrastructural alterations and gene expressions of hemocytes in the freshwater crab <i>Sinopotamon henanense</i> exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 130-138.	2.9	23
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609	The effects of di 2-ethyl hexyl phthalate (DEHP) on cellular lipid accumulation in HepG2 cells and its potential mechanisms in the molecular level. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 245-252.	1.3	52
610	Effects on Biotransformation, Oxidative Stress, and Endocrine Disruption in Rainbow Trout (<i>Oncorhynchus mykiss</i>) Exposed to Hydraulic Fracturing Flowback and Produced Water. <i>Environmental Science & Technology</i> , 2017, 51, 940-947.	4.6	54
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612	Relationship between genotoxicity and oxidative stress induced by mercury on common carp (<i>Cyprinus</i>)	1.9	33
613	Enhanced biodegradation of mixed PAHs by mutated naphthalene 1,2-dioxygenase encoded by <i>Pseudomonas putida</i> strain KD6 isolated from petroleum refinery waste. <i>3 Biotech</i> , 2017, 7, 365.	1.1	12
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615	Oxidative damage of 18S and 5S ribosomal RNA in digestive gland of mussels exposed to trace metals. <i>Aquatic Toxicology</i> , 2017, 192, 136-147.	1.9	13
616	The possible molecular mechanisms of bisphenol A action on porcine early embryonic development. <i>Scientific Reports</i> , 2017, 7, 8632.	1.6	35
617	Toxic effects of Pb ²⁺ entering sperm through Ca ²⁺ channels in the freshwater crab <i>Sinopotamon henanense</i> . <i>Aquatic Toxicology</i> , 2017, 192, 24-29.	1.9	11
618	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
619	Microbial Biomarkers. , 2017, , 251-281.		7

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621	Control of Environmental Pollution Caused by Pharmaceuticals. <i>Handbook of Environmental Chemistry</i> , 2017, , 255-264.	0.2	3
622	Thermal history and gape of individual <i>Mytilus californianus</i> correlate with oxidative damage and thermoprotective osmolytes. <i>Journal of Experimental Biology</i> , 2017, 220, 4292-4304.	0.8	30
623	Polluted water exacerbates <i>Barbus callensis</i> oocyte oxidative status. <i>Archives of Polish Fisheries</i> , 2017, 25, 11-19.	0.6	4
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625	Sublethal effects induced by captopril on <i>Cyprinus carpio</i> as determined by oxidative stress biomarkers. <i>Science of the Total Environment</i> , 2017, 605-606, 811-823.	3.9	13
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630	Synthesis and characterization of zinc oxide nanorods and its photocatalytic activities towards degradation of 2,4-D. <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 243-251.	2.9	27
631	Acute toxicity of apple snail <i>Pomacea canaliculata</i> 's eggs on <i>Rhinella arenarum</i> tadpoles. <i>Toxin Reviews</i> , 2017, 36, 45-51.	1.5	2
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634	Toxicological hazard induced by sucralose to environmentally relevant concentrations in common carp (<i>Cyprinus carpio</i>). <i>Science of the Total Environment</i> , 2017, 575, 347-357.	3.9	45
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636	Di(2-ethylhexyl) phthalate induces apoptosis through mitochondrial pathway in GC-2spd cells. <i>Environmental Toxicology</i> , 2017, 32, 1055-1064.	2.1	32
637	Effect of amoxicillin exposure on brain, gill, liver, and kidney of common carp (<i>Cyprinus</i>)	2.1	29

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639	Protective role of phenylalanine on the ROS-induced oxidative damage, apoptosis and tight junction damage via Nrf2, TOR and NF- κ B signalling molecules in the gill of fish. <i>Fish and Shellfish Immunology</i> , 2017, 60, 185-196.	1.6	43
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644	Reduction of the Oxidative Stress Status Using Steviol Glycosides in a Fish Model (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	0.9	8
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646	A targeted gene expression platform allows for rapid analysis of chemical-induced antioxidant mRNA expression in zebrafish larvae. <i>PLoS ONE</i> , 2017, 12, e0171025.	1.1	20
647	Oxidative and cellular stress as bioindicators for metal contamination in freshwater mollusk <i>Lamellidens marginalis</i> . <i>Environmental Science and Pollution Research</i> , 2017, 24, 16137-16147.	2.7	26
648	Change in redox state and heat shock protein expression in an Indian major carp <i>Cirrhinus cirrhosus</i> exposed to zinc and lead. <i>Journal of Toxicological Sciences</i> , 2017, 42, 731-740.	0.7	18
649	Seasonal Alterations in Oxidative Stress Biomarkers of Freshwater Snails: <i>Bellamya bengalensis</i> and <i>Lymnaea acuminata</i> from Malangaon Reservoir of Dhule District, Maharashtra, India. <i>Indian Journal of Science and Technology</i> , 2017, 10, 1-7.	0.5	1
650	Effect of excessive doses of oxytetracycline on stress-related biomarker expression in coho salmon. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7121-7128.	2.7	48
651	Antioxidant biomarkers in <i>Gammarus pulex</i> to evaluate the efficiency of electrocoagulation process in landfill leachate treatment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12538-12544.	2.7	18
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653	Trace metals and oxidative status in soft tissues of caged mussels (<i>Aulacomya atra</i>) on the North Patagonian coastline. <i>Ecotoxicology and Environmental Safety</i> , 2018, 155, 152-161.	2.9	14
654	The inhibition of GSK-3 β promotes the production of reactive oxygen species via β -catenin/C/EBP β signaling in the spleen of zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2018, 76, 110-120.	1.6	6
655	Protein-mediated mineralization of edaravone into injectable, pH-sensitive microspheres used for potential minimally invasive treatment of osteomyelitis. <i>New Journal of Chemistry</i> , 2018, 42, 5447-5455.	1.4	11

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657	Phytotoxicity of amoxicillin to the duckweed <i>Spirodela polyrhiza</i> : Growth, oxidative stress, biochemical traits and antibiotic degradation. <i>Chemosphere</i> , 2018, 201, 492-502.	4.2	75
658	Growth performances, survival rate, and biochemical parameters of Nile tilapia (<i>Oreochromis Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662</i>)	0.3	33
659	Fatty acid composition, enzyme activities and metallothioneins in <i>Donax trunculus</i> (Mollusca,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 transplantation. <i>Environmental Pollution</i> , 2018, 237, 900-907.	3.7	12
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661	Fungal characterisation of a contaminated marine environment: the case of the Port of Genoa (North-Western Italy). <i>Webbia</i> , 2018, 73, 97-106.	0.1	11
662	Proteomic analysis of ametryn toxicity in zebrafish embryos. <i>Environmental Toxicology</i> , 2018, 33, 579-586.	2.1	15
663	Effects of treated industrial wastewaters and temperatures on growth and enzymatic activities of duckweed (<i>Lemna minor</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2018, 153, 54-59.	2.9	29
664	Biomarkers of physiological responses of <i>Octopus vulgaris</i> to different coastal environments in the western Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2018, 128, 240-247.	2.3	45
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668	DNA damage and oxidative stress induced by imidacloprid exposure in different tissues of the Neotropical fish <i>Prochilodus lineatus</i> . <i>Chemosphere</i> , 2018, 195, 125-134.	4.2	126
669	MicroRNAs and their role on fish oxidative stress during xenobiotic environmental exposures. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 995-1000.	2.9	193
670	Toxicity assessment of pyriproxyfen in vertebrate model zebrafish embryos (<i>Danio rerio</i>): A multi biomarker study. <i>Aquatic Toxicology</i> , 2018, 196, 132-145.	1.9	131
671	Novel procedures for whole organism detection and quantification of fluorescence as a measurement for oxidative stress in zebrafish (<i>Danio rerio</i>) larvae. <i>Chemosphere</i> , 2018, 197, 200-209.	4.2	31
672	Developmental toxicity and potential mechanisms of pyraoxystrobin to zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 151, 1-9.	2.9	56
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675	De novo assembly and functional annotation of the transcriptome of <i>Mimachlamys varia</i> , a bioindicator marine bivalve. <i>Marine Genomics</i> , 2018, 41, 42-45.	0.4	6
676	Identification and molecular characterization of two Cu/Zn-SODs and Mn-SOD in the marine ciliate <i>Euplotes crassus</i> : Modulation of enzyme activity and transcripts in response to copper and cadmium. <i>Aquatic Toxicology</i> , 2018, 199, 296-304.	1.9	22
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678	Effects of Turbidity, Sediment, and Polyacrylamide on Native Freshwater Mussels. <i>Journal of the American Water Resources Association</i> , 2018, 54, 631-643.	1.0	2
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686	Benzoylcegonine exposure induced oxidative stress and altered swimming behavior and reproduction in <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2018, 232, 236-244.	3.7	70
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698	Multiple biomarker responses in caged benthic gastropods <i>Bellamya aeruginosa</i> after in situ exposure to Taihu Lake in China. <i>Environmental Sciences Europe</i> , 2018, 30, 34.	2.6	11
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726	Determination of metals and pharmaceutical compounds released in hospital wastewater from Toluca, Mexico, and evaluation of their toxic impact. <i>Environmental Pollution</i> , 2018, 240, 330-341.	3.7	66
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729	Age-dependent survival, stress defense, and AMPK in <i>Daphnia pulex</i> after short-term exposure to a polystyrene nanoplastic. <i>Aquatic Toxicology</i> , 2018, 204, 1-8.	1.9	123
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744	Effects of partial replacement of fish meal by yeast hydrolysate on antioxidant capability, intestinal morphology, and inflammation-related gene expression of juvenile Jian carp (<i>Cyprinus carpio</i> var. Jian). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 187-197.	0.9	27
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782	Impact of the Antidiabetic Drug Metformin and Its Transformation Product Guanylurea on the Health of the Big Ramshorn Snail (<i>Planorbium corneum</i>). <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	13
783	Stress responses in fish: From molecular to evolutionary processes. <i>Science of the Total Environment</i> , 2019, 684, 371-380.	3.9	122
784	Responses of <i>Chlorella vulgaris</i> exposed to boron: Mechanisms of toxicity assessed by multiple endpoints. <i>Environmental Toxicology and Pharmacology</i> , 2019, 70, 103208.	2.0	14
785	Dietary nano cerium oxide promotes growth, relieves ammonia nitrogen stress, and improves immunity in crab (<i>Eriocheir sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2019, 92, 367-376.	1.6	23
786	Effects of dietary mixed probiotics on growth, non-specific immunity, intestinal morphology and microbiota of juvenile pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2019, 90, 456-465.	1.6	74
787	Contraction of the ROS Scavenging Enzyme Glutathione <i>S</i> -Transferase Gene Family in Cetaceans. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2303-2315.	0.8	13
788	Resveratrol attenuates oxidative stress and inflammatory response in turbot fed with soybean meal based diet. <i>Fish and Shellfish Immunology</i> , 2019, 91, 130-135.	1.6	51
789	Auxinic herbicides induce oxidative stress on <i>Cnesterodon decemmaculatus</i> (Pisces: Poeciliidae). <i>Environmental Science and Pollution Research</i> , 2019, 26, 20485-20498.	2.7	26
790	Fish exposed to eprinomectin show hepatic oxidative stress and impairment in enzymes of the phosphotransfer network. <i>Aquaculture</i> , 2019, 508, 199-205.	1.7	17
791	Polluted water from an urban reservoir (Madãn dam, MÃ©xico) induces toxicity and oxidative stress in <i>Cyprinus carpio</i> embryos. <i>Environmental Pollution</i> , 2019, 251, 510-521.	3.7	24
792	Seawater acidification increases copper toxicity: A multi-biomarker approach with a key marine invertebrate, the Pacific Oyster <i>Crassostrea gigas</i> . <i>Aquatic Toxicology</i> , 2019, 210, 167-178.	1.9	45
793	Marine contamination and cytogenotoxic effects of fluoxetine in the tropical brown mussel <i>Perna perna</i> . <i>Marine Pollution Bulletin</i> , 2019, 141, 366-372.	2.3	22
794	Permethrin induced oxidative stress and neurotoxicity on the freshwater beetle <i>Laccophilus minutus</i> . <i>Chemistry and Ecology</i> , 2019, 35, 459-471.	0.6	11
795	Long-term exposure of cockroach <i>Blattella germanica</i> nymphs to magnetic fields of different characteristics: effects on antioxidant biomarkers and nymphal gut mass. <i>International Journal of Radiation Biology</i> , 2019, 95, 1185-1193.	1.0	5
796	Beneficial effects of <i>Crataegus oxyacantha</i> extract on neurobehavioral deficits and brain tissue damages induced by an insecticide mixture of deltamethrin and chlorpyrifos in adult wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108795.	2.5	15
797	The fate and oxidative stress of different sized SiO ₂ nanoparticles in zebrafish (<i>Danio rerio</i>) larvae. <i>Chemosphere</i> , 2019, 225, 705-712.	4.2	49
798	Cu accumulation, detoxification and tolerance in the red swamp crayfish <i>Procambarus clarkii</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 201-207.	2.9	41
799	Facile synthesis of cerium-doped carbon quantum dots as a highly efficient antioxidant for free radical scavenging. <i>Nanotechnology</i> , 2019, 30, 325101.	1.3	22

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800	Physiological impacts of pollution exposure in seabird's progeny nesting in a Mediterranean contaminated area. <i>Marine Pollution Bulletin</i> , 2019, 142, 196-205.	2.3	10
801	Effects of the chronic exposure to cerium dioxide nanoparticles in <i>Oncorhynchus mykiss</i> : Assessment of oxidative stress, neurotoxicity and histological alterations. <i>Environmental Toxicology and Pharmacology</i> , 2019, 68, 27-36.	2.0	21
802	Met-enkephalin inhibits ROS production through Wnt/ β 2-catenin signaling in the ZF4 cells of zebrafish. <i>Fish and Shellfish Immunology</i> , 2019, 88, 432-440.	1.6	8
803	Waterborne manganese modulates immunity, biochemical, and antioxidant parameters in the blood of red seabream and black rockfish. <i>Fish and Shellfish Immunology</i> , 2019, 88, 546-555.	1.6	23
804	Exposure to acute ammonia stress influences survival, immune response and antioxidant status of pacific white shrimp (<i>Litopenaeus vannamei</i>) pretreated with diverse levels of inositol. <i>Fish and Shellfish Immunology</i> , 2019, 89, 248-256.	1.6	48
805	Histological description of immature <i>Chironomus columbiensis</i> (Diptera: Chironomidae): A potential contribution to environmental monitoring. <i>Microscopy Research and Technique</i> , 2019, 82, 1277-1289.	1.2	8
806	Hypoxia-induced changes in survival, immune response and antioxidant status of the Pacific white shrimp (<i>Litopenaeus vannamei</i>) fed with graded levels of dietary myo-inositol. <i>Aquaculture Nutrition</i> , 2019, 25, 518-528.	1.1	19
807	Species and life-stage specific differences in cadmium accumulation and cadmium induced oxidative stress, metallothionein and heat shock protein responses in white sturgeon and rainbow trout. <i>Science of the Total Environment</i> , 2019, 673, 318-326.	3.9	13
808	Chlorothalonil induces oxidative stress and reduces enzymatic activities of Na ⁺ /K ⁺ -ATPase and acetylcholinesterase in gill tissues of marine bivalves. <i>PLoS ONE</i> , 2019, 14, e0214236.	1.1	41
809	Enzymatic and Histological Biomarkers in <i>Ucides cordatus</i> (Crustacea, Decapoda) in an Industrial Port on the North Coast of Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 802-810.	1.3	11
810	Selenium cytotoxicity in <i>Tetrahymena thermophila</i> : New clues about its biological effects and cellular resistance mechanisms. <i>Science of the Total Environment</i> , 2019, 671, 850-865.	3.9	27
811	Assessment of acute toxicity and biochemical responses to chlorpyrifos, cypermethrin and their combination exposed earthworm, <i>Eudrilus eugeniae</i> . <i>Toxicology Reports</i> , 2019, 6, 288-297.	1.6	25
812	Transcriptome analysis reveals novel insights in air-breathing magur catfish (<i>Clarias magur</i>) in response to high environmental ammonia. <i>Gene</i> , 2019, 703, 35-49.	1.0	25
813	Growth inhibition and oxidative stress in two species of marine diatoms exposed to 1-phenylethanol. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 1342-1352.	0.6	5
814	Seasonal variations of multi-biomarker responses to metals and pesticides pollution in <i>M. galloprovincialis</i> and <i>T. decussatus</i> from Homa Lagoon, Eastern Aegean Sea. <i>Marine Pollution Bulletin</i> , 2019, 141, 176-186.	2.3	24
815	Acute exposure of common yabby (<i>Cherax destructor</i>) to the neonicotinoid pesticide. <i>Science of the Total Environment</i> , 2019, 665, 718-723.	3.9	93
816	Cypermethrin induction of DNA damage and oxidative stress in zebrafish gill cells. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 1-7.	2.9	68
817	Toxicity of As in <i>Crassostrea virginica</i> (Gmelin, 1791) from the Northern Gulf of Mexico at the presence of Zn and its antioxidant defense mechanisms. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 514-522.	2.9	17

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819	Imbalance of the redox system and quality of tilapia fillets subjected to pre-slaughter stress. <i>PLoS ONE</i> , 2019, 14, e0210742.	1.1	13
820	Impacts of four ionic liquids exposure on a marine diatom <i>Phaeodactylum tricornutum</i> at physiological and biochemical levels. <i>Science of the Total Environment</i> , 2019, 665, 492-501.	3.9	28
821	Nrf2 mediates the protective effect of edaravone after chlorpyrifos-induced nervous system toxicity. <i>Environmental Toxicology</i> , 2019, 34, 626-633.	2.1	30
822	Effects on tadpole snail gene expression after exposure to vinclozolin. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 568-577.	2.9	10
823	Smell of Infection: A Novel, Noninvasive Method for Detection of Fish Excretory-Secretory Proteins. <i>Journal of Proteome Research</i> , 2019, 18, 1371-1379.	1.8	4
824	Developmental toxicity of kresoxim-methyl during zebrafish (<i>Danio rerio</i>) larval development. <i>Chemosphere</i> , 2019, 219, 517-525.	4.2	24
825	Kinetics of Glutathione Depletion and Antioxidant Gene Expression as Indicators of Chemical Modes of Action Assessed <i>in Vitro</i> in Mouse Hepatocytes with Enhanced Glutathione Synthesis. <i>Chemical Research in Toxicology</i> , 2019, 32, 421-436.	1.7	8
826	Genotoxic and oxidative damage in the freshwater teleost <i>Prochilodus lineatus</i> exposed to the insecticides lambda-cyhalothrin and imidacloprid alone and in combination. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 842, 85-93.	0.9	31
827	The marine Gram-negative bacterium <i>Novosphingobium</i> sp. PP1Y as a potential source of novel metabolites with antioxidant activity. <i>Biotechnology Letters</i> , 2019, 41, 273-281.	1.1	11
828	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm <i>Ficopomatus enigmaticus</i> (Fauvel, 1923). <i>Marine Environmental Research</i> , 2019, 143, 1-9.	1.1	17
829	Primary green turtle (<i>Chelonia mydas</i>) skin fibroblasts as an <i>in vitro</i> model for assessing genotoxicity and oxidative stress. <i>Aquatic Toxicology</i> , 2019, 207, 13-18.	1.9	22
830	Correlation between antibiotic-induced feeding depression and body size reduction in zooplankton (rotifer, <i>Brachionus calyciflorus</i>): Neural response and digestive enzyme inhibition. <i>Chemosphere</i> , 2019, 218, 376-383.	4.2	26
831	Metabolomics based on UHPLC-QToF- and APGC-QToF-MS reveals metabolic pathways reprogramming in response to tidal cycles in the sub-littoral species <i>Mimachlamys varia</i> exposed to aerial emergence. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 74-85.	0.4	4
832	The protective effects of melatonin on oxidative damage and the immune system of the Chinese mitten crab (<i>Eriocheir sinensis</i>) exposed to deltamethrin. <i>Science of the Total Environment</i> , 2019, 653, 1426-1434.	3.9	90
833	Transcriptomic analysis reveals dose-dependent modes of action of benzo(a)pyrene in polar cod (<i>Boreogadus saida</i>). <i>Science of the Total Environment</i> , 2019, 653, 176-189.	3.9	23
834	Assessment of environmentally contaminated sediment using a contact assay with early life stage zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2019, 659, 950-962.	3.9	14
835	Assessment of pollution biomarker and stable isotope data in <i>Mytilus galloprovincialis</i> tissues. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 60.	1.3	4

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837	Antioxidant defenses at enzymatic and transcriptional levels in response to acute lead administration in <i>Oxya chinensis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 27-34.	2.9	23
838	Adverse effects of a synthetic pyrethroid insecticide cypermethrin on life parameters and antioxidant responses in the marine copepods <i>Paracyclopsina nana</i> and <i>Tigriopus japonicus</i> . <i>Chemosphere</i> , 2019, 217, 383-392.	4.2	34
839	Waterborn Genotoxicity in Southern Brazil Using <i>Astyanax bifasciatus</i> (Pisces: Teleostei). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 59-65.	1.3	6
840	Immunotoxic effects of 4-nonylphenol on <i>Clarias gariepinus</i> : Cytopathological changes in hepatic melanomacrophages. <i>Aquatic Toxicology</i> , 2019, 207, 83-90.	1.9	22
841	Genotoxic effects of PM10 and PM2.5 bound metals: metal bioaccessibility, free radical generation, and role of iron. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1163-1186.	1.8	14
842	Acute exposure to a commercial formulation of Azoxystrobin alters antioxidant enzymes and elicit damage in the aquatic macrophyte <i>Myriophyllum quitense</i> . <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 135-143.	1.4	2
843	A manganese superoxide dismutase (MnSOD) from red lip mullet, <i>Liza haematocheila</i> : Evaluation of molecular structure, immune response, and antioxidant function. <i>Fish and Shellfish Immunology</i> , 2019, 84, 73-82.	1.6	10
844	Enniatin B1 exerts embryotoxic effects on mouse blastocysts and induces oxidative stress and immunotoxicity during embryo development. <i>Environmental Toxicology</i> , 2019, 34, 48-59.	2.1	25
845	3D graphene/copper oxide nano-flowers based acetylcholinesterase biosensor for sensitive detection of organophosphate pesticides. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 95-101.	4.0	102
846	Sediment quality assessment in the Guadalquivir River (SW, Spain) using caged Asian clams: A biomarker field approach. <i>Science of the Total Environment</i> , 2019, 650, 1996-2003.	3.9	17
847	Sublethal effects of chronic exposure to CdO or PbO nanoparticles or their binary mixture on the honey bee (<i>Apis mellifera</i> L.). <i>Environmental Science and Pollution Research</i> , 2020, 27, 19004-19015.	2.7	36
848	Comparative toxicity of selected PAHs in rainbow trout hepatocytes: genotoxicity, oxidative stress and cytotoxicity. <i>Drug and Chemical Toxicology</i> , 2020, 43, 71-78.	1.2	26
849	Toxicological effect of <i>Parthenium hysterophorus</i> and milk processing industry sludge on earthworms, <i>Eisenia fetida</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 33464-33473.	2.7	3
850	Antidiabetic and oxidative stress assessment of bio-enzymatically synthesized zinc oxide nanoformulation on streptozotocin-induced hyperglycemic mice. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 879-893.	1.6	11
851	Effects of cypermethrin on antioxidant enzymes and lipid peroxidation of Lake Van fish (<i>Alburnus</i>) Tj ETQq1 1 0.784314 rgBT /Ove to 1.2 95	1.2	95
852	Effects of common pharmaceutical drugs (paracetamol and acetylsalicylic acid) short term exposure on biomarkers of the mussel <i>Mytilus</i> spp. <i>Environmental Toxicology and Pharmacology</i> , 2020, 73, 103276.	2.0	32
853	Amelioration of Cd-Induced Oxidative Stress, MT Gene Expression, and Immune Damage by Vitamin C in Grass Carp Kidney Cells. <i>Biological Trace Element Research</i> , 2020, 194, 552-559.	1.9	15

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855	Metabolomic Investigations of the Temporal Effects of Exposure to Pharmaceuticals and Personal Care Products and Their Mixture in the Eastern Oyster (<i>Crassostrea virginica</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 419-436.	2.2	26
856	Effects of metal contamination on liver in two fish species from a highly impacted neotropical river: A case study of the Fundão dam, Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110165.	2.9	58
857	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. <i>Environmental Pollution</i> , 2020, 260, 113859.	3.7	39
858	Genotypic variation for cadmium tolerance in common bean (<i>Phaseolus vulgaris</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110178.	2.9	17
859	Toxicity assessment of p-chloroaniline on <i>Platymonas subcordiformis</i> and its biodegradation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109995.	2.9	9
860	Single and joint oxidative stress of cadmium and phenanthrene on the Bivalve <i>Anadara subcrenata</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 448-456.	0.9	5
861	The effects of <i>Aeromonas hydrophila</i> infection on oxidative stress, nonspecific immunity, autophagy, and apoptosis in the common carp. <i>Developmental and Comparative Immunology</i> , 2020, 105, 103587.	1.0	30
862	CRISPR-Generated Nrf2a Loss- and Gain-of-Function Mutants Facilitate Mechanistic Analysis of Chemical Oxidative Stress-Mediated Toxicity in Zebrafish. <i>Chemical Research in Toxicology</i> , 2020, 33, 426-435.	1.7	8
863	Effects of triclosan on antioxidant- and apoptosis-related genes expression in the gill and ovary of zebrafish. <i>Experimental Animals</i> , 2020, 69, 199-206.	0.7	18
864	Effects of norfloxacin nicotinate on the early life stage of zebrafish (<i>Danio rerio</i>): Developmental toxicity, oxidative stress and immunotoxicity. <i>Fish and Shellfish Immunology</i> , 2020, 96, 262-269.	1.6	39
865	Impact of chronic exposure to trichlorfon on intestinal barrier, oxidative stress, inflammatory response and intestinal microbiome in common carp (<i>Cyprinus carpio</i> L.). <i>Environmental Pollution</i> , 2020, 259, 113846.	3.7	60
866	Enzymatic, Non-enzymatic Antioxidant Levels and Heat Shock Protein Expression as Indicators of Metal Induced Toxicity and Reproductive Modulation in Female Indian Major Carp <i>Cirrhinus cirrhosus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 235-244.	1.3	11
867	The extent to which lipopolysaccharide modulates oxidative stress response in <i>Mugil cephalus</i> juveniles. <i>Aquaculture Research</i> , 2020, 51, 426-431.	0.9	11
868	Oxidative stress, histopathological alterations and anti-oxidant capacity in different tissues of largemouth bass (<i>Micropterus salmoides</i>) exposed to a newly developed sodium carbonate peroxyhydrate granular algaecide formulated with hydrogen peroxide. <i>Aquatic Toxicology</i> , 2020, 218, 105348.	1.9	24
869	Biological responses of shoal flounder (<i>Syacium gunteri</i>) to toxic environmental pollutants from the southern Gulf of Mexico. <i>Environmental Pollution</i> , 2020, 258, 113669.	3.7	20
870	Sub-lethal effect of synthetic pyrethroid pesticide on metabolic enzymes and protein profile of non-target Zebra fish, <i>Danio rerio</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 441-447.	1.8	29
871	Effects of spinetoram on the developmental toxicity and immunotoxicity of zebrafish. <i>Fish and Shellfish Immunology</i> , 2020, 96, 114-121.	1.6	47

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873	Oxidative stress and genotoxicity in <i>Rhinella arenarum</i> (Anura: Bufonidae) tadpoles after acute exposure to Ni-Al nanoceramics. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103508.	2.0	7
874	Lack of oxidative damage on temperate juvenile catsharks after a long-term ocean acidification exposure. <i>Marine Biology</i> , 2020, 167, 1.	0.7	8
875	Sublethal effects of carbendazim in <i>Jenynsia multidentata</i> detected by a battery of molecular, biochemical and genetic biomarkers. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111157.	2.9	13
876	Effects of Dietary Supplementation with δ^6 -Selenocarrageenan on the Selenium Accumulation and Intestinal Microbiota of the Sea Cucumbers <i>Apostichopus japonicus</i> . <i>Biological Trace Element Research</i> , 2021, 199, 2753-2763.	1.9	2
877	DNA damage and oxidative stress responses of mussels <i>Mytilus galloprovincialis</i> to paralytic shellfish toxins under warming and acidification conditions – Elucidation on the organ-specificity. <i>Aquatic Toxicology</i> , 2020, 228, 105619.	1.9	16
878	Interactive Effect of Light and CdO Nanoparticles on <i>Dodonaea viscosa</i> Morphological, Antioxidant, and Phytochemical Properties. <i>ACS Omega</i> , 2020, 5, 24211-24221.	1.6	5
879	Assessment of environmental health based on a complementary approach using metal quantification, oxidative stress and trophic ecology of two gull species (<i>Larus michahellis</i> & <i>Larus audouinii</i>) breeding in sympatry. <i>Marine Pollution Bulletin</i> , 2020, 159, 111439.	2.3	5
880	Protective Role of EGCG Against Malathion Induced Genotoxicity Using Human Lymphocytes. <i>Drug Research</i> , 2020, 70, 360-366.	0.7	1
881	A review of the toxicity in fish exposed to antibiotics. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 237, 108840.	1.3	91
882	Enzymatic, non enzymatic antioxidants and glucose metabolism enzymes response differently against metal stress in muscles of three fish species depending on different feeding niche. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110954.	2.9	19
883	Binding affinity, antioxidative capacity and in vitro digestion of complexes of grape seed procyanidins and pork, chicken and fish protein. <i>Food Research International</i> , 2020, 136, 109530.	2.9	21
884	Grass carps co-exposed to environmentally relevant concentrations of cypermethrin and sulfamethoxazole bear immunodeficiency and are vulnerable to subsequent <i>Aeromonas hydrophila</i> infection. <i>Environmental Pollution</i> , 2020, 266, 115156.	3.7	50
885	A comparative study of the oxidative system in Chironomidae larvae with contrasting feeding strategies. , 2020, 87, 463-474.		3
886	Properties of Carotenoids in Fish Fitness: A Review. <i>Marine Drugs</i> , 2020, 18, 568.	2.2	50
887	Constant and intermittent hypoxia modulates immunity, oxidative status, and blood components of red seabream and increases its susceptibility to the acute toxicity of red tide dinoflagellate. <i>Fish and Shellfish Immunology</i> , 2020, 105, 286-296.	1.6	15
888	Protective effects and potential mechanisms of (2-Carboxyethyl) dimethylsulfonium Bromide (Br-DMPT) on gill health status of on-growing grass carp (<i>Ctenopharyngodon idella</i>) after infection with <i>Flavobacterium columnare</i> . <i>Fish and Shellfish Immunology</i> , 2020, 106, 228-240.	1.6	6
889	Biological markers to establish a relationship between the health status of the St. Lawrence River yellow perch (<i>Perca flavescens</i>) with a gradient of anthropogenic disturbances. <i>Science of the Total Environment</i> , 2020, 726, 138515.	3.9	2

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891	Effects of the sea lice bath treatment pharmaceuticals hydrogen peroxide, azamethiphos and deltamethrin on egg-carrying shrimp (<i>Pandalus borealis</i>). Marine Environmental Research, 2020, 159, 105007.	1.1	7
892	Temperature elevation stage-specifically increases metal toxicity through bioconcentration and impairment of antioxidant defense systems in juvenile and adult marine mysids. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 237, 108831.	1.3	7
893	Microplastic pollution as a grand challenge in marine research: A closer look at their adverse impacts on the immune and reproductive systems. Ecotoxicology and Environmental Safety, 2020, 204, 111109.	2.9	93
894	Enniatin B induces dosage-related apoptosis or necrosis in mouse blastocysts leading to deleterious effects on embryo development. Drug and Chemical Toxicology, 2022, 45, 1449-1460.	1.2	6
895	Multi-biomarker approach to assess the acute effects of cerium dioxide nanoparticles in gills, liver and kidney of <i>Oncorhynchus mykiss</i> . Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 238, 108842.	1.3	10
896	Effects of single and combined exposure to cocaine and benzoylecgonine on the oxidative status of <i>Mytilus galloprovincialis</i> . Environmental Toxicology and Pharmacology, 2020, 80, 103475.	2.0	9
897	Neuromodulatory and oxidative stress evaluations in African catfish <i>Clarias gariepinus</i> exposed to antipsychotic drug chlorpromazine. Drug and Chemical Toxicology, 2022, 45, 1318-1324.	1.2	9
899	Effects of stocking density on growth, serum parameters, antioxidant status, liver and intestine histology and gene expression of largemouth bass (<i>Micropterus salmoides</i>) farmed in the in-pond raceway system. Aquaculture Research, 2020, 51, 5228-5240.	0.9	28
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901	Evaluation of Sub-Lethal Toxicity of Benzethonium Chloride in <i>Cyprinus carpio</i> Liver. Applied Sciences (Switzerland), 2020, 10, 8485.	1.3	7
902	Amelioration of hexavalent chromium-induced bioaccumulation, oxidative stress, tight junction proteins and immune-related signaling factors by <i>Allium mongolicum</i> Regel flavonoids in <i>Ctenopharyngodon idella</i> . Fish and Shellfish Immunology, 2020, 106, 993-1003.	1.6	36
903	Benefits of Dietary Butyric Acid, Sodium Butyrate, and Their Protected Forms in Aquafeeds: A Review. Reviews in Fisheries Science and Aquaculture, 2020, 28, 421-448.	5.1	91
904	Effects of abamectin-based and difenoconazole-based formulations and their mixtures in <i>Daphnia magna</i> : a multiple endpoint approach. Ecotoxicology, 2020, 29, 1486-1499.	1.1	22
905	Assessment of seasonal and spatial variations of biochemical markers in <i>Corydalus</i> sp. (Megaloptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf Science and Pollution Research, 2020, 27, 30755-30766.	2.7	1
906	Does salinity variation increase synergistic effects of triclosan and carbon nanotubes on <i>Mytilus galloprovincialis</i> ? Responses on adult tissues and sperms. Science of the Total Environment, 2020, 734, 138837.	3.9	16
907	Effects of temperature changes on life parameters, oxidative stress, and antioxidant defense system in the monogonont marine rotifer <i>Brachionus plicatilis</i> . Marine Pollution Bulletin, 2020, 155, 111062.	2.3	15
908	Nutrients and salinity influence <i>Prymnesium parvum</i> (UTEX LB 2797) elicited sublethal toxicity in <i>Pimephales promelas</i> and <i>Danio rerio</i> . Harmful Algae, 2020, 93, 101795.	2.2	7

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909	Biomarkers (glutathione S-transferase and catalase) and microorganisms in soft tissues of <i>Crassostrea rhizophorae</i> to assess contamination of seafood in Brazil. <i>Marine Pollution Bulletin</i> , 2020, 158, 111348.	2.3	10
910	Î ² -cyclodextrin improve the tolerant of freshwater algal Spiny <i>Scenedesmus</i> to chiral drugs venlafaxine and its metabolite. <i>Journal of Hazardous Materials</i> , 2020, 399, 123076.	6.5	4
911	<i>Saccharomyces crevices</i> and <i>Bacillus</i> spp. effectively enhance health tolerance of Nile tilapia under transportation stress. <i>Aquaculture</i> , 2020, 528, 735527.	1.7	21
912	Response Patterns of Biomarkers as Tools to Identify Toxic Effects of Cadmium and Lead on <i>Bufo gargarizans</i> Embryo. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 41-50.	1.3	7
913	Uptake and detoxification of trace metals in estuarine crabs: insights into the role of metallothioneins. <i>Environmental Science and Pollution Research</i> , 2020, 27, 31905-31917.	2.7	17
914	Environmental toxicology: aquatic. , 2020, , 263-278.		0
915	Protective effects of dietary arginine against oxidative damage and hepatopancreas immune responses induced by T-2 toxin in Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2020, 104, 447-456.	1.6	17
916	Exposure to sublethal concentrations of zinc pyrithione inhibits growth and survival of marine polychaete through induction of oxidative stress and DNA damage. <i>Marine Pollution Bulletin</i> , 2020, 156, 111276.	2.3	15
917	The antioxidative and immunity roles of chitosan nanoparticle and vitamin C-supplemented diets against imidacloprid toxicity on <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , 2020, 523, 735219.	1.7	58
918	Epigallocatechin-3-Gallate Protects Neuro-2a Cells From Sodium Fluoride-Induced Oxidative Damage In Vitro. <i>Natural Product Communications</i> , 2020, 15, 1934578X2091147.	0.2	1
919	Fundamentals of environmental metabolomics. , 2020, , 1-33.		4
920	Antioxidant responses of triangle sail mussel <i>Hyriopsis cumingii</i> exposed to toxic <i>Microcystis aeruginosa</i> and thermal stress. <i>Science of the Total Environment</i> , 2020, 743, 140754.	3.9	18
921	Experience Gained from Ecotoxicological Studies in the Seine River and Its Drainage Basin Over the Last Decade: Applicative Examples and Research Perspectives. <i>Handbook of Environmental Chemistry</i> , 2020, , 243-268.	0.2	2
922	The putative effect of a SOD-rich melon pulp-concentrate on growth performance and antioxidant status of Nile tilapia (<i>Oreochromis niloticus</i>) under heat/dissolved oxygen-induced stress. <i>Aquaculture</i> , 2020, 529, 735669.	1.7	12
923	Superoxide Dismutase and Catalase Activities in Tissues of the Black Sea Bivalve Mollusks <i>Cerastoderma glaucum</i> (Bruguière, 1789), <i>Anadara kagoshimensis</i> (Tokunaga, 1906) and <i>Mytilus galloprovincialis</i> Lam. as Related to Adaptation to Their Habitats. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2020, 56, 113-124.	0.2	6
924	Biological Activity of Porcine Gastric Mucin on Stress Resistance and Immunomodulation. <i>Molecules</i> , 2020, 25, 2981.	1.7	6
925	Effects of Ascorbic Acid and Î ² -1,3-Glucan on Survival, Physiological Response and Flesh Quality of Cultured Tiger Grouper (<i>Epinephelus fuscoguttatus</i>) during Simulated Transport in Water. <i>Biology</i> , 2020, 9, 37.	1.3	26
926	Effect of water temperature on cellular stress responses in meagre (<i>Argyrosomus regius</i>). <i>Fish Physiology and Biochemistry</i> , 2020, 46, 1075-1091.	0.9	27

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928	Combined toxic effects of anatoxin-a and microcystin-LR on submerged macrophytes and biofilms. <i>Journal of Hazardous Materials</i> , 2020, 389, 122053.	6.5	33
929	Evaluation of combined developmental neurological toxicity of di (n-butyl) phthalates and lead using immature mice. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9318-9326.	2.7	10
930	An Analytical-Experimental Approach to Quantifying the Effects of Static Magnetic Fields for Cell Culture Applications. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 531.	1.3	6
931	Melatonin reduces aggressiveness and improves oxidative status of matrinxã (Brycon amazonicus) subjected to social challenge. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 1019-1024.	0.9	4
932	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. <i>Science of the Total Environment</i> , 2020, 723, 137798.	3.9	11
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936	Nodularin induced oxidative stress contributes to developmental toxicity in zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , 2020, 194, 110444.	2.9	34
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938	Investigating the Potential Toxicity of Hydraulic Fracturing Flowback and Produced Water Spills to Aquatic Animals in Freshwater Environments: A North American Perspective. <i>Reviews of Environmental Contamination and Toxicology</i> , 2020, 254, 1-56.	0.7	2
939	Sentinel species for biomonitoring and biosurveillance of environmental heavy metals in Nigeria. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2020, 38, 21-60.	0.4	16
940	Can <i>Palythoa cf. variabilis</i> biochemical patterns be used to predict coral reef conservation state in Todos Os Santos Bay?. <i>Environmental Research</i> , 2020, 186, 109504.	3.7	1
941	Synergistic interaction of diclofenac and its metabolites with selected antibiotics and amygdalin in wastewaters. <i>Environmental Research</i> , 2020, 186, 109511.	3.7	4
942	Neonicotinoids caused oxidative stress and DNA damage in juvenile Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2020, 197, 110566.	2.9	26
943	Assessing the effects of textile leachates in fish using multiple testing methods: From gene expression to behavior. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111523.	2.9	37
944	Detrimental Effects of Bisphenol Compounds on Physiology and Reproduction in Fish: A Literature Review. <i>Environmental Toxicology and Pharmacology</i> , 2021, 81, 103497.	2.0	41

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946	The stress of abamectin toxicity reduced water quality, growth performance, immunity and antioxidant capacity of <i>Oreochromis niloticus</i> fish: Modulatory role of <i>Simmondsia chinensis</i> extract as a dietary supplement. <i>Aquaculture</i> , 2021, 534, 736247.	1.7	33
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948	Effects of elevated temperature on prooxidant-antioxidant homeostasis and redox status in the American oyster: Signaling pathways of cellular apoptosis during heat stress. <i>Environmental Research</i> , 2021, 196, 110428.	3.7	42
949	Physiological performance of common carp (<i>Cyprinus carpio</i> , L., 1758) exposed to a sublethal copper/zinc/cadmium mixture. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 242, 108954.	1.3	3
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951	Assessment of cytotoxicity biomarkers on the microalga <i>Chlamydomonas reinhardtii</i> exposed to emerging and priority pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111646.	2.9	21
952	Carbamazepine at environmentally relevant concentrations caused DNA damage and apoptosis in the liver of Chinese rare minnows (<i>Gobiocypris rarus</i>) by the Ras/Raf/ERK/p53 signaling pathway. <i>Environmental Pollution</i> , 2021, 270, 116245.	3.7	24
953	A multibiomarker approach in the caged neotropical fish to assess the environment health in a river of central Brazilian Cerrado. <i>Science of the Total Environment</i> , 2021, 751, 141632.	3.9	13
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956	Effect of fulvic acid on barnyardgrass (<i>Echinochloa crus-galli</i>) seedling growth under flooding conditions. <i>Weed Science</i> , 2021, 69, 192-202.	0.8	4
957	Impacts of nanomaterials synthesized by greener methods on aquatic vertebrates. , 2021, , 463-486.		0
958	Determination of the Effect of Cyfluthrin Pesticide on Zebra Mussel (<i>Dreissena polymorpha</i>) by Some Antioxidant Enzyme Activities. <i>Journal of Anatolian Environmental and Animal Sciences</i> , 0, , .	0.2	4
959	Toxicity of gamma aluminium oxide nanoparticles in the Mediterranean mussel (<i>Mytilus</i>) digestive gland. <i>Biomarkers</i> , 2021, 26, 248-259.	0.9	9
960	Effects of deltamethrin subacute exposure in snakehead fish, <i>Channa argus</i> : Biochemicals, antioxidants and immune responses. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111821.	2.9	44
961	Preliminary study of oxidative stress biomarkers and trace elements in North Sea Harbour Seals. <i>Marine Pollution Bulletin</i> , 2021, 163, 111905.	2.3	1
962	Influence of light spectra on the performance of juvenile turbot (<i>Scophthalmus maximus</i>). <i>Aquaculture</i> , 2021, 533, 736191.	1.7	15

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964	Inactivation of harmful algae using photocatalysts: Mechanisms and performance. <i>Journal of Cleaner Production</i> , 2021, 289, 125755.	4.6	37
965	Environmentally relevant pesticides induce biochemical changes in Nile tilapia (<i>Oreochromis Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662</i>)	1.1	6
966	Cadmium exposure induces inflammation through the canonical NF- κ B pathway in monocytes/macrophages of <i>Channa punctatus</i> Bloch. <i>Fish and Shellfish Immunology</i> , 2021, 110, 116-126.	1.6	22
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968	Gamma-aminobutyric acid regulates glucose homeostasis and enhances the hepatopancreas health of juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>) under fasting stress. <i>General and Comparative Endocrinology</i> , 2021, 303, 113704.	0.8	13
969	Effects of multiple stressors on northern leopard frogs in agricultural wetlands. <i>Parasitology</i> , 2021, 148, 827-834.	0.7	8
970	Evaluation of Multivariate Biomarker Indexes Application in Ecotoxicity Tests with Marine Diatoms Exposed to Emerging Contaminants. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3878.	1.3	8
971	Assessment of recreational potential of Sevastopol bays using bioindication methods. <i>South of Russia: Ecology, Development</i> , 2021, 16, 151-167.	0.1	3
972	Multibiomarker responses and bioaccumulation of fipronil in <i>Prochilodus lineatus</i> exposed to spiked sediments: Oxidative stress and antioxidant defenses. <i>Pesticide Biochemistry and Physiology</i> , 2021, 177, 104876.	1.6	3
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974	Arsenate toxicity to the marine microalga <i>Chlorella vulgaris</i> increases under phosphorus-limited condition. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50908-50918.	2.7	6
975	The Antioxidant Role of a Taurine-Enriched Diet in Combating the Immunotoxic and Inflammatory Effects of Pyrethroids and/or Carbamates in <i>Oreochromis niloticus</i> . <i>Animals</i> , 2021, 11, 1318.	1.0	25
976	Effect of β -Cyhalothrin-Loaded Polydopamine Microcapsule Suspensions on Stress Defenses in the Chinese Mitten Crab, <i>Eriocheir sinensis</i> . <i>ACS Agricultural Science and Technology</i> , 2021, 1, 303-311.	1.0	1
977	Bioremediation assessment, hematological, and biochemical responses of the earthworm (<i>Allolobophora caliginosa</i>) in soil contaminated with crude oil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 54565-54574.	2.7	8
978	Oxidative stress responses caused by dimethyl phthalate (DMP) and diethyl phthalate (DEP) in a marine diatom <i>Phaeodactylum tricornutum</i> . <i>Marine Pollution Bulletin</i> , 2021, 166, 112222.	2.3	12
979	Atividade de enzimas do sistema de defesa antioxidante de tilápias (<i>Oreochromis niloticus</i>) como modelo de exposiĂŁo Ă nanopartĂcula de diĂxido de titĂnio (TiO ₂). <i>Research, Society and Development</i> , 2021, 10, e46810512829.	0.0	0
980	Effects of dietary synbiotics supplementation methods on growth, intestinal health, non-specific immunity and disease resistance of Pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2021, 112, 46-55.	1.6	35

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982	Evaluation of the Acute Effects and Oxidative Stress Responses of Phenicol Antibiotics and Suspended Particles in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2463-2473.	2.2	9
983	Single and combined effects of phenanthrene and polystyrene microplastics on oxidative stress of the clam (<i>Macraa veneriformis</i>). <i>Science of the Total Environment</i> , 2021, 771, 144728.	3.9	37
984	Thorium Exposure Drives Fatty Acid and Metal Transfer from Biofilms to the Grazer <i>Lymnaea</i> sp.. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2220-2228.	2.2	3
985	Larvae Crowding Increases Development Rate, Improves Disease Resistance, and Induces Expression of Antioxidant Enzymes and Heat Shock Proteins in <i>Mythimna separata</i> (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 2021, 114, 1808-1816.	0.8	4
986	The therapeutic effects of <i>Prunella vulgaris</i> against fluoride-induced oxidative damage by using the metabolomics method. <i>Environmental Toxicology</i> , 2021, 36, 1802-1816.	2.1	15
987	Ameliorative role of ascorbic acid on the oxidative stress and genotoxicity induced by acetamiprid in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Environmental Science and Pollution Research</i> , 2021, 28, 55089-55101.	2.7	11
989	Dose- and time-effects responses of Nonylphenol on oxidative stress in rat through the Keap1-Nrf2 signaling pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 216, 112185.	2.9	12
990	Alternariol exerts embryotoxic and immunotoxic effects on mouse blastocysts through ROS-mediated apoptotic processes. <i>Toxicology Research</i> , 2021, 10, 719-732.	0.9	8
991	Oxidative stress responses of a freshwater fish, <i>Labeo rohita</i> , to a xenobiotic, bisphenol S. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22820.	1.4	6
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994	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
995	Nano and microplastic interactions with freshwater biota – Current knowledge, challenges and future solutions. <i>Environment International</i> , 2021, 152, 106504.	4.8	91
997	The mussel caging approach in the assessment of trace metal contamination in southern Mediterranean coastal waters: a multi-biomarker study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63032-63044.	2.7	5
998	Polychlorinated Diphenyl Sulfides: An Emerging Class of Persistent, Bioaccumulative, and Toxic Substances in the Environment. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2657-2666.	2.2	6
999	Microplastic ingestion induces asymmetry and oxidative stress in larvae of the sea urchin <i>Pseudechinus huttoni</i> . <i>Marine Pollution Bulletin</i> , 2021, 168, 112369.	2.3	17
1000	Application of a biological multilevel response approach in the copepod <i>Acartia tonsa</i> for toxicity testing of three oil Water Accommodated Fractions. <i>Marine Environmental Research</i> , 2021, 169, 105378.	1.1	6

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1002	Genomic markers for the biological responses of Triclosan stressed hatchlings of <i>Labeo rohita</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 67370-67384.	2.7	11
1003	Chronic exposure to Bisphenol A resulted in alterations of reproductive functions via immune defense, oxidative damage and disruption DNA/histone methylation in male rare minnow <i>Gobiocypris rarus</i> . <i>Aquatic Toxicology</i> , 2021, 236, 105849.	1.9	14
1004	The role of ascorbic acid combined exposure on Imidacloprid-induced oxidative stress and genotoxicity in Nile tilapia. <i>Scientific Reports</i> , 2021, 11, 14716.	1.6	16
1005	Dietary exogenous supplementation of nucleotides strengthens the disease resistance, antioxidant capacity and immunity in the gill of on-growing grass carp (<i>Ctenopharyngodon idella</i>) following a challenge with <i>Flavobacterium columnare</i> . <i>Aquaculture</i> , 2021, 540, 736729.	1.7	22
1006	Developmental neurotoxicity of antimony (Sb) in the early life stages of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2021, 218, 112308.	2.9	24
1007	The effects of feeding and starvation on antioxidant defence, fatty acid composition and lipid peroxidation in reared <i>Oncorhynchus mykiss</i> fry. <i>Scientific Reports</i> , 2021, 11, 16716.	1.6	9
1008	Particulate air-borne pollutants in Port Harcourt could contaminate recreational pools; toxicity evaluation and children's health risk assessment. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	3
1009	Microalgae and bio-polymeric adsorbents: an integrative approach giving new directions to wastewater treatment. <i>International Journal of Phytoremediation</i> , 2022, 24, 536-556.	1.7	3
1010	Molecular characterization and immune regulatory, antioxidant, and antiapoptotic activities of thioredoxin domain-containing protein 17 (TXNDC17) in yellowtail clownfish (<i>Amphiprion clarkii</i>). <i>Fish and Shellfish Immunology</i> , 2021, 115, 75-85.	1.6	6
1012	Year-round element quantification of a wide-ranging seabird and their relationships with oxidative stress, trophic ecology, and foraging patterns. <i>Environmental Pollution</i> , 2021, 284, 117502.	3.7	4
1013	Activity of biochemical biomarkers in grasshoppers <i>Abracris flavolineata</i> (De Geer, 1773) (Orthoptera: Tj ETQq1 1 0.784314 rgBT / Overl	0.0	0
1014	Response to Static Magnetic Field-Induced Stress in <i>Scenedesmus obliquus</i> and <i>Nannochloropsis gaditana</i> . <i>Marine Drugs</i> , 2021, 19, 527.	2.2	11
1015	Effects of <i>Bacillus velezensis</i> Supplementation on the Growth Performance, Immune Responses, and Intestine Microbiota of <i>Litopenaeus vannamei</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
1016	The Relationship Between Embryotoxicity and Oxidative Stress Produced by Aluminum, Iron, Mercury, and Their Mixture on <i>Cyprinus carpio</i> . <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	7
1017	Potential use of <i>Solanum lycopersicum</i> and plant growth promoting rhizobacterial (PGPR) strains for the phytoremediation of endosulfan stressed soil. <i>Chemosphere</i> , 2021, 279, 130589.	4.2	15
1019	Metal determination and biochemical status of marine fishes facilitate the biomonitoring of marine pollution. <i>Marine Pollution Bulletin</i> , 2021, 170, 112682.	2.3	7
1020	A copper-zinc-superoxide dismutase (CuZnSOD) from redlip mullet, <i>Liza haematocheila</i> : Insights to its structural characteristics, immune responses, antioxidant activity, and potent antibacterial properties. <i>Developmental and Comparative Immunology</i> , 2021, 123, 104165.	1.0	5

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1022	Oxidative stress in tissues of gilthead seabream (<i>Sparus aurata</i>) and European seabass (<i>Dicentrarchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 2021, 8, 100070.	1.1	5
1023	Long-term exposure to environmentally relevant concentrations of ibuprofen and aluminum alters oxidative stress status on <i>Danio rerio</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 248, 109071.	1.3	10
1024	Effects of nutraceutical conglomerate on growth and antioxidant status of <i>Labeo rohita</i> fingerlings. <i>Animal Feed Science and Technology</i> , 2021, 280, 115045.	1.1	5
1025	Modulation of immunity and hepatic antioxidant defense by corticosteroids in pacu (<i>Piaractus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58 <i>Physiology</i> , 2021, 260, 111025.	0.8	4
1026	Protective effects of <i>Spirulina</i> (<i>Arthrospira maxima</i>) against toxicity induced by cadmium in <i>Xenopus laevis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 248, 109099.	1.3	3
1027	Effects of sulfamethoxazole on the growth, oxidative stress and inflammatory response in the liver of juvenile Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2021, 543, 736935.	1.7	7
1028	Impacts of an azo food dye tartrazine uptake on intestinal barrier, oxidative stress, inflammatory response and intestinal microbiome in crucian carp (<i>Carassius auratus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112551.	2.9	22
1029	Luminescent Microbial Bioassays and Microalgal Biosensors as Tools for Environmental Toxicity Evaluation. , 2022, , 767-824.		2
1030	Toxicological insights of Spike fragments SARS-CoV-2 by exposure environment: A threat to aquatic health?. <i>Journal of Hazardous Materials</i> , 2021, 419, 126463.	6.5	24
1031	The mechanism of apoptosis of <i>Chlamys farreri</i> hemocytes under benzopyrene stress in vitro. <i>Science of the Total Environment</i> , 2021, 794, 148731.	3.9	15
1032	Integrated biological response to environmentally-relevant concentration of amitriptyline in <i>Sparus aurata</i> . <i>Ecological Indicators</i> , 2021, 130, 108028.	2.6	6
1033	Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia. <i>Fish and Shellfish Immunology</i> , 2021, 118, 270-282.	1.6	8
1034	Effects of cadmium on antioxidant and non-specific immunity of <i>Macrobrachium nipponense</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112651.	2.9	12
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1180	Ferroptosis and Apoptosis Are Involved in the Formation of L-Selenomethionine-Induced Ocular Defects in Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4783.	1.8	5
1181	Impact of P-Chloroaniline on Oxidative Stress and Biomacromolecules Damage in the Clam <i>Ruditapes philippinarum</i> : A Simulate Toxicity Test of Spill Incident. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5092.	1.2	1
1182	Metabolomic Profile of the Fungus <i>Cryomyces antarcticus</i> Under Simulated Martian and Space Conditions as Support for Life-Detection Missions on Mars. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	6
1183	Dietary gamma-aminobutyric acid (GABA) improves non-specific immunity and alleviates lipopolysaccharide (LPS)-induced immune overresponse in juvenile Chinese mitten crab (<i>Eriocheir</i>) Tj ETQq1 1 0.784314 rgBT9/Overlook		
1184	Cortisol modulates glucose metabolism and oxidative response after acute high temperature stress in Pacific oyster <i>Crassostrea gigas</i> . <i>Fish and Shellfish Immunology</i> , 2022, 126, 141-149.	1.6	4
1185	Difenoconazole causes spleen tissue damage and immune dysfunction of carp through oxidative stress and apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2022, 237, 113563.	2.9	24
1186	Environmentally relevant concentrations of benzophenones triggered DNA damage and apoptosis in male Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Environment International</i> , 2022, 164, 107260.	4.8	12
1187	The effect of a polystyrene nanoplastic on the intestinal microbes and oxidative stress defense of the freshwater crayfish, <i>Procambarus clarkii</i> . <i>Science of the Total Environment</i> , 2022, 833, 155722.	3.9	35
1188	Metal-organic-framework-based photocatalysts for microorganism inactivation: a review. <i>Catalysis Science and Technology</i> , 2022, 12, 3767-3777.	2.1	13
1189	Organic and inorganic pollutants in Jordão and Iguaçu rivers southern Brazil impact early phases of <i>Rhamdia quelen</i> and represent a risk for population. <i>Chemosphere</i> , 2022, 303, 134989.	4.2	2
1190	Biological effects of harvesting harmful algal blooms on submerged macrophytes and leaf biofilms: A mesocosm experiment. <i>Journal of Cleaner Production</i> , 2022, 361, 132256.	4.6	4
1191	Commercial Red Food Dyes Preparations Modulate the Oxidative State in Three Model Organisms (<i>Cucumis sativus</i> , <i>Artemia salina</i> , and <i>Danio rerio</i>). <i>Environments - MDPI</i> , 2022, 9, 63.	1.5	4
1192	Toxic effects of waterborne benzylparaben on the growth, antioxidant capacity and lipid metabolism of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquatic Toxicology</i> , 2022, 248, 106197.	1.9	8
1193	Multiple Reaction Monitoring Mass Spectrometry for the Discovery of Environmentally Modulated Proteins in an Aquatic Invertebrate Sentinel Species, <i>Gammarus Fossarum</i> . <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1194	Structural characterization of a polysaccharide from <i>Dioscorea opposita</i> and assessment of its hepatoprotective activity. <i>Process Biochemistry</i> , 2022, 120, 156-168.	1.8	7
1195	Eradication of exotoxin A and its producer in freshwater by means of cold-vaporized hydrogen peroxide-enhanced SDBD: A sustainable processing. <i>Aquaculture</i> , 2022, 559, 738380.	1.7	1
1196	Dietary administration of <i>Bacillus subtilis</i> , inulin and its synbiotic combination improves growth and mitigates stress in experimentally infected <i>Pseudoplatystoma reticulatum</i> . <i>Aquaculture Research</i> , 2022, 53, 4256-4265.	0.9	2
1197	Environmentally relevant concentrations of fenvalerate induces immunotoxicity and reduces pathogen resistance in Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Science of the Total Environment</i> , 2022, 838, 156347.	3.9	4

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1198	Combined proteomic and gene expression analysis to investigate reduced performance in rainbow trout (<i>Oncorhynchus mykiss</i>) caused by environmentally relevant microplastic exposure. <i>Microplastics and Nanoplastics</i> , 2022, 2, .	4.1	2
1199	The mechanism of semicarbazide (SEM) exposure causes immunosuppression and reduces disease resistance of marine crustacean species, <i>Scylla paramamosain</i> . <i>Aquaculture</i> , 2022, 558, 738404.	1.7	4
1201	Experimental substantiation of the tentatively safe level of diethyl disulfide in the air of the working area and the atmospheric air of populated areas. <i>Toxicological Review</i> , 2022, 30, 177-181.	0.2	0
1202	Behavioral, Histological, and Physiological Evaluation of the Effect of Imidacloprid on the Spider <i>Misumenops maculissparsus</i> . <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 2152-2161.	2.2	0
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1204	Palliative effect of dietary common sage leaves against toxic impacts of nonylphenol in Mirror carp (<i>Cyprinus carpio</i> var <i>specularis</i>): Growth, gene expression, immune-antioxidant status, and histopathological alterations. <i>Aquaculture Reports</i> , 2022, 25, 101200.	0.7	4
1205	Impacts of Metal Nanoparticles on Fish. , 2022, , 1-18.		1
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1208	Effect of incorporation of La into WO ₃ nanorods for improving photocatalytic activity under visible light irradiation. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 170, 110908.	1.9	18
1209	Fluctuating asymmetry and oxidative stress indicate environmental stress of Cane toads <i>Rhinella marina</i> . <i>Zoologischer Anzeiger</i> , 2022, 299, 234-242.	0.4	5
1210	Multi-biomarker approach and IBR index to evaluate the effects of bisphenol A on embryonic stages of zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103925.	2.0	10
1211	Micro-contaminant, but immense impact: Source and influence of diethyl phthalate plasticizer on bottom-dwelling fishes. <i>Chemosphere</i> , 2022, 306, 135563.	4.2	4
1212	Antioxidant enzymes and GST activity in natural populations of <i>Holandriana holandrii</i> from the Bosna River. <i>Turkish Journal of Biology</i> , 0, , .	2.1	2
1213	Differences in Trophic Level, Contaminant Load and DNA Damage in an Urban and a Remote Herring Gull (<i>Larus argentatus</i>) Breeding Colony in Coastal Norway. <i>Environmental Toxicology and Chemistry</i> , 0, , .	2.2	1
1214	Effect of quercetin on muscle growth and antioxidant status of the dark sleeper <i>Odontobutis potamophila</i> . <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
1215	Effect of Acute Toxicity of Commercial Organophosphate Insecticide Based on Chlorpyrifos on <i>Fejervarya limnocharis</i> Tadpoles (Anura: Dicroglossidae). <i>Journal of Tropical Life Science</i> , 2022, 12, 231-240.	0.1	0
1216	Impact of Mycotoxin Contaminations on Aquatic Organisms: Toxic Effect of Aflatoxin B1 and Fumonisin B1 Mixture. <i>Toxins</i> , 2022, 14, 518.	1.5	16

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1217	Protective effects of summer savory (<i>Satureja hortensis</i>) oil on growth, biochemical, and immune system performance of common carp exposed to pretilachlor herbicide. <i>Veterinary Research Communications</i> , 2022, 46, 1063-1074.	0.6	2
1218	Iron supplementation inhibits hypoxia-induced mitochondrial damage and protects zebrafish liver cells from death. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2
1219	Toxicity Assessment of an Anti-Cancer Drug of p-Toluene Sulfonamide in Zebrafish Larvae Based on Cardiovascular and Locomotion Activities. <i>Biomolecules</i> , 2022, 12, 1103.	1.8	4
1220	Effects of Alkalinity on the Antioxidant Capacity, Nonspecific Immune Response and Tissue Structure of Chinese Mitten Crab <i>Eriocheir sinensis</i> . <i>Fishes</i> , 2022, 7, 206.	0.7	8
1221	Prior Knowledge for Predictive Modeling: The Case of Acute Aquatic Toxicity. <i>Journal of Chemical Information and Modeling</i> , 0, , .	2.5	5
1222	Effects of Dietary American Cockroach <i>Periplaneta americana</i> Meal Inclusion on the Growth Performance, Antioxidant Capacity, and Immunity of Juvenile Rainbow Trout <i>Oncorhynchus mykiss</i> . <i>Aquaculture Nutrition</i> , 2022, 2022, 1-17.	1.1	3
1223	Response of Antioxidant Enzyme Activities of the Green Microalga <i>Chlorococcum</i> sp. AZHB to Cu ²⁺ and Cd ²⁺ Stress. <i>Sustainability</i> , 2022, 14, 10320.	1.6	5
1224	Nitrate-Induced Toxicity and Potential Attenuation of Behavioural and Stress Biomarkers in <i>Tubifex tubifex</i> . <i>International Journal of Environmental Research</i> , 2022, 16, .	1.1	2
1225	Appraisal of sub-chronic exposure to lambda-cyhalothrin and/or methomyl on the behavior and hepato-renal functioning in <i>Oreochromis niloticus</i> : Supportive role of taurine-supplemented feed. <i>Aquatic Toxicology</i> , 2022, 250, 106257.	1.9	7
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1227	Stress response to trace elements mixture of different embryo-larval stages of <i>Paracentrotus lividus</i> . <i>Marine Pollution Bulletin</i> , 2022, 183, 114092.	2.3	2
1228	Pathologic, transcriptomic and microbiomic insight into the pathogenesis of intestinal parasitic tapeworm in cultured Chinese soft-shelled turtle (<i>Pelodiscus sinensis</i>). <i>Aquaculture</i> , 2023, 562, 738788.	1.7	2
1229	Heavy metal contamination and their remediation. , 2022, , 255-270.		0
1230	Bioaccumulation of N-(1,3-dimethylbutyl)-N-phenyl-p-phenylenediamine (6PPD) and its potential cardiotoxicity in larval zebrafish (<i>Danio rerio</i>). <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
1231	Toxicity of silver, copper oxide, and polyethylene nanoparticles on the earthworm <i>Allolobophora caliginosa</i> using multiple biomarkers. <i>Applied Soil Ecology</i> , 2023, 181, 104681.	2.1	9
1232	Spatio-temporal changes in oxidative stress physiology parameters in apple snail <i>Pila globosa</i> as a function of soil Mg, Ca, organic carbon and aquatic physico-chemical factors. <i>Environmental Geochemistry and Health</i> , 2023, 45, 2591-2610.	1.8	10
1233	Approaching a closer surrogate for the biologically effective dose with subcellular partitioning-based toxicokinetic models. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 1103-1125.	6.6	3
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1236	Redox environment inducing strategy for enhancing biological phosphorus removal in a full-scale municipal wastewater treatment plant. <i>Journal of Cleaner Production</i> , 2022, 376, 134237.	4.6	12
1237	Life after death? Exploring biochemical and molecular changes following organismal death in green turtles, <i>Chelonia mydas</i> (Linnaeus, 1758). <i>Chemosphere</i> , 2022, 308, 136569.	4.2	1
1238	Modification of the oxygen radical absorbance capacity assay and its application in evaluating the total antioxidative state in fish. <i>Advances in Redox Research</i> , 2022, 6, 100049.	0.9	1
1239	Effects of dietary yeast β -1,3/1,6-glucans on oxidative stress biomarkers in hearts and livers of rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum), European whitefish (<i>Coregonus lavaretus</i> L.), and grayling (<i>Thymallus thymallus</i> L.). <i>Fisheries & Aquatic Life</i> , 2022, 30, 149-168.	0.2	0
1240	Impact of Physically and Chemically Dispersed Crude Oil on the Antioxidant Defense Capacities and Non-Specific Immune Responses in Sea Cucumber (<i>Apostichopus japonicus</i>). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1544.	1.2	1
1241	Phytogenic Substances: A Promising Approach Towards Sustainable Aquaculture Industry. , 2022, , 160-193.		0
1242	Comparative study of blood physiological, antioxidant capacity, nutrition and organoleptic quality between wild, factory and cage-cultured <i>Hexagrammos otakii</i> . <i>Aquaculture Research</i> , 0, , .	0.9	0
1243	Behavioural, physiological and molecular responses of the Antarctic fairy shrimp <i>Branchinecta gaini</i> (Daday, 1910) to polystyrene nanoplastics. <i>NanoImpact</i> , 2022, 28, 100437.	2.4	4
1244	Multiple reaction monitoring mass spectrometry for the discovery of environmentally modulated proteins in an aquatic invertebrate sentinel species, <i>Gammarus fossarum</i> . <i>Environmental Pollution</i> , 2022, 315, 120393.	3.7	6
1245	Toxicity of nitenpyram to silkworm (<i>Bombyx mori</i> L.) and its potential mechanisms. <i>Chemosphere</i> , 2023, 311, 137026.	4.2	3
1246	Effects of Nonylphenol-Induced Oxidative Stress in Ovary of Cichlid Fish, <i>Etilapia maculatus</i> (Bloch, 1795). <i>International Letters of Natural Sciences</i> , 0, 58, 11-15.	1.0	0
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1249	Evaluation of antioxidant capacity and digestive enzyme activities in <i>Mytilus galloprovincialis</i> exposed to nanoplastics under different patterns of hypoxia. <i>Marine Environmental Research</i> , 2023, 183, 105849.	1.1	6
1250	Effects of haloxyfop-p-methyl on the developmental toxicity, neurotoxicity, and immunotoxicity in zebrafish. <i>Fish and Shellfish Immunology</i> , 2023, 132, 108466.	1.6	7
1251	Molecular and biochemical responses to tributyltin (TBT) exposure in the American oyster: Triggers of stress-induced oxidative DNA damage and prooxidant-antioxidant imbalance in tissues by TBT. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2023, 264, 109523.	1.3	2
1252	Ameliorative Effect of Quercetin against Abamectin-Induced Hemato-Biochemical Alterations and Hepatorenal Oxidative Damage in Nile Tilapia, <i>Oreochromis niloticus</i> . <i>Animals</i> , 2022, 12, 3429.	1.0	5

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1254	Mechanisms regarding respiratory toxicity triggered by accumulation of ROS in carp exposed to difenoconazole. <i>Pesticide Biochemistry and Physiology</i> , 2023, 191, 105343.	1.6	5
1255	Does Fipronil Affect on Aquatic Organisms? Physiological, Biochemical, and Histopathological Alterations of Non-Target Freshwater Mussel Species. <i>Water (Switzerland)</i> , 2023, 15, 334.	1.2	5
1256	Effects of metal accumulation on oxidative metabolism of. <i>Marine and Freshwater Research</i> , 2023, 74, 144-156.	0.7	3
1257	Measuring the effects of diethyl phthalate microplastics on marine algae growth using dielectric spectroscopy. <i>Science of the Total Environment</i> , 2023, 865, 161221.	3.9	4
1258	Oxidative Stress of Cadmium and Lead at Environmentally Relevant Concentrations on Hepatopancreas of <i>Macrobrachium nipponensis</i> and Their Mixture Interactivity: Implications for Water Quality Criteria Amendment. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 360.	1.2	3
1259	<i>Moringa oleifera</i> and <i>Azadirachta indica</i> Leaves Enriched Diets Mitigate Chronic Oxyfluorfen Toxicity Induced Immunosuppression through Disruption of Pro/Anti-Inflammatory Gene Pathways, Alteration of Antioxidant Gene Expression, and Histopathological Alteration in <i>Oreochromis niloticus</i> . <i>Fishes</i> , 2023, 8, 15.	0.7	8
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1263	Multiple anthropogenic influences in the Par�ı River (Amazonia, Brazil): A spatial-temporal ecotoxicological monitoring in abiotic and biotic compartments. <i>Chemosphere</i> , 2023, 323, 138090.	4.2	0
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1266	Response of submerged macrophytes and biofilms to coexisting azithromycin and tetracycline: Antibiotic resistance genes removal, toxicity assessment and microbial properties. <i>Aquatic Toxicology</i> , 2023, 256, 106410.	1.9	3
1267	Sublethal effects of chlorantraniliprole on growth, biochemical and molecular parameters in two chironomids, <i>Chironomus kiiensis</i> and <i>Chironomus javanus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2023, 253, 114658.	2.9	2
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1270	Enantioselective Oxidative Stress and DNA Damage Induced by Rac- and S-metolachlor on the Earthworm <i>Eisenia fetida</i> . <i>Toxics</i> , 2023, 11, 246.	1.6	0
1271	Impact and prospects of pesticides on human and environmental health. , 2023, , 1-32.		0
1272	Purification and characterisation of glutathione reductase from scorpionfish <i>(scorpaena)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 2.5 <i>Medicinal Chemistry</i> , 2023, 38, .	2.5	2

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1273	Dietary <i>Periplaneta americana</i> extract improved the growth performance, immune, and antioxidative status, and crowding stress responses in Nile tilapia. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 1097-1109.	2.1	0
1274	Multi-marker Approach in the Black Sea Urchin <i>Arbacia lixula</i> (Linnaeus, 1758) from Algerian West Coast. <i>Thalassas</i> , 0, , .	0.1	0
1275	Characterization of N-(1,3-dimethylbutyl)-N-phenyl-p-phenylenediamine (6PPD)-induced cardiotoxicity in larval zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2023, 882, 163595.	3.9	8
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1279	Impacts of Metal Nanoparticles on Fish. , 2023, , 2645-2662.		0
1283	Biomarkers in Aquatic Macrophytes: Traditional and Novel Approaches for Monitoring Responses to Exposure to Pollutants. <i>Environmental Contamination Remediation and Management</i> , 2023, , 11-52.	0.5	0
1297	Development of 2D Nanomaterials-Based Sensors for Detection of Toxic Environmental Pollutants. <i>Springer Series in Materials Science</i> , 2023, , 269-297.	0.4	0
1298	Cypermethrin-Induced Reproductive Toxicity in Zebrafish: Biochemical and Molecular Perspective. , 2023, , 123-142.		1
1354	Paint particles on aquatic organisms: An emerging issue of contamination. , 2024, , 331-353.		0