Mario Diniz

List of Publications by Citations

156 papers	3,530 citations	33 h-index	51 g-index
160 ext. papers	4,333 ext. citations	4.7 avg, IF	5.58 L-index

#	Paper	IF	Citations
156	Influence of temperature in thermal and oxidative stress responses in estuarine fish. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2013**, 166, 237-43	2.6	179
155	Effect of temperature on oxidative stress in fish: Lipid peroxidation and catalase activity in the muscle of juvenile seabass, Dicentrarchus labrax. *Ecological Indicators*, **2012**, 23, 274-279	5.8	169
154	Histological biomarkers in liver and gills of juvenile Solea senegalensis exposed to contaminated estuarine sediments: a weighted indices approach. *Aquatic Toxicology*, **2009**, 92, 202-12	5.1	120
153	Overview on modern approaches to speed up protein identification workflows relying on enzymatic cleavage and mass spectrometry-based techniques. *Analytica Chimica Acta*, **2009**, 650, 151-9	6.6	81
152	Ecotoxicity of ketoprofen, diclofenac, atenolol and their photolysis byproducts in zebrafish (Danio rerio). *Science of the Total Environment*, **2015**, 505, 282-9	10.2	80
151	Vulnerability to climate warming and acclimation capacity of tropical and temperate coastal organisms. *Ecological Indicators*, **2016**, 62, 317-327	5.8	79
150	Assessment of fish quality: the Quality Index Method versus HPLC analysis in Sarda sarda (Bloch, 1793). *Annals of Medicine*, **2019**, 51, 74-74	1.5	78
149	Antioxidant enzymes, HSP70 and Ubiquitin levels in Laeonereis acuta from the Argentinean coast. *Annals of Medicine*, **2019**, 51, 75-76	1.5	78
148	Molecular assessment of wild populations across marine taxa: importance of taxonomic, seasonal and habitat patterns in environmental monitoring. *Annals of Medicine*, **2019**, 51, 79-79	1.5	78
147	Biochemical responses in Danio rerio following exposure to CdS and ZnS Quantum Dots. *Annals of Medicine*, **2019**, 51, 71-71	1.5	78
146	Assessment of HSP70 and catalase in Brachidontes rodriguezii (d□Orbigny, 1842) a mussel from the Argentinean coast. *Annals of Medicine*, **2019**, 51, 77-77	1.5	78
145	Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. *Nanotoxicology*, **2014**, 8, 521-32	5.3	69
144	Oxidative stress and histological changes following exposure to diamond nanoparticles in the freshwater Asian clam Corbicula fluminea (M□ller, 1774). *Journal of Hazardous Materials*, **2015**, 284, 27-34	12.8	64
143	Oxidative Stress and Digestive Enzyme Activity of Flatfish Larvae in a Changing Ocean. *PLoS ONE*, **2015**, 10, e0134082	3.7	63
142	Ocean warming enhances malformations, premature hatching, metabolic suppression and oxidative stress in the early life stages of a keystone squid. *PLoS ONE*, **2012**, 7, e38282	3.7	62
141	Biological treatment of the effluent from a bleached kraft pulp mill using basidiomycete and zygomycete fungi. *Science of the Total Environment*, **2009**, 407, 3282-9	10.2	55
140	Bioaccumulation and elimination of mercury in juvenile seabass (Dicentrarchus labrax) in a warmer environment. *Environmental Research*, **2016**, 149, 77-85	7.9	50

139	Are fish in hot water? Effects of warming on oxidative stress metabolism in the commercial species Sparus aurata. *Ecological Indicators*, **2016**, 63, 324-331	5.8	48
138	Effect of increasing temperature in the differential activity of oxidative stress biomarkers in various tissues of the Rock goby, Gobius paganellus. *Marine Environmental Research*, **2014**, 97, 10-4	3.3	48
137	Bioavailability of cadmium and biochemical responses on the freshwater bivalve Corbicula fluminea--the role of TiO□nanoparticles. *Ecotoxicology and Environmental Safety*, **2014**, 109, 161-8	7	47
136	Effects of diamond nanoparticle exposure on the internal structure and reproduction of Daphnia magna. *Journal of Hazardous Materials*, **2011**, 186, 265-71	12.8	46
135	Thermal acclimation in clownfish: An integrated biomarker response and multi-tissue experimental approach. *Ecological Indicators*, **2016**, 71, 280-292	5.8	42
134	HSP70 production patterns in coastal and estuarine organisms facing increasing temperatures. *Journal of Sea Research*, **2012**, 73, 137-147	1.9	41
133	Estrogenic effects in crucian carp (Carassius carassius) exposed to treated sewage effluent. *Ecotoxicology and Environmental Safety*, **2005**, 62, 427-35	7	41
132	Ecophysiological responses of juvenile seabass (Dicentrarchus labrax) exposed to increased temperature and dietary methylmercury. *Science of the Total Environment*, **2017**, 586, 551-558	10.2	40
131	Developmental and physiological challenges of octopus (Octopus vulgaris) early life stages under ocean warming. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2014**, 184, 55-64	2.2	40
130	Differential behavioural responses to venlafaxine exposure route, warming and acidification in juvenile fish (Argyrosomus regius). *Science of the Total Environment*, **2018**, 634, 1136-1147	10.2	39
129	Single and combined effects of aluminum (AlO) and zinc (ZnO) oxide nanoparticles in a freshwater fish, Carassius auratus. *Environmental Science and Pollution Research*, **2016**, 23, 24578-24591	5.1	39
128	Histopathological alterations, physiological limits, and molecular changes of juvenile Sparus aurata in response to thermal stress. *Marine Ecology - Progress Series*, **2014**, 505, 253-266	2.6	39
127	Comparative study of the estrogenic responses of mirror carp (Cyprinus carpio) exposed to treated municipal sewage effluent (Lisbon) during two periods in different seasons. *Science of the Total Environment*, **2005**, 349, 129-39	10.2	39
126	New rhodamine dimer probes for mercury detection via color changes and enhancement of the fluorescence emission: Fast recognition in□cellulose supported devices. *Dyes and Pigments*, **2014**, 101, 156-163	4.6	36
125	Integrated multi-biomarker responses of juvenile seabass to diclofenac, warming and acidification co-exposure. *Aquatic Toxicology*, **2018**, 202, 65-79	5.1	36
124	Impact of climate change on coastal versus estuarine nursery areas: cellular and whole-animal indicators in juvenile seabass Dicentrarchus labrax. *Marine Ecology - Progress Series*, **2012**, 464, 237-243	2.6	34
123	Coral physiological adaptations to air exposure: Heat shock and oxidative stress responses in Veretillum cynomorium. *Journal of Experimental Marine Biology and Ecology*, **2013**, 439, 35-41	2.1	33
122	Thermal tolerance of the crab Pachygrapsus marmoratus: intraspecific differences at a physiological (CTMax) and molecular level (Hsp70). *Cell Stress and Chaperones*, **2012**, 17, 707-16	4	32

121	A characterization of selected endocrine disruptor compounds in a Portuguese wastewater treatment plant. *Environmental Monitoring and Assessment*, **2006**, 118, 75-87	3.1	32
120	Effect of temperature in multiple biomarkers of oxidative stress in coastal shrimp. *Journal of Thermal Biology*, **2014**, 41, 38-42	2.9	31
119	Role of thermal niche in the cellular response to thermal stress: Lipid peroxidation and HSP70 expression in coastal crabs. *Ecological Indicators*, **2014**, 36, 601-606	5.8	31
118	Neuro-oxidative damage and aerobic potential loss of sharks under elevated CO2 and warming. *Marine Biology*, **2016**, 163, 1	2.5	31
117	Evidence of one-way flow bioaccumulation of gold nanoparticles across two trophic levels. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	30
116	Liver alterations in two freshwater fish species (Carassius auratus and Danio rerio) following exposure to different TiO□nanoparticle concentrations. *Microscopy and Microanalysis*, **2013**, 19, 1131-40	0.5	30
115	Biochemical endpoints on juvenile Solea senegalensis exposed to estuarine sediments: the effect of contaminant mixtures on metallothionein and CYP1A induction. *Ecotoxicology*, **2009**, 18, 988-1000	2.9	29
114	Modelling metallothionein induction in the liver of Sparus aurata exposed to metal-contaminated sediments. *Ecotoxicology and Environmental Safety*, **2008**, 71, 117-24	7	28
113	Living in a multi-stressors environment: An integrated biomarker approach to assess the ecotoxicological response of meagre (Argyrosomus regius) to venlafaxine, warming and acidification. *Environmental Research*, **2019**, 169, 7-25	7.9	27
112	Physiological, cellular and biochemical thermal stress response of intertidal shrimps with different vertical distributions: Palaemon elegans and Palaemon serratus. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2015**, 183, 107-15	2.6	26
111	Negative synergistic impacts of ocean warming and acidification on the survival and proteome of the commercial sea bream, Sparus aurata. *Journal of Sea Research*, **2018**, 139, 50-61	1.9	26
110	The effectiveness of a biological treatment with Rhizopus oryzae and of a photo-Fenton oxidation in the mitigation of toxicity of a bleached kraft pulp mill effluent. *Water Research*, **2009**, 43, 2471-80	12.5	25
109	When warming hits harder: survival, cellular stress and thermal limits of Sparus aurata larvae under global change. *Marine Biology*, **2016**, 163, 1	2.5	25
108	Accumulation, elimination and neuro-oxidative damage under lanthanum exposure in glass eels (Anguilla anguilla). *Chemosphere*, **2018**, 206, 414-423	8.4	24
107	Ocean cleaning stations under a changing climate: biological responses of tropical and temperate fish-cleaner shrimp to global warming. *Global Change Biology*, **2014**, 20, 3068-79	11.4	24
106	Environmental health assessment of warming coastal ecosystems in the tropics - Application of integrative physiological indices. *Science of the Total Environment*, **2018**, 643, 28-39	10.2	24
105	Metabolic and histopathological alterations in the marine bivalve Mytilus galloprovincialis induced by chronic exposure to acrylamide. *Environmental Research*, **2014**, 135, 55-62	7.9	23
104	Ocean warming alters cellular metabolism and induces mortality in fish early life stages: A proteomic approach. *Environmental Research*, **2016**, 148, 164-176	7.9	23

103	Synergy of environmental variables alters the thermal window and heat shock response: an experimental test with the crab Pachygrapsus marmoratus. *Marine Environmental Research*, **2014**, 98, 21-8	3.3	22
102	Assessing the estrogenic potency in a Portuguese wastewater treatment plant using an integrated approach. *Journal of Environmental Sciences*, **2010**, 22, 1613-22	6.4	22
101	Ecophysiology of native and alien-invasive clams in an ocean warming context. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2014**, 175, 28-37	2.6	21
100	Critical thermal maxima of common rocky intertidal fish and shrimps – A preliminary assessment. *Journal of Sea Research*, **2013**, 81, 10-12	1.9	21
99	A description of chloride cell and kidney tubule alterations in the flatfish Solea senegalensis exposed to moderately contaminated sediments from the Sado estuary (Portugal). *Journal of Sea Research*, **2010**, 64, 465-472	1.9	21
98	Oxidative stress in deep scattering layers: Heat shock response and antioxidant enzymes activities of myctophid fishes thriving in oxygen minimum zones. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2013**, 82, 10-16	2.5	20
97	Octocorals in a changing environment: Seasonal response of stress biomarkers in natural populations of Veretillum cynomorium. *Journal of Sea Research*, **2015**, 103, 120-128	1.9	18
96	Saccharomyces cerevisiae accumulates GAPDH-derived peptides on its cell surface that induce death of non-Saccharomyces yeasts by cell-to-cell contact. *FEMS Microbiology Ecology*, **2017**, 93,	4.3	17
95	Thermal stress and energy metabolism in two circumtropical decapod crustaceans: Responses to acute temperature events. *Marine Environmental Research*, **2018**, 141, 148-158	3.3	17
94	Thermal stress, thermal safety margins and acclimation capacity in tropical shallow waters – An experimental approach testing multiple end-points in two common fish. *Ecological Indicators*, **2017**, 81, 146-158	5.8	16
93	Characterization of antiproliferative potential and biological targets of a copper compound containing 4'-phenyl terpyridine. *Journal of Biological Inorganic Chemistry*, **2015**, 20, 935-48	3.7	16
92	Effects of carcinogenic versus non-carcinogenic AHR-active PAHs and their mixtures: lessons from ecological relevance. *Environmental Research*, **2015**, 138, 101-11	7.9	16
91	May sediment contamination be xenoestrogenic to benthic fish? A case study with Solea senegalensis. *Marine Environmental Research*, **2014**, 99, 170-8	3.3	16
90	Toxicokinetics of waterborne trivalent arsenic in the freshwater bivalve Corbicula fluminea. *Archives of Environmental Contamination and Toxicology*, **2009**, 57, 338-47	3.2	16
89	Effects of tertiary treatment by fungi on organic compounds in a kraft pulp mill effluent. *Environmental Science and Pollution Research*, **2010**, 17, 866-74	5.1	16
88	Metallothionein responses in the Asiatic clam (Corbicula fluminea) after exposure to trivalent arsenic. *Biomarkers*, **2007**, 12, 589-98	2.6	16
87	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (Argyrosomus regius) exposed to warming and acidification conditions. *Chemosphere*, **2018**, 209, 286-297	8.4	16
86	A multi-integrated approach on toxicity effects of engineered TiO2 nanoparticles. *Frontiers of Environmental Science and Engineering*, **2015**, 9, 793-803	5.8	15

85	Absence of cellular damage in tropical newly hatched sharks (Chiloscyllium plagiosum) under ocean acidification conditions. *Cell Stress and Chaperones*, **2018**, 23, 837-846	4	15
84	Unravelling the role of ultrasonic energy in the enhancement of enzymatic kinetics. *Journal of Molecular Catalysis B: Enzymatic*, **2012**, 74, 9-15		15
83	Hypoxia tolerance and antioxidant defense system of juvenile jumbo squids in oxygen minimum zones. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2013**, 95, 209-217	2.3	15
82	Testing the variability of PSA expression by different human prostate cancer cell lines by means of a new potentiometric device employing molecularly antibody assembled on graphene surface. *Materials Science and Engineering C*, **2016**, 59, 1069-1078	8.3	14
81	Oxidative stress on scleractinian coral fragments following exposure to high temperature and low salinity. *Ecological Indicators*, **2019**, 107, 105586	5.8	14
80	Comparing biomarker responses during thermal acclimation: A lethal vs non-lethal approach in a tropical reef clownfish. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2017**, 204, 104-112	2.6	14
79	Synthesis and photophysical studies of two luminescent chemosensors based on catechol and 8-Hydroxyquinoline chromophores, and their complexes with group 13 metal ions. *Inorganic Chemistry Communication*, **2011**, 14, 831-835	3.1	14
78	Toxicological effects and bioaccumulation in the freshwater clam (Corbicula fluminea) following exposure to trivalent arsenic. *Environmental Toxicology*, **2007**, 22, 502-9	4.2	14
77	In-situ production of Histamine-imprinted polymeric materials for electrochemical monitoring of fish. *Sensors and Actuators B: Chemical*, **2020**, 311, 127902	8.5	13
76	Bioaccumulation and ecotoxicological responses of juvenile white seabream (Diplodus sargus) exposed to triclosan, warming and acidification. *Environmental Pollution*, **2019**, 245, 427-442	9.3	13
75	Histopathological findings on Carassius auratus hepatopancreas upon exposure to acrylamide: correlation with genotoxicity and metabolic alterations. *Journal of Applied Toxicology*, **2014**, 34, 1293-302	4.1	12
74	A novel quinoline molecular probe and the derived functionalized gold nanoparticles: sensing properties and cytotoxicity studies in MCF-7 human breast cancer cells. *Journal of Inorganic Biochemistry*, **2014**, 137, 115-22	4.2	12
73	Synthesis of functionalized fluorescent silver nanoparticles and their toxicological effect in aquatic environments (Goldfish) and HEPG2 cells. *Frontiers in Chemistry*, **2013**, 1, 29	5	12
72	Toxicity Evaluation of Quantum Dots (ZnS and CdS) Singly and Combined in Zebrafish (). *International Journal of Environmental Research and Public Health*, **2019**, 17,	4.6	12
71	Redispersion and Self-Assembly of C Fullerene in Water and Toluene. *ACS Omega*, **2017**, 2, 2368-2373	3.9	11
70	Integrative indices for health assessment in reef corals under thermal stress. *Ecological Indicators*, **2020**, 113, 106230	5.8	11
69	Molecular Plasticity under Ocean Warming: Proteomics and Fitness Data Provides Clues for a Better Understanding of the Thermal Tolerance in Fish. *Frontiers in Physiology*, **2017**, 8, 825	4.6	11
68	Tissue Localization and Distribution of As and Al in the Halophyte Tamarix gallica under Controlled Conditions. *Frontiers in Marine Science*, **2016**, 3,	4.5	11

67	Biocontrol of Brettanomyces/Dekkera bruxellensis in alcoholic fermentations using saccharomycin-overproducing Saccharomyces cerevisiae strains. *Applied Microbiology and Biotechnology*, **2019**, 103, 3073-3083	5.7	10
66	Changes in metabolic pathways of Desulfovibrio alaskensis G20 cells induced by molybdate excess. *Journal of Biological Inorganic Chemistry*, **2015**, 20, 311-22	3.7	10
65	Umami free amino acids in edible green, red, and brown seaweeds from the Portuguese seashore. *Journal of Applied Phycology*, **2020**, 32, 3331-3339	3.2	10
64	Is the stress response affected by season? Clues from an in situ study with a key intertidal shrimp. *Marine Biology*, **2016**, 163, 1	2.5	10
63	Long-term exposure to increasing temperatures on scleractinian coral fragments reveals oxidative stress. *Marine Environmental Research*, **2019**, 150, 104758	3.3	10
62	Assessment of essential elements and heavy metals content on Mytilus galloprovincialis from river Tagus estuary. *Biological Trace Element Research*, **2014**, 159, 233-40	4.5	10
61	Transgenerational exposure to ocean acidification induces biochemical distress in a keystone amphipod species (Gammarus locusta). *Environmental Research*, **2019**, 170, 168-177	7.9	10
60	Molecular assessment of wild populations in the marine realm: Importance of taxonomic, seasonal and habitat patterns in environmental monitoring. *Science of the Total Environment*, **2019**, 654, 250-263	10.2	10
59	Streptococcus dysgalactiae subsp. dysgalactiae isolated from milk of the bovine udder as emerging pathogens: In vitro and in vivo infection of human cells and zebrafish as biological models. *MicrobiologyOpen*, **2019**, 8, e00623	3.4	10
58	Protein profiling as early detection biomarkers for TiO nanoparticle toxicity in Daphnia magna. *Ecotoxicology*, **2018**, 27, 430-439	2.9	9
57	Effect of handling, confinement and crowding in HSP70 production in Pachygrapsus marmoratus, a model species for climate change experiments. *Journal of Sea Research*, **2012**, 72, 64-68	1.9	9
56	Effects of ECF-Kraft pulp mill effluent treated with fungi (Rhizopus oryzae) on reproductive steroids and liver CYP1A of exposed goldfish (Carassius auratus). *Ecotoxicology*, **2009**, 18, 1011-7	2.9	9
55	A novel (18)O inverse labeling-based workflow for accurate bottom-up mass spectrometry quantification of proteins separated by gel electrophoresis. *Electrophoresis*, **2010**, 31, 3407-19	3.6	9
54	High thermal tolerance does not protect from chronic warming □A multiple end-point approach using a tropical gastropod, Stramonita haemastoma. *Ecological Indicators*, **2018**, 91, 626-635	5.8	8
53	Physiological resilience of a temperate soft coral to ocean warming and acidification. *Cell Stress and Chaperones*, **2018**, 23, 1093-1100	4	8
52	Bis(o-methylserotonin)-containing iridium(III) and ruthenium(II) complexes as new cellular imaging dyes: synthesis, applications, and photophysical and computational studies. *Journal of Biological Inorganic Chemistry*, **2013**, 18, 679-92	3.7	8
51	Speeding up the screening of steroids in urine: development of a user-friendly library. *Steroids*, **2013**, 78, 1226-32	2.8	8
50	Adipocyte proteome and secretome influence inflammatory and hormone pathways in glioma. *Metabolic Brain Disease*, **2019**, 34, 141-152	3.9	8

49	Physiological effects of cymothoid parasitization in the fish host Pomatoschistus microps (Krøyer, 1838) under increasing ocean temperatures. *Ecological Indicators*, **2018**, 95, 176-182	5.8	7
48	Physiological and biochemical thermal stress response of the intertidal rock goby Gobius paganellus. *Ecological Indicators*, **2014**, 46, 232-239	5.8	7
47	Ultrasonic multiprobe as a new tool to overcome the bottleneck of throughput in workflows for protein identification relaying on ultrasonic energy. *Talanta*, **2010**, 81, 55-62	6.2	7
46	Can ultrasonic energy efficiently speed (18)O-labeling of proteins?. *Proteomics*, **2009**, 9, 4974-7	4.8	7
45	Warming enhances lanthanum accumulation and toxicity promoting cellular damage in glass eels (Anguilla anguilla). *Environmental Research*, **2020**, 191, 110051	7.9	7
44	Molecular mechanisms linking environmental toxicants to cancer development: Significance for protective interventions with polyphenols. *Seminars in Cancer Biology*, **2020**,	12.7	6
43	Matrix-assisted laser desorption/ionisation time of flight spectrometry for the fast screening of oxosteroids using aromatic hydrated hydrazines as versatile probes. *Talanta*, **2012**, 100, 262-9	6.2	6
42	Sea warming affects bream (Sparus aurata) tissues and stress proteins (HSP70). *Microscopy and Microanalysis*, **2013**, 19, 83-84	0.5	6
41	Efficacy assessment of peracetic acid in the removal of synthetic 17α-ethinyl estradiol contraceptive hormone in wastewater. *Journal of Environmental Sciences*, **2020**, 89, 1-8	6.4	6
40	Reduced impact of ocean acidification on growth and swimming performance of newly hatched tropical sharks (Chiloscyllium plagiosum). *Marine and Freshwater Behaviour and Physiology*, **2018**, 51, 347-357	1.1	6
39	Seasonal changes in stress biomarkers of an exotic coastal species - Chaetopleura angulata (Polyplacophora) - Implications for biomonitoring. *Marine Pollution Bulletin*, **2017**, 120, 401-408	6.7	5
38	Analytical evidence of heterogeneous lead accumulation in the hypothalamic defence area and nucleus tractus solitarius. *NeuroToxicology*, **2014**, 44, 91-7	4.4	5
37	Ultrasonic-based protein quantitation by (18) O-labeling: optimization and comparison between different procedures. *Rapid Communications in Mass Spectrometry*, **2011**, 25, 75-87	2.2	5
36	Lack of oxidative damage on temperate juvenile catsharks after a long-term ocean acidification exposure. *Marine Biology*, **2020**, 167, 1	2.5	5
35	Different sensitivity to heatwaves across the life cycle of fish reflects phenotypic adaptation to environmental niche. *Marine Environmental Research*, **2020**, 162, 105192	3.3	5
34	The use of peracetic acid for estrogen removal from urban wastewaters: E2 as a case study. *Environmental Monitoring and Assessment*, **2020**, 192, 114	3.1	4
33	Versatile Schiff-base hydrazone fluorescent receptors: Synthesis, spectroscopy and complexation studies. *Inorganica Chimica Acta*, **2012**, 380, 40-49	2.7	4
32	Impact of a secondary treated bleached Kraft pulp mill effluent in both sexes of goldfish (Carassius auratus L.). *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2010**, 45, 1858-65	2.3	4

31	Effects of exposure to arsenic in Corbicula fluminea: Evaluation of the histological, histochemical and biochemical responses. *Ciencias Marinas*, **2008**, 34, 307-316	1.7	4
30	Effects of elevated carbon dioxide on the hematological parameters of a temperate catshark. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, **2020**, 333, 126-132	1.9	4
29	Small pelagics in a changing ocean: biological responses of sardine early stages to warming **2016**, 4, cow017		3
28	Novel methodology for quick detection of bacterial metabolites **2019**,		3
27	Dithiothreitol-based protein equalization technology to unravel biomarkers for bladder cancer. *Talanta*, **2018**, 180, 36-46	6.2	3
26	Conserved fatty acid profiles and lipid metabolic pathways in a tropical reef fish exposed to ocean warming - An adaptation mechanism of tolerant species?. *Science of the Total Environment*, **2021**, 782, 146738	10.2	3
25	Determination of target biogenic amines in fish by GC-MS: investigating seafood quality. *Annals of Medicine*, **2019**, 51, 73-73	1.5	2
24	Are seaweeds the food of the future? Challenges for its conservation and introduction in the Portuguese diet. *Annals of Medicine*, **2019**, 51, 169-169	1.5	2
23	Toxicity study of new metal nanoparticles functionalized with fluorescein derivatives as novel image systems. *Microscopy and Microanalysis*, **2013**, 19, 25-26	0.5	2
22	Seasonal proteome variation in intertidal shrimps under a natural setting: Connecting molecular networks with environmental fluctuations. *Science of the Total Environment*, **2020**, 703, 134957	10.2	2
21	Impaired antioxidant defenses and DNA damage in the European glass eel (Anguilla anguilla) exposed to ocean warming and acidification. *Science of the Total Environment*, **2021**, 774, 145499	10.2	2
20	Fast and Direct Detection of Biogenic Amines in Fish by GC-IMS Technology **2019**,		1
19	Effects of exposure to oxide nanoparticles (Al2O3and ZnO) singly and mixtures onCarassius auratusgills. *Microscopy and Microanalysis*, **2015**, 21, 18-19	0.5	1
18	Evaluation of the Sub-lethal Toxicity of Bleached Kraft Pulp Mill Effluent to Carassius auratus and Dicentrarchus labrax. *Water, Air, and Soil Pollution*, **2011**, 217, 35-45	2.6	1
17	Arsenic Accumulation, Compartmentation, and Complexation in Arthrocnemum indicum **2020**, 707-716		1
16	Synthesis of glutathione as a central aspect of PAH toxicity in liver cells: A comparison between phenanthrene, Benzo[b]Fluoranthene and their mixtures. *Ecotoxicology and Environmental Safety*, **2021**, 208, 111637	7	1
15	Marine Fish Primary Hepatocyte Isolation and Culture: New Insights to Enzymatic Dissociation Pancreatin Digestion. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	1
14	Mapping the distribution of mercury (II) chloride in zebrafish organs by benchtop micro-energy dispersive X-ray fluorescence: A proof of concept. *Journal of Trace Elements in Medicine and Biology*, **2022**, 69, 126874	4.1	0

13	Warming in shallow waters: Seasonal response of stress biomarkers in a tide pool fish. *Estuarine, Coastal and Shelf Science*, **2021**, 251, 107187	2.9	0
12	Salinity shapes the stress responses and energy reserves of marine polychaetes exposed to warming: From molecular to functional phenotypes. *Science of the Total Environment*, **2021**, 795, 148634	10.2	0
11	Does Predation Exacerbate the Risk of Endosymbiont Loss in Heat Stressed Hermatypic Corals? Molecular Cues Provide Insights Into Species-Specific Health Outcomes in a Multi-Stressor Ocean.. *Frontiers in Physiology*, **2022**, 13, 801672	4.6	0
10	Assessment of deep eutectic solvents toxicity in zebrafish (Danio rerio).. *Chemosphere*, **2022**, 299, 134418	8.4	0
9	A triple threat: ocean warming, acidification and rare earth elements exposure triggers a superior antioxidant response and pigment production in the adaptable Ulva rigida. *Environmental Advances*, **2022**, 100235	3.5	0
8	Single and combined ecotoxicological effects of ocean warming, acidification and lanthanum exposure on the surf clam (Spisula solida).. *Chemosphere*, **2022**, 302, 134850	8.4	0
7	Evaluation of the Biocontrol Potential of a Commercial Yeast Starter against Fuel-Ethanol Fermentation Contaminants. *Fermentation*, **2022**, 8, 233	4.7	0
6	Present and future invasion perspectives of an alien shrimp in South Atlantic coastal waters: an experimental assessment of functional biomarkers and thermal tolerance. *Biological Invasions*, **2019**, 21, 1567-1584	2.7	
5	Histological and biochemical effects of exposure to TiO2 nanoparticles in livers of two freshwater fish species: Carassius auratus and Danio rerio. *Microscopy and Microanalysis*, **2013**, 19, 51-52	0.5	
4	TiO2 nanoparticles intake by fish gill cells following exposure. *Microscopy and Microanalysis*, **2013**, 19, 71-72	0.5	
3	Are squid statoliths hollow during embryogenesis?. *Microscopy and Microanalysis*, **2013**, 19, 89-90	0.5	
2	Chemical Contaminants in a Changing Ocean **2019**, 25-41		
1	Multi-agent System for Mass Spectrometry Analysis. *Advances in Intelligent and Soft Computing*, **2010**, 87-95		