

Maria J Bebianno

List of Publications by Year in descending order

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206
papers

10,186
citations

31976

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49909

87
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212
all docs

212
docs citations

212
times ranked

8410
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics effects in <i>Scrobicularia plana</i> . <i>Marine Pollution Bulletin</i> , 2017, 122, 379-391.	5.0	344
2	Effects of Copper Nanoparticles Exposure in the Mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Science & Technology</i> , 2011, 45, 9356-9362.	10.0	229
3	Effect of cadmium, copper and mercury on antioxidant enzyme activities and lipid peroxidation in the gills of the hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Marine Environmental Research</i> , 2004, 58, 377-381.	2.5	178
4	Ecotoxicological impact of engineered nanomaterials in bivalve molluscs: An overview. <i>Marine Environmental Research</i> , 2015, 111, 74-88.	2.5	176
5	Accumulation and toxicity of copper oxide nanoparticles in the digestive gland of <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2012, 118-119, 72-79.	4.0	175
6	Genotoxicity of copper oxide and silver nanoparticles in the mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2013, 84, 51-59.	2.5	167
7	Effects of non-steroidal anti-inflammatory drug (NSAID) diclofenac exposure in mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2014, 148, 221-230.	4.0	166
8	Recent developments in quantification methods for metallothionein. <i>Journal of Inorganic Biochemistry</i> , 2002, 88, 123-134.	3.5	157
9	Contamination assessment of a coastal lagoon (Ria de Aveiro, Portugal) using defence and damage biochemical indicators in gill of <i>Liza aurata</i> – An integrated biomarker approach. <i>Environmental Pollution</i> , 2009, 157, 959-967.	7.5	135
10	Biomarkers in <i>Ruditapes decussatus</i> : a potential bioindicator species. <i>Biomarkers</i> , 2004, 9, 305-330.	1.9	134
11	Metal handling strategies in molluscs. , 1998, , 219-283.		132
12	Detection of emerging contaminants (UV filters, UV stabilizers and musks) in marine mussels from Portuguese coast by QuEChERS extraction and GC-MS/MS. <i>Science of the Total Environment</i> , 2014, 493, 162-169.	8.0	127
13	Application of an integrated biomarker response index (IBR) to assess temporal variation of environmental quality in two Portuguese aquatic systems. <i>Ecological Indicators</i> , 2012, 19, 215-225.	6.3	126
14	Ecotoxicological Effects of Chemical Contaminants Adsorbed to Microplastics in the Clam <i>Scrobicularia plana</i> . <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	126
15	Effect of cadmium on antioxidant enzyme activities and lipid peroxidation in the gills of the clam <i>Ruditapes decussatus</i> . <i>Biomarkers</i> , 2002, 7, 242-256.	1.9	119
16	Environmental behaviour and ecotoxicity of quantum dots at various trophic levels: A review. <i>Environment International</i> , 2017, 98, 1-17.	10.0	119
17	Nanoplastics impact on marine biota: A review. <i>Environmental Pollution</i> , 2021, 273, 116426.	7.5	115
18	Metallothionein induction in <i>Mytilus edulis</i> exposed to cadmium. <i>Marine Biology</i> , 1991, 108, 91-96.	1.5	111

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19	Does non-steroidal anti-inflammatory (NSAID) ibuprofen induce antioxidant stress and endocrine disruption in mussel <i>Mytilus galloprovincialis</i> ?. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 361-371.	4.0	111
20	Occurrence of pharmaceutical compounds and pesticides in aquatic systems. <i>Marine Pollution Bulletin</i> , 2015, 96, 384-400.	5.0	104
21	Antioxidant systems and lipid peroxidation in from Mid-Atlantic Ridge hydrothermal vent fields. <i>Aquatic Toxicology</i> , 2005, 75, 354-373.	4.0	99
22	A multibiomarker approach in the clam <i>Ruditapes decussatus</i> to assess the impact of pollution in the Ria Formosa lagoon, South Coast of Portugal. <i>Marine Environmental Research</i> , 2012, 75, 23-34.	2.5	97
23	Cadmium metabolism in the clam <i>Ruditapes decussata</i> : the role of metallothioneins. <i>Aquatic Toxicology</i> , 1993, 27, 315-333.	4.0	95
24	Does selective serotonin reuptake inhibitor (SSRI) fluoxetine affects mussel <i>Mytilus galloprovincialis</i> ?. <i>Environmental Pollution</i> , 2013, 173, 200-209.	7.5	94
25	Antioxidant enzyme activities, metallothioneins and lipid peroxidation as biomarkers in <i>Ruditapes decussatus</i> ?. <i>Ecotoxicology</i> , 2003, 12, 417-426.	2.4	93
26	Response of antioxidant systems to copper in the gills of the clam <i>Ruditapes decussatus</i> . <i>Marine Environmental Research</i> , 2002, 54, 413-417.	2.5	92
27	Variation of Metal and Metallothionein Concentrations in a Natural Population of <i>Ruditapes decussatus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 53-66.	4.1	92
28	Integrated approach to assess ecosystem health in harbor areas. <i>Science of the Total Environment</i> , 2015, 514, 92-107.	8.0	88
29	Effect of cadmium in the clam <i>Ruditapes decussatus</i> assessed by proteomic analysis. <i>Aquatic Toxicology</i> , 2009, 94, 300-308.	4.0	87
30	Differential protein expression in mussels <i>Mytilus galloprovincialis</i> exposed to nano and ionic Ag. <i>Aquatic Toxicology</i> , 2013, 136-137, 79-90.	4.0	86
31	Multi-biomarker responses to estuarine habitat contamination in three fish species: <i>Dicentrarchus labrax</i> , <i>Solea senegalensis</i> and <i>Pomatoschistus microps</i> . <i>Aquatic Toxicology</i> , 2011, 102, 216-227.	4.0	85
32	Glutathione S-transferases and cytochrome P450 activities in <i>Mytilus galloprovincialis</i> from the South coast of Portugal: Effect of abiotic factors. <i>Environment International</i> , 2007, 33, 550-558.	10.0	84
33	Identifying Toxic Impacts of Metals Potentially Released during Deep-Sea Mining – A Synthesis of the Challenges to Quantifying Risk. <i>Frontiers in Marine Science</i> , 0, 4, .	2.5	84
34	Sewage contamination following an accidental spillage in the Ria Formosa, Portugal. <i>Marine Pollution Bulletin</i> , 1997, 34, 163-170.	5.0	82
35	Antioxidant and lipid peroxidation responses in <i>Mytilus galloprovincialis</i> exposed to mixtures of benzo(a)pyrene and copper. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 56-63.	2.6	81
36	Effects of silver nanoparticles exposure in the mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2014, 101, 208-214.	2.5	81

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37	Proteomic response of mussels <i>Mytilus galloprovincialis</i> exposed to CuO NPs and Cu ²⁺ : An exploratory biomarker discovery. <i>Aquatic Toxicology</i> , 2014, 155, 327-336.	4.0	78
38	A multibiomarker approach in <i>Mytilus galloprovincialis</i> to assess environmental quality. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1673.	2.1	77
39	Spatial variation of metal bioaccumulation in the hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Marine Environmental Research</i> , 2008, 65, 405-415.	2.5	76
40	Immunocytotoxicity, cytogenotoxicity and genotoxicity of cadmium-based quantum dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2014, 101, 29-37.	2.5	76
41	Comparison of metallothionein induction in response to cadmium in the gills of the bivalve molluscs <i>Mytilus galloprovincialis</i> and <i>Ruditapes decussatus</i> . <i>Science of the Total Environment</i> , 1998, 214, 123-131.	8.0	71
42	Concentrations of metals and metallothioneins in <i>Mytilus galloprovincialis</i> along the south coast of Portugal. <i>Marine Pollution Bulletin</i> , 1997, 34, 666-671.	5.0	70
43	The effect of cadmium on antioxidant responses and the susceptibility to oxidative stress in the hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Marine Biology</i> , 2006, 148, 817-825.	1.5	70
44	Effects of active pharmaceutical ingredients mixtures in mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2014, 153, 12-26.	4.0	69
45	Non-steroidal anti-inflammatory drug (NSAID) ibuprofen distresses antioxidant defense system in mussel <i>Mytilus galloprovincialis</i> gills. <i>Aquatic Toxicology</i> , 2011, 105, 264-269.	4.0	65
46	Imposex, female sterility and organotin contamination of the prosobranch <i>Nassarius reticulatus</i> from the Portuguese coast. <i>Marine Ecology - Progress Series</i> , 2002, 230, 127-135.	1.9	65
47	Effect of temperature and size on metallothionein synthesis in the gill of <i>Mytilus galloprovincialis</i> exposed to cadmium. <i>Marine Environmental Research</i> , 2002, 54, 361-365.	2.5	63
48	Metallothionein induction in <i>Littorina littorea</i> (Mollusca: Prosobranchia) on exposure to cadmium. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1992, 72, 329-342.	0.8	61
49	Tidal flushing of ammonium, iron and manganese from inter-tidal sediment pore waters. <i>Marine Chemistry</i> , 1997, 58, 203-211.	2.3	60
50	Antioxidant biochemical responses to long-term copper exposure in <i>Bathymodiolus azoricus</i> from Menez-Gwen hydrothermal vent. <i>Science of the Total Environment</i> , 2008, 389, 407-417.	8.0	60
51	European eel (<i>Anguilla anguilla</i> L.) metallothionein, endocrine, metabolic and genotoxic responses to copper exposure. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 20-26.	6.0	60
52	Induction of Metallothionein Synthesis in the Gill and Kidney of <i>Littorina Littorea</i> Exposed to Cadmium. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1995, 75, 173-186.	0.8	59
53	Effects of pollutants in the Ria Formosa Lagoon, Portugal. <i>Science of the Total Environment</i> , 1995, 171, 107-115.	8.0	58
54	Chemical and biochemical tools to assess pollution exposure in cultured fish. <i>Environmental Pollution</i> , 2008, 152, 138-146.	7.5	58

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55	Does zinc produce reactive oxygen species in <i>Ruditapes decussatus</i> ?. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 399-409.	6.0	55
56	Metallothionein, zinc, and mercury levels in tissues of young rats exposed to zinc and subsequently to mercury. <i>Life Sciences</i> , 2007, 81, 1264-1271.	4.3	54
57	Partitioning of trace metals between soft tissues and shells of <i>Patella aspera</i> . <i>Environment International</i> , 2004, 30, 87-98.	10.0	53
58	Do microplastic contaminated seafood consumption pose a potential risk to human health?. <i>Marine Pollution Bulletin</i> , 2021, 171, 112769.	5.0	53
59	Metals in the shell of <i>Bathymodiolus azoricus</i> from a hydrothermal vent site on the Mid-Atlantic Ridge. <i>Environment International</i> , 2007, 33, 609-615.	10.0	52
60	Sex steroids and metabolic responses in mussels <i>Mytilus galloprovincialis</i> exposed to drospirenone. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 166-172.	6.0	51
61	KINETIC MODEL OF CADMIUM ACCUMULATION AND ELIMINATION AND METALLOTHIONEIN RESPONSE IN <i>RUDITAPES DECUSSATUS</i> . <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 960.	4.3	50
62	Biomarkers of exposure to metal contamination and lipid peroxidation in the benthic fish <i>Cathorops spixii</i> from two estuaries in South America, Brazil. <i>Ecotoxicology</i> , 2009, 18, 1001-1010.	2.4	50
63	Polycyclic aromatic hydrocarbons concentrations and biomarker responses in the clam <i>Ruditapes decussatus</i> transplanted in the Ria Formosa lagoon. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1849-1860.	6.0	50
64	Histopathological assessment and inflammatory response in the digestive gland of marine mussel <i>Mytilus galloprovincialis</i> exposed to cadmium-based quantum dots. <i>Aquatic Toxicology</i> , 2016, 177, 306-315.	4.0	50
65	Environmental hazard assessment of a marine mine tailings deposit site and potential implications for deep-sea mining. <i>Environmental Pollution</i> , 2017, 228, 169-178.	7.5	50
66	Cadmium and metallothionein turnover in different tissues of the gastropod <i>Littorina littorea</i> . <i>Talanta</i> , 1998, 46, 301-313.	5.5	49
67	Variation of metallothionein and metal concentrations in the digestive gland of the clam <i>Ruditapes decussatus</i> : Sex and seasonal effects. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 544-552.	4.3	49
68	Bioaccumulation of metals in the soft tissue of <i>Patella aspera</i> : Application of metal/shell weight indices. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 571-586.	2.1	48
69	Toxic effects of cisplatin cytostatic drug in mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2016, 119, 12-21.	2.5	48
70	Impact of outflow from the Guadiana River on the distribution of suspended particulate matter and nutrients in the adjacent coastal zone. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 70, 63-75.	2.1	44
71	Hepatic levels of metal and metallothioneins in two commercial fish species of the Northern Iberian shelf. <i>Science of the Total Environment</i> , 2008, 391, 159-167.	8.0	44
72	Wild juvenile <i>Dicentrarchus labrax</i> L. liver antioxidant and damage responses at Aveiro Lagoon, Portugal. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1861-1870.	6.0	44

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73	Effects of the UV filter, oxybenzone, adsorbed to microplastics in the clam <i>Scrobicularia plana</i> . <i>Science of the Total Environment</i> , 2020, 733, 139102.	8.0	44
74	Evidence of the Differential Sensitivity of Neogastropods to Tributyltin (TBT) Pollution, with Notes on a Species (<i>Columbella Rustica</i>) Lacking the Imposex Response. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 107-114.	0.0	10
75	A multi-biomarker approach in cross-transplanted mussels <i>Mytilus galloprovincialis</i> . <i>Ecotoxicology</i> , 2011, 20, 1959-1974.	2.4	43
76	Ecotoxicological assessment of the anticancer drug cisplatin in the polychaete <i>Nereis diversicolor</i> . <i>Science of the Total Environment</i> , 2017, 575, 162-172.	8.0	43
77	Variation of metallothionein and metal concentrations in the digestive gland of the clam <i>Ruditapes decussatus</i> : sex and seasonal effects. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 544-52.	4.3	43
78	Hg and metallothionein-like proteins in the black scabbardfish <i>Aphanopus carbo</i> . <i>Food and Chemical Toxicology</i> , 2007, 45, 1443-1452.	3.6	42
79	DNA damage and lipid peroxidation vs. protection responses in the gill of <i>Dicentrarchus labrax</i> L. from a contaminated coastal lagoon (Ria de Aveiro, Portugal). <i>Science of the Total Environment</i> , 2008, 406, 298-307.	8.0	42
80	Using biochemical and isotope geochemistry to understand the environmental and public health implications of lead pollution in the lower Guadiana River, Iberia: A freshwater bivalve study. <i>Science of the Total Environment</i> , 2008, 405, 109-119.	8.0	42
81	Development of an ecotoxicological protocol for the deep-sea fauna using the hydrothermal vent shrimp <i>Rimicaris exoculata</i> . <i>Aquatic Toxicology</i> , 2016, 175, 277-285.	4.0	42
82	Turnover rate of metallothionein and cadmium in <i>Mytilus edulis</i> . <i>BioMetals</i> , 1993, 6, 239-44.	4.1	41
83	Chemical residues and biochemical responses in wild and cultured European sea bass (<i>Dicentrarchus labrax</i>). <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 107-114.	7.5	41
84	Involvement of metallothionein in cadmium accumulation and elimination in the clam <i>Ruditapes decussata</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1994, 53, 726-32.	2.7	40
85	Perfluorooctane sulfonic acid (PFOS) adsorbed to polyethylene microplastics: Accumulation and ecotoxicological effects in the clam <i>Scrobicularia plana</i> . <i>Marine Environmental Research</i> , 2021, 164, 105249.	2.5	40
86	Cloning and expression of a GST-pi gene in <i>Mytilus galloprovincialis</i> . Attempt to use the GST-pi transcript as a biomarker of pollution. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 196-203.	2.6	39
87	Metal concentrations in the shell of <i>Bathymodiolus azoricus</i> from contrasting hydrothermal vent fields on the mid-Atlantic ridge. <i>Marine Environmental Research</i> , 2008, 65, 338-348.	2.5	39
88	Assessment of pollution along the Northern Iberian shelf by the combined use of chemical and biochemical markers in two representative fish species. <i>Environmental Pollution</i> , 2008, 155, 327-335.	7.5	38
89	Impact of benzo(a)pyrene, Cu and their mixture on the proteomic response of <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2013, 144-145, 284-295.	4.0	38
90	Evaluation of sediment toxicity in different Portuguese estuaries: Ecological impact of metals and polycyclic aromatic hydrocarbons. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 30-41.	2.1	38

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91	Tissue specific responses to cadmium-based quantum dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2015, 169, 10-18.	4.0	38
92	Fatty acids in the Ria Formosa Lagoon, Portugal. <i>Organic Geochemistry</i> , 1998, 29, 963-977.	1.8	37
93	Metallothionein role in the kinetic model of copper accumulation and elimination in the clam <i>Ruditapes decussatus</i> . <i>Environmental Research</i> , 2009, 109, 390-399.	7.5	37
94	Organotin levels in the Ria Formosa lagoon, Portugal. <i>Applied Organometallic Chemistry</i> , 2002, 16, 384-390.	3.5	36
95	Evaluation of oxidative DNA lesions in plasma and nuclear abnormalities in erythrocytes of wild fish (<i>Liza aurata</i>) as an integrated approach to genotoxicity assessment. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 83-89.	1.7	36
96	Effects of Copper Oxide Nanoparticles on Tissue Accumulation and Antioxidant Enzymes of <i>Galleria mellonella</i> L.. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 341-346.	2.7	36
97	Uptake, accumulation and metabolization of the antidepressant fluoxetine by <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2016, 213, 432-437.	7.5	34
98	Cadmium in the gastropod <i>Littorina littorea</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1993, 73, 655-665.	0.8	33
99	Minor and trace elements in the shell of <i>Patella aspera</i> (Röding 1798). <i>Environment International</i> , 2002, 28, 295-302.	10.0	33
100	Biomarkers: a strategic tool in the assessment of environmental quality of coastal waters. <i>Hydrobiologia</i> , 2007, 587, 79-87.	2.0	33
101	Assessment of Essential and Nonessential Metals and Different Metal Exposure Biomarkers in the Human Placenta in a Population from the South of Portugal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 867-877.	2.3	33
102	Subcellular partitioning kinetics, metallothionein response and oxidative damage in the marine mussel <i>Mytilus galloprovincialis</i> exposed to cadmium-based quantum dots. <i>Science of the Total Environment</i> , 2016, 554-555, 130-141.	8.0	33
103	Environmental relevant levels of the cytotoxic drug cyclophosphamide produce harmful effects in the polychaete <i>Nereis diversicolor</i> . <i>Science of the Total Environment</i> , 2018, 636, 798-809.	8.0	33
104	A comparison of metal-binding proteins and cadmium metabolism in the marine molluscs <i>Littorina littorea</i> (gastropoda), <i>Mytilus edulis</i> and <i>Macoma balthica</i> (bivalvia). <i>Marine Environmental Research</i> , 1989, 28, 195-200.	2.5	32
105	Variation of metallothioneins in gills of the clam <i>Ruditapes decussatus</i> from the Gulf of Gabès (Tunisia). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 139, 181-188.	2.6	32
106	Ubiquitination and carbonylation as markers of oxidative-stress in <i>Ruditapes decussatus</i> . <i>Marine Environmental Research</i> , 2008, 66, 95-97.	2.5	32
107	Hepatic metallothionein concentrations in the golden grey mullet (<i>Liza aurata</i>) – Relationship with environmental metal concentrations in a metal-contaminated coastal system in Portugal. <i>Marine Environmental Research</i> , 2010, 69, 227-233.	2.5	32
108	Sub-lethal effects of cadmium on the antioxidant defence system of the hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 788-795.	6.0	32

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109	DNA damage as a biomarker of genotoxic contamination in <i>Mytilus galloprovincialis</i> from the south coast of Portugal. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2559.	2.1	32
110	Metabolic signatures associated with environmental pollution by metals in Doñana National Park using <i>P. clarkii</i> as bioindicator. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13315-13323.	5.3	32
111	Toxicokinetics and tissue distribution of cadmium-based Quantum Dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2015, 204, 207-214.	7.5	32
112	Isolation and characterisation of metallothionein from the clam <i>Ruditapes decussatus</i> . <i>Aquatic Toxicology</i> , 2003, 63, 307-318.	4.0	31
113	Metallothionein concentrations in a population of <i>Patella aspera</i> : variation with size. <i>Science of the Total Environment</i> , 2003, 301, 151-161.	8.0	30
114	Metal-binding proteins and peptides in the aquatic fungi <i>Fontanospora fusiramosa</i> and <i>Flagellospora curta</i> exposed to severe metal stress. <i>Science of the Total Environment</i> , 2006, 372, 148-156.	8.0	30
115	Short-term variability of multiple biomarker response in fish from estuaries: Influence of environmental dynamics. <i>Marine Environmental Research</i> , 2011, 72, 172-178.	2.5	30
116	Cadmium induction of metallothionein synthesis in <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 103, 79-85.	0.2	29
117	Routes of TBT uptake in the clam <i>Ruditapes decussatus</i> . II. Food as vector of TBT uptake. <i>Marine Environmental Research</i> , 2002, 54, 193-207.	2.5	29
118	Effect of a polymetallic mixture on metal accumulation and metallothionein response in the clam <i>Ruditapes decussatus</i> . <i>Aquatic Toxicology</i> , 2010, 99, 370-378.	4.0	29
119	Biomarkers in <i>Nereis diversicolor</i> (Polychaeta: Nereididae) as management tools for environmental assessment on the southwest Iberian coast. <i>Scientia Marina</i> , 2013, 77, 69-78.	0.6	29
120	Temporal variation in the antioxidant defence system and lipid peroxidation in the gills and mantle of hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 1101-1116.	1.4	28
121	Differential gene transcription, biochemical responses, and cytotoxicity assessment in Pacific oyster <i>Crassostrea gigas</i> exposed to ibuprofen. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17375-17385.	5.3	26
122	Changes in protein expression in mussels <i>Mytilus galloprovincialis</i> dietarily exposed to PVP/PEI coated silver nanoparticles at different seasons. <i>Aquatic Toxicology</i> , 2019, 210, 56-68.	4.0	26
123	Detoxification mechanisms in shrimp: Comparative approach between hydrothermal vent fields and estuarine environments. <i>Marine Environmental Research</i> , 2008, 66, 35-37.	2.5	25
124	Metal concentrations and metallothionein-like protein levels in deep-sea fishes captured near hydrothermal vents in the Mid-Atlantic Ridge off Azores. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 893-908.	1.4	25
125	Source and impact of lead contamination on $\hat{\Gamma}$ -aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cadiz. <i>Aquatic Toxicology</i> , 2011, 101, 146-154.	4.0	25
126	Chronic toxicity of polystyrene nanoparticles in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2022, 287, 132356.	8.2	25

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127	Comparative petroleum hydrocarbons levels and biochemical responses in mussels from hydrothermal vents (<i>Bathymodiolus azoricus</i>) and coastal environments (<i>Mytilus galloprovincialis</i>). <i>Marine Pollution Bulletin</i> , 2008, 57, 529-537.	5.0	24
128	Metallothionein levels in Algerian mice (<i>Mus spretus</i>) exposed to elemental pollution: An ecophysiological approach. <i>Chemosphere</i> , 2008, 71, 1340-1347.	8.2	24
129	Trace metal concentrations in sediments from the southwest of the Iberian Peninsula. <i>Scientia Marina</i> , 2010, 74, 99-106.	0.6	24
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133	Comparison of metal accumulation between "Artificial Mussel"™ and natural mussels (<i>Mytilus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock	5.0	23
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