Mario Diniz

List of Publications by Year
in descending order

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156 papers	4,386 citations	94381 37 h-index	149623 56 g-index
160 all docs	160 docs citations	160 times ranked	5161 citing authors

#	Article	IF	Citations
1	Influence of temperature in thermal and oxidative stress responses in estuarine fish. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 166, 237-243.	0.8	254
2	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.	2.6	222
3	Histological biomarkers in liver and gills of juvenile Solea senegalensis exposed to contaminated estuarine sediments: A weighted indices approach. Aquatic Toxicology, 2009, 92, 202-212.	1.9	144
4	Vulnerability to climate warming and acclimation capacity of tropical and temperate coastal organisms. Ecological Indicators, 2016, 62, 317-327.	2.6	132
5	Ecotoxicity of ketoprofen, diclofenac, atenolol and their photolysis byproducts in zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	103
6	Overview on modern approaches to speed up protein identification workflows relying on enzymatic cleavage and mass spectrometry-based techniques. Analytica Chimica Acta, 2009, 650, 151-159.	2.6	93
7	Oxidative Stress and Digestive Enzyme Activity of Flatfish Larvae in a Changing Ocean. PLoS ONE, 2015, 10, e0134082.	1.1	87
8	Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. Nanotoxicology, 2014, 8, 521-532.	1.6	83
9	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.	1.1	83
10	Oxidative stress and histological changes following exposure to diamond nanoparticles in the freshwater Asian clam Corbicula fluminea (MÃ¼ller, 1774). Journal of Hazardous Materials, 2015, 284, 27-34.	6.5	79
11	Are fish in hot water? Effects of warming on oxidative stress metabolism in the commercial species Sparus aurata. Ecological Indicators, 2016, 63, 324-331.	2.6	79
12	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, 10-14.	1.1	72
13	Thermal acclimation in clownfish: An integrated biomarker response and multi-tissue experimental approach. Ecological Indicators, 2016, 71, 280-292.	2.6	69
14	Biological treatment of the effluent from a bleached kraft pulp mill using basidiomycete and zygomycete fungi. Science of the Total Environment, 2009, 407, 3282-3289.	3.9	66
15	Single and combined effects of aluminum (Al2O3) and zinc (ZnO) oxide nanoparticles in a freshwater fish, Carassius auratus. Environmental Science and Pollution Research, 2016, 23, 24578-24591.	2.7	60
16	Ecophysiological responses of juvenile seabass (Dicentrarchus labrax) exposed to increased temperature and dietary methylmercury. Science of the Total Environment, 2017, 586, 551-558.	3.9	58
17	Integrated multi-biomarker responses of juvenile seabass to diclofenac, warming and acidification co-exposure. Aquatic Toxicology, 2018, 202, 65-79.	1.9	58
18	Bioaccumulation and elimination of mercury in juvenile seabass (Dicentrarchus labrax) in a warmer environment. Environmental Research, 2016, 149, 77-85.	3.7	57

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19	Differential behavioural responses to venlafaxine exposure route, warming and acidification in juvenile fish (Argyrosomus regius). Science of the Total Environment, 2018, 634, 1136-1147.	3.9	57
20	Bioavailability of cadmium and biochemical responses on the freshwater bivalve Corbicula fluminea â€“ the role of TiO2 nanoparticles. Ecotoxicology and Environmental Safety, 2014, 109, 161-168.	2.9	56
21	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.	0.7	55
22	Effects of diamond nanoparticle exposure on the internal structure and reproduction of Daphnia magna. Journal of Hazardous Materials, 2011, 186, 265-271.	6.5	52
23	HSP70 production patterns in coastal and estuarine organisms facing increasing temperatures. Journal of Sea Research, 2012, 73, 137-147.	0.6	50
24	Histopathological alterations, physiological limits, and molecular changes of juvenile Sparus aurata in response to thermal stress. Marine Ecology - Progress Series, 2014, 505, 253-266.	0.9	47
25	When warming hits harder: survival, cellular stress and thermal limits of Sparus aurata larvae under global change. Marine Biology, 2016, 163, 1.	0.7	47
26	Estrogenic effects in crucian carp (Carassius carassius) exposed to treated sewage effluent. Ecotoxicology and Environmental Safety, 2005, 62, 427-435.	2.9	46
27	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, 129-139.	3.9	45
28	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.	0.7	45
29	Neuro-oxidative damage and aerobic potential loss of sharks under elevated CO2 and warming. Marine Biology, 2016, 163, 1.	0.7	44
30	Liver Alterations in Two Freshwater Fish Species (Carassius auratusandDanio rerio) Following Exposure to Different TiO₂Nanoparticle Concentrations. Microscopy and Microanalysis, 2013, 19, 1131-1140.	0.2	42
31	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, 107-115.	0.8	42
32	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.	0.6	42
33	Effect of temperature in multiple biomarkers of oxidative stress in coastal shrimp. Journal of Thermal Biology, 2014, 41, 38-42.	1.1	40
34	Thermal stress and energy metabolism in two circumtropical decapod crustaceans: Responses to acute temperature events. Marine Environmental Research, 2018, 141, 148-158.	1.1	40
35	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.	3.7	39
36	Thermal tolerance of the crab Pachygrapsus marmoratus: intraspecific differences at a physiological (CTMax) and molecular level (Hsp70). Cell Stress and Chaperones, 2012, 17, 707-716.	1.2	38

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37	New rhodamine dimer probes for mercury detection via color changes and enhancement of the fluorescence emission: Fast recognition inÂcellulose supported devices. Dyes and Pigments, 2014, 101, 156-163.	2.0	38
38	Accumulation, elimination and neuro-oxidative damage under lanthanum exposure in glass eels (Anguilla anguilla). Chemosphere, 2018, 206, 414-423.	4.2	38
39	Ocean cleaning stations under a changing climate: biological responses of tropical and temperate fishâ€cleaner shrimp to global warming. Global Change Biology, 2014, 20, 3068-3079.	4.2	37
40	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.	0.9	36
41	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.	2.6	36
42	Oxidative stress on scleractinian coral fragments following exposure to high temperature and low salinity. Ecological Indicators, 2019, 107, 105586.	2.6	36
43	A Characterization of Selected Endocrine Disruptor Compounds in a Portuguese Wastewater Treatment Plant. Environmental Monitoring and Assessment, 2006, 118, 75-87.	1.3	34
44	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, .	1.3	34
45	Environmental health assessment of warming coastal ecosystems in the tropics â€“ Application of integrative physiological indices. Science of the Total Environment, 2018, 643, 28-39.	3.9	34
46	Evidence of one-way flow bioaccumulation of gold nanoparticles across two trophic levels. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	33
47	Ocean warming alters cellular metabolism and induces mortality in fish early life stages: A proteomic approach. Environmental Research, 2016, 148, 164-176.	3.7	32
48	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.	1.1	31
49	Metabolic and histopathological alterations in the marine bivalve Mytilus galloprovincialis induced by chronic exposure to acrylamide. Environmental Research, 2014, 135, 55-62.	3.7	30
50	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.	1.2	30
51	Modelling metallothionein induction in the liver of Sparus aurata exposed to metal-contaminated sediments. Ecotoxicology and Environmental Safety, 2008, 71, 117-124.	2.9	29
52	Assessing the estrogenic potency in a Portuguese wastewater treatment plant using an integrated approach. Journal of Environmental Sciences, 2010, 22, 1613-1622.	3.2	28
53	Thermal stress, thermal safety margins and acclimation capacity in tropical shallow watersâ€”An experimental approach testing multiple end-points in two common fish. Ecological Indicators, 2017, 81, 146-158.	2.6	28
54	Long-term exposure to increasing temperatures on scleractinian coral fragments reveals oxidative stress. Marine Environmental Research, 2019, 150, 104758.	1.1	28

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55	Critical thermal maxima of common rocky intertidal fish and shrimps â€" A preliminary assessment. Journal of Sea Research, 2013, 81, 10-12.	0.6	27
56	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, 21-28.	1.1	27
57	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, 2471-2480.	5.3	26
58	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.	0.8	26
59	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.	1.3	26
60	Bioaccumulation and ecotoxicological responses of juvenile white seabream (Diplodus sargus) exposed to triclosan, warming and acidification. Environmental Pollution, 2019, 245, 427-442.	3.7	26
61	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.	0.6	25
62	Histopathological findings on Carassius auratus hepatopancreas upon exposure to acrylamide: correlation with genotoxicity and metabolic alterations. Journal of Applied Toxicology, 2014, 34, 1293-1302.	1.4	25
63	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.	0.6	24
64	Molecular mechanisms linking environmental toxicants to cancer development: Significance for protective interventions with polyphenols. Seminars in Cancer Biology, 2022, 80, 118-144.	4.3	24
65	Effects of carcinogenic versus non-carcinogenic AHR-active PAHs and their mixtures: Lessons from ecological relevance. Environmental Research, 2015, 138, 101-111.	3.7	23
66	Integrative indices for health assessment in reef corals under thermal stress. Ecological Indicators, 2020, 113, 106230.	2.6	23
67	Absence of cellular damage in tropical newly hatched sharks (Chiloscyllium plagiosum) under ocean acidification conditions. Cell Stress and Chaperones, 2018, 23, 837-846.	1.2	22
68	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (Argyrosomus) Tj ETQq0 0 0 rgBT /Overlock 10	4.2	22
69	In-situ production of Histamine-imprinted polymeric materials for electrochemical monitoring of fish. Sensors and Actuators B: Chemical, 2020, 311, 127902.	4.0	22
70	Toxicity Evaluation of Quantum Dots (ZnS and CdS) Singly and Combined in Zebrafish (Danio rerio). International Journal of Environmental Research and Public Health, 2020, 17, 232.	1.2	21
71	Toxicokinetics of Waterborne Trivalent Arsenic in the Freshwater Bivalve Corbicula fluminea. Archives of Environmental Contamination and Toxicology, 2009, 57, 338-347.	2.1	20
72	Octocorals in a changing environment: Seasonal response of stress biomarkers in natural populations of Veretillum cynomorium. Journal of Sea Research, 2015, 103, 120-128.	0.6	20

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73	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.	0.8	20
74	Physiological resilience of a temperate soft coral to ocean warming and acidification. Cell Stress and Chaperones, 2018, 23, 1093-1100.	1.2	20
75	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.	0.6	19
76	Synthesis of functionalized fluorescent silver nanoparticles and their toxicological effect in aquatic environments (Goldfish) and HEPG2 cells. Frontiers in Chemistry, 2013, 1, 29.	1.8	19
77	A multi-integrated approach on toxicity effects of engineered TiO2 nanoparticles. Frontiers of Environmental Science and Engineering, 2015, 9, 793-803.	3.3	19
78	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.	3.8	19
79	Different sensitivity to heatwaves across the life cycle of fish reflects phenotypic adaptation to environmental niche. Marine Environmental Research, 2020, 162, 105192.	1.1	19
80	Metallothionein responses in the Asiatic clam (Corbicula fluminea) after exposure to trivalent arsenic. Biomarkers, 2007, 12, 589-598.	0.9	18
81	Toxicological effects and bioaccumulation in the freshwater clam (Corbicula fluminea) following exposure to trivalent arsenic. Environmental Toxicology, 2007, 22, 502-509.	2.1	17
82	Effects of tertiary treatment by fungi on organic compounds in a kraft pulp mill effluent. Environmental Science and Pollution Research, 2010, 17, 866-874.	2.7	17
83	May sediment contamination be xenoestrogenic to benthic fish? A case study with Solea senegalensis. Marine Environmental Research, 2014, 99, 170-178.	1.1	17
84	Characterization of antiproliferative potential and biological targets of a copper compound containing 4â€²-phenyl terpyridine. Journal of Biological Inorganic Chemistry, 2015, 20, 935-948.	1.1	17
85	Adipocyte proteome and secretome influence inflammatory and hormone pathways in glioma. Metabolic Brain Disease, 2019, 34, 141-152.	1.4	17
86	Warming enhances lanthanum accumulation and toxicity promoting cellular damage in glass eels (Anguilla anguilla). Environmental Research, 2020, 191, 110051.	3.7	17
87	Umami free amino acids in edible green, red, and brown seaweeds from the Portuguese seashore. Journal of Applied Phycology, 2020, 32, 3331-3339.	1.5	17
88	Tissue Localization and Distribution of As and Al in the Halophyte Tamarix gallica under Controlled Conditions. Frontiers in Marine Science, 2016, 3, .	1.2	16
89	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.	3.9	16
90	Unravelling the role of ultrasonic energy in the enhancement of enzymatic kinetics. Journal of Molecular Catalysis B: Enzymatic, 2012, 74, 9-15.	1.8	15

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91	Assessment of Essential Elements and Heavy Metals Content on Mytilus galloprovincialis from River Tagus Estuary. Biological Trace Element Research, 2014, 159, 233-240.	1.9	15
92	Biocontrol of Brettanomyces/Dekkera bruxellensis in alcoholic fermentations using saccharomycin-overproducing Saccharomyces cerevisiae strains. Applied Microbiology and Biotechnology, 2019, 103, 3073-3083.	1.7	15
93	Transgenerational exposure to ocean acidification induces biochemical distress in a keystone amphipod species (Gammarus locusta). Environmental Research, 2019, 170, 168-177.	3.7	15
94	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.	1.8	14
95	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, 115-122.	1.5	14
96	Redispersion and Self-Assembly of C₆₀ Fullerene in Water and Toluene. ACS Omega, 2017, 2, 2368-2373.	1.6	14
97	Protein profiling as early detection biomarkers for TiO2 nanoparticle toxicity in Daphnia magna. Ecotoxicology, 2018, 27, 430-439.	1.1	14
98	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.	2.9	14
99	Efficacy assessment of peracetic acid in the removal of synthetic 17Î±-ethinyl estradiol contraceptive hormone in wastewater. Journal of Environmental Sciences, 2020, 89, 1-8.	3.2	13
100	Is the stress response affected by season? Clues from an in situ study with a key intertidal shrimp. Marine Biology, 2016, 163, 1.	0.7	12
101	High thermal tolerance does not protect from chronic warming â€“ A multiple end-point approach using a tropical gastropod, Stramonita haemastoma. Ecological Indicators, 2018, 91, 626-635.	2.6	12
102	Changes in metabolic pathways of Desulfovibrio alaskensis G20 cells induced by molybdate excess. Journal of Biological Inorganic Chemistry, 2015, 20, 311-322.	1.1	11
103	Conserved fatty acid profiles and lipid metabolic pathways in a tropical reef fish exposed to ocean warming â€“ An adaptation mechanism of tolerant species?. Science of the Total Environment, 2021, 782, 146738.	3.9	11
104	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, 1011-1017.	1.1	10
105	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.	0.6	10
106	A novel ¹⁸O inverse labelingâ€based workflow for accurate bottomâ€up mass spectrometry quantification of proteins separated by gel electrophoresis. Electrophoresis, 2010, 31, 3407-3419.	1.3	9
107	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.	2.9	9
108	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, 679-692.	1.1	9

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109	Speeding up the screening of steroids in urine: Development of a user-friendly library. Steroids, 2013, 78, 1226-1232.	0.8	9
110	The use of peracetic acid for estrogen removal from urban wastewaters: E2 as a case study. Environmental Monitoring and Assessment, 2020, 192, 114.	1.3	9
111	Single and combined ecotoxicological effects of ocean warming, acidification and lanthanum exposure on the surf clam (Spisula solida). Chemosphere, 2022, 302, 134850.	4.2	9
112	Physiological and biochemical thermal stress response of the intertidal rock goby Gobius paganellus. Ecological Indicators, 2014, 46, 232-239.	2.6	8
113	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.	0.4	8
114	Physiological effects of cymothoid parasitization in the fish host Pomatoschistus microps (KrÃ¸yer,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	8
115	Lack of oxidative damage on temperate juvenile catsharks after a long-term ocean acidification exposure. Marine Biology, 2020, 167, 1.	0.7	8
116	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.	3.9	8
117	Can ultrasonic energy efficiently speed ¹⁸Oâ€labeling of proteins?. Proteomics, 2009, 9, 4974-4977.	1.3	7
118	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, 262-269.	2.9	7
119	Marine Fish Primary Hepatocyte Isolation and Culture: New Insights to Enzymatic Dissociation Pancreatin Digestion. International Journal of Environmental Research and Public Health, 2021, 18, 1380.	1.2	7
120	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.	3.9	7
121	Assessment of deep eutectic solvents toxicity in zebrafish (Danio rerio). Chemosphere, 2022, 299, 134415.	4.2	7
122	Sea warming affects bream (Sparus aurata) tissues and stress proteins (HSP70). Microscopy and Microanalysis, 2013, 19, 83-84.	0.2	6
123	Analytical evidence of heterogeneous lead accumulation in the hypothalamic defence area and nucleus tractus solitarius. NeuroToxicology, 2014, 44, 91-97.	1.4	6
124	Dithiothreitol-based protein equalization technology to unravel biomarkers for bladder cancer. Talanta, 2018, 180, 36-46.	2.9	6
125	Seasonal proteome variation in intertidal shrimps under a natural setting: Connecting molecular networks with environmental fluctuations. Science of the Total Environment, 2020, 703, 134957.	3.9	6
126	Impact of a secondary treated bleached Kraft pulp mill effluent in both sexes of goldfish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 T Environmental Engineering, 2010, 45, 1858-1865.	0.9	5

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127	Ultrasonicâ€based protein quantitation by ¹⁸Oâ€labeling: optimization and comparison between different procedures. Rapid Communications in Mass Spectrometry, 2011, 25, 75-87.	0.7	5
128	Versatile Schiff-base hydrazone fluorescent receptors: Synthesis, spectroscopy and complexation studies. Inorganica Chimica Acta, 2012, 380, 40-49.	1.2	5
129	Small pelagics in a changing ocean: biological responses of sardine early stages to warming. , 2016, 4, cow017.		5
130	Seasonal changes in stress biomarkers of an exotic coastal species â€“ Chaetopleura angulata (Polyplacophora) â€“ Implications for biomonitoring. Marine Pollution Bulletin, 2017, 120, 401-408.	2.3	5
131	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.	0.9	5
132	Fast and Direct Detection of Biogenic Amines in Fish by GC-IMS Technology. , 2019, , .		4
133	Warming in shallow waters: Seasonal response of stress biomarkers in a tide pool fish. Estuarine, Coastal and Shelf Science, 2021, 251, 107187.	0.9	4
134	Effects of exposure to arsenic in Corbicula fluminea: Evaluation of the histological, histochemical and biochemical responses. Ciencias Marinas, 2008, 34, 307-316.	0.4	4
135	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.	1.1	3
136	Novel methodology for quick detection of bacterial metabolites. , 2019, , .		3
137	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.	1.5	3
138	Toxicity study of new metal nanoparticles functionalized with fluorescein derivatives as novel image systems. Microscopy and Microanalysis, 2013, 19, 25-26.	0.2	2
139	Are seaweeds the food of the future? Challenges for its conservation and introduction in the Portuguese diet. Annals of Medicine, 2024, 51, 169-169.	1.5	2
140	Determination of target biogenic amines in fish by GC-MS: investigating seafood quality. Annals of Medicine, 2024, 51, 73-73.	1.5	2
141	Arsenic Accumulation, Compartmentation, and Complexation in Arthrocnemum indicum. , 2020, , 707-716.		2
142	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.	1.3	2
143	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.	2.2	2
144	Evaluation of the Biocontrol Potential of a Commercial Yeast Starter against Fuel-Ethanol Fermentation Contaminants. Fermentation, 2022, 8, 233.	1.4	2

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145	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.	0.2	1
146	Effects of exposure to oxide nanoparticles (Al2O3and ZnO) singly and mixtures onCarassius auratusgills. Microscopy and Microanalysis, 2015, 21, 18-19.	0.2	1
147	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.	1.2	1
148	TiO2 nanoparticles intake by fish gill cells following exposure. Microscopy and Microanalysis, 2013, 19, 71-72.	0.2	0
149	Are squid statoliths hollow during embryogenesis?. Microscopy and Microanalysis, 2013, 19, 89-90.	0.2	0
150	Molecular assessment of wild populations across marine taxa: importance of taxonomic, seasonal and habitat patterns in environmental monitoring. Annals of Medicine, 2024, 51, 79-79.	1.5	0
151	Biochemical responses in Danio rerio following exposure to CdS and ZnS Quantum Dots. Annals of Medicine, 2024, 51, 71-71.	1.5	0
152	Assessment of HSP70 and catalase in Brachidontes rodriguezii (dâ€™Orbigny, 1842) a mussel from the Argentinean coast. Annals of Medicine, 2024, 51, 77-77.	1.5	0
153	Assessment of fish quality: the Quality Index Method versus HPLC analysis in Sarda sarda (Bloch, 1793). Annals of Medicine, 2024, 51, 74-74.	1.5	0
154	Antioxidant enzymes, HSP70 and Ubiquitin levels in Laeonereis acuta from the Argentinean coast. Annals of Medicine, 2024, 51, 75-76.	1.5	0
155	New Emissive Rhodamine Dimer Probes for Mercury Detection in Solution, Gas Phase and Cellulose Supported Devices. , 0, , .		0
156	Chemical Contaminants in a Changing Ocean. , 2019, , 25-41.		0