

Lucia Guilhermino

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.

185
papers

10,625
citations

58
h-index

96
g-index

189
ext. papers

12,248
ext. citations

5.2
avg, IF

6.71
L-index

#	Paper	IF	Citations
185	Long-term effects of lithium and lithium-microplastic mixtures on the model species <i>Daphnia magna</i> : Toxicological interactions and implications to <i>One Health</i> . <i>Science of the Total Environment</i> , 2022 , 155934	10.2	0
184	Occurrence and seasonal variation of several endocrine disruptor compounds (pesticides, bisphenols, musks and UV-filters) in water and sediments from the estuaries of Tagus and Douro Rivers (NE Atlantic Ocean coast).. <i>Science of the Total Environment</i> , 2022 , 155814	10.2	1
183	Microplastics in fishes from an estuary (Minho River) ending into the NE Atlantic Ocean. <i>Marine Pollution Bulletin</i> , 2021 , 173, 113008	6.7	10
182	Effects of Nanoplastics, Lithium, and Their Mixtures on <i>Corbicula fluminea</i> : Preliminary Findings. <i>Advances in Science, Technology and Innovation</i> , 2021 , 279-282	0.3	0
181	Long-term adverse effects of microplastics on <i>Daphnia magna</i> reproduction and population growth rate at increased water temperature and light intensity: Combined effects of stressors and interactions. <i>Science of the Total Environment</i> , 2021 , 784, 147082	10.2	4
180	Polybrominated diphenyl ethers and their methoxylated congeners in Douro river estuary biota: Seasonal occurrence and risk assessment. <i>Science of the Total Environment</i> , 2021 , 790, 147916	10.2	0
179	Sustainable Fishing and Aquaculture Activities in the Atlantic Coast of the Portuguese North Region: Multi-Stakeholder Views as a Tool for Maritime Spatial Planning. <i>Sustainability</i> , 2021 , 13, 663	3.6	3
178	Sorption of okadaic acid lipophilic toxin onto plastics in seawater. <i>Marine Pollution Bulletin</i> , 2020 , 157, 111322	6.7	1
177	Bisphenol A and its analogs in muscle and liver of fish from the North East Atlantic Ocean in relation to microplastic contamination. Exposure and risk to human consumers. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122419	12.8	80
176	Insights on Ecotoxicological Effects of Microplastics in Marine Ecosystems: The EPHEMARE Project. <i>Springer Water</i> , 2020 , 12-19	0.3	
175	The genetic diversity of two invasive sympatric bivalves (<i>Corbicula fluminea</i> and <i>Dreissena polymorpha</i>) from Lakes Garda and Maggiore, Northern Italy. <i>Journal of Great Lakes Research</i> , 2020 , 46, 225-229	3	2
174	Microplastics in wild fish from North East Atlantic Ocean and its potential for causing neurotoxic effects, lipid oxidative damage, and human health risks associated with ingestion exposure. <i>Science of the Total Environment</i> , 2020 , 717, 134625	10.2	219
173	Are gold nanoparticles and microplastics mixtures more toxic to the marine microalgae <i>Tetraselmis chuii</i> than the substances individually?. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 181, 60-68	7	53
172	Collection and transport of sentinel mussels in biomarker-based coastal pollution monitoring: Current flaws and reliable practices. <i>Ecological Indicators</i> , 2019 , 103, 722-734	5.8	8
171	Assessment of urban groundwater: towards integrated hydrogeological and effects-based monitoring. <i>Sustainable Water Resources Management</i> , 2019 , 5, 217-233	1.9	4
170	Microplastic pollution in commercial salt for human consumption: A review. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 219, 161-168	2.9	116
169	Neurotoxicity, Behavior, and Lethal Effects of Cadmium, Microplastics, and Their Mixtures on Juveniles from Two Wild Populations Exposed under Laboratory Conditions-Implications to Environmental and Human Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	42

168	The influence of short-term experimental fasting on biomarker responsiveness in oil WAF exposed mussels. <i>Aquatic Toxicology</i> , 2019 , 206, 164-175	5.1	14
167	Microplastics Pollution in the Marine Environment 2019 , 329-351		7
166	Integrated multivariate approach of ecological and ecotoxicological parameters in coastal environmental monitoring studies. <i>Ecological Indicators</i> , 2018 , 95, 1128-1142	5.8	5
165	Single and combined effects of microplastics and mercury on juveniles of the European seabass (<i>Dicentrarchus labrax</i>): Changes in behavioural responses and reduction of swimming velocity and resistance time. <i>Environmental Pollution</i> , 2018 , 236, 1014-1019	9.3	125
164	Influence of microplastics on the toxicity of the pharmaceuticals procainamide and doxycycline on the marine microalgae <i>Tetraselmis chuii</i> . <i>Aquatic Toxicology</i> , 2018 , 197, 143-152	5.1	151
163	Toxicological interactions induced by chronic exposure to gold nanoparticles and microplastics mixtures in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2018 , 628-629, 474-483	10.2	77
162	Microplastics cause neurotoxicity, oxidative damage and energy-related changes and interact with the bioaccumulation of mercury in the European seabass, <i>Dicentrarchus labrax</i> (Linnaeus, 1758). <i>Aquatic Toxicology</i> , 2018 , 195, 49-57	5.1	296
161	Uptake and effects of the antimicrobial florfenicol, microplastics and their mixtures on freshwater exotic invasive bivalve <i>Corbicula fluminea</i> . <i>Science of the Total Environment</i> , 2018 , 622-623, 1131-1142	10.2	116
160	Transgenerational effects and recovery of microplastics exposure in model populations of the freshwater cladoceran <i>Daphnia magna</i> Straus. <i>Science of the Total Environment</i> , 2018 , 631-632, 421-428	10.2	94
159	Toxicity of mercury and post-exposure recovery in <i>Corbicula fluminea</i> : Neurotoxicity, oxidative stress and oxygen consumption. <i>Ecological Indicators</i> , 2018 , 91, 503-510	5.8	12
158	Effects of microplastics and mercury in the freshwater bivalve <i>Corbicula fluminea</i> (Müller, 1774): Filtration rate, biochemical biomarkers and mercury bioconcentration. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 164, 155-163	7	93
157	Marine microplastic debris: An emerging issue for food security, food safety and human health. <i>Marine Pollution Bulletin</i> , 2018 , 133, 336-348	6.7	539
156	Microplastics increase mercury bioconcentration in gills and bioaccumulation in the liver, and cause oxidative stress and damage in <i>Dicentrarchus labrax</i> juveniles. <i>Scientific Reports</i> , 2018 , 8, 15655	4.9	95
155	Stream salinization and fungal-mediated leaf decomposition: A microcosm study. <i>Science of the Total Environment</i> , 2017 , 599-600, 1638-1645	10.2	23
154	Use of stable isotope ratios of fish larvae as indicators to assess diets and patterns of anthropogenic nitrogen pollution in estuarine ecosystems. <i>Ecological Indicators</i> , 2017 , 83, 112-121	5.8	16
153	Transcriptional and biochemical analysis of antioxidant enzymes in the mussel <i>Mytilus galloprovincialis</i> during experimental exposures to the toxic dinoflagellate <i>Prorocentrum lima</i> . <i>Marine Environmental Research</i> , 2017 , 129, 304-315	3.3	24
152	A framework to assess the vulnerability of estuarine systems for use in ecological risk assessment. <i>Ocean and Coastal Management</i> , 2016 , 119, 267-277	3.9	17
151	Alterations in gene expression levels provide early indicators of chemical stress during <i>Xenopus laevis</i> embryo development: A case study with perfluorooctane sulfonate (PFOS). <i>Ecotoxicology and Environmental Safety</i> , 2016 , 127, 51-60	7	11

150	Effects of multi-stressors on juveniles of the marine fish <i>Pomatoschistus microps</i> : Gold nanoparticles, microplastics and temperature. <i>Aquatic Toxicology</i> , 2016 , 170, 89-103	5.1	186
149	Low Genetic Diversity and High Invasion Success of <i>Corbicula fluminea</i> (Bivalvia, Corbiculidae) (Müller, 1774) in Portugal. <i>PLoS ONE</i> , 2016 , 11, e0158108	3.7	21
148	Environmental Groundwater Vulnerability Assessment in Urban Water Mines (Porto, NW Portugal). <i>Water (Switzerland)</i> , 2016 , 8, 499	3	16
147	Temperature rise and microplastics interact with the toxicity of the antibiotic cefalexin to juveniles of the common goby (<i>Pomatoschistus microps</i>): Post-exposure predatory behaviour, acetylcholinesterase activity and lipid peroxidation. <i>Aquatic Toxicology</i> , 2016 , 180, 173-185	5.1	114
146	Comparative sensitivity of European native (<i>Anodonta anatina</i>) and exotic (<i>Corbicula fluminea</i>) bivalves to mercury. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 167, 191-198	2.9	29
145	Single and combined effects of microplastics and copper on the population growth of the marine microalgae <i>Tetraselmis chuii</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 167, 269-275	2.9	133
144	Influence of Long-Term Exposure to Background Pollution on the Response and Recovery of the Invasive Species <i>Corbicula fluminea</i> to Ammonia Sub-lethal Stress: a Multi-marker Approach with Field Estuarine Populations. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	7
143	Zooplankton structure and dynamics in two estuaries from the Atlantic coast in relation to multi-stressors exposure. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 167, 347-367	2.9	19
142	Integrated biomarker responses of the invasive species <i>Corbicula fluminea</i> in relation to environmental abiotic conditions: a potential indicator of the likelihood of clam summer mortality syndrome. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015 , 182, 27-37	2.6	20
141	Effects of microplastics on juveniles of the common goby (<i>Pomatoschistus microps</i>): confusion with prey, reduction of the predatory performance and efficiency, and possible influence of developmental conditions. <i>Environmental Pollution</i> , 2015 , 196, 359-62	9.3	279
140	Effects of Temperature in Juvenile Seabass (<i>Dicentrarchus labrax</i> L.) Biomarker Responses and Behaviour: Implications for Environmental Monitoring. <i>Estuaries and Coasts</i> , 2015 , 38, 45-55	2.8	38
139	Differences in the macrozoobenthic fauna colonising empty bivalve shells before and after invasion by <i>Corbicula fluminea</i> . <i>Marine and Freshwater Research</i> , 2015 , 66, 549	2.2	9
138	Does the presence of microplastics influence the acute toxicity of chromium(VI) to early juveniles of the common goby (<i>Pomatoschistus microps</i>)? A study with juveniles from two wild estuarine populations. <i>Aquatic Toxicology</i> , 2015 , 164, 163-74	5.1	197
137	Coastal systems under change: Tuning assessment and management tools. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 167, 1-3	2.9	8
136	Influence of the invasive Asian clam <i>Corbicula fluminea</i> (Bivalvia: Corbiculidae) on estuarine epibenthic assemblages. <i>Estuarine, Coastal and Shelf Science</i> , 2014 , 143, 12-19	2.9	33
135	EROD activity and cytochrome P4501A induction in liver and gills of Senegal sole <i>Solea senegalensis</i> from a polluted Huelva estuary (SW Spain). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014 , 166, 134-44	3.2	11
134	Optimization of NRU assay in primary cultures of <i>Eisenia fetida</i> for metal toxicity assessment. <i>Ecotoxicology</i> , 2014 , 23, 1326-35	2.9	17
133	Effects of water accommodated fractions of crude oils and diesel on a suite of biomarkers in Atlantic cod (<i>Gadus morhua</i>). <i>Aquatic Toxicology</i> , 2014 , 154, 240-52	5.1	43

132	Comparison of three shredders response to acute stress induced by eucalyptus leaf leachates and copper: single and combined exposure at two distinct temperatures. <i>Annales De Limnologie</i> , 2014 , 50, 97-107	0.7	8
131	Lysine acetylsalicylate increases the safety of a paraquat formulation to freshwater primary producers: a case study with the microalga <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2014 , 146, 137-43	5.1	13
130	Chronic toxicity of the veterinary antibiotic florfenicol to <i>Daphnia magna</i> assessed at two temperatures. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 1022-32	5.8	34
129	Swimming velocity, avoidance behavior and biomarkers in <i>Palaemon serratus</i> exposed to fenitrothion. <i>Chemosphere</i> , 2013 , 90, 936-44	8.4	28
128	Exposure of <i>Carcinus maenas</i> to waterborne fluoranthene: accumulation and multibiomarker responses. <i>Science of the Total Environment</i> , 2013 , 443, 454-63	10.2	35
127	Single and combined effects of microplastics and pyrene on juveniles (0+ group) of the common goby <i>Pomatoschistus microps</i> (Teleostei, Gobiidae). <i>Ecological Indicators</i> , 2013 , 34, 641-647	5.8	410
126	Toxic effects of pure anatoxin-a on biomarkers of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Toxicol</i> , 2013 , 70, 162-9	2.8	15
125	New formulation of paraquat with lysine acetylsalicylate with low mammalian toxicity and effective herbicidal activity. <i>Pest Management Science</i> , 2013 , 69, 553-8	4.6	14
124	Antioxidant defences and lipid peroxidation in wild White Storks, <i>Ciconia ciconia</i> , from Spain. <i>Journal of Ornithology</i> , 2013 , 154, 971-976	1.5	5
123	Multiple stress effects on marine planktonic organisms: Influence of temperature on the toxicity of polycyclic aromatic hydrocarbons to <i>Tetraselmis chuii</i> . <i>Journal of Sea Research</i> , 2012 , 72, 94-98	1.9	30
122	Effects of salinity stress on neurotransmission, energy metabolism, and anti-oxidant biomarkers of <i>Carcinus maenas</i> from two estuaries of the NW Iberian Peninsula. <i>Marine Biology</i> , 2012 , 159, 2061-2074	2.5	38
121	Biological Parameters Towards Polycyclic Aromatic Hydrocarbons Pollution: A Study with <i>Dicentrarchus labrax</i> L. Exposed to the Model Compound Benzo(a)pyrene. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 4709-4722	2.6	13
120	Acute effects of deltamethrin on swimming velocity and biomarkers of the common prawn <i>Palaemon serratus</i> . <i>Aquatic Toxicology</i> , 2012 , 124-125, 209-16	5.1	62
119	Associated macrozoobenthos with the invasive Asian clam <i>Corbicula fluminea</i> . <i>Journal of Sea Research</i> , 2012 , 72, 113-120	1.9	36
118	Health status of <i>Pomatoschistus microps</i> populations in relation to pollution and natural stressors: implications for ecological risk assessment. <i>Biomarkers</i> , 2012 , 17, 62-77	2.6	40
117	Oxidative stress biomarkers in Senegal sole, <i>Solea senegalensis</i> , to assess the impact of heavy metal pollution in a Huelva estuary (SW Spain): seasonal and spatial variation. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 75, 151-62	7	83
116	Acute toxic effects of pyrene on <i>Pomatoschistus microps</i> (Teleostei, Gobiidae): Mortality, biomarkers and swimming performance. <i>Ecological Indicators</i> , 2012 , 19, 206-214	5.8	54
115	Short-term toxic effects of naphthalene and pyrene on the common prawn (<i>Palaemon serratus</i>) assessed by a multi-parameter laboratorial approach: mechanisms of toxicity and impairment of individual fitness. <i>Biomarkers</i> , 2012 , 17, 275-85	2.6	15

114	Biomarkers responses in muscle of Senegal sole (<i>Solea senegalensis</i>) from a heavy metals and PAHs polluted estuary. <i>Marine Pollution Bulletin</i> , 2012 , 64, 2097-108	6.7	32
113	Effect of Cu-nanoparticles versus one Cu-salt: analysis of stress biomarkers response in <i>Enchytraeus albidus</i> (Oligochaeta). <i>Nanotoxicology</i> , 2012 , 6, 134-43	5.3	51
112	Challenges in assessing the toxic effects of polycyclic aromatic hydrocarbons to marine organisms: a case study on the acute toxicity of pyrene to the European seabass (<i>Dicentrarchus labrax</i> L.). <i>Chemosphere</i> , 2012 , 86, 926-37	8.4	49
111	Massive die-offs of freshwater bivalves as resource pulses. <i>Annales De Limnologie</i> , 2012 , 48, 105-112	0.7	65
110	Effects of carbofuran on the sea bass (<i>Dicentrarchus labrax</i> L.): study of biomarkers and behaviour alterations. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 1905-12	7	41
109	Rapid decline of the greater European peaclam at the periphery of its distribution. <i>Annales De Limnologie</i> , 2011 , 47, 211-219	0.7	20
108	Reproduction and biochemical responses in <i>Enchytraeus albidus</i> (Oligochaeta) to zinc or cadmium exposures. <i>Environmental Pollution</i> , 2011 , 159, 1836-43	9.3	43
107	Biochemical and locomotor responses of <i>Carcinus maenas</i> exposed to the serotonin reuptake inhibitor fluoxetine. <i>Chemosphere</i> , 2011 , 85, 967-76	8.4	52
106	Biochemical characterization of cholinesterases in <i>Enchytraeus albidus</i> and assessment of in vivo and in vitro effects of different soil properties, copper and phenmedipham. <i>Ecotoxicology</i> , 2011 , 20, 119-30	2.9	30
105	Massive mortality of the Asian clam <i>Corbicula fluminea</i> in a highly invaded area. <i>Biological Invasions</i> , 2011 , 13, 277-280	2.7	49
104	Development and Validation of an SPE-HPLC-FL Method for the Determination of Anatoxin-a in Water and Trout (<i>Oncorhincus mykiss</i>). <i>Analytical Letters</i> , 2011 , 44, 1431-1441	2.2	8
103	Comparative study about the effects of pollution on glass and yellow eels (<i>Anguilla anguilla</i>) from the estuaries of Minho, Lima and Douro Rivers (NW Portugal). <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 524-33	7	37
102	Ecotoxicological tools for the tropics: Sublethal assays with fish to evaluate edge-of-field pesticide runoff toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 893-9	7	23
101	Biochemical effects and polycyclic aromatic hydrocarbons (PAHs) in senegal sole (<i>Solea senegalensis</i>) from a Huelva estuary (SW Spain). <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 1842-51	7.1	58
100	Localization and properties of cholinesterases in the common prawn (<i>Palaemon serratus</i>): A kinetic-histochemical study. <i>Biological Bulletin</i> , 2010 , 218, 1-5	1.5	5
99	Environmental issues in urban groundwater systems: a multidisciplinary study of the Paranhos and Salgueiros spring waters, Porto (NW Portugal). <i>Environmental Earth Sciences</i> , 2010 , 61, 379-392	2.9	21
98	Can the Activities of Acetylcholinesterase and Glutathione S-Transferases of <i>Crangon crangon</i> (L.) be Used as Biomarkers of Fuel Oil Exposure?. <i>Water, Air, and Soil Pollution</i> , 2010 , 208, 317-322	2.6	2
97	Blood delta-ALAD, lead and cadmium concentrations in spur-thighed tortoises (<i>Testudo graeca</i>) from Southeastern Spain and Northern Africa. <i>Ecotoxicology</i> , 2010 , 19, 670-7	2.9	10

96	Linking behavioural alterations with biomarkers responses in the European seabass <i>Dicentrarchus labrax</i> L. exposed to the organophosphate pesticide fenitrothion. <i>Ecotoxicology</i> , 2010 , 19, 1369-81	2.9	88
95	Genetic costs of tolerance to metals in <i>Daphnia longispina</i> populations historically exposed to a copper mine drainage. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 939-46	3.8	41
94	Yellow eel (<i>Anguilla anguilla</i>) development in NW Portuguese estuaries with different contamination levels. <i>Ecotoxicology</i> , 2009 , 18, 385-402	2.9	45
93	Influence of exposure scenario on pesticide toxicity in the midge <i>Kiefferulus calligaster</i> (Kieffer). <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 450-7	7	7
92	Effects of natural and chemical stressors on <i>Enchytraeus albidus</i> : can oxidative stress parameters be used as fast screening tools for the assessment of different stress impacts in soils?. <i>Environment International</i> , 2009 , 35, 318-24	12.9	39
91	Acute effects of copper and mercury on the estuarine fish <i>Pomatoschistus microps</i> : linking biomarkers to behaviour. <i>Chemosphere</i> , 2009 , 76, 1416-27	8.4	218
90	Cholinesterase and glutathione S-transferase activities of three mollusc species from the NW Portuguese coast in relation to the Prestige oil spill. <i>Chemosphere</i> , 2009 , 77, 1465-75	8.4	29
89	Effects of Benzo(a)pyrene on Seabass (<i>Dicentrarchus labrax</i> L.): Biomarkers, Growth and Behavior. <i>Human and Ecological Risk Assessment (HERA)</i> , 2009 , 15, 121-137	4.9	52
88	Growth and production of <i>Pisidium amnicum</i> in the freshwater tidal area of the River Minho estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 79, 467-474	2.9	10
87	Growth and extremely high production of the non-indigenous invasive species <i>Corbicula fluminea</i> (Müller, 1774): Possible implications for ecosystem functioning. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 80, 289-295	2.9	76
86	Acute effects of Benzo[a]pyrene, anthracene and a fuel oil on biomarkers of the common goby <i>Pomatoschistus microps</i> (Teleostei, Gobiidae). <i>Science of the Total Environment</i> , 2008 , 395, 87-100	10.2	115
85	Does mercury interact with the inhibitory effect of dichlorvos on <i>Palaemon serratus</i> (Crustacea: Decapoda) cholinesterase?. <i>Science of the Total Environment</i> , 2008 , 404, 88-93	10.2	16
84	Ras gene in marine mussels: a molecular level response to petrochemical exposure. <i>Marine Pollution Bulletin</i> , 2008 , 56, 633-40	6.7	15
83	Ecology of the invasive Asian clam <i>Corbicula fluminea</i> (Müller, 1774) in aquatic ecosystems: an overview. <i>Annales De Limnologie</i> , 2008 , 44, 85-94	0.7	193
82	Behaviour and biomarkers of oxidative stress in <i>Gambusia holbrooki</i> after acute exposure to widely used pharmaceuticals and a detergent. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 341-54	7	80
81	Transport and acclimation conditions for the use of an estuarine fish (<i>Pomatoschistus microps</i>) in ecotoxicity bioassays: effects on enzymatic biomarkers. <i>Chemosphere</i> , 2008 , 71, 1803-8	8.4	11
80	Factors Affecting <i>Pisidium amnicum</i> (Müller, 1774; Bivalvia: Sphaeriidae) Distribution in the River Minho Estuary: Consequences for its Conservation. <i>Estuaries and Coasts</i> , 2008 , 31, 1198-1207	2.8	14
79	Abiotic impacts on spatial and temporal distribution of <i>Corbicula fluminea</i> (Müller, 1774) in the River Minho estuary, Portugal. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008 , 18, 98-110 ^{2.6}	2.6	70

78	Minho River tidal freshwater wetlands: threats to faunal biodiversity. <i>Aquatic Biology</i> , 2008 , 3, 237-250	2	58
77	Biomonitoring Studies Performed with European Eel Populations from the Estuaries of Minho, Lima and Douro Rivers (NW Portugal) 2008 , 390-401		1
76	Mechanisms of cholinesterase inhibition by inorganic mercury. <i>FEBS Journal</i> , 2007 , 274, 1849-61	5.7	61
75	Species composition and monthly variation of the Molluscan fauna in the freshwater subtidal area of the River Minho estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 75, 90-100	2.9	45
74	Genetic and shell morphological variability of the invasive bivalve <i>Corbicula fluminea</i> (Müller, 1774) in two Portuguese estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 74, 166-174	2.9	46
73	Toxicity ranking of estuarine sediments on the basis of <i>Sparus aurata</i> biomarkers. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 444-53	3.8	14
72	<i>Fucus</i> spp. as a mercury contamination bioindicator in coastal areas (Northwestern Portugal). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 79, 388-95	2.7	26
71	Effect of sublethal concentrations of copper sulphate on seabream <i>Sparus aurata</i> fingerlings. <i>Aquatic Living Resources</i> , 2007 , 20, 263-270	1.5	19
70	Effects of dichlorvos aquaculture treatments on selected biomarkers of gilthead sea bream (<i>Sparus aurata</i> L.) fingerlings. <i>Aquaculture</i> , 2007 , 266, 87-96	4.4	59
69	Acute toxicity of oxytetracycline and florfenicol to the microalgae <i>Tetraselmis chuii</i> and to the crustacean <i>Artemia parthenogenetica</i> . <i>Ecotoxicology and Environmental Safety</i> , 2007 , 67, 452-8	7	108
68	Effects of copper and cadmium on cholinesterase and glutathione S-transferase activities of two marine gastropods (<i>Monodonta lineata</i> and <i>Nucella lapillus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 145, 648-57	3.2	47
67	Impact of chemical exposure on the fish <i>Pomatoschistus microps</i> Krøyer (1838) in estuaries of the Portuguese Northwest coast. <i>Chemosphere</i> , 2007 , 66, 514-22	8.4	54
66	Enzymatic biomarkers in the crab <i>Carcinus maenas</i> from the Minho River estuary (NW Portugal) exposed to zinc and mercury. <i>Chemosphere</i> , 2007 , 66, 1249-55	8.4	82
65	Biochemical responses of the marine mussel <i>Mytilus galloprovincialis</i> to petrochemical environmental contamination along the North-western coast of Portugal. <i>Chemosphere</i> , 2007 , 66, 1230-42	8.4	186
64	In situ assays with tropical cladocerans to evaluate edge-of-field pesticide runoff toxicity. <i>Chemosphere</i> , 2007 , 67, 2250-6	8.4	26
63	Assessing dimethoate contamination in temperate and tropical climates: potential use of biomarkers in bioassays with two chironomid species. <i>Chemosphere</i> , 2007 , 69, 145-54	8.4	30
62	Biochemical mechanisms of resistance in <i>Daphnia magna</i> exposed to the insecticide fenitrothion. <i>Chemosphere</i> , 2007 , 70, 74-82	8.4	40
61	Environmental pollution and natural populations: a biomarkers case study from the Iberian Atlantic coast. <i>Marine Pollution Bulletin</i> , 2006 , 52, 1406-13	6.7	32

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