

Contaminant-stimulated Reactive Oxygen Species Production in Aquatic Organisms

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Studies on biomarkers of copper exposure and toxicity in the marine amphipod <i>Gammarus locusta</i> (Crustacea): I. Copper-containing granules within the midgut gland. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 827-834.	0.4	15
2	Detection of DNA strand breakage in a marine amphipod by agarose gel electrophoresis: exposure to X-rays and copper. <i>Biomarkers</i> , 2002, 7, 451-463.	0.9	16
3	Studies on biomarkers of copper exposure and toxicity in the marine amphipod <i>Gammarus locusta</i> (Crustacea): I. Induction of metallothionein and lipid peroxidation. <i>Biomarkers</i> , 2002, 7, 422-437.	0.9	47
4	Antioxidant processes are affected in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) exposed to ozone and oxygen-supersaturated water. <i>Aquaculture</i> , 2002, 210, 1-19.	1.7	98
5	Effects of redox cycling compounds on glutathione content and activity of glutathione-related enzymes in rainbow trout liver. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 435-442.	1.3	89
6	Genotoxicity of the Kishon River, Israel: the application of an in vitro cellular assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 518, 21-37.	0.9	42
7	Effects of water-borne copper on metallothionein and lipid peroxidation in the marine amphipod <i>gammarus locusta</i> . <i>Marine Environmental Research</i> , 2002, 54, 357-360.	1.1	52
8	Toxic contaminants and their biological effects in coastal waters of Xiamen, China.. <i>Marine Pollution Bulletin</i> , 2002, 44, 761-769.	2.3	65
9	Marker enzyme assesment in the liver of <i>cyprinus carpio</i> (L.) exposed to 2,4-D and azinphosmethyl. <i>Journal of Biochemical and Molecular Toxicology</i> , 2002, 16, 182-188.	1.4	35
10	Effects of in vitro exposure to ozone and/or hyperoxia on superoxide dismutase, catalase, glutathione and lipid peroxidation in red blood cells and plasma of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Aquaculture Research</i> , 2002, 33, 165-175.	0.9	25
11	INTEGRATING ENZYMATIC RESPONSES TO ORGANIC CHEMICAL EXPOSURE WITH TOTAL OXYRADICAL ABSORBING CAPACITY AND DNA DAMAGE IN THE EUROPEAN EEL <i>ANGUILLA ANGUILLA</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2120.	2.2	156
12	PCB-Induced Oxidative Stress in the Unicellular Marine Dinoflagellate <i>Lingulodinium polyedrum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 45, 59-65.	2.1	47
13	Age-related changes in antioxidant enzyme activities, fatty acid composition and lipid peroxidation in whole body <i>Gammarus locusta</i> (Crustacea: Amphipoda). <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 289, 83-101.	0.7	112
14	Photoenhanced toxicity of aqueous phase and chemically dispersed weathered Alaska North Slope crude oil to Pacific herring eggs and larvae. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 650-660.	2.2	125
15	Copper accumulation, synthesis of ascorbate and activation of ascorbate peroxidase in <i>Enteromorpha compressa</i> (L.) Grev. (Chlorophyta) from heavy metal-enriched environments in northern Chile. <i>Plant, Cell and Environment</i> , 2003, 26, 1599-1608.	2.8	134
16	HEAVY METAL-INDUCED OXIDATIVE STRESS IN ALGAE1. <i>Journal of Phycology</i> , 2003, 39, 1008-1018.	1.0	887
17	Antioxidant defenses in killifish (<i>Fundulus heteroclitus</i>) exposed to contaminated sediments and model prooxidants: short-term and heritable responses. <i>Aquatic Toxicology</i> , 2003, 65, 377-395.	1.9	89
18	Utility of the TBARS assay in detecting oxidative stress in white sucker (<i>Catostomus commersoni</i>) populations exposed to pulp mill effluent. <i>Aquatic Toxicology</i> , 2003, 63, 447-463.	1.9	377

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19	Total Oxyradical Scavenging Capacity as an Index of Susceptibility to Oxidative Stress in Marine Organisms. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , 2003, 9, 303-322.	0.2	40
20	Oxidative Stress and Bioindicators of Reproductive Function in Pulp and Paper Mill Effluent Exposed White Sucker. <i>Toxicological Sciences</i> , 2003, 74, 51-65.	1.4	36
21	DNA damage in eelpout (<i>Zoarces viviparus</i>) from GÅrteborg harbour. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 552, 187-195.	0.4	109
22	Measurement of DNA adducts and strand breaks in dab (<i>Limanda limanda</i>) collected in the field: effects of biotic (age, sex) and abiotic (sampling site and period) factors on the extent of DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 552, 197-207.	0.4	45
23	An integrated biomarker-based strategy for ecotoxicological evaluation of risk in environmental management. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 552, 247-268.	0.4	271
24	Does the accumulation of trace metals in crustaceans affect their ecology? the amphipod example?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 300, 373-408.	0.7	157
25	Exposure of the clam <i>Tapes philippinarum</i> to 4-nonylphenol: changes in anti-oxidant enzyme activities and re-burrowing capability. <i>Marine Pollution Bulletin</i> , 2004, 48, 563-571.	2.3	36
26	Variations on stress defences and metallothionein levels in the Senegal sole, <i>Solea senegalensis</i> , during early larval stages. <i>Fish Physiology and Biochemistry</i> , 2004, 30, 57-66.	0.9	54
27	Towards computational models of cells for environmental toxicology. <i>Journal of Molecular Histology</i> , 2004, 35, 697-706.	1.0	10
28	Trace Metal Concentrations and Susceptibility to Oxidative Stress in the Polychaete <i>Sabella spallanzanii</i> (Gmelin) (Sabellidae): Potential Role of Antioxidants in Revealing Stressful Environmental Conditions in the Mediterranean. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 46, 353-61.	2.1	65
29	Differential susceptibility of fish and rat liver cells to oxidative stress and cytotoxicity upon exposure to prooxidants. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 137, 335-342.	1.3	34
30	Seasonal variations of a battery of biomarkers and physiological indices for the mussel <i>Mytilus galloprovincialis</i> transplanted into the northwest Mediterranean Sea. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 138, 411-427.	1.3	82
31	Oxidative stress and antioxidant defenses after prolonged starvation in <i>Dentex dentex</i> liver. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 139, 153-161.	1.3	152
32	Oxidative stress damage in the liver of fish and rats receiving an intraperitoneal injection of hexavalent chromium as evaluated by chemiluminescence. <i>Environmental Toxicology and Pharmacology</i> , 2004, 17, 149-157.	2.0	47
33	Fly ash leachate induces oxidative stress in freshwater fish <i>Channa punctata</i> (Bloch). <i>Environment International</i> , 2004, 30, 933-938.	4.8	53
34	Spatial and temporal variation of biomarkers in mussels (<i>Mytilus galloprovincialis</i>) from the Lagoon of Venice, Italy. <i>Marine Environmental Research</i> , 2004, 58, 287-291.	1.1	36
35	Oxidative stress responses in longnose sucker (<i>Catostomus catostomus</i>) exposed to pulp and paper mill and municipal sewage effluents. <i>Aquatic Toxicology</i> , 2004, 67, 255-271.	1.9	52
36	Time-course variations of oxyradical metabolism, DNA integrity and lysosomal stability in mussels, <i>Mytilus galloprovincialis</i> , during a field translocation experiment. <i>Aquatic Toxicology</i> , 2004, 68, 167-178.	1.9	222

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37	SHORT-TERM LAB EXPOSURES OF IMMATURE RAINBOW TROUT (<i>ONCORHYNCHUS MYKISS</i>) TO SULFITE AND KRAFT PULP-MILL EFFLUENTS: EFFECTS ON OXIDATIVE STRESS AND CIRCULATING SEX STEROIDS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1451.	2.2	17
38	ELECTRON PARAMAGNETIC RESONANCE INVESTIGATION OF IN VIVO FREE RADICAL FORMATION AND OXIDATIVE STRESS INDUCED BY 2,4-DICHLOROPHENOL IN THE FRESHWATER FISH <i>CARASSIUS AURATUS</i> . <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2145.	2.2	34
39	ANTIOXIDANT RESPONSES IN SCYTOSIPHON LOMENTARIA (PHAEOPHYCEAE) INHABITING COPPER-ENRICHED COASTAL ENVIRONMENTS ¹ . <i>Journal of Phycology</i> , 2005, 41, 1184-1195.	1.0	91
40	Activities of antioxidant enzymes and cytochrome c oxidase in liver of Arctic and temperate teleosts. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2005, 140, 487-494.	0.8	36
41	Susceptibility to oxidative stress of mussels (<i>Mytilus galloprovincialis</i>) in the Venice Lagoon (Italy). <i>Marine Pollution Bulletin</i> , 2005, 50, 1548-1557.	2.3	64
42	Oxidative stress in digestive gland and gill of the brown mussel (<i>Perna perna</i>) exposed to air and re-submersed. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 318, 21-30.	0.7	147
43	Response of oxidative stress parameters and sunscreens compounds in Arctic amphipods during experimental exposure to maximal natural UVB radiation. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 323, 100-117.	0.7	44
44	Antioxidant Enzymes and Tissue Regeneration in <i>Eurythoe complanata</i> (Polychaeta: Amphinomidae) Exposed to Used Vehicle Crankcase Oil. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 48, 509-514.	2.1	28
45	Seasonal Variability of Metallothioneins, Cytochrome P450, Bile Metabolites and Oxyradical Metabolism in the European Eel <i>Anguilla anguilla</i> L. (Anguillidae) and Striped Mullet <i>Mugil cephalus</i> L. (Mugilidae). <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 49, 62-70.	2.1	81
46	Effects of redox cycling compounds on DT diaphorase activity in the liver of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Hepatology</i> , 2005, 4, 4.	0.9	30
47	Polychlorinated biphenyls and antioxidant enzymes in liver of <i>Cyprinus carpio</i> from Lake Trasimeno. <i>Italian Journal of Zoology</i> , 2005, 72, 1-7.	0.6	5
48	Oxidative Stress in Migrating Spring Chinook Salmon Smolts of Hatchery Origin: Changes in Vitamin E and Lipid Peroxidation. <i>Transactions of the American Fisheries Society</i> , 2005, 134, 1499-1508.	0.6	16
49	Multi-level assessment of chronic toxicity of estuarine sediments with the amphipod <i>Gammarus locusta</i> : I. Biochemical endpoints. <i>Marine Environmental Research</i> , 2005, 60, 69-91.	1.1	64
50	Changes in antioxidant enzyme activities, fatty acid composition and lipid peroxidation in <i>Daphnia magna</i> during the aging process. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 140, 81-90.	0.7	125
51	mRNA expression of antioxidant enzymes (SOD, CAT and GSH-Px) and lipid peroxidative stress in liver of Atlantic salmon (<i>Salmo salar</i>) exposed to hyperoxic water during smoltification. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 314-323.	1.3	124
52	Hydroxyl radical production and oxidative damage induced by cadmium and naphthalene in liver of <i>Carassius auratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 140, 115-121.	1.3	87
53	Antioxidant enzyme activities and lipid peroxidation in the freshwater cladoceran <i>Daphnia magna</i> exposed to redox cycling compounds. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 140, 175-186.	1.3	208
54	Antioxidant responses of the Mediterranean mussel, <i>Mytilus galloprovincialis</i> , to environmental variability of dissolved oxygen. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 140, 321-329.	1.3	42

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55	<i>Anguilla anguilla</i> L. oxidative stress biomarkers responses to copper exposure with or without 1 ² -naphthoflavone pre-exposure. <i>Chemosphere</i> , 2005, 61, 267-275.	4.2	90
56	Impact assessment of various rearing systems on fish health using multibiomarker response and metal accumulation. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 89-97.	2.9	58
57	Oxidative stress-related and ATPase effects of etoxazole in different tissues of <i>Oreochromis niloticus</i> . <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 99-106.	2.0	66
58	Oxidative stress biomarkers in two resident species, mullet (<i>Mugil cephalus</i>) and flounder (<i>Platichthys flesus</i>), from a polluted site in River Douro Estuary, Portugal. <i>Aquatic Toxicology</i> , 2005, 71, 39-48.	1.9	161
59	Immunofluorescent detection of 8-oxo-dG and PAH bulky adducts in fish liver and mussel digestive gland. <i>Aquatic Toxicology</i> , 2005, 71, 335-343.	1.9	36
60	Oxidative damage in eelpout (<i>Zoarces viviparus</i>), measured as protein carbonyls and TBARS, as biomarkers. <i>Aquatic Toxicology</i> , 2005, 73, 171-180.	1.9	193
61	An in vitro study of the effect of reactive oxygen species on subcellular distribution of deposited cadmium in digestive gland of mussel <i>Crenomytilus grayanus</i> . <i>Aquatic Toxicology</i> , 2005, 73, 181-189.	1.9	28
62	Carbonylation and glutathionylation of proteins in the blue mussel <i>Mytilus edulis</i> detected by proteomic analysis and Western blotting: Actin as a target for oxidative stress. <i>Aquatic Toxicology</i> , 2005, 73, 315-326.	1.9	114
63	Trace metal concentration, antioxidant enzyme activities and susceptibility to oxidative stress in the tricoptera larvae <i>Hydropsyche exocellata</i> from the Llobregat river basin (NE Spain). <i>Aquatic Toxicology</i> , 2005, 74, 3-19.	1.9	149
64	Electron paramagnetic resonance evidence of hydroxyl radical generation and oxidative damage induced by tetrabromobisphenol A in <i>Carassius auratus</i> . <i>Aquatic Toxicology</i> , 2005, 74, 365-371.	1.9	68
65	Antioxidant systems and lipid peroxidation in from Mid-Atlantic Ridge hydrothermal vent fields. <i>Aquatic Toxicology</i> , 2005, 75, 354-373.	1.9	99
66	Use of the Land Snail <i>Helix aspersa</i> as Sentinel Organism for Monitoring Ecotoxicologic Effects of Urban Pollution: An Integrated Approach. <i>Environmental Health Perspectives</i> , 2006, 114, 63-69.	2.8	148
67	Earthworm cytochrome P450 determination and application as a biomarker for diagnosing PAH exposure. <i>Journal of Environmental Monitoring</i> , 2006, 8, 963.	2.1	19
68	Environmental prognostics: An integrated model supporting lysosomal stress responses as predictive biomarkers of animal health status. <i>Marine Environmental Research</i> , 2006, 61, 278-304.	1.1	262
69	Polycyclic Aromatic Hydrocarbon (PAH) Ecotoxicology in Marine Ecosystems. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 109-123.	1.1	282
70	Variations on development and stress defences in <i>Solea senegalensis</i> larvae fed on live and microencapsulated diets. <i>Aquaculture</i> , 2006, 251, 573-584.	1.7	59
71	Exposure of spermatozoa to duroquinone may impair reproduction of the common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	74
72	Effects of North Sea oil and alkylphenols on biomarker responses in juvenile Atlantic cod (<i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 101	1.9	101

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73	Effects of estuarine sediment contamination on feeding and on key physiological functions of the polychaete <i>Hediste diversicolor</i> : Laboratory and in situ assays. <i>Aquatic Toxicology</i> , 2006, 78, 186-201.	1.9	154
74	Temperature-dependent stress response in oysters, <i>Crassostrea virginica</i> : Pollution reduces temperature tolerance in oysters. <i>Aquatic Toxicology</i> , 2006, 79, 278-287.	1.9	183
75	Redox proteomics in the blue mussel <i>Mytilus edulis</i> : Carbonylation is not a pre-requisite for ubiquitination in acute free radical-mediated oxidative stress. <i>Aquatic Toxicology</i> , 2006, 79, 325-333.	1.9	65
76	Oxidative stress biomarkers in the freshwater characid fish, <i>Brycon cephalus</i> , exposed to organophosphorus insecticide Folisuper 600 (methyl parathion). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 141-149.	1.3	199
77	Perturbations in the catfish immune responses by arsenic: Organ and cell specific effects. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 455-463.	1.3	46
78	Enzymatic antioxidant response of a labrid fish (<i>Coris julis</i>) liver to environmental caulerpenyne. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 191-196.	1.3	45
79	Effects of widely used pharmaceuticals and a detergent on oxidative stress biomarkers of the crustacean <i>Artemia parthenogenetica</i> . <i>Chemosphere</i> , 2006, 62, 581-594.	4.2	102
80	Bioaccumulation, depuration and oxidative stress in fish <i>Carassius auratus</i> under phenanthrene exposure. <i>Chemosphere</i> , 2006, 63, 1319-1327.	4.2	123
81	Effects of hexachlorobenzene on antioxidant status of liver and brain of common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	4.2	110
82	Hepatic antioxidant enzymes and total glutathione of <i>Cyprinus carpio</i> exposed to three disinfectants, chlorine dioxide, sodium hypochlorite and peracetic acid, for superficial water potabilization. <i>Chemosphere</i> , 2006, 64, 1633-1641.	4.2	75
83	2-Chlorophenol induced ROS generation in fish <i>Carassius auratus</i> based on the EPR method. <i>Chemosphere</i> , 2006, 65, 1064-1073.	4.2	76
84	<i>Anguilla anguilla</i> L. oxidative stress biomarkers: An in situ study of freshwater wetland ecosystem (Pateira de Fermentelos, Portugal). <i>Chemosphere</i> , 2006, 65, 952-962.	4.2	83
85	Temporal variation in the antioxidant defence system and lipid peroxidation in the gills and mantle of hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 1101-1116.	0.6	28
86	Bioaccumulation and antioxidant responses in goldfish <i>Carassius auratus</i> under HC Orange No. 1 exposure. <i>Ecotoxicology and Environmental Safety</i> , 2006, 63, 430-437.	2.9	34
87	Molecular biomarkers of oxidative stress in aquatic organisms in relation to toxic environmental pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2006, 64, 178-189.	2.9	1,375
88	Do nanoparticles present ecotoxicological risks for the health of the aquatic environment?. <i>Environment International</i> , 2006, 32, 967-976.	4.8	1,103
89	Pathological reactions and recovery of hepatopancreatic digestive cells from the marine snail <i>Littorina littorea</i> following exposure to a polycyclic aromatic hydrocarbon. <i>Marine Environmental Research</i> , 2006, 61, 457-470.	1.1	28
90	Autophagy: Role in surviving environmental stress. <i>Marine Environmental Research</i> , 2006, 62, S420-S425.	1.1	88

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91	Oxidative stress and genotoxic effects in gill and kidney of <i>Anguilla anguilla</i> L. exposed to chromium with or without pre-exposure to β -naphthoflavone. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 608, 16-28.	0.9	151
92	Proteomics as a route to identification of toxicity targets in environmental toxicology. <i>Proteomics</i> , 2006, 6, 5597-5604.	1.3	129
93	Seasonal Variations of Selected Biomarkers in Sand Gobies <i>Pomatoschistus minutus</i> from the Guadalquivir Estuary, Southwest Spain. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 50, 249-255.	2.1	20
94	Evaluation of Remediation of Coal Mining Wastewater by Chitosan Microspheres Using Biomarkers. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 633-640.	2.1	16
95	Biomarkers in croakers <i>Micropogonias furnieri</i> (Teleostei: Sciaenidae) from polluted and non-polluted areas from the Patos Lagoon estuary (Southern Brazil): Evidences of genotoxic and immunological effects. <i>Marine Pollution Bulletin</i> , 2006, 52, 199-206.	2.3	89
96	Toxicological effects of oxyfluorfen on oxidative stress enzymes in tilapia <i>Oreochromis niloticus</i> . <i>Pesticide Biochemistry and Physiology</i> , 2006, 85, 91-96.	1.6	108
97	Effects of gender and temperature on oxidative stress enzymes in Nile tilapia <i>Oreochromis niloticus</i> exposed to paraquat. <i>Pesticide Biochemistry and Physiology</i> , 2006, 85, 97-103.	1.6	81
98	Lysosomal and Autophagic Reactions as Predictive Indicators of Environmental Impact in Aquatic Animals. <i>Autophagy</i> , 2006, 2, 217-220.	4.3	72
99	Toxicants Accumulation Rates and Effects in <i>Mytilus Trossulus</i> and <i>Nereis Diversicolor</i> Exposed Separately or Together to Cadmium and PAHs. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 2571-2586.	0.9	6
100	Identification of Proteomic Signatures of Exposure to Marine Pollutants in Mussels (<i>Mytilus edulis</i>). <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1274-1285.	2.5	153
101	PROTECTION OF GLYCOLYTIC ENZYMES BY METALLOTHIONEINS FROM OXIDATIVE DAMAGE IN THE DIGESTIVE GLAND OF GREEN LIPPED MUSSEL <i>PERNA VIRIDIS</i> . <i>Journal of Shellfish Research</i> , 2007, 26, 335-344.	0.3	12
102	The Potential of Proteomics for Providing New Insights into Environmental Impacts on Human Health. <i>Reviews on Environmental Health</i> , 2007, 22, 175-94.	1.1	18
103	Effect of sublethal concentrations of copper sulphate on seabream <i>Sparus aurata</i> fingerlings. <i>Aquatic Living Resources</i> , 2007, 20, 263-270.	0.5	20
104	Induction of oxidative stress and apoptosis by PFOS and PFOA in primary cultured hepatocytes of freshwater tilapia (<i>Oreochromis niloticus</i>). <i>Aquatic Toxicology</i> , 2007, 82, 135-143.	1.9	289
105	Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels. <i>Aquatic Toxicology</i> , 2007, 84, 80-91.	1.9	135
106	Assessment of the impact of heavy metal pollution from a ferro-nickel smelting plant using biomarkers. <i>Ecotoxicology and Environmental Safety</i> , 2007, 66, 232-243.	2.9	66
107	Effects of copper on early developmental stages of <i>Lessonia nigrescens</i> Bory (Phaeophyceae). <i>Environmental Pollution</i> , 2007, 145, 75-83.	3.7	30
108	Effects of chromium on photosynthetic and photoreceptive apparatus of the alga <i>Chlamydomonas reinhardtii</i> . <i>Environmental Research</i> , 2007, 105, 234-239.	3.7	81

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109	Effect of aerial exposure on the antioxidant status in the subantarctic stone crab <i>Paralomis granulosa</i> (Decapoda: Anomura). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 54-59.	1.3	32
110	Effects of 17 β -estradiol and 4-nonylphenol on osmoregulation and hepatic enzymes in gilthead sea bream (<i>Sparus auratus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 210-217.	1.3	29
111	Bioaccumulation and ROS generation in liver of <i>Carassius auratus</i> , exposed to phenanthrene. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 288-293.	1.3	46
112	Cytochrome P450-dependent monooxygenase system mediated hydrocarbon metabolism and antioxidant enzyme responses in prawn, <i>Macrobrachium malcolmsonii</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 610-616.	1.3	3
113	Assessment of environmental pollution at Balearic Islands applying oxidative stress biomarkers in the mussel <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 531-539.	1.3	76
114	Biochemical responses of the marine mussel <i>Mytilus galloprovincialis</i> to petrochemical environmental contamination along the North-western coast of Portugal. <i>Chemosphere</i> , 2007, 66, 1230-1242.	4.2	223
115	Effects of dissolved oxygen on survival and immune responses of scallop (<i>Chlamys farreri</i> Jones et Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422 100)	1.6	58
116	Effect of exposure to benzo[a]pyrene on SODs, CYP1A1/1A2- and CYP2E1 immunopositive proteins in the blood clam <i>Scapharca inaequalvis</i> . <i>Marine Environmental Research</i> , 2007, 63, 200-218.	1.1	25
117	The effect of long-term depuration on levels of oxidative stress biomarkers in mullets (<i>Mugil</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422 100)	1.1	40
118	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
119	Polychlorinated Biphenyl Exposure Causes Gonadal Atrophy and Oxidative Stress in <i>Corbicula fluminea</i> Clams. <i>Toxicologic Pathology</i> , 2007, 35, 356-365.	0.9	33
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125	Effects of carbaryl and azinphos methyl on juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) detoxifying enzymes. <i>Pesticide Biochemistry and Physiology</i> , 2007, 88, 134-142.	1.6	117
126	Antioxidant responses to variations in dissolved oxygen of <i>Scapharca inaequalvis</i> and <i>Tapes philippinarum</i> , two bivalve species from the lagoon of Venice. <i>Marine Pollution Bulletin</i> , 2007, 54, 1020-1030.	2.3	26

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245	Evaluation of the genotoxicity of cadmium in gill cells of the clam <i>Corbicula japonica</i> using the comet assay. <i>Russian Journal of Marine Biology</i> , 2010, 36, 311-315.	0.2	15
246	Ecotoxicological assessment of several estuarine zones in the south of Primorsky Krai. <i>Russian Journal of Marine Biology</i> , 2010, 36, 489-496.	0.2	3
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248	Acetylcholinesterase Activity, Lipid Peroxidation, and Bioaccumulation in Silver Catfish (<i>Rhamdia</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 1008-1014.	2.1	57
249	Survival, growth and immune activity of scallop <i>Chlamys farreri</i> cultured at different depths in Haizhou Bay (Yellow Sea, China) during hot season. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 498-507.	0.7	3
250	Tributyltin toxicity in abalone (<i>Haliotis diversicolor supertexta</i>) assessed by antioxidant enzyme activity, metabolic response, and histopathology. <i>Journal of Hazardous Materials</i> , 2010, 183, 428-433.	6.5	49
251	Identifying major pesticides affecting bivalve species exposed to agricultural pollution using multi-biomarker and multivariate methods. <i>Ecotoxicology</i> , 2010, 19, 1084-1094.	1.1	56
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253	17 β estradiol induced ROS generation, DNA damage and enzymatic responses in the hepatic tissue of Japanese sea bass. <i>Ecotoxicology</i> , 2010, 19, 1258-1267.	1.1	29
254	Linking behavioural alterations with biomarkers responses in the European seabass <i>Dicentrarchus labrax</i> L. exposed to the organophosphate pesticide fenitrothion. <i>Ecotoxicology</i> , 2010, 19, 1369-1381.	1.1	104

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256	Assessment of contaminant impacts in a semi-enclosed estuary (Amvrakikos Gulf, NW Greece): Bioenergetics and biochemical biomarkers in mussels. <i>Environmental Monitoring and Assessment</i> , 2010, 161, 259-269.	1.3	31
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258	Fish transplantation and stress-related biomarkers as useful tools for assessing water quality. <i>Journal of Environmental Sciences</i> , 2010, 22, 1826-1832.	3.2	22
259	Antioxidant responses of citrus red mite, <i>Panonychus citri</i> (McGregor) (Acari: Tetranychidae), exposed to thermal stress. <i>Journal of Insect Physiology</i> , 2010, 56, 1871-1876.	0.9	113
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261	Produced water extracts from North Sea oil production platforms result in cellular oxidative stress in a rainbow trout in vitro bioassay. <i>Marine Pollution Bulletin</i> , 2010, 60, 1092-1098.	2.3	30
262	Interactions between effects of environmental chemicals and natural stressors: A review. <i>Science of the Total Environment</i> , 2010, 408, 3746-3762.	3.9	621
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267	Multiple biomarkers of pollution effects in caged mussels on the Greek coastline. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 369-378.	1.3	50
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274	Variations in biochemical composition and lipoperoxidation levels of <i>Hyaella bonariensis</i> maintained in laboratory with different diets. <i>Animal Biology</i> , 2010, 60, 349-360.	0.6	1
275	The Role of Nrf2 and MAPK Pathways in PFOS-Induced Oxidative Stress in Zebrafish Embryos. <i>Toxicological Sciences</i> , 2010, 115, 391-400.	1.4	253
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284	Acute effects of benzo[a]pyrene on digestive gland enzymatic biomarkers and DNA damage on mussel <i>Mytilus galloprovincialis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 842-848.	2.9	84
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287	In vivo genotoxicity and stress defences in three flatfish species exposed to CuSO4. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1279-1285.	2.9	21
288	A comparison of metal levels and antioxidant enzymes in freshwater snails, <i>Lymnaea natalensis</i> , exposed to sediment and water collected from Wright Dam and Lower Mguza Dam, Bulawayo, Zimbabwe. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1728-1732.	2.9	37
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292	Activity of antioxidant enzymes and physiological responses in ark shell, <i>Scapharca broughtonii</i> , exposed to thermal and osmotic stress: Effects on hemolymph and biochemical parameters. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 34-42.	0.7	162
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294	Contaminant accumulation and multi-biomarker responses in field collected zebra mussels (<i>Dreissena</i>) Tj ETQq1 1 0.784314 rgBT /Over hazardous dumps in the Ebro river (NE Spain). <i>Chemosphere</i> , 2010, 78, 232-240.	4.2	96
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296	Biomarker candidate discovery in Atlantic cod (<i>Gadus morhua</i>) continuously exposed to North Sea produced water from egg to fry. <i>Aquatic Toxicology</i> , 2010, 96, 280-289.	1.9	25
297	Effects of exposure to Prestige-like heavy fuel oil and to perfluorooctane sulfonate on conventional biomarkers and target gene transcription in the thicklip grey mullet <i>Chelon labrosus</i> . <i>Aquatic Toxicology</i> , 2010, 98, 282-296.	1.9	73
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305	Testing procedures for the determination of several biomarkers in different species, for environmental assessment of pollution. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1625.	2.1	11
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314	Chemical Introductions to the Systems. , 2011, , 71-111.		0
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324	Environmentally induced oxidative stress in aquatic animals. <i>Aquatic Toxicology</i> , 2011, 101, 13-30.	1.9	1,898
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328	In vivo cytogenetic and oxidative stress-inducing effects of cypermethrin in freshwater fish, <i>Channa punctata</i> Bloch. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 150-156.	2.9	75
329	Biochemical response of amphipods (Gammarid: <i>Paramorea</i>) in a sediment laboratory exposure from Ushuaia Bay, Beagle Channel. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 394-402.	2.9	6
330	Effects of short time UV-A exposures on compound eyes and haematological parameters in <i>Procambarus clarkii</i> (Girard, 1852). <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 960-966.	2.9	9
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334	Assessing environmental conditions of the R�� Champot��n (M��xico) using diverse indices and biomarkers in the fish <i>Astyanax aeneus</i> (Cuvier, 1860). <i>Ecological Indicators</i> , 2011, 11, 1636-1646.	2.6	23
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338	Enantioselective Oxidative Damage of Chiral Pesticide Dichlorprop to Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4315-4320.	2.4	16
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347	Molecular effects and bioaccumulation of levonorgestrel in the non-target organism <i>Dreissena polymorpha</i> . <i>Environmental Pollution</i> , 2011, 159, 38-44.	3.7	39
348	Potential mechanisms of phthalate ester embryotoxicity in the abalone <i>Haliotis diversicolor supertexta</i> . <i>Environmental Pollution</i> , 2011, 159, 1114-1122.	3.7	62
349	Toxicity of dispersant application: Biomarkers responses in gills of juvenile golden grey mullet (<i>Liza</i>) Tj ETQq1 1 0.784314 rgBT/Overlo	3.7	24
350	Cypermethrin has the potential to induce hepatic oxidative stress, DNA damage and apoptosis in adult zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2011, 82, 398-404.	4.2	188
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353	Dimethoate-induced oxidative stress and DNA damage in <i>Oncorhynchus mykiss</i> . <i>Chemosphere</i> , 2011, 84, 39-46.	4.2	83
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357	A review of environmental effects and management of nanomaterials. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 1227-1250.	0.6	21
358	Time-dependent oxidative stress and histopathological changes in <i>Cyprinus carpio</i> L. exposed to microcystin-LR. <i>Ecotoxicology</i> , 2011, 20, 1000-1009.	1.1	60
359	Hypoxia-induced oxidative DNA damage links with higher level biological effects including specific growth rate in common carp, <i>Cyprinus carpio</i> L.. <i>Ecotoxicology</i> , 2011, 20, 1455-1466.	1.1	67
360	Freshwater shrimp (<i>Palaemonetes australis</i>) as a potential bioindicator of crustacean health. <i>Environmental Monitoring and Assessment</i> , 2011, 178, 537-544.	1.3	5
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371	Effects of UV radiation on marine ectotherms in polar regions. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 153, 363-371.	1.3	19
372	Antioxidant response and oxidative stress levels in <i>Macrobrachium borellii</i> (Crustacea: Palaemonidae) exposed to the water-soluble fraction of petroleum. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 153, 415-421.	1.3	22
373	Antioxidant responses of <i>Chilo suppressalis</i> (Lepidoptera: Pyralidae) larvae exposed to thermal stress. Journal of Thermal Biology, 2011, 36, 292-297.	1.1	51
374	Integrative Environmental Genomics of Cod (<i>Gadus morhua</i>): The Proteomics Approach. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 494-507.	1.1	17
375	Hepatic coenzyme Q redox balance of fishes as a potential bioindicator of environmental contamination by polycyclic aromatic hydrocarbons. Biology Letters, 2011, 7, 123-126.	1.0	5
376	Oxidative stress response in Nile tilapia (<i>Oreochromis niloticus</i>) exposed to textile mill effluent. Toxicology and Industrial Health, 2011, 27, 81-85.	0.6	13
377	Effect of cadmium on the antioxidant system of the ascidian, <i>Styela clava</i> . Marine Biology Research, 2011, 7, 388-397.	0.3	1
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380	Effects of Cadmium on the Expression of Antioxidant Enzymes, Oxidative Stress and Apoptosis in Primary Hepatocytes of <i>Carassius Auratus</i> . Advanced Materials Research, 2012, 518-523, 341-346.	0.3	0
381	Heavy metals and related biomarkers in <i>Perna viridis</i> (Bivalvia: Mytilidae) collected on the coast of Sucre State, Venezuela. Ciencias Marinas, 2012, 38, 517-528.	0.4	3
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383	Acute effects of fenthion on certain oxidative stress biomarkers in various tissues of frogs (<i>Rana</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 0,6	0,6	10
384	Gill Oxidative Stress and Histopathological Biomarkers of Pollution Impacts in Nile Tilapia from Lake Mariut and Lake Edku, Egypt. Journal of Aquatic Animal Health, 2012, 24, 148-160.	0.6	15
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386	Physical factors driving intertidal macroalgae distribution: physiological stress of a dominant fucoid at its southern limit. Oecologia, 2012, 170, 341-353.	0.9	79
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389	Impact of Oxidative Stress Indicated by Thiobarbituric Acid Reactive Substances (TBARS) and Protein Carbonyl Levels (PC) on Ethoxyresorufin-O-deethylase (EROD) Induction in Common Carp (<i>Cyprinus</i>) Tj ETQq1 1 0.784314 rgBT /Over	1.9	61
390	Dose- and time-related changes in aerobic metabolism, chorionic disruption, and oxidative stress in embryonic medaka (<i>Oryzias latipes</i>): Underlying mechanisms for silver nanoparticle developmental toxicity. <i>Aquatic Toxicology</i> , 2012, 124-125, 238-246.	1.9	69
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392	Impacts of solar UV radiation on grazing, lipids oxidation and survival of <i>Acartia pacifica</i> Steuer (Copepod). <i>Acta Oceanologica Sinica</i> , 2012, 31, 126-134.	0.9	57
393	Alterations in serum electrolytes, antioxidative enzymes and haematological parameters of <i>Labeo rohita</i> on short-term exposure to sublethal dose of nitrite. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1355-1365.	0.5	21
394	Toxicity of four pharmaceuticals from different classes to isolated plankton species. <i>African Journal of Aquatic Science</i> , 2012, 37, 71-80.	3.9	40
395	Metal accumulation and oxidative stress biomarkers in octopus (<i>Octopus vulgaris</i>) from Northwest Atlantic. <i>Science of the Total Environment</i> , 2012, 433, 230-237.	3.9	24
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398	Hepatic antioxidative responses to PCDEPs and estimated short-term biotoxicity in freshwater fish. <i>Aquatic Toxicology</i> , 2012, 120-121, 90-98.	0.9	45
399	In situ evaluation of the genotoxic potential of the river Nile: II. Detection of DNA strand-breakage and apoptosis in <i>Oreochromis niloticus niloticus</i> (Linnaeus, 1758) and <i>Clarias gariepinus</i> (Burchell, 1822). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 14-21.	2.0	87
400	Tissue-specific accumulation of cadmium and its effects on antioxidative responses in Japanese flounder juveniles. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 16-25.	2.0	46
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405	Looking for suitable biomarkers in benthic macroinvertebrates inhabiting coastal areas with low metal contamination: Comparison between the bivalve <i>Cerastoderma edule</i> and the Polychaete <i>Diopatra neapolitana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 75, 109-118.		

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408	Deltamethrin-induced oxidative stress and biochemical changes in tissues and blood of catfish (<i>Clarias gariepinus</i>): antioxidant defense and role of alpha-tocopherol. <i>BMC Veterinary Research</i> , 2012, 8, 45.	0.7	103
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419	Environmental Pollution and Oxidative Stress in Fish. , 0, , .		9
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425	Effects of organic pollutants on <i>Eobania vermiculata</i> measured with five biomarkers. <i>Ecotoxicology</i> , 2012, 21, 1484-1494.	1.1	15
426	In vivo protective effect of dietary curcumin in fish <i>Anabas testudineus</i> (Bloch). <i>Fish Physiology and Biochemistry</i> , 2012, 38, 309-318.	0.9	61
427	Assessment of tissue-specific effect of cadmium on antioxidant defense system and lipid peroxidation in freshwater murrel, <i>Channa punctatus</i> . <i>Fish Physiology and Biochemistry</i> , 2012, 38, 469-482.	0.9	63
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434	Exposure of perfluorononanoic acid suppresses the hepatic insulin signal pathway and increases serum glucose in rats. <i>Toxicology</i> , 2012, 294, 109-115.	2.0	31
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437	Acute toxicity and responses of antioxidant systems to 1-methyl-3-octylimidazolium bromide at different developmental stages of goldfish. <i>Ecotoxicology</i> , 2012, 21, 253-259.	1.1	62
438	Assessment of the effects of confinement in the spider crab <i>Maja brachydactyla</i> Blass, 1922 broodstock. <i>Aquaculture Research</i> , 2013, 44, 412-426.	0.9	4
439	Comparative characteristics of the antioxidant glutathione complex in the black sea molluscs <i>Mytilus galloprovincialis</i> Lam. and <i>Anadara inaequalis</i> Br.. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2013, 49, 59-65.	0.2	5
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441	Glutathione redox dynamics and expression of glutathione-related genes in the developing embryo. <i>Free Radical Biology and Medicine</i> , 2013, 65, 89-101.	1.3	105

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443	Biomarkers of Ecological Relevance in <i>Ecotoxicology</i> . , 2013, , 221-236.		4
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445	Expression of three novel cytochrome P450 (CYP) and antioxidative genes from the polychaete, <i>Perinereis nuntia</i> exposed to water accommodated fraction (WAF) of Iranian crude oil and Benzo[<i>a</i>]pyrene. <i>Marine Environmental Research</i> , 2013, 90, 75-84.	1.1	36
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450	Oxidative stress biomarkers in freshwater fish <i>Carassius auratus</i> exposed to decabromodiphenyl ether and ethane, or their mixture. <i>Ecotoxicology</i> , 2013, 22, 1101-1110.	1.1	37
451	Effects of low-level hexabromocyclododecane (HBCD) exposure on cardiac development in zebrafish embryos. <i>Ecotoxicology</i> , 2013, 22, 1200-1207.	1.1	30
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453	The toxicity of cadmium to three aquatic organisms (<i>Photobacterium phosphoreum</i> , <i>Daphnia magna</i>) Tj ETQq1 1 0.784314 rgBT /Overl 83-90.	2.9	51
454	Influence of some metal concentrations on the activity of antioxidant enzymes and concentrations of vitamin E and SH-groups in the digestive gland and gills of the freshwater bivalve <i>Unio tumidus</i> from the Serbian part of Sava River. <i>Ecological Indicators</i> , 2013, 32, 212-221.	2.6	31
455	Antioxidant Defenses and Trace Metal Bioaccumulation Capacity of <i>Cymbula nigra</i> (Gastropoda:) Tj ETQq1 1 0.784314 rgBT /Overl 13	1.1	13
456	Biochemical effects of acetaminophen in aquatic species: edible clams <i>Venerupis decussata</i> and <i>Venerupis philippinarum</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 6658-6666.	2.7	120
457	Chemical and biomarker responses for site-specific quality assessment of the Lake Maggiore (Northern) Tj ETQq1 1,0,784314 rgBT /Overl 2,7 18	2.7	18
458	Comparative study of biochemical and immunological biomarkers in three marine bivalves exposed at a polluted site. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1812-1822.	2.7	24
459	Early responses measured in the brachyuran crab <i>Carcinus maenas</i> exposed to carbamazepine and novobiocin: Application of a 2-tier approach. <i>Ecotoxicology and Environmental Safety</i> , 2013, 97, 47-58.	2.9	43

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461	Embryonic exposure to cis-bifenthrin enantioselectively induces the transcription of genes related to oxidative stress, apoptosis and immunotoxicity in zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2013, 34, 717-723.	1.6	75
462	Assessment of antioxidant responses and trace metal accumulation by digestive gland of ribbed mussel <i>Aulacomya atra atra</i> from Northern Patagonia. <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 39-50.	2.9	22
463	Molecular cloning and characterization of cat, gpx1 and Cu/Zn-sod genes in pengze crucian carp (<i>Carassius auratus</i> var. Pengze) and antioxidant enzyme modulation induced by hexavalent chromium in juveniles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 157, 310-321.	1.3	47
464	Evaluation of growth, biochemical and bioaccumulation parameters in <i>Pelophylax perezii</i> tadpoles, following an in-situ acute exposure to three different effluent ponds from a uranium mine. <i>Science of the Total Environment</i> , 2013, 445-446, 321-328.	3.9	25
465	Accumulation, histopathological effects and response of biochemical markers in the spleens and head kidneys of common carp exposed to atrazine and chlorpyrifos. <i>Food and Chemical Toxicology</i> , 2013, 62, 148-158.	1.8	63
466	Effects of water temperature on oxidative stress parameters in the pink shrimp <i>Farfantepenaeus brasiliensis</i> during transport. <i>Aquaculture</i> , 2013, 416-417, 310-314.	1.7	6
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468	In vitro effects of bisphenol A on the quality parameters, oxidative stress, DNA integrity and adenosine triphosphate content in sterlet (<i>Acipenser ruthenus</i>) spermatozoa. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 64-71.	1.3	67
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470	Expression Pattern of Entire Cytochrome P450 Genes and Response of Defensomes in the Benzo[<i>a</i>]pyrene-Exposed Monogonont Rotifer <i>Brachionus koreanus</i> . <i>Environmental Science & Technology</i> , 2013, 47, 13804-13812.	4.6	69
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472	Necessity and approach to integrated nanomaterial legislation and governance. <i>Science of the Total Environment</i> , 2013, 442, 56-62.	3.9	33
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474	Hydroxyl radical generation and oxidative stress in <i>Carassius auratus</i> exposed to glyphosate and its formulation. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1183-1191.	0.6	7
475	Short-term effects of neuroactive pharmaceutical drugs on a fish species: Biochemical and behavioural effects. <i>Aquatic Toxicology</i> , 2013, 144-145, 218-229.	1.9	104
476	Effect of copper sulfate on the survival and growth performance of Caspian Sea kutum, <i>Rutilus frisii kutum</i> . <i>SpringerPlus</i> , 2013, 2, 498.	1.2	15
477	Biochemical responses of juvenile European sturgeon, (<i>Huso huso</i>) to a sub-lethal level of copper and cadmium in freshwater and brackish water environments. <i>Journal of Environmental Health Science & Engineering</i> , 2013, 11, 26.	1.4	4

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479	Content of carotenoids and the state of tissue antioxidant enzymatic complex in bivalve mollusc <i>Anadara inaequalis</i> Br.. Journal of Evolutionary Biochemistry and Physiology, 2013, 49, 309-315.	0.2	15
480	Responses of Oxidative Stress Biomarkers and DNA Damage on a Freshwater Snail (<i>Bellamya</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 65, 251-259.	2.1	24
481	Selenium modulates \hat{I}^2 -cyfluthrin-induced liver oxidative toxicity in rats. Environmental Toxicology, 2013, 29, n/a-n/a.	2.1	17
482	Modulation of immune-associated parameters and antioxidant responses in the crab (<i>Scylla serrata</i>) exposed to mercury. Chemosphere, 2013, 90, 917-928.	4.2	62
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488	Biomarkers of effects of hypoxia and oil-shale contaminated sediments in laboratory-exposed gibel carp (<i>Carassius auratus gibelio</i>). Ecotoxicology and Environmental Safety, 2013, 98, 227-235.	2.9	6
489	Comparative antioxidant responses in liver of <i>Carassius auratus</i> exposed to phthalates: An integrated biomarker approach. Environmental Toxicology and Pharmacology, 2013, 36, 741-749.	2.0	47
490	Physiological changes in <i>Labeo rohita</i> during nitrite exposure: Detoxification through dietary vitamin E. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 158, 122-129.	1.3	9
491	Biochemical responses in armored catfish (<i>Pterygoplichthys anisitsi</i>) after short-term exposure to diesel oil, pure biodiesel and biodiesel blends. Chemosphere, 2013, 93, 311-319.	4.2	19
492	Seasonal variations of biomarker responses in the marine blue mussel (<i>Mytilus</i> spp.). Marine Pollution Bulletin, 2013, 74, 50-55.	2.3	45
493	Biomarker responses and accumulation of hazardous substances in mussels (<i>Mytilus trossulus</i>) transplanted along a pollution gradient close to an oil terminal in the Gulf of Finland (Baltic Sea). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 157, 80-92.	1.3	29
494	Ultrastructural responses and oxidative stress induced by cypermethrin in the liver of <i>Labeo rohita</i> . Chemistry and Ecology, 2013, 29, 296-308.	0.6	13
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497	Effects of the herbicide atrazine in neotropical catfish (<i>Rhamdia quelen</i>). <i>Ecotoxicology and Environmental Safety</i> , 2013, 93, 13-21.	2.9	94
498	Biomarkers in <i>Nereis diversicolor</i> (Polychaeta: Nereididae) as management tools for environmental assessment on the southwest Iberian coast. <i>Scientia Marina</i> , 2013, 77, 69-78.	0.3	29
499	Integrated use of antioxidant enzymes and oxidative damage in two fish species to assess pollution in man-made hydroelectric reservoirs. <i>Environmental Pollution</i> , 2013, 178, 41-51.	3.7	29
500	Comparison of selected biomarkers in flounder (<i>Platichthys flesus</i> L.) from the Douro (Portugal) and Vistula (Poland) River estuaries. <i>Marine Pollution Bulletin</i> , 2013, 73, 70-77.	2.3	4
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628	Effects of tetracycline on developmental toxicity and molecular responses in zebrafish (<i>Danio rerio</i>) embryos. <i>Ecotoxicology</i> , 2015, 24, 707-719.	1.1	137
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633	Bioaccumulation of 4-nonylphenol and effects on biomarkers, acetylcholinesterase, glutathione-S-transferase and glutathione peroxidase, in <i>Mytilus galloprovincialis</i> mussel gills. <i>Environmental Pollution</i> , 2015, 200, 133-139.	3.7	40
634	Integrated sediment quality assessment through biomarker responses and bioavailability measurements: Application in Tai Lake, China. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 148-154.	2.9	19
635	Comparison of Heavy Metals and Selenium Contents in The Digestive Gland and Gills of <i>Mytilus galloprovincialis</i> (Lamarck, 1819) Caught in Izmir Bay (Turkey). <i>Turkish Journal of Biochemistry</i> , 2015, , .	0.3	4
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643	Hepatic biotransformation and antioxidant enzyme activities in Mediterranean fish from different habitat depths. <i>Science of the Total Environment</i> , 2015, 532, 176-183.	3.9	37
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734	Assessment of pollution of the Boca de Camichin Estuary in Nayarit (Mexico) and its influence on oxidative stress in <i>Crassostrea corteziensis</i> oysters. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 200, 47-55.	0.8	13
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752	Glutathione and its related enzymes in the gonad of Nile Tilapia (<i>Oreochromis niloticus</i>). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 353-364.	0.9	8
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754	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
755	Nutritional and Antioxidative Attributes of Green Mussel (<i>Perna viridis</i> L.) from the Southwestern Coast of India. <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 968-985.	0.6	29
756	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
758	Esterase activity (EA), total oxidant status (TOS) and total antioxidant capacity (TAC) in gills of <i>Mytilus galloprovincialis</i> exposed to pollutants: Analytical validation and effects evaluation by single and mixed heavy metal exposure. <i>Marine Pollution Bulletin</i> , 2016, 102, 30-35.	2.3	30
759	Glutathione peroxidase 1 expression, malondialdehyde levels and histological alterations in the liver of <i>Acrossocheilus fasciatus</i> exposed to cadmium chloride. <i>Gene</i> , 2016, 578, 210-218.	1.0	26
760	Autophagy in response to environmental stresses: New monitoring perspectives. <i>Ecological Indicators</i> , 2016, 60, 453-459.	2.6	11
761	Oxidative stress, DNA damage and antioxidant enzyme activities in the pacific white shrimp (<i>Litopenaeus</i>)	4.2	133
762	Sublethal toxicity of quinalphos on oxidative stress and antioxidant responses in a freshwater fish <i>Cyprinus carpio</i> . <i>Environmental Toxicology</i> , 2016, 31, 1399-1406.	2.1	22
764	Effects of small peptides, probiotics, prebiotics, and synbiotics on growth performance, digestive enzymes, and oxidative stress in orange-spotted grouper, <i>Epinephelus coioides</i> , juveniles reared in artificial seawater. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 89-97.	0.7	13
765	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in <i>Scrobicularia plana</i> . <i>Journal of Hazardous Materials</i> , 2017, 323, 220-232.	6.5	33
766	Antioxidant activity and lipid peroxidation in <i>Artemia</i> nauplii enriched with DHA-rich oil emulsion and the effect of adding an external antioxidant based on hydroxytyrosol. <i>Aquaculture Research</i> , 2017, 48, 1006-1019.	0.9	7
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768	Early and efficient induction of antioxidant defense system in <i>Mytilus galloprovincialis</i> embryos exposed to metals and heat stress. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 105-112.	2.9	33

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770	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
771	Metabolic parameters and oxidative balance in juvenile <i>Rhamdia quelen</i> exposed to rice paddy herbicides: Roundup®, Primoleo®, and Facet®. <i>Chemosphere</i> , 2017, 174, 98-109.	4.2	35
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774	Effect of the exposure to suspended solids on the enzymatic activity in the bivalve <i>Sinonovacula constricta</i> . <i>Aquaculture and Fisheries</i> , 2017, 2, 10-17.	1.2	18
775	Effects of nicotine on zebrafish: A comparative response between a newly established gill cell line and whole gills. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 195, 68-77.	1.3	13
776	Neurotoxic responses in brain tissues of rainbow trout exposed to imidacloprid pesticide: Assessment of 8-hydroxy-2-deoxyguanosine activity, oxidative stress and acetylcholinesterase activity. <i>Chemosphere</i> , 2017, 175, 186-191.	4.2	121
777	Oxidative stress and genotoxicity biomarker responses in tilapia (<i>Oreochromis niloticus</i>) exposed to environmental concentration of 1-nitropyrene. <i>Marine Pollution Bulletin</i> , 2017, 124, 786-791.	2.3	16
778	Antioxidant responses in gills and digestive gland of oyster <i>Crassostrea madrasensis</i> (Preston) under lead exposure. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 87-94.	2.9	49
779	Investigation of 8-OHdG, CYP1A, HSP70 and transcriptional analyses of antioxidant defence system in liver tissues of rainbow trout exposed to eprinomectin. <i>Fish and Shellfish Immunology</i> , 2017, 65, 136-144.	1.6	68
780	The Whole-Genome and Transcriptome of the Manila Clam (<i>Ruditapes philippinarum</i>). <i>Genome Biology and Evolution</i> , 2017, 9, 1487-1498.	1.1	75
781	Effect of pure microcystin-LR on activity and transcript level of immune-related enzymes in the white shrimp (<i>Litopenaeus vannamei</i>). <i>Ecotoxicology</i> , 2017, 26, 702-710.	1.1	38
782	Oxidative stress responses of the mussel <i>Mytilus galloprovincialis</i> exposed to emissary's pollution in coastal areas of Casablanca. <i>Ocean and Coastal Management</i> , 2017, 136, 95-103.	2.0	24
783	Alterations in antioxidant enzyme activities and lipid peroxidation induced by diflubenzuron in the carmine spider mite, <i>Tetranychus cinnabarinus</i> (Boisduval) (Acari: Tetranychidae). <i>International Journal of Acarology</i> , 2017, 43, 366-373.	0.3	6
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785	Interspecies comparison of selected pollution biomarkers in dreissenid spp. inhabiting pristine and moderately polluted sites. <i>Science of the Total Environment</i> , 2017, 599-600, 760-770.	3.9	13
786	Maternal-embryonic metabolic and antioxidant response of <i>Chapalichthys pardalis</i> (Teleostei: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Research, 2017, 24, 17534-17546.	2.7	5

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788	Biomarker responses to environmental contamination in estuaries: A comparative multi-taxa approach. <i>Aquatic Toxicology</i> , 2017, 189, 31-41.	1.9	41
789	Malondialdehyde concentrations in the intestine and gills of Vardar chub (<i>Squalius vardarensis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66 16917-16926.	2.7	22
790	Oxidative stress in the algae <i>Chlamydomonas reinhardtii</i> exposed to biocides. <i>Aquatic Toxicology</i> , 2017, 189, 50-59.	1.9	75
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795	The ROS-mediated pathway coupled with the MAPK-p38 signalling pathway and antioxidant system plays roles in the responses of <i>Mytilus edulis</i> haemocytes induced by BDE-47. <i>Aquatic Toxicology</i> , 2017, 187, 55-63.	1.9	49
796	The single and joint toxicity effects of chlorpyrifos and beta-cypermethrin in zebrafish (<i>Danio rerio</i>) early life stages. <i>Journal of Hazardous Materials</i> , 2017, 334, 121-131.	6.5	82
797	Multi-Biomarker Responses After Exposure to Pollution in the Mediterranean Mussels (<i>Mytilus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34 <i>Toxicology</i> , 2017, 98, 46-52.	1.3	26
798	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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800	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
801	The oxidative stress response of oxytetracycline in the ciliate <i>Pseudocohnilembus persalinus</i> . <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 35-42.	2.0	16
802	Biomarker Sensitivity to Vehicle Exhaust in Experimentally Exposed European Starlings. <i>Environmental Science & Technology</i> , 2017, 51, 13427-13435.	4.6	2
803	Toxicological analysis of triadimefon on endocrine disruption and oxidative stress during rare minnow (<i>Gobiocypris rarus</i>) larvae development. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26681-26691.	2.7	18
804	Anti-oxidative effects of some dietary supplements on Yellow perch (<i>Perca flavescens</i>) exposed to different physical stressors. <i>Aquaculture Reports</i> , 2017, 8, 21-30.	0.7	24

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806	Four Transgenerational Demographic Performance of <i>Moina macrocopa</i> Exposed to Chronic Levels of Cadmium. <i>Dose-Response</i> , 2017, 15, 155932581772373.	0.7	7
807	Baseline and oxidative DNA damage in marine invertebrates. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 807-819.	1.1	18
808	Integrated biomarker response index used in laboratory exposure of the mussel <i>Mytilus edulis</i> to water accommodated fractions of crude oil. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
809	Biotransformation, antioxidant and histopathological biomarker responses to contaminants in European and American yellow eels from the Gironde and St. Lawrence estuaries. <i>Chemosphere</i> , 2017, 188, 292-303.	4.2	6
810	Parental gamma irradiation induces reprotoxic effects accompanied by genomic instability in zebrafish (<i>Danio rerio</i>) embryos. <i>Environmental Research</i> , 2017, 159, 564-578.	3.7	39
811	Multi-biomarker approach in the scallop <i>Chlamys farreri</i> to assess PAHs pollution in Qingdao coastal areas of China. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1387-1403.	1.7	10
812	Developmental toxicity and DNA damaging properties of silver nanoparticles in the catfish (<i>Clarias farreri</i>). <i>Environmental Research</i> , 2017, 159, 564-578.	3.7	39
813	European Starlings (<i>Sturnus vulgaris</i>) As Sentinels of Urban Air Pollution: A Comprehensive Approach from Noninvasive to Post Mortem Investigation. <i>Environmental Science & Technology</i> , 2017, 51, 8746-8756.	4.6	12
814	Antioxidant defenses in polar cod (<i>Boreogadus saida</i>) and responsiveness toward dietary crude oil exposure. <i>Marine Environmental Research</i> , 2017, 130, 48-59.	1.1	12
815	Evaluation of the impact of bioaccumulation of PAH from the marine environment on DNA integrity and oxidative stress in marine rock oyster (<i>Saccostrea cucullata</i>) along the Arabian sea coast. <i>Ecotoxicology</i> , 2017, 26, 1105-1116.	1.1	22
816	Dynamic responses of antioxidant enzymes in pearl oyster <i>Pinctada martensii</i> exposed to di(2-ethylhexyl) phthalate (DEHP). <i>Environmental Toxicology and Pharmacology</i> , 2017, 54, 184-190.	2.0	19
817	ET&C Best Paper of 2016. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1693-1694.	2.2	0
818	Acute hydrogen peroxide (H_2O_2) exposure does not cause oxidative stress in late-copepodite stage of <i>Calanus finmarchicus</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 820-829.	1.1	14
819	Response of photosynthesis and the antioxidant defense system of two microalgal species (<i>Alexandrium minutum</i> and <i>Dunaliella salina</i>) to the toxicity of BDE-47. <i>Marine Pollution Bulletin</i> , 2017, 124, 459-469.	2.3	40
820	Effects of Oxygen Availability on Oxidative Stress Biomarkers in the Mediterranean Mussel <i>Mytilus galloprovincialis</i> . <i>Marine Biotechnology</i> , 2017, 19, 614-626.	1.1	66
821	Polluted water exacerbates <i>Barbus callensis</i> oocyte oxidative status. <i>Archives of Polish Fisheries</i> , 2017, 25, 11-19.	0.6	4
822	Does a short-term exposure to atrazine provoke cellular senescence in <i>Chlamydomonas reinhardtii</i> ? <i>Aquatic Toxicology</i> , 2017, 189, 184-193.	1.9	20

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824	Non-invasive continuous monitoring of pro-oxidant effects of engineered nanoparticles on aquatic microorganisms. <i>Journal of Nanobiotechnology</i> , 2017, 15, 19.	4.2	13
825	Oxidative stress responses of <i>Daphnia magna</i> exposed to effluents spiked with emerging contaminants under ozonation and advanced oxidation processes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1735-1747.	2.7	14
826	Biochemical and Histopathological Changes Induced by Nickel in the Striped Mullet, <i>Mugil cephalus</i> (Linnaeus 1758). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 33-40.	1.3	12
827	Molecular cloning, characterization, genomic structure and functional analysis of catalase in <i>Chilo suppressalis</i> . <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 331-336.	0.4	12
828	Characterization of quality of sediments from Paranaguá Bay (Brazil) by combined in vitro bioassays and chemical analyses. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1811-1819.	2.2	13
829	Latin American protected areas: Protected from chemical pollution?. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 360-370.	1.6	17
830	Intoxication and biochemical responses of freshwater snail <i>Bellamya aeruginosa</i> to ethylbenzene. <i>Environmental Science and Pollution Research</i> , 2017, 24, 189-198.	2.7	6
831	THE BIOCHEMICAL ALTERATION AND DNA DAMAGE IN RATS (<i>RATTUS RATTUS</i>) AFTER CHRONIC INTRAPERITONEALLY INJECTION TO PURIFIED MICROCYSTIN-LR FROM <i>ANABAENA CIRCINALIS</i> . <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 277.	0.3	2
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834	Role of autophagy in environmental neurotoxicity. <i>Environmental Pollution</i> , 2018, 235, 791-805.	3.7	41
835	Testicular Oxidative Stress and Cellular Deformities in <i>Clarias gariepinus</i> (Burchell) from River Yamuna in Delhi Region, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 659-664.	1.3	3
836	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
837	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
838	Time does matter! Acute copper exposure abolishes rhythmicity of clock gene in <i>Danio rerio</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 155, 26-36.	2.9	17
839	Effects of temperature on activities of antioxidant enzymes and Na ⁺ /K ⁺ -ATPase, and hormone levels in <i>Schizothorax prenanti</i> . <i>Journal of Thermal Biology</i> , 2018, 72, 155-160.	1.1	19
840	Synergistic potential of fenvalerate and triadimefon on endocrine disruption and oxidative stress during rare minnow embryo development. <i>Environmental Toxicology</i> , 2018, 33, 759-769.	2.1	18

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842	BaP-metals co-exposure induced tissue-specific antioxidant defense in marine mussels <i>Mytilus coruscus</i> . <i>Chemosphere</i> , 2018, 205, 286-296.	4.2	25
843	Triangular gold nanoparticles modify shell characteristics and increase antioxidant enzyme activities in the clam <i>Ruditapes decussatus</i> . <i>Biomarkers</i> , 2018, 23, 580-588.	0.9	5
844	Metabolic and oxidative stress responses of the jellyfish <i>Cassiopea</i> to pollution in the Gulf of Aqaba, Jordan. <i>Marine Pollution Bulletin</i> , 2018, 130, 271-278.	2.3	10
845	Risk assessment of silica nanoparticles on liver injury in metabolic syndrome mice induced by fructose. <i>Science of the Total Environment</i> , 2018, 628-629, 366-374.	3.9	21
846	Growth performances, survival rate, and biochemical parameters of Nile tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10	0.8	33
847	Does the phycotoxin Okadaic acid cause oxidative stress damages and histological alterations to seabream (<i>Sparus aurata</i>)?. <i>Toxicon</i> , 2018, 144, 55-60.	0.8	17
849	Effects of Co-60 radiation on the activities of three main antioxidant enzymes in <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 345-351.	0.4	12
850	Chromium accumulation and biomarker responses in the Neotropical fish <i>Prochilodus lineatus</i> caged in a river under the influence of tannery activities. <i>Ecotoxicology and Environmental Safety</i> , 2018, 153, 188-194.	2.9	31
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852	Acute exposure to chlorpyrifos induces reversible changes in health parameters of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquatic Toxicology</i> , 2018, 197, 47-59.	1.9	77
853	Trophic transfer of Cu, Zn, Cd, and Cr, and biomarker response for food webs in Taihu Lake, China. <i>RSC Advances</i> , 2018, 8, 3410-3417.	1.7	13
854	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
855	Variability of biological indices, biomarkers, and organochlorine contaminants in flounder (<i>Platichthys flesus</i>) in the Gulf of Gdansk, southern Baltic Sea. <i>Chemosphere</i> , 2018, 194, 701-713.	4.2	10
856	Induction of oxidative stress by chlorothalonil in the estuarine polychaete <i>Laeonereis acuta</i> . <i>Aquatic Toxicology</i> , 2018, 196, 1-8.	1.9	47
857	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
858	Integration of Biomarker Approach in Pollution Monitoring Programme of Aquatic Ecosystem. <i>Energy, Environment, and Sustainability</i> , 2018, , 331-354.	0.6	6
859	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

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861	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
862	Assessing lead toxicity in the clam <i>Ruditapes philippinarum</i> : Bioaccumulation and biochemical responses. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 193-203.	2.9	39
863	Biological response of zebrafish after short-term exposure to azoxystrobin. <i>Chemosphere</i> , 2018, 202, 56-64.	4.2	44
864	Developmental Toxicity of Diethylnitrosamine in Zebrafish Embryos/Juveniles Related to Excessive Oxidative Stress. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 81.	1.1	21
865	Tissue-specific molecular and cellular toxicity of Pb in the oyster (<i>Crassostrea gigas</i>): mRNA expression and physiological studies. <i>Aquatic Toxicology</i> , 2018, 198, 257-268.	1.9	37
866	Monitoring metal levels in water and multiple biomarkers in the grouper (<i>Epinephelus tauvina</i>) to assess environmental stressors on the Arabian Gulf coast of Saudi Arabia. <i>Toxicology and Industrial Health</i> , 2018, 34, 301-314.	0.6	9
867	Assessment of neurohepatic DNA damage in male Sprague-Dawley rats exposed to organophosphates and pyrethroid insecticides. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15616-15629.	2.7	14
868	Two novel cyanobacterial bioluminescent whole-cell bioreporters based on superoxide dismutases MnSod and FeSod to detect superoxide anion. <i>Chemosphere</i> , 2018, 201, 772-779.	4.2	12
869	Effects of water turbidity and different temperatures on oxidative stress in caddisfly (<i>Stenopsyche</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	3.9	21
870	Using biomarkers to address the impacts of pollution on limpets (<i>Patella depressa</i>) and their mechanisms to cope with stress. <i>Ecological Indicators</i> , 2018, 95, 1077-1086.	2.6	19
871	Hematological, hepatic enzymes activity and oxidative stress responses of gray mullet (<i>Mugil</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2018, 25, 1800-1808.	2.7	29
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873	Evaluation of toxicity of Deepwater Horizon slick oil on spat of the oyster <i>Crassostrea virginica</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 1176-1190.	2.7	6
874	Individual and binary mixture effects of bisphenol A and lignin-derived bisphenol in <i>Daphnia magna</i> under chronic exposure. <i>Chemosphere</i> , 2018, 191, 779-786.	4.2	18
875	Effect of Dietary Supplementation of Novel Probiotic Bacteria <i>Bacillus vireti</i> O1 on Antioxidant Defence System of Freshwater Prawn Challenged with <i>Pseudomonas aeruginosa</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2018, 10, 356-366.	1.9	9
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878	Uptake and biological responses in land snail <i>Cornu aspersum</i> exposed to vaporized CdCl ₂ . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 377-383.	2.9	7
879	Copper uptake, patterns of bioaccumulation, and effects in glochidia (larvae) of the freshwater mussel (<i>Lampsilis cardium</i>). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1092-1103.	2.2	8
880	The impact of ultraviolet B (UV-B) radiation in combination with different temperatures in the early life stage of zebrafish (<i>Danio rerio</i>). <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 35-41.	1.6	36
881	Influence of a trout farm on antioxidant defense in larvae of <i>Ephemera danica</i> (Insecta: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 0.5	0.5	4
882	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
883	The effects of excessive starvation on antioxidant defence and lipid peroxidation in intensively reared, commercial-size pikeperch (<i>Sander lucioperca</i> L.). <i>Egyptian Journal of Aquatic Research</i> , 2018, 44, 349-352.	1.0	15
884	Sub-lethal UV radiation during early life stages alters the behaviour, heart rate and oxidative stress parameters in zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 359-365.	2.9	12
885	Oxidative stress and fish immune system: phagocytosis and leukocyte respiratory burst activity. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 3403-3414.	0.3	156
886	Application of a series of biomarkers in Scallop <i>Chlamys farreri</i> to assess the toxic effects after exposure to a priority hazardous and noxious substance (HNS) – Acrylonitrile. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 122-130.	2.0	7
887	Use of Oxidative Stress Indices of Freshwater Bivalve <i>Dreissena polymorpha</i> (Pallas) as Biomarkers of Anthropogenic Pollution of Rybinsk Reservoir. <i>Inland Water Biology</i> , 2018, 11, 374-376.	0.2	0
888	Prooxidant effects of chronic exposure to deltamethrin in green toad <i>Bufo viridis</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 30597-30608.	2.7	6
889	Evaluation of apoptosis, oxidative stress responses, AChE activity and body malformations in zebrafish (<i>Danio rerio</i>) embryos exposed to deltamethrin. <i>Chemosphere</i> , 2018, 207, 397-403.	4.2	100
890	Single contaminant and combined exposures of polyethylene microplastics and fluoranthene: accumulation and oxidative stress response in the blue mussel, <i>Mytilus edulis</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 761-773.	1.1	105
891	Does exposure to reduced pH and diclofenac induce oxidative stress in marine bivalves? A comparative study with the mussel <i>Mytilus galloprovincialis</i> and the clam <i>Ruditapes philippinarum</i> . <i>Environmental Pollution</i> , 2018, 240, 925-937.	3.7	58
892	Cytotoxicity and enzymatic biomarkers as early indicators of benthic responses to the soluble-fraction of diesel oil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 21-31.	2.9	13
893	Cellular responses to in vitro exposures to β -blocking pharmaceuticals in hard clams and Eastern oysters. <i>Chemosphere</i> , 2018, 211, 360-370.	4.2	11
894	Gold Octahedra nanoparticles (Au_0.03 and Au_0.045): Synthesis and impact on marine clams <i>Ruditapes decussatus</i> . <i>Aquatic Toxicology</i> , 2018, 202, 97-104.	1.9	10
895	Biomarker responses in fish exposed to polycyclic aromatic hydrocarbons (PAHs): Systematic review and meta-analysis. <i>Environmental Pollution</i> , 2018, 242, 449-461.	3.7	108

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896	Chronic brain toxicity response of juvenile Chinese rare minnows (<i>Gobiocypris rarus</i>) to the neonicotinoid insecticides imidacloprid and nitenpyram. <i>Chemosphere</i> , 2018, 210, 1006-1012.	4.2	51
897	Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in <i>Oreochromis mossambicus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 147-159.	2.9	171
898	Toxicity and metabolomics study of isocarbophos in adult zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 1-6.	2.9	30
899	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
900	Adverse effects of two pharmaceuticals acetaminophen and oxytetracycline on life cycle parameters, oxidative stress, and defense system in the marine rotifer <i>Brachionus rotundiformis</i> . <i>Aquatic Toxicology</i> , 2018, 204, 70-79.	1.9	27
901	Growth, energy metabolism and transcriptomic responses in Chinese mitten crab (<i>Eriocheir sinensis</i>) to benzo[\pm]pyrene (BaP) toxicity. <i>Aquatic Toxicology</i> , 2018, 203, 150-158.	1.9	28
902	Environmentally relevant concentrations of di(2-ethylhexyl)phthalate exposure alter larval growth and locomotion in medaka fish via multiple pathways. <i>Science of the Total Environment</i> , 2018, 640-641, 512-522.	3.9	47
903	Effect of permethrin (pyrethroid insecticide) on the biochemical response of the freshwater amphipod <i>Echinogammarus tacapensis</i> (Chevreux and Gauthier, 1924). <i>Marine and Freshwater Behaviour and Physiology</i> , 2018, 51, 57-66.	0.4	7
904	Trace Metals in the Freshwater Fish <i>Cyprinus carpio</i> : Effect to Serum Biochemistry and Oxidative Status Markers. <i>Biological Trace Element Research</i> , 2019, 188, 494-507.	1.9	30
905	Biomarker response of Mediterranean mussels <i>Mytilus galloprovincialis</i> regarding environmental conditions, pollution impact and seasonal effects. <i>Science of the Total Environment</i> , 2019, 694, 133470.	3.9	13
906	Crude extract of cyanobacterium <i>Radiocystis fernandoi</i> strain R28 induces anemia and oxidative stress in fish erythrocytes. <i>Toxicon</i> , 2019, 169, 18-24.	0.8	10
907	Transcriptomic analysis of Pacific white shrimp (<i>Litopenaeus vannamei</i> , Boone 1931) in response to acute hepatopancreatic necrosis disease caused by <i>Vibrio parahaemolyticus</i> . <i>PLoS ONE</i> , 2019, 14, e0220993.	1.1	43
908	Co-exposure with titanium dioxide nanoparticles exacerbates MCLR-induced brain injury in zebrafish. <i>Science of the Total Environment</i> , 2019, 693, 133540.	3.9	29
909	Glutathione reductase and catalase as potential biomarkers for synergistic intoxication of pesticides in fish. <i>Biomarkers</i> , 2019, 24, 666-676.	0.9	32
910	Effect of long-term cadmium and copper intoxication on the efficiency of ampullate silk glands in false black widow <i>Steatoda grossa</i> (Theridiidae) spiders. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 224, 108564.	1.3	5
911	Mitochondrial dysfunction, apoptosis and transcriptomic alterations induced by four strobilurins in zebrafish (<i>Danio rerio</i>) early life stages. <i>Environmental Pollution</i> , 2019, 253, 722-730.	3.7	69
912	Oxidative stress induction by the invasive sponge <i>Paraleucilla magna</i> growing on <i>Peyssonnelia squamaria</i> algae. <i>Marine Environmental Research</i> , 2019, 150, 104763.	1.1	10
913	Bioaccumulation and biochemical effects of ethylhexyl methoxy cinnamate and its main transformation products in zebrafish. <i>Aquatic Toxicology</i> , 2019, 214, 105241.	1.9	19

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914	Physiological response of fish under variable acidic conditions: a molecular approach through the assessment of an eco-physiological marker in the brain. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23442-23452.	2.7	19
915	Tissue Metabolism and the State of the Antioxidant Complex in the Black Sea Mollusks <i>Anadara kagoshimensis</i> (Tokunaga, 1906) and <i>Mytilus galloprovincialis</i> Lamarck, 1819 with Different Tolerances to Oxidative Stress. <i>Russian Journal of Marine Biology</i> , 2019, 45, 211-220.	0.2	6
916	Waterborne zinc pyrithione modulates immunity, biochemical, and antioxidant parameters in the blood of olive flounder. <i>Fish and Shellfish Immunology</i> , 2019, 92, 469-479.	1.6	7
917	Cytotoxic effects of persistent organic pollutants on the freshwater snail (<i>Lanistes carinatus</i>) in Kafr El-Zayat, Egypt. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 699.	1.3	1
918	Effects of sublethal Cd, Zn, and mixture exposures on antioxidant defense and oxidative stress parameters in early life stages of the purple sea urchin <i>Strongylocentrotus purpuratus</i> . <i>Aquatic Toxicology</i> , 2019, 217, 105338.	1.9	11
919	Interactions of oxidative DNA damage and CYP1A gene expression with the liver enzymes in Klunzinger's mullet exposed to benzo[a]pyrene. <i>Toxicology Reports</i> , 2019, 6, 1097-1103.	1.6	19
920	Nanoparticles in the aquatic environment: Usage, properties, transformation and toxicity—A review. <i>Chemical Engineering Research and Design</i> , 2019, 130, 238-249.	2.7	186
921	Effects of the Driver's Disturbance Risk Preference Heterogeneity and its System Thresholds on Traffic Flow Instability. <i>IEEE Access</i> , 2019, 7, 96223-96231.	2.6	0
922	Biochemical response of the clam <i>Ruditapes philippinarum</i> to silver (AgD and AgNPs) exposure and application of an integrated biomarker response approach. <i>Marine Environmental Research</i> , 2019, 152, 104783.	1.1	10
923	The effects on brown trout (<i>Salmo trutta fario</i>) of different concentrations of deltamethrin. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 226, 108606.	1.3	18
924	Assay optimisation and age-related baseline variation in biochemical markers in Lesser Black-backed gulls. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 246-254.	2.9	2
925	Preliminary results on the uptake and biochemical response to water-exposure of Tamiflu® (oseltamivir phosphate) in two marine bivalves. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 75-85.	1.1	8
926	Expression of immune, antioxidant and stress related genes in different organs of common carp exposed to indoxacarb. <i>Aquatic Toxicology</i> , 2019, 208, 208-216.	1.9	51
927	Baseline levels of antioxidant activities in <i>Mytilus galloprovincialis</i> along the coast of Cape Town, South Africa. <i>Marine Pollution Bulletin</i> , 2019, 140, 287-293.	2.3	6
928	A transcriptomics-based analysis of the toxicity mechanisms of gabapentin to zebrafish embryos at realistic environmental concentrations. <i>Environmental Pollution</i> , 2019, 251, 746-755.	3.7	21
929	Do different diets affect oxidative stress biomarkers and metal bioaccumulation in two snake species?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 223, 26-34.	1.3	2
930	Coupled Application of Antioxidant Defense Response and Embryo Development in Amphipod Crustaceans in the Assessment of Sediment Toxicity. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2020-2031.	2.2	6
931	Interactive effects of neonicotinoids and natural ultraviolet radiation on yellow perch (<i>Perca</i>) Tj ETQq1 1 0.784314 339 /Overlock 10 TF	0.784314	339

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932	Compared responses to copper and increased temperatures of hybrid and pure offspring of two mussel species. <i>Science of the Total Environment</i> , 2019, 685, 795-805.	3.9	16
933	Physicochemical changes in liver and Hsc70 expression in pikeperch <i>Sander lucioperca</i> under heat stress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 130-137.	2.9	24
934	Tolerance and response of two honeybee species <i>Apis cerana</i> and <i>Apis mellifera</i> to high temperature and relative humidity. <i>PLoS ONE</i> , 2019, 14, e0217921.	1.1	31
935	Exposure to Nitro-PAHs interfere with germination and early growth of <i>Hordeum vulgare</i> via oxidative stress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 756-761.	2.9	19
936	Transcriptomic analysis reveals insights into deep-sea adaptations of the dominant species, <i>Shinkaia crosnieri</i> (Crustacea: Decapoda: Anomura), inhabiting both hydrothermal vents and cold seeps. <i>BMC Genomics</i> , 2019, 20, 388.	1.2	23
937	Increase in stable isotope ratios driven by metabolic alterations in amphipods exposed to the beta-blocker propranolol. <i>PLoS ONE</i> , 2019, 14, e0211304.	1.1	8
938	Collection and transport of sentinel mussels in biomarker-based coastal pollution monitoring: Current flaws and reliable practices. <i>Ecological Indicators</i> , 2019, 103, 722-734.	2.6	13
939	PFOA and PFOS interact with superoxide dismutase and induce cytotoxicity in mouse primary hepatocytes: A combined cellular and molecular methods. <i>Environmental Research</i> , 2019, 175, 63-70.	3.7	66
940	Intracellular Fenton reaction based on mitochondria-targeted copper(II)-peptide complex for induced apoptosis. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4008-4016.	2.9	51
941	Cu/ZnSOD always responded stronger and rapider than MnSOD in <i>Lymantria dispar</i> larvae under the avermectin stress. <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 72-79.	1.6	8
942	Effects of sublethal concentrations of the antifouling biocide Sea-Nine on biochemical parameters of the marine polychaete <i>Perinereis aibuhitensis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 222, 125-134.	1.3	10
943	Cytotoxic and genotoxic effects of epoxiconazole on F98 glioma cells. <i>Chemosphere</i> , 2019, 229, 314-323.	4.2	12
944	Inhibitory effect of cadmium exposure on digestive activity, antioxidant capacity and immune defense in the intestine of yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 222, 65-73.	1.3	33
945	Growth, physiological function, and antioxidant defense system responses of <i>Lemna minor</i> L. to decabromodiphenyl ether (BDE-209) induced phytotoxicity. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 113-120.	2.8	31
946	Oxidative stress potential of the herbicides bifenox and metribuzin in the microalgae <i>Chlamydomonas reinhardtii</i> . <i>Aquatic Toxicology</i> , 2019, 210, 117-128.	1.9	32
947	Effect of starvation and refeeding on oxidative stress and antioxidant defenses in Yangtze sturgeon (<i>Acipenser dabryanus</i>). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 987-995.	0.9	26
948	Toxicity Assessment of Impacted Sediments from Southeast Coast of Tunisia Using a Biomarker Approach with the Polychaete <i>Hediste diversicolor</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 76, 678-691.	2.1	23
949	Adverse effects, expression of defense-related genes, and oxidative stress-induced MAPK pathway in the benzo[<i>a</i>]pyrene-exposed rotifer <i>Brachionus rotundiformis</i> . <i>Aquatic Toxicology</i> , 2019, 210, 188-195.	1.9	13

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950	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . <i>Environmental Research</i> , 2019, 175, 200-212.	3.7	28
951	Endosulfan Induces Embryotoxicity in the Marine Medaka <i>Oryzias javanicus</i> . <i>Toxicology and Environmental Health Sciences</i> , 2019, 11, 19-26.	1.1	6
952	Comparative transcriptional analysis of methylparaben and propylparaben in zebrafish. <i>Science of the Total Environment</i> , 2019, 671, 129-139.	3.9	55
953	Microcystin "LR exposure causes cardiorespiratory impairments and tissue oxidative damage in trahira, <i>Hoplias malabaricus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 436-443.	2.9	28
954	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
955	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
956	Can atrazine loaded nanocapsules reduce the toxic effects of this herbicide on the fish <i>Prochilodus lineatus</i> ? A multibiomarker approach. <i>Science of the Total Environment</i> , 2019, 663, 548-559.	3.9	56
957	Effects of titanium dioxide nanoparticles on red swamp crayfish, <i>Procambarus clarkii</i> : Bioaccumulation, oxidative stress and histopathological biomarkers. <i>Egyptian Journal of Aquatic Research</i> , 2019, 45, 11-18.	1.0	22
958	Toxicity of diuron in HepG2 cells and zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 432-438.	2.9	16
959	Toxic effects of oxine-copper on development and behavior in the embryo-larval stages of zebrafish. <i>Aquatic Toxicology</i> , 2019, 210, 242-250.	1.9	63
960	Gene expression patterns and related enzymatic activities of detoxification and oxidative stress systems in zebrafish larvae exposed to the 2,4-dichlorophenoxyacetic acid herbicide. <i>Chemosphere</i> , 2019, 224, 289-297.	4.2	57
961	Oxidative stress responses to feeding activity and salinity level in brackish water clam <i>Corbicula japonica</i> . <i>Science of the Total Environment</i> , 2019, 665, 191-195.	3.9	14
962	Effects of acetaminophen in oxidative stress and neurotoxicity biomarkers of the gastropod <i>Phorcus lineatus</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 9823-9831.	2.7	21
963	The Use of Oxidative Stress Parameters of Bivalve Mollusks <i>Dreissena polymorpha</i> (Pallas, 1771) as Biomarkers for Ecotoxicological Assessment of Environment. <i>Inland Water Biology</i> , 2019, 12, 88-95.	0.2	10
964	Dietary non-protein energy source regulates antioxidant status and immune response of barramundi (<i>Lates calcarifer</i>). <i>Fish and Shellfish Immunology</i> , 2019, 95, 697-704.	1.6	8
965	Effects of dietary galactooligosaccharide enriched commercial prebiotic on growth performance, innate immune response, stress resistance, intestinal microbiota and digestive enzyme activity in Narrow clawed crayfish (<i>Astacus leptodactylus</i> Eschscholtz, 1823). <i>Aquaculture</i> , 2019, 499, 80-89.	1.7	53
966	Developmental toxicity of kresoxim-methyl during zebrafish (<i>Danio rerio</i>) larval development. <i>Chemosphere</i> , 2019, 219, 517-525.	4.2	24
967	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

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968	Biomarker Responses to Polycyclic Aromatic Hydrocarbons in the Native Fish <i>Ramnogaster arcuata</i> , South America. <i>International Journal of Environmental Research</i> , 2019, 13, 77-89.	1.1	16
969	Neurophysiological responses in the brain tissues of rainbow trout (<i>Oncorhynchus mykiss</i>) treated with bio-pesticide. <i>Drug and Chemical Toxicology</i> , 2019, 42, 203-209.	1.2	16
970	Xenobiotic biotransformation, oxidative stress and obesogenic molecular biomarker responses in <i>Tilapia guineensis</i> from Eleyele Lake, Nigeria. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 255-265.	2.9	23
971	Excessive use of enrofloxacin leads to growth inhibition of juvenile giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 344-352.	2.9	36
972	Bioaccumulation and metal-associated biomarker responses in a freshwater mussel, <i>Dreissena polymorpha</i> , following short-term platinum exposure. <i>Environmental Pollution</i> , 2019, 246, 69-78.	3.7	12
973	Effects of mercury graded doses on redox status, metallothionein levels and genotoxicity in the intestine of sea cucumber <i>Holothuria forskali</i> . <i>Chemistry and Ecology</i> , 2019, 35, 204-218.	0.6	11
974	Limited oxidative stress in common carp (<i>Cyprinus carpio</i> , L., 1758) exposed to a sublethal tertiary (Cu, Tj ETQq0 0 0 rgBT /Overlock 10 Pharmacology, 2019, 218, 70-80.	1.3	8
975	Impact of Ocean Acidification on the Energy Metabolism and Antioxidant Responses of the Yesso Scallop (<i>Patinopecten yessoensis</i>). <i>Frontiers in Physiology</i> , 2018, 9, 1967.	1.3	35
976	Exposure to aluminum, aluminum+ manganese and acid pH triggers different antioxidant responses in gills and liver of <i>Astyanax altiparanae</i> (Teleostei: Characiformes: Characidae) males. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 215, 33-40.	1.3	16
977	Environmental stress tolerance and immune response for the small abalone hybrids. <i>Aquaculture International</i> , 2019, 27, 105-123.	1.1	8
978	Multi-level responses of <i>Macoma balthica</i> to recurring hypoxic disturbance. <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 510, 64-72.	0.7	6
979	Effects of a glyphosate-based herbicide on survival and oxidative status of a non-target herbivore, the Colorado potato beetle (<i>Leptinotarsa decemlineata</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 215, 47-55.	1.3	11
980	Excess copper promotes photoinhibition and modulates the expression of antioxidant-related genes in <i>Zostera muelleri</i> . <i>Aquatic Toxicology</i> , 2019, 207, 91-100.	1.9	25
981	Antioxidant enzyme activity in responses to environmentally induced oxidative stress in the 5th instar nymphs of <i>Aiolopus thalassinus</i> (Orthoptera: Acrididae). <i>Environmental Science and Pollution Research</i> , 2019, 26, 3823-3833.	2.7	14
982	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
983	RNase1 alleviates the <i>Aeromonas hydrophila</i> -induced oxidative stress in blunt snout bream. <i>Developmental and Comparative Immunology</i> , 2019, 91, 8-16.	1.0	16
984	Tetrabromobisphenol A induced oxidative stress and genotoxicity in fish <i>Channa punctatus</i> . <i>Drug and Chemical Toxicology</i> , 2019, 42, 559-564.	1.2	24
985	Dietary Supplementation of Probiotic <i>Bacillus subtilis</i> Affects Antioxidant Defenses and Immune Response in Grass Carp Under <i>Aeromonas hydrophila</i> Challenge. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 545-558.	1.9	65

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986	Occurrence, sources and effects of polycyclic aromatic hydrocarbons in the Tunis lagoon, Tunisia: an integrated approach using multi-level biological responses in <i>Ruditapes decussatus</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 3661-3674.	2.7	12
987	Nitrite implications and its management strategies in aquaculture: a review. <i>Reviews in Aquaculture</i> , 2020, 12, 878-908.	4.6	62
988	Tebuconazole induced oxidative stress related hepatotoxicity in adult and larval zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1010-1018.	4.2	58
989	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
990	Metal and organic pollutants bioremediation by extremophile microorganisms. <i>Journal of Hazardous Materials</i> , 2020, 382, 121024.	6.5	122
991	The Activation of Heat-Shock Protein After Copper(II) and/or Arsenic(III)-Induced Imbalance of Homeostasis, Inflammatory Response in Chicken Rectum. <i>Biological Trace Element Research</i> , 2020, 195, 613-623.	1.9	6
992	Toxicity of glyphosate in feed for weanling piglets and the mechanism of glyphosate detoxification by the liver nuclear receptor CAR/PXR pathway. <i>Journal of Hazardous Materials</i> , 2020, 387, 121707.	6.5	32
993	Two antidepressants fluoxetine and sertraline cause growth retardation and oxidative stress in the marine rotifer <i>Brachionus koreanus</i> . <i>Aquatic Toxicology</i> , 2020, 218, 105337.	1.9	28
994	Low concentration of 2,4,6-tribromophenol (TBP) represents a risk to South American silver catfish <i>Ramdia quelen</i> (Quoy and Gaimard, 1824) population. <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109815.	2.9	12
995	The food preservative ethoxyquin impairs zebrafish development, behavior and alters gene expression profile. <i>Food and Chemical Toxicology</i> , 2020, 135, 110926.	1.8	14
996	Molecular cloning, characterization, and antioxidant function of catalase in <i>Lymantria dispar asiatica</i> (Lepidoptera: Lymantriidae) under avermectin stress. <i>Journal of Forestry Research</i> , 2020, 31, 2563-2570.	1.7	0
997	Biochemical responses and proximate analysis of <i>Piaractus brachipomus</i> (Pisces: Characidae) exposed to phenanthrene. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 228, 108649.	1.3	4
998	Toxic effects of fluridone on early developmental stages of Japanese Medaka (<i>Oryzias latipes</i>). <i>Science of the Total Environment</i> , 2020, 700, 134495.	3.9	6
999	Multilevel ecotoxicity assessment of environmentally relevant bisphenol F concentrations in <i>Daphnia magna</i> . <i>Chemosphere</i> , 2020, 240, 124917.	4.2	13
1000	Effects of chlorothalonil on the antioxidant defense system of mussels <i>Perna perna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110119.	2.9	15
1001	Long-term effects of hydromorphological stream restoration on changes in microhabitats of <i>Ephemera danica</i> (Ephemeroptera) and its population. <i>Ecological Indicators</i> , 2020, 109, 105810.	2.6	6
1002	Use of <i>Tridacna maxima</i> , a bivalve in the biomonitoring of the Saudi Arabian Red Sea coast. <i>Marine Pollution Bulletin</i> , 2020, 150, 110766.	2.3	2
1003	Evaluation of softwood and hardwood sawmill wastes impact on the common carp " <i>Cyprinus carpio</i> " and its aquatic environment: An oxidative stress study. <i>Environmental Toxicology and Pharmacology</i> , 2020, 75, 103327.	2.0	27

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1004	Sex-differences in physiological and oxidative stress responses and heavy metals burden in the black jaw tilapia, <i>Sarotherodon melanotheron</i> from a tropical freshwater dam (Nigeria). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 229, 108676.	1.3	15
1005	Metal adaptation strategies of deep-sea <i>Bathymodiolus</i> mussels from a cold seep and three hydrothermal vents in the West Pacific. <i>Science of the Total Environment</i> , 2020, 707, 136046.	3.9	27
1006	Short-term spatiotemporal biomarker changes in oysters transplanted to an anthropized estuary in Southern Brazil. <i>Science of the Total Environment</i> , 2020, 709, 136042.	3.9	15
1007	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 algacide formulated with hydrogen peroxide. <i>Aquatic Toxicology</i> , 2020, 218, 105348.	1.9	24
1008	Acute toxicity of lead in fresh water bivalves <i>Lamellidens jenkinsianus obesa</i> and <i>Parreysia (Parreysia) corrugata</i> with evaluation of sublethal effects on acetylcholinesterase and catalase activity, lipid peroxidation, and behavior. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109939.	2.9	21
1009	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
1010	Effects of spinetoram on the developmental toxicity and immunotoxicity of zebrafish. <i>Fish and Shellfish Immunology</i> , 2020, 96, 114-121.	1.6	47
1011	Influence of salinity on population growth, oxidative stress and antioxidant defense system in the marine monogonont rotifer <i>Brachionus plicatilis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 250, 110487.	0.7	11
1012	Metal pollutants induced peroxidase activity in different body tissues of freshwater fish, <i>Labeo rohita</i> . <i>Environmental Chemistry and Ecotoxicology</i> , 2020, 2, 162-167.	4.6	5
1013	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
1014	Micro- and nano-plastics activation of oxidative and inflammatory adverse outcome pathways. <i>Redox Biology</i> , 2020, 37, 101620.	3.9	244
1015	Effectiveness of melatonin to restore fish brain activity in face of permethrin induced toxicity. <i>Environmental Pollution</i> , 2020, 266, 115230.	3.7	15
1016	Comparative analyses of oxidative stress response and metallothionein induction in white sturgeon and rainbow trout during acute waterborne copper exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 231, 108723.	1.3	3
1017	Properties of Carotenoids in Fish Fitness: A Review. <i>Marine Drugs</i> , 2020, 18, 568.	2.2	50
1018	Influence of pesticides and abiotic conditions on biochemical biomarkers in <i>Aegla aff. longirostri</i> (crustacea, anomura): Implications for conservation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110982.	2.9	10
1019	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
1020	Long-term exposure to microplastics induces oxidative stress and a pro-inflammatory response in the gut of <i>Sparus aurata</i> Linnaeus, 1758. <i>Environmental Pollution</i> , 2020, 266, 115295.	3.7	111
1021	Impacts of dietary eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) level and ratio on the growth, fatty acids composition and hepatic-antioxidant status of largemouth bass (<i>Micropterus</i>)	1.0	14

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1022	Temperature elevation stage-specifically increases metal toxicity through bioconcentration and impairment of antioxidant defense systems in juvenile and adult marine mysids. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 237, 108831.	1.3	7
1023	Ecotoxicological effects assessment of brine discharge from desalination reverse osmosis plant in Algeria (South Western Mediterranean). <i>Regional Studies in Marine Science</i> , 2020, 39, 101407.	0.4	7
1024	The Response of the Planorbid Snail <i>Isidorella newcombi</i> to Chronic Copper Exposure Over a 28-Day Period: Linking Mortality, Cellular Biomarkers, and Reproductive Responses. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 391-405.	2.1	1
1025	Detection of chemical warfare agent related phenylarsenic compounds and multibiomarker responses in cod (<i>Gadus morhua</i>) from munition dumpsites. <i>Marine Environmental Research</i> , 2020, 162, 105160.	1.1	18
1026	Proportion of HABs in Losari coastal waters of Makassar. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 564, 012018.	0.2	2
1027	Study on high-CO ₂ tolerant <i>Scenedesmus</i> sp. and its mechanism via comparative transcriptomic analysis. <i>Journal of CO₂ Utilization</i> , 2020, 42, 101331.	3.3	16
1028	Enniatin B induces dosage-related apoptosis or necrosis in mouse blastocysts leading to deleterious effects on embryo development. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1449-1460.	1.2	6
1029	Changes in thiamine concentrations, fatty acid composition, and some other lipid-related biochemical indices in Baltic Sea Atlantic salmon (<i>Salmo salar</i>) during the spawning run and pre-spawning fasting. <i>Helgoland Marine Research</i> , 2020, 74, .	1.3	14
1030	A comparative study on the effects of three different metals (Cu, Zn and Cd) at similar toxicity levels in common carp, <i>Cyprinus carpio</i> . <i>Journal of Applied Toxicology</i> , 2020, 41, 1400-1413.	1.4	4
1031	Coal Dust-Induced Systematic Hypoxia and Redox Imbalance among Coal Mine Workers. <i>ACS Omega</i> , 2020, 5, 28204-28211.	1.6	8
1032	A multibiomarker approach to assess toxic effects of wastewater treatment plant effluents and activated defence mechanisms in marine (<i>Ruditapes philippinarum</i>) and fresh water (<i>Corbicula</i>)		
1033	Benzo[<i>a</i>]pyrene constrains embryo development via oxidative stress induction and modulates the transcriptional responses of molecular biomarkers in the marine medaka <i>Oryzias latipes</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1050-1058.	0.9	6
1034	Influence of winter feeding on colony development and the antioxidant system of the honey bee, <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2020, 59, 752-763.	0.7	15
1035	High salinity acclimatization alleviated cadmium toxicity in <i>Dunaliella salina</i> : Transcriptomic and physiological evidence. <i>Aquatic Toxicology</i> , 2020, 223, 105492.	1.9	18
1036	Perfluorinated alkyl substances impede growth, reproduction, lipid metabolism and lifespan in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2020, 737, 139682.	3.9	52
1037	Effects of temperature changes on life parameters, oxidative stress, and antioxidant defense system in the monogonont marine rotifer <i>Brachionus plicatilis</i> . <i>Marine Pollution Bulletin</i> , 2020, 155, 111062.	2.3	15
1038	Bioaccumulation and oxidative damage of polycyclic aromatic hydrocarbon mixtures in Manila clam <i>Ruditapes philippinarum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 197, 110558.	2.9	20
1039	Biological effects of dumped chemical weapons in the Baltic Sea: A multi-biomarker study using caged mussels at the Bornholm main dumping site. <i>Marine Environmental Research</i> , 2020, 161, 105036.	1.1	10

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1041	Ecotoxicity of trace elements to chicken GALLUS gallus domesticus exposed to a gradient of polymetallic-polluted sites.. Environmental Pollution, 2020, 265, 114831.	3.7	8
1042	Dietary folic acid requirement of fingerling Catla, <i>Catla catla</i> (Hamilton). Aquaculture Nutrition, 2020, 26, 1035-1045.	1.1	12
1043	Adverse effects in Daphnia magna exposed to e-waste leachate: Assessment based on life trait changes and responses of detoxification-related genes. Environmental Research, 2020, 188, 109821.	3.7	13
1044	Oxidative responses of macro-invertebrates in relation to environmental variables in rivers of East Kalimantan, Indonesia. Chemistry and Ecology, 2020, 36, 855-867.	0.6	3
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1046	Disturbance of chiral ionic liquids to phototaxis of Chlamydomonas reinhardtii: regular analysis and mechanism attempt. Environmental Science and Pollution Research, 2020, 27, 15011-15019.	2.7	5
1047	Tolerance and bio-accumulation of aflatoxin B1 in invertebrate Litopenaeus vannamei and vertebrate Oreochromis niloticus. Aquaculture, 2020, 524, 735055.	1.7	10
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1057	Effects of nanomaterials on metal toxicity: Case study of graphene family on Cd. Ecotoxicology and Environmental Safety, 2020, 194, 110448.	2.9	6

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1059	The Impact on Antioxidant Enzyme Activity and Related Gene Expression Following Adult Zebrafish (<i>Danio rerio</i>) Exposure to Dimethyl Phthalate. <i>Animals</i> , 2020, 10, 717.	1.0	26
1060	Ecotoxicological effects of organic micro-pollutants on the environment. , 2020, , 481-501.		14
1061	Effects of yucca, <i>Yucca schidigera</i> , extract and/or yeast, <i>Saccharomyces cerevisiae</i> , as water additives on growth, biochemical, and antioxidants/oxidant biomarkers of Nile tilapia, <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , 2021, 533, 736122.	1.7	19
1062	Comparative acute toxicity of benzophenone derivatives and bisphenol analogues in the Asian clam <i>Corbicula fluminea</i> . <i>Ecotoxicology</i> , 2021, 30, 142-153.	1.1	12
1063	Buprofezin toxication implicates health hazards in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Research</i> , 2021, 52, 217-228.	0.9	4
1064	Immune and antioxidative effects of dietary licorice (<i>Glycyrrhiza glabra</i> L.) on performance of Nile tilapia, <i>Oreochromis niloticus</i> (L.) and its susceptibility to <i>Aeromonas hydrophila</i> infection. <i>Aquaculture</i> , 2021, 530, 735828.	1.7	41
1065	Oxidative Stress and Antioxidant Defense in Fish: The Implications of Probiotic, Prebiotic, and Synbiotics. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 198-217.	5.1	208
1066	Toxicity assessment at different experimental scenarios with glyphosate, chlorpyrifos and antibiotics in <i>Rhinella arenarum</i> (Anura: Bufonidae) tadpoles. <i>Chemosphere</i> , 2021, 273, 128475.	4.2	12
1067	Dietary <i>Tridax procumbens</i> leaves extract stimulated growth, antioxidants, immunity, and resistance of Nile tilapia, <i>Oreochromis niloticus</i> , to monogenean parasitic infection. <i>Aquaculture</i> , 2021, 532, 736047.	1.7	29
1068	Antioxidant responses of the mussel <i>Mytilus coruscus</i> co-exposed to ocean acidification, hypoxia and warming. <i>Marine Pollution Bulletin</i> , 2021, 162, 111869.	2.3	34
1069	Acute toxicity of organophosphate pesticide profenofos, pyrethroid pesticide ⚭ cyhalothrin and biopesticide azadirachtin and their sublethal effects on growth and oxidative stress enzymes in benthic oligochaete worm, <i>Tubifex tubifex</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 242, 108943.	1.3	13
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1071	Biochemical aspects of susceptibility to stressors in two small cyprinids <i>Squalius laietanus</i> and <i>Barbus meridionalis</i> from the NW Mediterranean. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 242, 108940.	1.3	1
1072	Ameliorative effect of vitamins (E and C) on biochemical alterations induced by sublethal concentrations of zinc oxide bulk and nanoparticles in <i>Oreochromis niloticus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 242, 108952.	1.3	3
1073	Toxicological effects and bioaccumulation of fullerene C60 (FC60) in the marine bivalve <i>Ruditapes philippinarum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111560.	2.9	10
1074	What does the freshwater clam, <i>Corbicula largillierti</i> , have to tell us about chlorothalonil effects?. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111603.	2.9	8
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1077	Heat shock proteins and antioxidants as mechanisms of response to ivermectin in the dung beetle <i>Euoniticellus intermedius</i> . <i>Chemosphere</i> , 2021, 269, 128707.	4.2	8
1078	Chronic effects of a binary insecticide Acer 35 ^Å EC on Nile tilapia <i>Oreochromis niloticus</i> through a multi-biomarker approach. <i>Chemosphere</i> , 2021, 273, 128530.	4.2	9
1079	Assessing the effects of Thiram to oxidative stress responses in a freshwater bioindicator cladoceran (<i>Daphnia magna</i>). <i>Chemosphere</i> , 2021, 268, 128808.	4.2	29
1080	Consequences of sodium dodecyl sulfate exposure on the antioxidant status and steroidogenesis in fish gonad. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19247-19259.	2.7	2
1081	Feeding sundried cassava leaf meal as a replacement for de ^Å iled rice bran in the diets of rohu, <i>Labeo rohita</i> , fingerlings: effect on growth, enzyme activities and gene expression of <i>igf^Å1</i> and <i>igf^Å2</i> . <i>Aquaculture Nutrition</i> , 2021, 27, 817-828.	1.1	6
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1083	Treatment of oxidative stress, apoptosis, and DNA injury with N-acetylcysteine at simulative pesticide toxicity in fish. <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 224-234.	1.3	26
1084	Tissue-specific responses of <i>Lymantria dispar</i> L. (Lepidoptera: Erebidae) larvae from unpolluted and polluted forests to thermal stress. <i>Journal of Thermal Biology</i> , 2021, 96, 102836.	1.1	5
1085	Multi-Biomarker Responses of Asian Clam <i>Corbicula fluminea</i> (Bivalvia, Corbiculidea) to Cadmium and Microplastics Pollutants. <i>Water (Switzerland)</i> , 2021, 13, 394.	1.2	26
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1087	Influence of light spectra on the performance of juvenile turbot (<i>Scophthalmus maximus</i>). <i>Aquaculture</i> , 2021, 533, 736191.	1.7	15
1088	Effect of Environmental Contaminants on Antioxidant Defense System in Fringe ^Å lip Mullet (<i>Crenimugil</i>) Tj ETQq0 0.0 rgBT /Overlock 106, 779-785.	1.3	4
1089	Effects of the emulsifiable herbicide Dicamba on amphibian tadpoles: an underestimated toxicity risk?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31962-31974.	2.7	20
1090	Integrated biomarker response in <i>Mytilus chilensis</i> exposed to untreated urban discharges along the coast of Ushuaia Bay (Beagle Channel, Argentina). <i>Environmental Science and Pollution Research</i> , 2021, 28, 39892-39906.	2.7	4
1091	Exposure to Dodecamethylcyclohexasiloxane (D6) Affects the Antioxidant Response and Gene Expression of <i>Procambarus clarkii</i> . <i>Sustainability</i> , 2021, 13, 3495.	1.6	6
1092	Changes in metabolism and immunity in response to acute salinity stress in Chinese razor clams from different regions. <i>Aquaculture Reports</i> , 2021, 19, 100624.	0.7	9
1093	Acute toxicity and biomarker responses in <i>Gammarus locusta</i> amphipods exposed to copper, cadmium, and the organochlorine insecticide dieldrin. <i>Environmental Science and Pollution Research</i> , 2021, 28, 36523-36534.	2.7	2

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1095	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
1096	Glutathione and its dependent enzymesâ€™ modulatory responses to neonicotinoid insecticide sulfoxaflor induced oxidative damage in zebrafish in vivo. <i>Science Progress</i> , 2021, 104, 003685042110283.	1.0	12
1097	Assessment of recreational potential of Sevastopol bays using bioindication methods. <i>South of Russia: Ecology, Development</i> , 2021, 16, 151-167.	0.1	3
1098	In vivo evaluation of Nano-palladium toxicity on larval stages and adult of zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2021, 765, 144268.	3.9	27
1099	Effects of dietary sweet basil (<i>Ocimum basilicum</i>) oil on the performance, antioxidants and immunity welfare, and resistance of Indian shrimp (<i>Penaeus indicus</i>) against <i>Vibrio parahaemolyticus</i> infection. <i>Aquaculture Nutrition</i> , 2021, 27, 1244-1254.	1.1	16
1100	Effects of prolonged fasting on levels of metabolites, oxidative stress, immune-related gene expression, histopathology, and DNA damage in the liver and muscle tissues of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1119-1132.	0.9	16
1101	Impacts of wildfires in aquatic organisms: biomarker responses and erythrocyte nuclear abnormalities in <i>Gambusia holbrooki</i> exposed in situ. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51733-51744.	2.7	9
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1107	Long-term exposure to virgin and seawater exposed microplastic enriched-diet causes liver oxidative stress and inflammation in gilthead seabream <i>Sparus aurata</i> , Linnaeus 1758. <i>Science of the Total Environment</i> , 2021, 767, 144976.	3.9	73
1108	Ecology of oxidative stress in the Danube barbel (<i>Barbus balcanicus</i>) from a winegrowing district: Effects of water parameters, trace and rare earth elements on biochemical biomarkers. <i>Science of the Total Environment</i> , 2021, 772, 145034.	3.9	11
1109	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
1110	Effects of pyriproxyfen and <i>Bacillus thuringiensis</i> Berliner, 1915 on enzymatic antioxidant defense system and hemocytes of <i>Galleria mellonella</i> (L., 1758) (Lepidoptera: Pyralidae). <i>Turkiye Entomoloji Dergisi</i> , 2021, 45, 149-162.	0.1	1
1111	<i>Alternariol</i> exerts embryotoxic and immunotoxic effects on mouse blastocysts through ROS-mediated apoptotic processes. <i>Toxicology Research</i> , 2021, 10, 719-732.	0.9	8

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1113	Are bio-based and biodegradable microplastics impacting for blue mussel (<i>Mytilus edulis</i>)?. <i>Marine Pollution Bulletin</i> , 2021, 167, 112295.	2.3	23
1114	L-carnitine can improve the population growth and anti-stress ability of rotifer (<i>Brachionus</i>)	0.7	1
1115	Nickel bioaccumulation and the antioxidant response in Pacific abalone <i>Haliotis discus hannai</i> , Ino 1953 exposed to waterborne nickel during thermal stress. <i>Aquaculture Reports</i> , 2021, 20, 100726.	0.7	3
1116	Acute hypoxic exposure: Effect on hemocyte functional parameters and antioxidant potential in gills of the pacific oyster, <i>Crassostrea gigas</i> . <i>Marine Environmental Research</i> , 2021, 169, 105389.	1.1	12
1117	Common carp exposed to binary mixtures of Cd(II) and Zn(II): A study on metal bioaccumulation and ion-homeostasis. <i>Aquatic Toxicology</i> , 2021, 237, 105875.	1.9	6
1118	Effect of dietary supplementation of sumac fruit powder (<i>Rhus coriaria</i> L.) on growth performance, serum biochemistry, intestinal morphology and antioxidant capacity of rainbow trout (<i>Oncorhynchus mykiss</i> , Walbaum). <i>Animal Feed Science and Technology</i> , 2021, 278, 114993.	1.1	8
1119	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
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1121	Assessment of the impact of aquaculture facilities on transplanted mussels (<i>Mytilus</i>)	6.5	10
1123	Dietary spirulina (<i>Arthrospira platensis</i>) mitigated the adverse effects of imidacloprid insecticide on the growth performance, haemato-biochemical, antioxidant, and immune responses of Nile tilapia. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 247, 109067.	1.3	15
1124	Δtamethrin TM in <i>Carassius gibelio</i> (Bloch, 1782) ^Ö zerine Etkilerinin Elektroforetik ve Biyokimyasal Y ^Å ntemlerle Ara ^ÿ t ^Å r ^Å lmas ^Å . <i>Journal of the Institute of Science and Technology</i> , 0, , 1713-1724.	0.3	0
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1126	Sub-lethal combined effects of illicit drug and decreased pH on marine mussels: A short-time exposure to crack cocaine in CO ₂ enrichment scenarios. <i>Marine Pollution Bulletin</i> , 2021, 171, 112735.	2.3	3
1127	Efficacy and side effects of bio-fabricated sardine fish scale silver nanoparticles against malarial vector <i>Anopheles stephensi</i> . <i>Scientific Reports</i> , 2021, 11, 19567.	1.6	8
1128	Microplastic intake and enzymatic responses in <i>Mytilus galloprovincialis</i> reared at the vicinities of an aquaculture station. <i>Chemosphere</i> , 2021, 280, 130575.	4.2	27
1129	Potential effects of dietary seaweeds mixture on the growth performance, antioxidant status, immunity response, and resistance of striped catfish (<i>Pangasianodon hypophthalmus</i>) against <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2021, 119, 76-83.	1.6	20
1130	Luminescent Microbial Bioassays and Microalgal Biosensors as Tools for Environmental Toxicity Evaluation. , 2022, , 767-824.		2

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1133	Multi-biomarker approach in <i>Mytilus galloprovincialis</i> and <i>Ruditapes decussatus</i> as a predictor of pelago-benthic responses after exposure to Benzo[a]Pyrene. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109141.	1.3	6
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1135	Single and binary-combined toxic effects of acetochlor and Cu ²⁺ on goldfish (<i>Carassius auratus</i>) larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 250, 109165.	1.3	4
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1140	Toxic effect of BDE-47 on the marine alga <i>Skeletonema costatum</i> : Population dynamics, photosynthesis, antioxidation and morphological changes. <i>Chemosphere</i> , 2022, 286, 131674.	4.2	3
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1142	Blood cells and some hematological parameters of red drum (Linnaeus, 1766) in Vietnam. <i>Brazilian Journal of Biology</i> , 2021, 82, e237283.	0.4	1
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1148	The use of Atlantic hagfish (<i>Myxine glutinosa</i>) as a bioindicator species for studies on effects of dumped chemical warfare agents in the Skagerrak. 2. Biochemical biomarkers. <i>Marine Environmental Research</i> , 2020, 162, 105097.	1.1	9
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1253	Comparison of immune defense and antioxidant capacity between broodstock and hybrid offspring of juvenile shrimp (<i>Macrobrachium nipponense</i>): Response to acute ammonia stress. <i>Animal Genetics</i> , 2022, 53, 380-392.	0.6	4
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1257	Effects of dietary supplementation of chamomile oil on Indian shrimp (<i>Penaeus indicus</i>) performance, antioxidant, innate immunity, and resistance to <i>Vibrio parahaemolyticus</i> infection. <i>Aquaculture</i> , 2022, 552, 738045.	1.7	14
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1262	Single and joint toxicity assessment of acetamiprid and thiamethoxam neonicotinoids pesticides on biochemical indices and antioxidant enzyme activities of a freshwater fish <i>Catla catla</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109336.	1.3	22
1263	Molecular cloning and characterization of Cu-Zn superoxide dismutase (<i>sod1</i>) gene in brown trout and its expression in response to acute aquaculture stressors. <i>Animal Biotechnology</i> , 2023, 34, 1968-1978.	0.7	2

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1278	Enhance Systemic Resistance Significantly Reduces the Silverleaf Whitefly Population and Increases the Yield of Sweet Pepper, <i>Capsicum annum</i> L. var. <i>annuum</i> . <i>Sustainability</i> , 2022, 14, 6583.	1.6	4
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1280	Combined physiological and behavioral approaches as tools to evaluate environmental risk assessment of the water accommodated-fraction of diesel oil. <i>Aquatic Toxicology</i> , 2022, , 106230.	1.9	1
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1282	Which UV wavelength is the most effective for chlorine-resistant bacteria in terms of the impact of activity, cell membrane and DNA?. <i>Chemical Engineering Journal</i> , 2022, 447, 137584.	6.6	17
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1299	Monitoring ocean water quality by deployment of lumpfish (<i>Cyclopterus lumpus</i>) eggs: In situ bioaccumulation and toxicity in embryos. <i>Ecotoxicology and Environmental Safety</i> , 2022, 245, 114074.	2.9	3
1300	Cadmium and copper mixture effects on immunological response and susceptibility to <i>Vibrio harveyi</i> in white shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2022, 129, 145-151.	1.6	4
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1305	Physiological, morphological, and biochemical responses of metals and metalloids on algae. , 2022, , 271-286.		0
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1316	Comparative assessment of individual and mixture chronic toxicity of glyphosate and glufosinate ammonium on amphibian tadpoles: A multibiomarker approach. <i>Chemosphere</i> , 2022, 309, 136554.	4.2	6
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1318	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
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1322	Nanoplastics as an Invisible Threat to Humans and the Environment. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-15.	1.5	9
1324	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
1325	Molecular effects of polystyrene nanoplastics toxicity in zebrafish embryos (<i>Danio rerio</i>). <i>Chemosphere</i> , 2023, 312, 137077.	4.2	11
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1328	Toxic effect of heavy metals on ovarian deformities, apoptotic changes, oxidative stress, and steroid hormones in rainbow trout. <i>Journal of Trace Elements in Medicine and Biology</i> , 2023, 75, 127106.	1.5	7
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1336	Effects of metal accumulation on oxidative metabolism of. <i>Marine and Freshwater Research</i> , 2023, 74, 144-156.	0.7	3
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1344	Sublethal Biochemical Effects of Polyethylene Microplastics and TBBPA in Experimentally Exposed Freshwater Shrimp <i>Palaemonetes argentinus</i> . <i>Biology</i> , 2023, 12, 391.	1.3	4
1345	The Keap1-Nrf2 signaling pathway regulates antioxidant defenses of <i>Ctenopharyngodon idella</i> induced by bacterial infection. <i>Fish and Shellfish Immunology</i> , 2023, 137, 108686.	1.6	2
1346	Responses of oxidative stress biomarkers of freshwater fish (<i>Oreochromis niloticus</i>) exposed to Cr ⁶⁺ , Hg ²⁺ , Ni ²⁺ and Zn ²⁺ in differing calcium levels. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2023, 267, 109577.	1.3	1
1347	Toxicity evaluation of landfill leachate after treatment by simple distillation using <i>Danio rerio</i> biomarkers. <i>Chemical Engineering Research and Design</i> , 2023, 174, 243-252.	2.7	3
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1352	Genomic organization and transcription of superoxide dismutase genes (<i>sod1</i> , <i>sod2</i> , and <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> SOD enzyme activity. <i>Animal Biotechnology</i> , 0, , 1-11.	0.7	1
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