

Mario Diniz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Mapping the distribution of mercury (II) chloride in zebrafish organs by benchtop micro-energy dispersive X-ray fluorescence: A proof of concept. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022 , 69, 126874	4.1	0
155	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.. <i>Frontiers in Physiology</i> , 2022 , 13, 801672	4.6	0
154	Assessment of deep eutectic solvents toxicity in zebrafish (Danio rerio).. <i>Chemosphere</i> , 2022 , 299, 134418	4.4	0
153	A triple threat: ocean warming, acidification and rare earth elements exposure triggers a superior antioxidant response and pigment production in the adaptable <i>Ulva rigida</i> . <i>Environmental Advances</i> , 2022 , 100235	3.5	0
152	Single and combined ecotoxicological effects of ocean warming, acidification and lanthanum exposure on the surf clam (<i>Spisula solida</i>).. <i>Chemosphere</i> , 2022 , 302, 134850	8.4	0
151	Evaluation of the Biocontrol Potential of a Commercial Yeast Starter against Fuel-Ethanol Fermentation Contaminants. <i>Fermentation</i> , 2022 , 8, 233	4.7	0
150	Warming in shallow waters: Seasonal response of stress biomarkers in a tide pool fish. <i>Estuarine, Coastal and Shelf Science</i> , 2021 , 251, 107187	2.9	0
149	Impaired antioxidant defenses and DNA damage in the European glass eel (<i>Anguilla anguilla</i>) exposed to ocean warming and acidification. <i>Science of the Total Environment</i> , 2021 , 774, 145499	10.2	2
148	Synthesis of glutathione as a central aspect of PAH toxicity in liver cells: A comparison between phenanthrene, Benzo[b]Fluoranthene and their mixtures. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111637	7	1
147	Marine Fish Primary Hepatocyte Isolation and Culture: New Insights to Enzymatic Dissociation Pancreatin Digestion. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
146	Conserved fatty acid profiles and lipid metabolic pathways in a tropical reef fish exposed to ocean warming - An adaptation mechanism of tolerant species?. <i>Science of the Total Environment</i> , 2021 , 782, 146738	10.2	3
145	Salinity shapes the stress responses and energy reserves of marine polychaetes exposed to warming: From molecular to functional phenotypes. <i>Science of the Total Environment</i> , 2021 , 795, 148634	10.2	0
144	Umami free amino acids in edible green, red, and brown seaweeds from the Portuguese seashore. <i>Journal of Applied Phycology</i> , 2020 , 32, 3331-3339	3.2	10
143	Integrative indices for health assessment in reef corals under thermal stress. <i>Ecological Indicators</i> , 2020 , 113, 106230	5.8	11
142	In-situ production of Histamine-imprinted polymeric materials for electrochemical monitoring of fish. <i>Sensors and Actuators B: Chemical</i> , 2020 , 311, 127902	8.5	13
141	Molecular mechanisms linking environmental toxicants to cancer development: Significance for protective interventions with polyphenols. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	6
140	The use of peracetic acid for estrogen removal from urban wastewaters: E2 as a case study. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 114	3.1	4

139	Arsenic Accumulation, Compartmentation, and Complexation in <i>Arthrocnemum indicum</i> 2020 , 707-716		1
138	Efficacy assessment of peracetic acid in the removal of synthetic 17 β -ethinyl estradiol contraceptive hormone in wastewater. <i>Journal of Environmental Sciences</i> , 2020 , 89, 1-8	6.4	6
137	Effects of elevated carbon dioxide on the hematological parameters of a temperate catshark. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2020 , 333, 126-132	1.9	4
136	Seasonal proteome variation in intertidal shrimps under a natural setting: Connecting molecular networks with environmental fluctuations. <i>Science of the Total Environment</i> , 2020 , 703, 134957	10.2	2
135	Warming enhances lanthanum accumulation and toxicity promoting cellular damage in glass eels (<i>Anguilla anguilla</i>). <i>Environmental Research</i> , 2020 , 191, 110051	7.9	7
134	Lack of oxidative damage on temperate juvenile catsharks after a long-term ocean acidification exposure. <i>Marine Biology</i> , 2020 , 167, 1	2.5	5
133	Different sensitivity to heatwaves across the life cycle of fish reflects phenotypic adaptation to environmental niche. <i>Marine Environmental Research</i> , 2020 , 162, 105192	3.3	5
132	Present and future invasion perspectives of an alien shrimp in South Atlantic coastal waters: an experimental assessment of functional biomarkers and thermal tolerance. <i>Biological Invasions</i> , 2019 , 21, 1567-1584	2.7	
131	Assessment of fish quality: the Quality Index Method versus HPLC analysis in <i>Sarda sarda</i> (Bloch, 1793). <i>Annals of Medicine</i> , 2019 , 51, 74-74	1.5	78
130	Antioxidant enzymes, HSP70 and Ubiquitin levels in <i>Laeonereis acuta</i> from the Argentinean coast. <i>Annals of Medicine</i> , 2019 , 51, 75-76	1.5	78
129	Determination of target biogenic amines in fish by GC-MS: investigating seafood quality. <i>Annals of Medicine</i> , 2019 , 51, 73-73	1.5	2
128	Fast and Direct Detection of Biogenic Amines in Fish by GC-IMS Technology 2019 ,		1
127	Biocontrol of <i>Brettanomyces/Dekkera bruxellensis</i> in alcoholic fermentations using saccharomycin-overproducing <i>Saccharomyces cerevisiae</i> strains. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 3073-3083	5.7	10
126	Molecular assessment of wild populations across marine taxa: importance of taxonomic, seasonal and habitat patterns in environmental monitoring. <i>Annals of Medicine</i> , 2019 , 51, 79-79	1.5	78
125	Novel methodology for quick detection of bacterial metabolites 2019 ,		3
124	Long-term exposure to increasing temperatures on scleractinian coral fragments reveals oxidative stress. <i>Marine Environmental Research</i> , 2019 , 150, 104758	3.3	10
123	Are seaweeds the food of the future? Challenges for its conservation and introduction in the Portuguese diet. <i>Annals of Medicine</i> , 2019 , 51, 169-169	1.5	2
122	Biochemical responses in <i>Danio rerio</i> following exposure to CdS and ZnS Quantum Dots. <i>Annals of Medicine</i> , 2019 , 51, 71-71	1.5	78

121	Assessment of HSP70 and catalase in <i>Brachidontes rodriguezii</i> (D'Orbigny, 1842) a mussel from the Argentinean coast. <i>Annals of Medicine</i> , 2019 , 51, 77-77	1.5	78
120	Oxidative stress on scleractinian coral fragments following exposure to high temperature and low salinity. <i>Ecological Indicators</i> , 2019 , 107, 105586	5.8	14
119	Chemical Contaminants in a Changing Ocean 2019 , 25-41		
118	Toxicity Evaluation of Quantum Dots (ZnS and CdS) Singly and Combined in Zebrafish (<i>Danio rerio</i>). <i>International Journal of Environmental Research and Public Health</i> , 2019 , 17,	4.6	12
117	Transgenerational exposure to ocean acidification induces biochemical distress in a keystone amphipod species (<i>Gammarus locusta</i>). <i>Environmental Research</i> , 2019 , 170, 168-177	7.9	10
116	Molecular assessment of wild populations in the marine realm: Importance of taxonomic, seasonal and habitat patterns in environmental monitoring. <i>Science of the Total Environment</i> , 2019 , 654, 250-263	10.2	10
115	Bioaccumulation and ecotoxicological responses of juvenile white seabream (<i>Diplodus sargus</i>) exposed to triclosan, warming and acidification. <i>Environmental Pollution</i> , 2019 , 245, 427-442	9.3	13
114	Living in a multi-stressors environment: An integrated biomarker approach to assess the ecotoxicological response of meagre (<i>Argyrosomus regius</i>) to venlafaxine, warming and acidification. <i>Environmental Research</i> , 2019 , 169, 7-25	7.9	27
113	Adipocyte proteome and secretome influence inflammatory and hormone pathways in glioma. <i>Metabolic Brain Disease</i> , 2019 , 34, 141-152	3.9	8
112	<i>Streptococcus dysgalactiae</i> subsp. <i>dysgalactiae</i> isolated from milk of the bovine udder as emerging pathogens: In vitro and in vivo infection of human cells and zebrafish as biological models. <i>MicrobiologyOpen</i> , 2019 , 8, e00623	3.4	10
111	Differential behavioural responses to venlafaxine exposure route, warming and acidification in juvenile fish (<i>Argyrosomus regius</i>). <i>Science of the Total Environment</i> , 2018 , 634, 1136-1147	10.2	39
110	High thermal tolerance does not protect from chronic warming – A multiple end-point approach using a tropical gastropod, <i>Stramonita haemastoma</i> . <i>Ecological Indicators</i> , 2018 , 91, 626-635	5.8	8
109	Protein profiling as early detection biomarkers for TiO nanoparticle toxicity in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2018 , 27, 430-439	2.9	9
108	Absence of cellular damage in tropical newly hatched sharks (<i>Chiloscyllium plagiosum</i>) under ocean acidification conditions. <i>Cell Stress and Chaperones</i> , 2018 , 23, 837-846	4	15
107	Physiological effects of cymothoid parasitization in the fish host <i>Pomatoschistus microps</i> (Krøyer, 1838) under increasing ocean temperatures. <i>Ecological Indicators</i> , 2018 , 95, 176-182	5.8	7
106	Negative synergistic impacts of ocean warming and acidification on the survival and proteome of the commercial sea bream, <i>Sparus aurata</i> . <i>Journal of Sea Research</i> , 2018 , 139, 50-61	1.9	26
105	Accumulation, elimination and neuro-oxidative damage under lanthanum exposure in glass eels (<i>Anguilla anguilla</i>). <i>Chemosphere</i> , 2018 , 206, 414-423	8.4	24
104	Physiological resilience of a temperate soft coral to ocean warming and acidification. <i>Cell Stress and Chaperones</i> , 2018 , 23, 1093-1100	4	8

103	Dithiothreitol-based protein equalization technology to unravel biomarkers for bladder cancer. <i>Talanta</i> , 2018 , 180, 36-46	6.2	3
102	Reduced impact of ocean acidification on growth and swimming performance of newly hatched tropical sharks (<i>Chiloscyllium plagiosum</i>). <i>Marine and Freshwater Behaviour and Physiology</i> , 2018 , 51, 347-357	1.1	6
101	Thermal stress and energy metabolism in two circumtropical decapod crustaceans: Responses to acute temperature events. <i>Marine Environmental Research</i> , 2018 , 141, 148-158	3.3	17
100	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (<i>Argyrosomus regius</i>) exposed to warming and acidification conditions. <i>Chemosphere</i> , 2018 , 209, 286-297	8.4	16
99	Integrated multi-biomarker responses of juvenile seabass to diclofenac, warming and acidification co-exposure. <i>Aquatic Toxicology</i> , 2018 , 202, 65-79	5.1	36
98	Environmental health assessment of warming coastal ecosystems in the tropics - Application of integrative physiological indices. <i>Science of the Total Environment</i> , 2018 , 643, 28-39	10.2	24
97	Ecophysiological responses of juvenile seabass (<i>Dicentrarchus labrax</i>) exposed to increased temperature and dietary methylmercury. <i>Science of the Total Environment</i> , 2017 , 586, 551-558	10.2	40
96	Seasonal changes in stress biomarkers of an exotic coastal species - <i>Chaetopleura angulata</i> (Polyplacophora) - Implications for biomonitoring. <i>Marine Pollution Bulletin</i> , 2017 , 120, 401-408	6.7	5
95	<i>Saccharomyces cerevisiae</i> accumulates GAPDH-derived peptides on its cell surface that induce death of non- <i>Saccharomyces</i> yeasts by cell-to-cell contact. <i>FEMS Microbiology Ecology</i> , 2017 , 93,	4.3	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. <i>Ecological Indicators</i> , 2017 , 81, 146-158	5.8	16
93	Redispersion and Self-Assembly of C Fullerene in Water and Toluene. <i>ACS Omega</i> , 2017 , 2, 2368-2373	3.9	11
92	Comparing biomarker responses during thermal acclimation: A lethal vs non-lethal approach in a tropical reef clownfish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017 , 204, 104-112	2.6	14
91	Molecular Plasticity under Ocean Warming: Proteomics and Fitness Data Provides Clues for a Better Understanding of the Thermal Tolerance in Fish. <i>Frontiers in Physiology</i> , 2017 , 8, 825	4.6	11
90	Thermal acclimation in clownfish: An integrated biomarker response and multi-tissue experimental approach. <i>Ecological Indicators</i> , 2016 , 71, 280-292	5.8	42
89	Single and combined effects of aluminum (AlO) and zinc (ZnO) oxide nanoparticles in a freshwater fish, <i>Carassius auratus</i> . <i>Environmental Science and Pollution Research</i> , 2016 , 23, 24578-24591	5.1	39
88	Small pelagics in a changing ocean: biological responses of sardine early stages to warming 2016 , 4, cow017		3
87	Vulnerability to climate warming and acclimation capacity of tropical and temperate coastal organisms. <i>Ecological Indicators</i> , 2016 , 62, 317-327	5.8	79
86	Is the stress response affected by season? Clues from an in situ study with a key intertidal shrimp. <i>Marine Biology</i> , 2016 , 163, 1	2.5	10

85	Are fish in hot water? Effects of warming on oxidative stress metabolism in the commercial species <i>Sparus aurata</i> . <i>Ecological Indicators</i> , 2016 , 63, 324-331	5.8	48
84	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. <i>Materials Science and Engineering C</i> , 2016 , 59, 1069-1078	8.3	14
83	Tissue Localization and Distribution of As and Al in the Halophyte <i>Tamarix gallica</i> under Controlled Conditions. <i>Frontiers in Marine Science</i> , 2016 , 3,	4.5	11
82	Bioaccumulation and elimination of mercury in juvenile seabass (<i>Dicentrarchus labrax</i>) in a warmer environment. <i>Environmental Research</i> , 2016 , 149, 77-85	7.9	50
81	Ocean warming alters cellular metabolism and induces mortality in fish early life stages: A proteomic approach. <i>Environmental Research</i> , 2016 , 148, 164-176	7.9	23
80	When warming hits harder: survival, cellular stress and thermal limits of <i>Sparus aurata</i> larvae under global change. <i>Marine Biology</i> , 2016 , 163, 1	2.5	25
79	Neuro-oxidative damage and aerobic potential loss of sharks under elevated CO ₂ and warming. <i>Marine Biology</i> , 2016 , 163, 1	2.5	31
78	Physiological, cellular and biochemical thermal stress response of intertidal shrimps with different vertical distributions: <i>Palaemon elegans</i> and <i>Palaemon serratus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015 , 183, 107-15	2.6	26
77	A multi-integrated approach on toxicity effects of engineered TiO ₂ nanoparticles. <i>Frontiers of Environmental Science and Engineering</i> , 2015 , 9, 793-803	5.8	15
76	Characterization of antiproliferative potential and biological targets of a copper compound containing 4'-phenyl terpyridine. <i>Journal of Biological Inorganic Chemistry</i> , 2015 , 20, 935-48	3.7	16
75	Octocorals in a changing environment: Seasonal response of stress biomarkers in natural populations of <i>Veretillum cynomorium</i> . <i>Journal of Sea Research</i> , 2015 , 103, 120-128	1.9	18
74	Changes in metabolic pathways of <i>Desulfovibrio alaskensis</i> G20 cells induced by molybdate excess. <i>Journal of Biological Inorganic Chemistry</i> , 2015 , 20, 311-22	3.7	10
73	Oxidative stress and histological changes following exposure to diamond nanoparticles in the freshwater Asian clam <i>Corbicula fluminea</i> (Müller, 1774). <i>Journal of Hazardous Materials</i> , 2015 , 284, 27-34 ^{12.8}	12.8	64
72	Ecotoxicity of ketoprofen, diclofenac, atenolol and their photolysis byproducts in zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2015 , 505, 282-9	10.2	80
71	Effects of exposure to oxide nanoparticles (Al ₂ O ₃ and ZnO) singly and mixtures on <i>Carassius auratus</i> gills. <i>Microscopy and Microanalysis</i> , 2015 , 21, 18-19	0.5	1
70	Oxidative Stress and Digestive Enzyme Activity of Flatfish Larvae in a Changing Ocean. <i>PLoS ONE</i> , 2015 , 10, e0134082	3.7	63
69	Effects of carcinogenic versus non-carcinogenic AHR-active PAHs and their mixtures: lessons from ecological relevance. <i>Environmental Research</i> , 2015 , 138, 101-11	7.9	16
68	Ocean cleaning stations under a changing climate: biological responses of tropical and temperate fish-cleaner shrimp to global warming. <i>Global Change Biology</i> , 2014 , 20, 3068-79	11.4	24

67	Histopathological findings on <i>Carassius auratus</i> hepatopancreas upon exposure to acrylamide: correlation with genotoxicity and metabolic alterations. <i>Journal of Applied Toxicology</i> , 2014 , 34, 1293-302	4.1	12
66	New rhodamine dimer probes for mercury detection via color changes and enhancement of the fluorescence emission: Fast recognition in cellulose supported devices. <i>Dyes and Pigments</i> , 2014 , 101, 156-163	4.6	36
65	Evidence of one-way flow bioaccumulation of gold nanoparticles across two trophic levels. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	30
64	Physiological and biochemical thermal stress response of the intertidal rock goby <i>Gobius paganellus</i> . <i>Ecological Indicators</i> , 2014 , 46, 232-239	5.8	7
63	Assessment of essential elements and heavy metals content on <i>Mytilus galloprovincialis</i> from river Tagus estuary. <i>Biological Trace Element Research</i> , 2014 , 159, 233-40	4.5	10
62	Metabolic and histopathological alterations in the marine bivalve <i>Mytilus galloprovincialis</i> induced by chronic exposure to acrylamide. <i>Environmental Research</i> , 2014 , 135, 55-62	7.9	23
61	Effect of increasing temperature in the differential activity of oxidative stress biomarkers in various tissues of the Rock goby, <i>Gobius paganellus</i> . <i>Marine Environmental Research</i> , 2014 , 97, 10-4	3.3	48
60	Effect of temperature in multiple biomarkers of oxidative stress in coastal shrimp. <i>Journal of Thermal Biology</i> , 2014 , 41, 38-42	2.9	31
59	A novel quinoline molecular probe and the derived functionalized gold nanoparticles: sensing properties and cytotoxicity studies in MCF-7 human breast cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2014 , 137, 115-22	4.2	12
58	Synergy of environmental variables alters the thermal window and heat shock response: an experimental test with the crab <i>Pachygrapsus marmoratus</i> . <i>Marine Environmental Research</i> , 2014 , 98, 21-8	3.3	22
57	Analytical evidence of heterogeneous lead accumulation in the hypothalamic defence area and nucleus tractus solitarius. <i>NeuroToxicology</i> , 2014 , 44, 91-7	4.4	5
56	Role of thermal niche in the cellular response to thermal stress: Lipid peroxidation and HSP70 expression in coastal crabs. <i>Ecological Indicators</i> , 2014 , 36, 601-606	5.8	31
55	Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. <i>Nanotoxicology</i> , 2014 , 8, 521-32	5.3	69
54	Histopathological alterations, physiological limits, and molecular changes of juvenile <i>Sparus aurata</i> in response to thermal stress. <i>Marine Ecology - Progress Series</i> , 2014 , 505, 253-266	2.6	39
53	Bioavailability of cadmium and biochemical responses on the freshwater bivalve <i>Corbicula fluminea</i> —the role of TiO ₂ nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 109, 161-8	7	47
52	May sediment contamination be xenoestrogenic to benthic fish? A case study with <i>Solea senegalensis</i> . <i>Marine Environmental Research</i> , 2014 , 99, 170-8	3.3	16
51	Ecophysiology of native and alien-invasive clams in an ocean warming context. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014 , 175, 28-37	2.6	21
50	Developmental and physiological challenges of octopus (<i>Octopus vulgaris</i>) early life stages under ocean warming. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014 , 184, 55-64	2.2	40

49	Bis(o-methylserotonin)-containing iridium(III) and ruthenium(II) complexes as new cellular imaging dyes: synthesis, applications, and photophysical and computational studies. <i>Journal of Biological Inorganic Chemistry</i> , 2013 , 18, 679-92	3.7	8
48	Oxidative stress in deep scattering layers: Heat shock response and antioxidant enzymes activities of myctophid fishes thriving in oxygen minimum zones. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013 , 82, 10-16	2.5	20
47	Influence of temperature in thermal and oxidative stress responses in estuarine fish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013 , 166, 237-43	2.6	179
46	Toxicity study of new metal nanoparticles functionalized with fluorescein derivatives as novel image systems. <i>Microscopy and Microanalysis</i> , 2013 , 19, 25-26	0.5	2
45	Speeding up the screening of steroids in urine: development of a user-friendly library. <i>Steroids</i> , 2013 , 78, 1226-32	2.8	8
44	Liver alterations in two freshwater fish species (<i>Carassius auratus</i> and <i>Danio rerio</i>) following exposure to different TiO ₂ nanoparticle concentrations. <i>Microscopy and Microanalysis</i> , 2013 , 19, 1131-40	0.5	30
43	Hypoxia tolerance and antioxidant defense system of juvenile jumbo squids in oxygen minimum zones. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 95, 209-217	2.3	15
42	Coral physiological adaptations to air exposure: Heat shock and oxidative stress responses in <i>Veretillum cynomorium</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2013 , 439, 35-41	2.1	33
41	Critical thermal maxima of common rocky intertidal fish and shrimps: A preliminary assessment. <i>Journal of Sea Research</i> , 2013 , 81, 10-12	1.9	21
40	Histological and biochemical effects of exposure to TiO ₂ nanoparticles in livers of two freshwater fish species: <i>Carassius auratus</i> and <i>Danio rerio</i> . <i>Microscopy and Microanalysis</i> , 2013 , 19, 51-52	0.5	
39	TiO ₂ nanoparticles intake by fish gill cells following exposure. <i>Microscopy and Microanalysis</i> , 2013 , 19, 71-72	0.5	
38	Are squid statoliths hollow during embryogenesis?. <i>Microscopy and Microanalysis</i> , 2013 , 19, 89-90	0.5	
37	Sea warming affects bream (<i>Sparus aurata</i>) tissues and stress proteins (HSP70). <i>Microscopy and Microanalysis</i> , 2013 , 19, 83-84	0.5	6
36	Synthesis of functionalized fluorescent silver nanoparticles and their toxicological effect in aquatic environments (Goldfish) and HEPG2 cells. <i>Frontiers in Chemistry</i> , 2013 , 1, 29	5	12
35	Unravelling the role of ultrasonic energy in the enhancement of enzymatic kinetics. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 74, 9-15		15
34	Effect of handling, confinement and crowding in HSP70 production in <i>Pachygrapsus marmoratus</i> , a model species for climate change experiments. <i>Journal of Sea Research</i> , 2012 , 72, 64-68	1.9	9
33	Effect of temperature on oxidative stress in fish: Lipid peroxidation and catalase activity in the muscle of juvenile seabass, <i>Dicentrarchus labrax</i> . <i>Ecological Indicators</i> , 2012 , 23, 274-279	5.8	169
32	HSP70 production patterns in coastal and estuarine organisms facing increasing temperatures. <i>Journal of Sea Research</i> , 2012 , 73, 137-147	1.9	41

31	Thermal tolerance of the crab <i>Pachygrapsus marmoratus</i> : intraspecific differences at a physiological (CTMax) and molecular level (Hsp70). <i>Cell Stress and Chaperones</i> , 2012 , 17, 707-16	4	32
30	Matrix-assisted laser desorption/ionisation time of flight spectrometry for the fast screening of oxosteroids using aromatic hydrated hydrazines as versatile probes. <i>Talanta</i> , 2012 , 100, 262-9	6.2	6
29	Versatile Schiff-base hydrazone fluorescent receptors: Synthesis, spectroscopy and complexation studies. <i>Inorganica Chimica Acta</i> , 2012 , 380, 40-49	2.7	4
28	Impact of climate change on coastal versus estuarine nursery areas: cellular and whole-animal indicators in juvenile seabass <i>Dicentrarchus labrax</i> . <i>Marine Ecology - Progress Series</i> , 2012 , 464, 237-243	2.6	34
27	Ocean warming enhances malformations, premature hatching, metabolic suppression and oxidative stress in the early life stages of a keystone squid. <i>PLoS ONE</i> , 2012 , 7, e38282	3.7	62
26	Evaluation of the Sub-lethal Toxicity of Bleached Kraft Pulp Mill Effluent to <i>Carassius auratus</i> and <i>Dicentrarchus labrax</i> . <i>Water, Air, and Soil Pollution</i> , 2011 , 217, 35-45	2.6	1
25	Ultrasonic-based protein quantitation by (18) O-labeling: optimization and comparison between different procedures. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 75-87	2.2	5
24	Synthesis and photophysical studies of two luminescent chemosensors based on catechol and 8-Hydroxyquinoline chromophores, and their complexes with group 13 metal ions. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 831-835	3.1	14
23	Effects of diamond nanoparticle exposure on the internal structure and reproduction of <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2011 , 186, 265-71	12.8	46
22	Impact of a secondary treated bleached Kraft pulp mill effluent in both sexes of goldfish (<i>Carassius auratus</i> L.). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010 , 45, 1858-65	2.3	4
21	Ultrasonic multiprobe as a new tool to overcome the bottleneck of throughput in workflows for protein identification relaying on ultrasonic energy. <i>Talanta</i> , 2010 , 81, 55-62	6.2	7
20	A description of chloride cell and kidney tubule alterations in the flatfish <i>Solea senegalensis</i> exposed to moderately contaminated sediments from the Sado estuary (Portugal). <i>Journal of Sea Research</i> , 2010 , 64, 465-472	1.9	21
19	Effects of tertiary treatment by fungi on organic compounds in a kraft pulp mill effluent. <i>Environmental Science and Pollution Research</i> , 2010 , 17, 866-74	5.1	16
18	Assessing the estrogenic potency in a Portuguese wastewater treatment plant using an integrated approach. <i>Journal of Environmental Sciences</i> , 2010 , 22, 1613-22	6.4	22
17	A novel (18)O inverse labeling-based workflow for accurate bottom-up mass spectrometry quantification of proteins separated by gel electrophoresis. <i>Electrophoresis</i> , 2010 , 31, 3407-19	3.6	9
16	Multi-agent System for Mass Spectrometry Analysis. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 87-95		
15	Biochemical endpoints on juvenile <i>Solea senegalensis</i> exposed to estuarine sediments: the effect of contaminant mixtures on metallothionein and CYP1A induction. <i>Ecotoxicology</i> , 2009 , 18, 988-1000	2.9	29
14	Effects of ECF-Kraft pulp mill effluent treated with fungi (<i>Rhizopus oryzae</i>) on reproductive steroids and liver CYP1A of exposed goldfish (<i>Carassius auratus</i>). <i>Ecotoxicology</i> , 2009 , 18, 1011-7	2.9	9

13	Toxicokinetics of waterborne trivalent arsenic in the freshwater bivalve <i>Corbicula fluminea</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2009 , 57, 338-47	3.2	16
12	Can ultrasonic energy efficiently speed (18)O-labeling of proteins?. <i>Proteomics</i> , 2009 , 9, 4974-7	4.8	7
11	Overview on modern approaches to speed up protein identification workflows relying on enzymatic cleavage and mass spectrometry-based techniques. <i>Analytica Chimica Acta</i> , 2009 , 650, 151-9	6.6	81
10	The effectiveness of a biological treatment with <i>Rhizopus oryzae</i> and of a photo-Fenton oxidation in the mitigation of toxicity of a bleached kraft pulp mill effluent. <i>Water Research</i> , 2009 , 43, 2471-80	12.5	25
9	Histological biomarkers in liver and gills of juvenile <i>Solea senegalensis</i> exposed to contaminated estuarine sediments: a weighted indices approach. <i>Aquatic Toxicology</i> , 2009 , 92, 202-12	5.1	120
8	Biological treatment of the effluent from a bleached kraft pulp mill using basidiomycete and zygomycete fungi. <i>Science of the Total Environment</i> , 2009 , 407, 3282-9	10.2	55
7	Modelling metallothionein induction in the liver of <i>Sparus aurata</i> exposed to metal-contaminated sediments. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 117-24	7	28
6	Effects of exposure to arsenic in <i>Corbicula fluminea</i> : Evaluation of the histological, histochemical and biochemical responses. <i>Ciencias Marinas</i> , 2008 , 34, 307-316	1.7	4
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4	Metallothionein responses in the Asiatic clam (<i>Corbicula fluminea</i>) after exposure to trivalent arsenic. <i>Biomarkers</i> , 2007 , 12, 589-98	2.6	16
3	A characterization of selected endocrine disruptor compounds in a Portuguese wastewater treatment plant. <i>Environmental Monitoring and Assessment</i> , 2006 , 118, 75-87	3.1	32
2	Estrogenic effects in crucian carp (<i>Carassius carassius</i>) exposed to treated sewage effluent. <i>Ecotoxicology and Environmental Safety</i> , 2005 , 62, 427-35	7	41
1	Comparative study of the estrogenic responses of mirror carp (<i>Cyprinus carpio</i>) exposed to treated municipal sewage effluent (Lisbon) during two periods in different seasons. <i>Science of the Total Environment</i> , 2005 , 349, 129-39	10.2	39