MÃ¡rio Pacheco

List of Publications by Year
in descending order

149 papers	5,548 citations	61984 43 h-index	102487 66 g-index
154 all docs	154 docs citations	154 times ranked	5305 citing authors

#	Article	IF	Citations
1	Biotransformation, genotoxic, and histopathological effects of environmental contaminants in European eel (Anguilla anguilla L.). Ecotoxicology and Environmental Safety, 2002, 53, 331-347.	6.0	234
2	Oxidative stress and genotoxic effects in gill and kidney of Anguilla anguilla L. exposed to chromium with or without pre-exposure to Î²-naphthoflavone. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 608, 16-28.	1.7	151
3	Contamination assessment of a coastal lagoon (Ria de Aveiro, Portugal) using defence and damage biochemical indicators in gill of Liza aurata â€“ An integrated biomarker approach. Environmental Pollution, 2009, 157, 959-967.	7.5	135
4	Biotransformation, Endocrine, and Genetic Responses of Anguilla anguilla L. to Petroleum Distillate Products and Environmentally Contaminated Waters. Ecotoxicology and Environmental Safety, 2001, 49, 64-75.	6.0	130
5	Induction of Liver EROD and Erythrocytic Nuclear Abnormalities by Cyclophosphamide and PAHs inAnguilla anguillaL.. Ecotoxicology and Environmental Safety, 1998, 40, 71-76.	6.0	126
6	Insights into the mechanisms underlying mercury-induced oxidative stress in gills of wild fish (Liza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Environment, 2016, 548-549, 13-24.	8.0	126
7	Enzymatic and nonenzymatic antioxidants as an adaptation to phagocyte-induced damage in Anguilla anguilla L. following in situ harbor water exposure. Ecotoxicology and Environmental Safety, 2004, 57, 290-302.	6.0	121
8	European eel (Anguilla anguilla) genotoxic and pro-oxidant responses following short-term exposure to Roundup(R)--a glyphosate-based herbicide. Mutagenesis, 2010, 25, 523-530.	2.6	118
9	Unravelling the mechanisms of mercury hepatotoxicity in wild fish (Liza aurata) through a triad approach: bioaccumulation, metabolomic profiles and oxidative stress. Metallomics, 2015, 7, 1352-1363.	2.4	108
10	DNA damage in fish (Anguilla anguilla) exposed to a glyphosate-based herbicide â€“ Elucidation of organ-specificity and the role of oxidative stress. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 743, 1-9.	1.7	104
11	Organ specific antioxidant responses in golden grey mullet (Liza aurata) following a short-term exposure to phenanthrene. Science of the Total Environment, 2008, 396, 70-78.	8.0	100
12	Erythrocytic nuclear abnormalities in wild and caged fish (Liza aurata) along an environmental mercury contamination gradient. Ecotoxicology and Environmental Safety, 2008, 70, 411-421.	6.0	99
13	Induction of EROD Activity and Genotoxic Effects by Polycyclic Aromatic Hydrocarbons and Resin Acids on the Juvenile Eel (Anguilla anguillaL.). Ecotoxicology and Environmental Safety, 1997, 38, 252-259.	6.0	98
14	The Comet Assay and its applications in the field of ecotoxicology: a mature tool that continues to expand its perspectives. Frontiers in Genetics, 2015, 6, 180.	2.3	95
15	Anguilla anguilla L. oxidative stress biomarkers responses to copper exposure with or without Î²-naphthoflavone pre-exposure. Chemosphere, 2005, 61, 267-275.	8.2	90
16	Mercury distribution in key tissues of fish (Liza aurata) inhabiting a contaminated estuaryâ€”implications for human and ecosystem health risk assessment. Journal of Environmental Monitoring, 2009, 11, 1004.	2.1	90
17	Inside the Redbox: Applications of haematology in wildlife monitoring and ecosystem health assessment. Science of the Total Environment, 2015, 514, 322-332.	8.0	90
18	Modulation of glutathione and its related enzymes in plantsâ€™ responses to toxic metals and metalloidsâ€”A review. Environmental and Experimental Botany, 2011, 75, 307-307.	4.2	84

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19	Anguilla anguilla L. oxidative stress biomarkers: An in situ study of freshwater wetland ecosystem (Pateira de Fermentelos, Portugal). Chemosphere, 2006, 65, 952-962.	8.2	83
20	Differential genotoxicity of RoundupÂ® formulation and its constituents in blood cells of fish (Anguilla anguilla): considerations on chemical interactions and DNA damaging mechanisms. Ecotoxicology, 2012, 21, 1381-1390.	2.4	82
21	Advances in understanding the mechanisms of mercury toxicity inÂwild golden grey mullet (Liza) Tj ETQq1 1 0.784314 rgBT /Overlock	7.5	80
22	Antioxidant and biotransformation responses in Liza aurata under environmental mercury exposure â€“ Relationship with mercury accumulation and implications for public health. Marine Pollution Bulletin, 2008, 56, 845-859.	5.0	79
23	Anguilla anguilla L. liver ethoxyresorufin O-deethylation, glutathione S-tranferase, erythrocytic nuclear abnormalities, and endocrine responses to naphthalene and Î²-naphthoflavone. Ecotoxicology and Environmental Safety, 2003, 55, 98-107.	6.0	77
24	Juvenile sea bass biotransformation, genotoxic and endocrine responses to Î²-naphthoflavone, 4-nonylphenol and 17Î²-estradiol individual and combined exposures. Chemosphere, 2004, 57, 147-158.	8.2	76
25	Cytochrome P4501A, genotoxic and stress responses in golden grey mullet (Liza aurata) following short-term exposure to phenanthrene. Chemosphere, 2007, 66, 1284-1291.	8.2	70
26	Combined use of environmental data and biomarkers in fish (Liza aurata) inhabiting a eutrophic and metal-contaminated coastal system â€“ Gills reflect environmental contamination. Marine Environmental Research, 2010, 69, 53-62.	2.5	70
27	Glutathione protects heavy metal-induced inhibition of hepatic microsomal ethoxyresorufin O-deethylase activity in Dicentrarchus labrax L.. Ecotoxicology and Environmental Safety, 2004, 58, 379-385.	6.0	65
28	Anguilla anguillaL. Stress Biomarkers Recovery in Clean Water and Secondary-Treated Pulp Mill Effluent. Ecotoxicology and Environmental Safety, 1996, 35, 96-100.	6.0	61
29	Biotransformation and Genotoxic Biomarkers in Mullet Species (LIZA SP.) From a Contaminated Coastal Lagoon (Ria De Aveiro, Portugal). Environmental Monitoring and Assessment, 2005, 107, 133-153.	2.7	60
30	European eel (Anguilla anguilla L.) metallothionein, endocrine, metabolic and genotoxic responses to copper exposure. Ecotoxicology and Environmental Safety, 2008, 70, 20-26.	6.0	60
31	Anguilla anguilla L. antioxidants responses to in situ bleached kraft pulp mill effluent outlet exposure. Environment International, 2004, 30, 301-308.	10.0	58
32	Biochemical responses of the shore crab (Carcinus maenas) in a eutrophic and metal-contaminated coastal system (Ã“bidos lagoon, Portugal). Ecotoxicology and Environmental Safety, 2009, 72, 1471-1480.	6.0	57
33	Biochemical and Genotoxic Responses of Adult Eel (Anguilla anguillaL.) to Resin Acids and Pulp Mill Effluent: Laboratory and Field Experiments. Ecotoxicology and Environmental Safety, 1999, 42, 81-93.	6.0	56
34	Brain as a critical target of mercury in environmentally exposed fish (Dicentrarchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (labrax	4.0	54
35	Sparus aurata L. liver EROD and GST activities, plasma cortisol, lactate, glucose and erythrocytic nuclear anomalies following short-term exposure either to 17Î²-estradiol (E2) or E2 combined with 4-nonylphenol. Science of the Total Environment, 2005, 336, 57-69.	8.0	53
36	Caenorhabditis elegansas a tool for environmental risk assessment: emerging and promising applications for a â€œnobelized wormâ€• Critical Reviews in Toxicology, 2019, 49, 411-429.	3.9	53

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37	Antioxidant system breakdown in brain of feral golden grey mullet (Liza aurata) as an effect of mercury exposure. Ecotoxicology, 2010, 19, 1034-1045.	2.4	52
38	Lipid peroxidation vs. antioxidant modulation in the bivalve Scrobicularia plana in response to environmental mercuryâ€"Organ specificities and age effect. Aquatic Toxicology, 2011, 103, 150-158.	4.0	51
39	Metallothioneins failed to reflect mercury external levels of exposure and bioaccumulation in marine fish â€“ Considerations on tissue and species specific responses. Chemosphere, 2011, 85, 114-121.	8.2	51
40	Inorganic mercury accumulation in brain following waterborne exposure elicits a deficit on the number of brain cells and impairs swimming behavior in fish (white seabreamâ€"Diplodus sargus). Aquatic Toxicology, 2016, 170, 400-412.	4.0	50
41	An effective and potentially safe blood disinfection protocol using tetrapyrrolic photosensitizers. Future Medicinal Chemistry, 2017, 9, 365-379.	2.3	50
42	Physiological and genetic responses of European eel (Anguilla anguilla L.) to short-term chromium or copper exposure?Influence of preexposure to a PAH-like compound. Environmental Toxicology, 2005, 20, 92-99.	4.0	48
43	Naphthalene and Î²-naphthoflavone effects on Anguilla anguilla L. hepatic metabolism and erythrocytic nuclear abnormalities. Environment International, 2002, 28, 285-293.	10.0	44
44	Wild juvenile Dicentrarchus labrax L. liver antioxidant and damage responses at Aveiro Lagoon, Portugal. Ecotoxicology and Environmental Safety, 2009, 72, 1861-1870.	6.0	44
45	DNA and chromosomal damage induced in fish (Anguilla anguilla L.) by aminomethylphosphonic acid (AMPA)â€"the major environmental breakdown product of glyphosate. Environmental Science and Pollution Research, 2014, 21, 8730-8739.	5.3	44
46	DNA damage and lipid peroxidation vs. protection responses in the gill of Dicentrarchus labrax L. from a contaminated coastal lagoon (Ria de Aveiro, Portugal). Science of the Total Environment, 2008, 406, 298-307.	8.0	42
47	Impact of Seasonal Fluctuations on the Sediment-Mercury, its Accumulation and Partitioning in Halimione portulacoides and Juncus maritimus Collected from Ria de Aveiro Coastal Lagoon (Portugal). Water, Air, and Soil Pollution, 2011, 222, 1-15.	2.4	41
48	Biotransformation, stress and genotoxic effects of 17Î²-estradiol in juvenile sea bass (Dicentrarchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	10.0	38
49	Metal accumulation and oxidative stress in Ulva sp. substantiated by response integration into a general stress index. Aquatic Toxicology, 2009, 91, 336-345.	4.0	38
50	Naphthalene-induced differential tissue damage association with circulating fish phagocyte induction. Ecotoxicology and Environmental Safety, 2003, 54, 7-15.	6.0	36
51	Endocrine and metabolic changes in Anguilla anguilla L. following exposure to Î²-naphthoflavoneâ€"a microsomal enzyme inducer. Environment International, 2005, 31, 99-104.	10.0	36
52	Evaluation of oxidative DNA lesions in plasma and nuclear abnormalities in erythrocytes of wild fish (Liza aurata) as an integrated approach to genotoxicity assessment. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 703, 83-89.	1.7	36
53	A multidimensional concept for mercury neuronal and sensory toxicity in fish - From toxicokinetics and biochemistry to morphometry and behavior. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 129298.	2.4	36
54	Nucella lapillus L. imposex levels after legislation prohibiting TBT antifoulants: temporal trends from 2003 to 2008 along the Portuguese coast. Journal of Environmental Monitoring, 2011, 13, 304-312.	2.1	33

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55	Fish eyes and brain as primary targets for mercury accumulation â€" A new insight on environmental risk assessment. Science of the Total Environment, 2014, 494-495, 290-298.	8.0	33
56	Hepatic metallothionein concentrations in the golden grey mullet (Liza aurata) â€" Relationship with environmental metal concentrations in a metal-contaminated coastal system in Portugal. Marine Environmental Research, 2010, 69, 227-233.	2.5	32
57	Propensity to metal accumulation and oxidative stress responses of two benthic species (Cerastoderma edule and Nephtys hombergii): are tolerance processes limiting their responsiveness?. Ecotoxicology, 2016, 25, 664-676.	2.4	32
58	Progression of DNA damage induced by a glyphosate-based herbicide in fish (Anguilla anguilla) upon exposure and post-exposure periods â€" Insights into the mechanisms of genotoxicity and DNA repair. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 166, 126-133.	2.6	31
59	Are DNA-damaging effects induced by herbicide formulations (RoundupÂ® and GarlonÂ®) in fish transient and reversible upon cessation of exposure?. Aquatic Toxicology, 2014, 155, 213-221.	4.0	31
60	Monitoring pollution of coastal lagoon using Liza aurata kidney oxidative stress and genetic endpoints: an integrated biomarker approach. Ecotoxicology, 2010, 19, 643-653.	2.4	30
61	Fish and mercury: Influence of fish fillet culinary practices on human risk. Food Control, 2016, 60, 575-581.	5.5	30
62	Imposex levels and tributyltin pollution in Ria de Aveiro (NW Portugal) between 1997 and 2007: evaluation of legislation effectiveness. Journal of Environmental Monitoring, 2009, 11, 1405.	2.1	29
63	Biotransformation modulation and genotoxicity in white seabream upon exposure to paralytic shellfish toxins produced by Gymnodinium catenatum. Aquatic Toxicology, 2012, 106-107, 42-47.	4.0	29
64	Combined effects of warming and acidification on accumulation and elimination dynamics of paralytic shellfish toxins in mussels Mytilus galloprovincialis. Environmental Research, 2018, 164, 647-654.	7.5	29
65	The relevance of temporal and organ specific factors on metals accumulation and biochemical effects in feral fish (Liza aurata) under a moderate contamination scenario. Ecotoxicology and Environmental Safety, 2010, 73, 805-816.	6.0	28
66	Fish thyroidal and stress responses in contamination monitoringâ€"An integrated biomarker approach. Ecotoxicology and Environmental Safety, 2011, 74, 1265-1270.	6.0	28
67	Responses of European eel (Anguilla anguilla L.) in two polluted environments: in situ experiments. Ecotoxicology and Environmental Safety, 2004, 58, 373-378.	6.0	27
68	Anguilla anguilla L. plasma cortisol, lactate and glucose responses to abietic acid, dehydroabietic acid and retene. Environment International, 2004, 29, 995-1000.	10.0	27
69	Evaluation of DNA Damage Induced by Environmental Exposure to Mercury in Liza aurata Using the Comet Assay. Archives of Environmental Contamination and Toxicology, 2010, 58, 112-122.	4.1	27
70	A new page on the road book of inorganic mercury in fish body â€" tissue distribution and elimination following waterborne exposure and post-exposure periods. Metallomics, 2015, 7, 525-535.	2.4	27
71	Endocrine and metabolic responses of Anguilla anguilla L. caged in a freshwaterâ€"wetland (Pateira de) Tj ETQq1 1 0.784314 rgBT /Ov	8.0	26
72	Mutagenicity of cyclophosphamide and kraft mill effluent and sediment on the eel Anguilla anguilla L.. Science of the Total Environment, 1995, 171, 127-130.	8.0	25

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73	Salt marsh macrophyte Phragmites australis strategies assessment for its dominance in mercury-contaminated coastal lagoon (Ria de Aveiro, Portugal). Environmental Science and Pollution Research, 2012, 19, 2879-2888.	5.3	25
74	Eriophorum angustifolium and Lolium perenne metabolic adaptations to metals- and metalloids-induced anomalies in the vicinity of a chemical industrial complex. Environmental Science and Pollution Research, 2013, 20, 568-581.	5.3	25
75	Tissue distribution and temperature-dependence of Anguilla anguilla L. EROD activity following exposure to model inducers and relationship with plasma cortisol, lactate and glucose levels. Environment International, 2001, 26, 149-155.	10.0	24
76	Complete and partial replacement of Artemia nauplii by Moina micrura during early postlarval culture of white shrimp (Litopenaeus schmitti). Aquaculture Nutrition, 2006, 12, 89-96.	2.7	23
77	Antioxidant Responses Versus DNA Damage and Lipid Peroxidation in Golden Grey Mullet Liver: A Field Study at Ria de Aveiro (Portugal). Archives of Environmental Contamination and Toxicology, 2010, 59, 454-463.	4.1	23
78	Mercury Organotropism in Feral European Sea Bass (Dicentrarchus labrax). Archives of Environmental Contamination and Toxicology, 2011, 61, 135-143.	4.1	23
79	Role of non-enzymatic antioxidants on the bivalves' adaptation to environmental mercury: Organ-specificities and age effect in Scrobicularia plana inhabiting a contaminated lagoon. Environmental Pollution, 2012, 163, 218-225.	7.5	23
80	Evaluation of Species-Specific Dissimilarities in Two Marine Fish Species: Mercury Accumulation as a Function of Metal Levels in Consumed Prey. Archives of Environmental Contamination and Toxicology, 2012, 63, 125-136.	4.1	22
81	Anchoring novel molecular biomarker responses to traditional responses in fish exposed to environmental contamination. Environmental Pollution, 2010, 158, 1783-1790.	7.5	21
82	Factors affecting RPSI in imposex monitoring studies using Nucella lapillus (L.) as bioindicator. Journal of Environmental Monitoring, 2010, 12, 1055.	2.1	21
83	Hydrobia ulvae imposex levels at Ria de Aveiro (NW Portugal) between 1998 and 2007: a counter-current bioindicator?. Journal of Environmental Monitoring, 2010, 12, 500-507.	2.1	21
84	Mercury contaminated systems under recovery can represent an increased risk to seafood human consumers â€“ A paradox depicted in bivalvesâ€™ body burdens. Food Chemistry, 2012, 133, 665-670.	8.2	21
85	Assessment of chromosomal damage induced by a deltamethrin-based insecticide in fish (Anguilla) Tj ETQq1 1 0.784314 rgBT /Overlo Physiology, 2014, 113, 40-46.	3.6	21
86	Unveiling the neurotoxicity of methylmercury in fish (Diplodus sargus) through a regional morphometric analysis of brain and swimming behavior assessment. Aquatic Toxicology, 2016, 180, 320-333.	4.0	21
87	Short-term effects of increased temperature and lowered pH on a temperate grazer-seaweed interaction (Littorina obtusata/Ascophyllum nodosum). Estuarine, Coastal and Shelf Science, 2017, 197, 35-44.	2.1	21
88	Responses of European eel (Anguilla anguilla L.) circulating phagocytes to an in situ closed pulp mill effluent exposure and its association with organ-specific peroxidative damage. Chemosphere, 2006, 63, 794-801.	8.2	20
89	Immunosuppression in the infaunal bivalve Scrobicularia plana environmentally exposed to mercury and association with its accumulation. Chemosphere, 2011, 82, 1541-1546.	8.2	20
90	Oxidative stress profiles in brain point out a higher susceptibility of fish to waterborne divalent mercury compared to dietary organic mercury. Marine Pollution Bulletin, 2017, 122, 110-121.	5.0	20

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91	Metal bioaccumulation and oxidative stress profiles in Ruditapes philippinarum â€“ insights towards its suitability as bioindicator of estuarine metal contamination. Ecological Indicators, 2018, 95, 1087-1099.	6.3	20
92	Juvenile sea bass (Dicentrarchus labrax L.) enzymatic and non-enzymatic antioxidant responses following 17Î²-estradiol exposure. Ecotoxicology, 2009, 18, 974-982.	2.4	19
93	Phytoplankton community-level bio-optical assessment in a naturally mercury contaminated Antarctic ecosystem (Deception Island). Marine Environmental Research, 2018, 140, 412-421.	2.5	19
94	Mild Effects of Sunscreen Agents on a Marine Flatfish: Oxidative Stress, Energetic Profiles, Neurotoxicity and Behaviour in Response to Titanium Dioxide Nanoparticles and Oxybenzone. International Journal of Molecular Sciences, 2021, 22, 1567.	4.1	19
95	Mercury accumulation patterns and biochemical endpoints in wild fish (Liza aurata): A multi-organ approach. Ecotoxicology and Environmental Safety, 2011, 74, 2225-2232.	6.0	18
96	Fish consumption and risk of contamination by mercury â€“ Considerations on the definition of edible parts based on the case study of European sea bass. Marine Pollution Bulletin, 2011, 62, 2850-2853.	5.0	17
97	Genotoxicity evaluation of the herbicide Garlon‹sup›Â®‹/sup› and its active ingredient (triclopyr) in fish (‹i›Anguilla anguilla‹/i› L.) using the comet assay. Environmental Toxicology, 2015, 30, 1073-1081.	4.0	17
98	Transcript profiling and DNA damage in the European eel (Anguilla anguilla L.) exposed to 7,12-dimethylbenz[a]anthracene. Aquatic Toxicology, 2009, 94, 123-130.	4.0	16
99	Bioaccumulation and biochemical markers in feral crab (‹i›Carcinus maenas‹/i›) exposed to moderate environmental contaminationâ€”The impact of nonâ€contaminationâ€related variables. Environmental Toxicology, 2011, 26, 524-540.	4.0	16
100	Evidences of DNA and chromosomal damage induced by the mancozeb-based fungicide MancozanÂ® in fish (Anguilla anguilla L.). Pesticide Biochemistry and Physiology, 2016, 133, 52-58.	3.6	16
101	DNA damage and oxidative stress responses of mussels Mytilus galloprovincialis to paralytic shellfish toxins under warming and acidification conditions â€“ Elucidation on the organ-specificity. Aquatic Toxicology, 2020, 228, 105619.	4.0	16
102	The ecotoxicological relevance of Anguilla anguilla L. as a proposed cytogenetic model for brackish-water genetic toxicological studies. Science of the Total Environment, 1993, 134, 817-822.	8.0	15
103	Mercury accumulation and tissue-specific antioxidant efficiency in the wild European sea bass (Dicentrarchus labrax) with emphasis on seasonality. Environmental Science and Pollution Research, 2014, 21, 10638-10651.	5.3	15
104	DNA of crayfish spermatozoa as a target of waterborne pesticides â€“ An ex vivo approach as a tool to short-term spermiotoxicity screening. Journal of Hazardous Materials, 2020, 400, 123300.	12.4	15
105	Golden grey mullet and sea bass oxidative DNA damage and clastogenic/aneugenic responses in a contaminated coastal lagoon. Ecotoxicology and Environmental Safety, 2010, 73, 1907-1913.	6.0	14
106	Daily availability of nutrients and metals in a eutrophic meso-tidal coastal lagoon (Ã“bidos lagoon,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.0	13
107	Environmental quality assessment combining sediment metal levels, biomarkers and macrobenthic communities: application to the Ã“bidos coastal lagoon (Portugal). Environmental Monitoring and Assessment, 2012, 184, 7141-7151.	2.7	13
108	Looking at the aquatic contamination through fish eyes â€“ A faithful picture based on metals burden. Marine Pollution Bulletin, 2013, 77, 375-379.	5.0	13

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109	Insights into neurosensory toxicity of mercury in fish eyes stemming from tissue burdens, oxidative stress and synaptic transmission profiles. Marine Environmental Research, 2016, 113, 70-79.	2.5	13
110	Mercury-Induced Chromosomal Damage in Wild Fish (Dicentrarchus labrax L.) Reflecting Aquatic Contamination in Contrasting Seasons. Archives of Environmental Contamination and Toxicology, 2012, 63, 554-562.	4.1	12
111	Addressing the impact of mercury estuarine contamination in the European eel (Anguilla anguilla L.,) Tj ETQq1 1 0.784314 rgBT /Over Pollution Bulletin, 2018, 127, 733-742.	5.0	12
112	Dietary Supplementation with the Red Seaweed Porphyra umbilicalis Protects against DNA Damage and Pre-Malignant Dysplastic Skin Lesions in HPV-Transgenic Mice. Marine Drugs, 2019, 17, 615.	4.6	12
113	Ozonated seawater induces genotoxicity and hematological alterations in turbot (Scophthalmus) Tj ETQq1 1 0.784314 rgBT /Overloc 318, 180-184.	3.5	11
114	Advances on assessing nanotoxicity in marine fish â€“ the pros and cons of combining an ex vivo approach and histopathological analysis in gills. Aquatic Toxicology, 2019, 217, 105322.	4.0	11
115	Organ-Specific Metabolome Deciphering Cell Pathways to Cope with Mercury in Wild Fish (Golden) Tj ETQq1 1 0.784314 rgBT /Overlo	2.3	11
116	EPR detection of paramagnetic chromium in liver of fish (Anguilla anguilla) treated with dichromate(VI) and associated oxidative stress responsesâ€"Contribution to elucidation of toxicity mechanisms. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 157, 132-140.	2.6	10
117	Trace elements in two marine fish species during estuarine residency: Non-essential versus essential. Marine Pollution Bulletin, 2012, 64, 2844-2848.	5.0	9
118	Red seaweeds Porphyra umbilicalis and Grateloupia turuturu display antigenotoxic and longevity-promoting potential in Drosophila melanogaster. European Journal of Phycology, 2019, 54, 519-530.	2.0	9
119	Marine macroalgae as a dietary source of genoprotection in gilthead seabream (Sparus aurata) against endogenous and exogenous challenges. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 219, 12-24.	2.6	9
120	Study of recovery after short-term exposure to kraft mill effluents of Anguilla Anguilla L.. Science of the Total Environment, 1993, 134, 1173-1178.	8.0	8
121	Anguilla anguilla L. Genotoxic responses after in situ exposure to freshwater wetland (Pateira de) Tj ETQq1 1 0.784314 rgBT /Overlock	10.0	8
122	Seasonal Liza aurata tissue-specific DNA integrity in a multi-contaminated coastal lagoon (Ria de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.0	8
123	Hydroxybenzoate paralytic shellfish toxins induce transient GST activity depletion and chromosomal damage in white seabream (Diplodus sargus). Marine Environmental Research, 2012, 79, 63-69.	2.5	8
124	The sub-cellular fate of mercury in the liver of wild mullets (Liza aurata) â€“ Contribution to the understanding of metal-induced cellular toxicity. Marine Pollution Bulletin, 2015, 95, 412-418.	5.0	8
125	Searching for antigenotoxic properties of marine macroalgae dietary supplementation against endogenous and exogenous challenges. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 939-956.	2.3	8
126	The role of contamination history and gender on the genotoxic responses of the crayfish Procambarus clarkii to a penoxsulam-based herbicide. Ecotoxicology, 2018, 27, 908-918.	2.4	8

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127	Native (Ruditapes decussatus) and non-indigenous (R.Âphilippinarum) shellfish species living in sympatry: Comparison of regulated and non-regulated biotoxins accumulation. Marine Environmental Research, 2017, 129, 147-155.	2.5	7
128	Brain morphometric profiles and their seasonal modulation in fish (Liza aurata) inhabiting a mercury contaminated estuary. Environmental Pollution, 2018, 237, 318-328.	7.5	7
129	Hg and Se composition in demersal deep-sea fish from the North-East Atlantic. Environmental Science and Pollution Research, 2020, 27, 33649-33657.	5.3	7
130	Metal accumulation and oxidative stress responses in Ulva spp. in the presence of nocturnal pulses of metals from sediment: A field transplantation experiment under eutrophic conditions. Marine Environmental Research, 2014, 94, 56-64.	2.5	6
131	Macroalgae-enriched diet protects gilthead seabream (Sparus aurata) against erythrocyte population instability and chromosomal damage induced by aqua-medicines. Journal of Applied Phycology, 2020, 32, 1477-1493.	2.8	6
132	Invasive clams (Ruditapes philippinarum) are better equipped to deal with harmful algal blooms toxins than native species (R. decussatus): evidence of species-specific toxicokinetics and DNA vulnerability. Science of the Total Environment, 2021, 767, 144887.	8.0	6
133	Secondary Metabolites from Marine Sources with Potential Use as Leads for Anticancer Applications. Molecules, 2021, 26, 4292.	3.8	6
134	Modulatory role of copper on Î²-naphthoflavone-induced DNA damage in European eel (Anguilla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	6.0	5
135	Red seaweeds strengthening the nexus between nutrition and health: phytochemical characterization and bioactive properties of Grateloupia turuturu and Porphyra umbilicalis extracts. Journal of Applied Phycology, 2021, 33, 3365-3381.	2.8	5
136	Mercuryâ€™s mitochondrial targeting with increasing age in Scrobicularia plana inhabiting a contaminated lagoon: Damage-protection dichotomy and organ specificities. Chemosphere, 2013, 92, 1231-1237.	8.2	4
137	Comparative genoprotection ability of wild-harvested vs. aqua-cultured Ulva rigida coupled with phytochemical profiling. European Journal of Phycology, 2021, 56, 105-118.	2.0	4
138	Intergenerational Patterns of DNA Methylation in Procambarus clarkii Following Exposure to Genotoxicants: A Conjugation in Past Simple or Past Continuous?. Toxics, 2021, 9, 271.	3.7	4
139	Metals(loids) targeting fish eyes and brain in a contaminated estuary - Uncovering neurosensory (un)susceptibility through bioaccumulation, antioxidant and morphometric profiles. Marine Environmental Research, 2018, 140, 403-411.	2.5	3
140	DNA and chromosomal damage in Senegalese sole (Solea senegalensis) as side effects of ozone-based water treatment - Contribution to optimization of fish-farming practices. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 219, 68-76.	2.6	3
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