Rosa F Freitas

List of Publications by Citations

224 papers	4,507 citations	37 h-index	51 g-index
232 ext. papers	5,516 ext. citations	6.2 avg, IF	6.01 L-index

#	Paper	IF	Citations
224	Presence of the pharmaceutical drug carbamazepine in coastal systems: effects on bivalves. *Aquatic Toxicology*, **2014**, 156, 74-87	5.1	117
223	Biochemical effects of acetaminophen in aquatic species: edible clams Venerupis decussata and Venerupis philippinarum. *Environmental Science and Pollution Research*, **2013**, 20, 6658-66	5.1	100
222	Physiological and biochemical responses of three Veneridae clams exposed to salinity changes. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2014**, 177-178, 1-9	2.3	94
221	An overview of graphene materials: Properties, applications and toxicity on aquatic environments. *Science of the Total Environment*, **2018**, 631-632, 1440-1456	10.2	92
220	Looking for suitable biomarkers in benthic macroinvertebrates inhabiting coastal areas with low metal contamination: comparison between the bivalve Cerastoderma edule and the Polychaete Diopatra neapolitana. *Ecotoxicology and Environmental Safety*, **2012**, 75, 109-18	7	74
219	Spatial distribution and bioaccumulation patterns in three clam populations from a low contaminated ecosystem. *Estuarine, Coastal and Shelf Science*, **2015**, 155, 114-125	2.9	72
218	The impacts of pharmaceutical drugs under ocean acidification: New data on single and combined long-term effects of carbamazepine on Scrobicularia plana. *Science of the Total Environment*, **2016**, 541, 977-985	10.2	68
217	Physiological and biochemical alterations induced in the mussel Mytilus galloprovincialis after short and long-term exposure to carbamazepine. *Water Research*, **2017**, 117, 102-114	12.5	63
216	Chromium removal from contaminated waters using nanomaterials □A review. *TrAC - Trends in Analytical Chemistry*, **2019**, 118, 277-291	14.6	63
215	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. *Water Research*, **2015**, 85, 137-47	12.5	63
214	Biochemical impacts of Hg in Mytilus galloprovincialis under present and predicted warming scenarios. *Science of the Total Environment*, **2017**, 601-602, 1129-1138	10.2	59
213	Caffeine impacts in the clam Ruditapes philippinarum: Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. *Chemosphere*, **2016**, 160, 95-103	8.4	59
212	Biochemical responses and accumulation patterns of Mytilus galloprovincialis exposed to thermal stress and Arsenic contamination. *Ecotoxicology and Environmental Safety*, **2018**, 147, 954-962	7	57
211	Benthic biodiversity patterns in Ria de Aveiro, Western Portugal: Environmental-biological relationships. *Estuarine, Coastal and Shelf Science*, **2011**, 95, 338-348	2.9	57
210	Trematode communities in cockles (Cerastoderma edule) of the Ria de Aveiro (Portugal): influence of inorganic contamination. *Marine Pollution Bulletin*, **2014**, 82, 117-26	6.7	55
209	The effects of arsenic and seawater acidification on antioxidant and biomineralization responses in two closely related Crassostrea species. *Science of the Total Environment*, **2016**, 545-546, 569-81	10.2	54
208	Biochemical and physiological responses induced in Mytilus galloprovincialis after a chronic exposure to salicylic acid. *Aquatic Toxicology*, **2019**, 214, 105258	5.1	54

207	Chronic toxicity of the antiepileptic carbamazepine on the clam Ruditapes philippinarum. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2015**, 172-173, 26-35	3.2	52
206	Effects of seawater acidification and salinity alterations on metabolic, osmoregulation and oxidative stress markers in Mytilus galloprovincialis. *Ecological Indicators*, **2017**, 79, 54-62	5.8	50
205	Physiological and biochemical responses of the Polychaete Diopatra neapolitana to organic matter enrichment. *Aquatic Toxicology*, **2014**, 155, 32-42	5.1	50
204	Ecotoxicological effects of lanthanum in Mytilus galloprovincialis: Biochemical and histopathological impacts. *Aquatic Toxicology*, **2019**, 211, 181-192	5.1	49
203	Tolerance of Venerupis philippinarum to salinity: osmotic and metabolic aspects. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2014**, 171, 36-43	2.6	49
202	Benthic biotopes remote sensing using acoustics. *Journal of Experimental Marine Biology and Ecology*, **2003**, 285-286, 339-353	2.1	49
201	Combined effects of seawater acidification and salinity changes in Ruditapes philippinarum. *Aquatic Toxicology*, **2016**, 176, 141-50	5.1	49
200	Toxic effects of multi-walled carbon nanotubes on bivalves: Comparison between functionalized and nonfunctionalized nanoparticles. *Science of the Total Environment*, **2018**, 622-623, 1532-1542	10.2	46
199	Toxicological effects of paracetamol on the clam Ruditapes philippinarum: exposure vs recovery. *Aquatic Toxicology*, **2017**, 192, 198-206	5.1	44
198	Toxic effects of the antihistamine cetirizine in mussel Mytilus galloprovincialis. *Water Research*, **2017**, 114, 316-326	12.5	43
197	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete Diopatra neapolitana. *Chemosphere*, **2016**, 146, 565-73	8.4	43
196	How life history influences the responses of the clam Scrobicularia plana to the combined impacts of carbamazepine and pH decrease. *Environmental Pollution*, **2015**, 202, 205-14	9.3	42
195	Acoustic seabed classification of marine habitats: studies in the western coastal-shelf area of Portugal. *ICES Journal of Marine Science*, **2003**, 60, 599-608	2.7	42
194	Native and introduced clams biochemical responses to salinity and pH changes. *Science of the Total Environment*, **2016**, 566-567, 260-268	10.2	42
193	Sedimentary and geochemical characterization and provenance of the Portuguese continental shelf soft-bottom sediments. *Journal of Marine Systems*, **2012**, 91, 41-52	2.7	40
192	The impacts of emergent pollutants on Ruditapes philippinarum: biochemical responses to carbon nanoparticles exposure. *Aquatic Toxicology*, **2017**, 187, 38-47	5.1	39
191	Effects of depuration on the element concentration in bivalves: Comparison between sympatric Ruditapes decussatus and Ruditapes philippinarum. *Estuarine, Coastal and Shelf Science*, **2012**, 110, 43-53	2.9	39
190	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. *Journal of Hazardous Materials*, **2018**, 358, 484-493	12.8	38

189	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels Mytilus galloprovincialis. *Science of the Total Environment*, **2019**, 664, 626-634	10.2	38
188	In situ experimental study of reed leaf decomposition along a full salinity gradient. *Estuarine, Coastal and Shelf Science*, **2009**, 85, 497-506	2.9	37
187	Effects of seawater temperature increase on economically relevant native and introduced clam species. *Marine Environmental Research*, **2017**, 123, 62-70	3.3	36
186	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. *Environmental Pollution*, **2020**, 263, 114442	9.3	35
185	Salinity influences the biochemical response of Crassostrea angulata to Arsenic. *Environmental Pollution*, **2016**, 214, 756-766	9.3	35
184	Physiological and biochemical impacts induced by mercury pollution and seawater acidification in Hediste diversicolor. *Science of the Total Environment*, **2017**, 595, 691-701	10.2	33
183	Cymodocea nodosa vs. Caulerpa prolifera: Causes and consequences of a long term history of interaction in macrophyte meadows in the Mar Menor coastal lagoon (Spain, southwestern Mediterranean). *Estuarine, Coastal and Shelf Science*, **2012**, 110, 101-115	2.9	33
182	Health concerns of consuming cockles (Cerastoderma edule L.) from a low contaminated coastal system. *Environment International*, **2011**, 37, 965-72	12.9	33
181	Benthic habitat mapping: Concerns using a combined approach (acoustic, sediment and biological data). *Estuarine, Coastal and Shelf Science*, **2011**, 92, 598-606	2.9	33
180	Engineered nanomaterials: From their properties and applications, to their toxicity towards marine bivalves in a changing environment. *Environmental Research*, **2019**, 178, 108683	7.9	32
179	Impacts of salicylic acid in Mytilus galloprovincialis exposed to warming conditions. *Environmental Toxicology and Pharmacology*, **2020**, 80, 103448	5.8	32
178	The effects of water acidification, temperature and salinity on the regenerative capacity of the polychaete Diopatra neapolitana. *Marine Environmental Research*, **2015**, 106, 30-41	3.3	31
177	Efficiency of cadmium chelation by phytochelatins in Nitzschia palea (KÉtzing) W. Smith. *Ecotoxicology*, **2014**, 23, 285-92	2.9	31
176	Are metallothioneins equally good biomarkers of metal and oxidative stress?. *Ecotoxicology and Environmental Safety*, **2012**, 84, 185-90	7	31
175	Physiological and biochemical responses of two keystone polychaete species: Diopatra neapolitana and Hediste diversicolor to Multi-walled carbon nanotubes. *Environmental Research*, **2017**, 154, 126-138	7.9	30
174	Effects of carbamazepine and cetirizine under an ocean acidification scenario on the biochemical and transcriptome responses of the clam Ruditapes philippinarum. *Environmental Pollution*, **2018**, 235, 857-868	9.3	30
173	Oxidative effects of the pharmaceutical drug paracetamol on the edible clam Ruditapes philippinarum under different salinities. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2016**, 179, 116-24	3.2	30
172	Bacteria from nodules of wild legume species: Phylogenetic diversity, plant growth promotion abilities and osmotolerance. *Science of the Total Environment*, **2018**, 645, 1094-1102	10.2	30

171	Coastal sediments under the influence of multiple organic enrichment sources: An evaluation using carbon and nitrogen stable isotopes. *Marine Pollution Bulletin*, **2010**, 60, 272-82	6.7	30
170	Effects of seawater acidification on Diopatra neapolitana (Polychaete, Onuphidae): Biochemical and regenerative capacity responses. *Ecological Indicators*, **2016**, 60, 152-161	5.8	28
169	The influence of temperature on the effects induced by Triclosan and Diclofenac in mussels. *Science of the Total Environment*, **2019**, 663, 992-999	10.2	28
168	Combined effects of arsenic, salinity and temperature on Crassostrea gigas embryotoxicity. *Ecotoxicology and Environmental Safety*, **2018**, 147, 251-259	7	28
167	Biochemical alterations induced in Hediste diversicolor under seawater acidification conditions. *Marine Environmental Research*, **2016**, 117, 75-84	3.3	28
166	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in Scrobicularia plana. *Journal of Hazardous Materials*, **2017**, 323, 220-232	12.8	27
165	The effects of salinity changes on the Polychaete Diopatra neapolitana: Impacts on regenerative capacity and biochemical markers. *Aquatic Toxicology*, **2015**, 163, 167-76	5.1	27
164	Ruditapes philippinarum and Ruditapes decussatus under Hg environmental contamination. *Environmental Science and Pollution Research*, **2015**, 22, 11890-904	5.1	27
163	Can Diopatra neapolitana (Annelida: Onuphidae) regenerate body damage caused by bait digging or predation?. *Estuarine, Coastal and Shelf Science*, **2012**, 110, 36-42	2.9	27
162	Caulerpa prolifera stable isotope ratios reveal anthropogenic nutrients within a tidal lagoon. *Marine Ecology - Progress Series*, **2009**, 390, 117-128	2.6	27
161	Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of R. philippinarum. *Aquatic Toxicology*, **2018**, 198, 10-19	5.1	26
160	Clams sensitivity towards As and Hg: A comprehensive assessment of native and exotic species. *Ecotoxicology and Environmental Safety*, **2016**, 125, 43-54	7	26
159	Consumption of Ruditapes philippinarum and Ruditapes decussatus: comparison of element accumulation and health risk. *Environmental Science and Pollution Research*, **2013**, 20, 5682-91	5.1	26
158	The role of GSTs in the tolerance of Rhizobium leguminosarum to cadmium. *BioMetals*, **2013**, 26, 879-86	3.4	26
157	Concentrations levels and effects of 17alpha-Ethinylestradiol in freshwater and marine waters and bivalves: A review. *Environmental Research*, **2020**, 185, 109316	7.9	25
156	The impacts of As accumulation under different pH levels: Comparing Ruditapes decussatus and Ruditapes philippinarum biochemical performance. *Environmental Research*, **2016**, 151, 653-662	7.9	25
155	The impacts of seawater acidification on Ruditapes philippinarum sensitivity to carbon nanoparticles. *Environmental Science: Nano*, **2017**, 4, 1692-1704	7.1	25
154	Multiple stressors in estuarine waters: Effects of arsenic and salinity on Ruditapes philippinarum. *Science of the Total Environment*, **2016**, 541, 1106-1114	10.2	24

153	Subcellular partitioning of elements and availability for trophic transfer: Comparison between the Bivalve Cerastoderma edule and the Polychaete Diopatra neapolitana. *Estuarine, Coastal and Shelf Science*, **2012**, 99, 21-30	2.9	24
152	Ruditapes decussatus and Ruditapes philippinarum exposed to cadmium: toxicological effects and bioaccumulation patterns. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2012**, 156, 80-6	3.2	24
151	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. *Environmental Pollution*, **2020**, 260, 113859	9.3	24
150	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in Mytilus galloprovincialis. *Environmental Research*, **2019**, 175, 200-212	7.9	23
149	The effect of temperature on Triclosan and Lead exposed mussels. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2019**, 232, 42-50	2.3	23
148	Broad-scale mapping of seafloor habitats in the north-east Atlantic using existing environmental data. *Journal of Sea Research*, **2015**, 100, 120-132	1.9	23
147	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in Diopatra neapolitana and Arenicola marina. *Environmental Pollution*, **2016**, 214, 456-463	9.3	23
146	Exploring the potentialities of comprehensive two-dimensional gas chromatography coupled to time of flight mass spectrometry to distinguish bivalve species: Comparison of two clam species (Venerupis decussata and Venerupis philippinarum). *Journal of Chromatography A*, **2013**, 1315, 152-61	4.5	23
145	Effects of multi-walled carbon nanotube materials on Ruditapes philippinarum under climate change: The case of salinity shifts. *Aquatic Toxicology*, **2018**, 199, 199-211	5.1	22
144	Influence of temperature rise on the recovery capacity of Mytilus galloprovincialis exposed to mercury pollution. *Ecological Indicators*, **2018**, 93, 1060-1069	5.8	22
143	Are the effects induced by increased temperature enhanced in Mytilus galloprovincialis submitted to air exposure?. *Science of the Total Environment*, **2019**, 647, 431-440	10.2	22
142	A history of invasion: COI phylogeny of Manila clam Ruditapes philippinarum in Europe. *Fisheries Research*, **2017**, 186, 25-35	2.3	22
141	Preliminary evaluation of Diopatra neapolitana regenerative capacity as a biomarker for paracetamol exposure. *Environmental Science and Pollution Research*, **2015**, 22, 13382-92	5.1	22
140	Single-beam acoustic ground discrimination of shallow water habitats: 50kHz or 200kHz frequency survey?. *Estuarine, Coastal and Shelf Science*, **2008**, 78, 613-622	2.9	22
139	Validation of soft bottom benthic habitats identified by single-beam acoustics. *Marine Pollution Bulletin*, **2006**, 53, 72-9	6.7	22
138	The influence of climate change related factors on the response of two clam species to diclofenac. *Ecotoxicology and Environmental Safety*, **2020**, 189, 109899	7	22
137	Remote sensing of underwater vegetation using single-beam acoustics. *ICES Journal of Marine Science*, **2010**, 67, 594-605	2.7	21
136	Combined effects of salinity changes and salicylic acid exposure in Mytilus galloprovincialis. *Science of the Total Environment*, **2020**, 715, 136804	10.2	21

135	Toxicological effects of the rare earth element neodymium in Mytilus galloprovincialis. *Chemosphere*, **2020**, 244, 125457	8.4	21
134	The influence of temperature and salinity on the impacts of lead in Mytilus galloprovincialis. *Chemosphere*, **2019**, 235, 403-412	8.4	20
133	Biochemical performance of native and introduced clam species living in sympatry: The role of elements accumulation and partitioning. *Marine Environmental Research*, **2015**, 109, 81-94	3.3	20
132	Toxic impacts induced by Sodium lauryl sulfate in Mytilus galloprovincialis. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2020**, 242, 110656	2.6	20
131	Suitability of cholinesterase of polychaete Diopatra neapolitana as biomarker of exposure to pesticides: In vitro characterization. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 191, 152-159	3.2	20
130	Physiological and biochemical impacts of graphene oxide in polychaetes: The case of Diopatra neapolitana. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 193, 50-60	3.2	19
129	Ecotoxicity of the antihistaminic drug cetirizine to Ruditapes philippinarum clams. *Science of the Total Environment*, **2017**, 601-602, 793-801	10.2	19
128	Toxicity associated to uptake and depuration of carbamazepine in the clam Scrobicularia plana under a chronic exposure. *Science of the Total Environment*, **2017**, 580, 1129-1145	10.2	19
127	Does salinity modulates the response of Mytilus galloprovincialis exposed to triclosan and diclofenac?. *Environmental Pollution*, **2019**, 251, 756-765	9.3	19
126	Biochemical changes in mussels submitted to different time periods of air exposure. *Environmental Science and Pollution Research*, **2018**, 25, 8903-8913	5.1	19
125	Estuarine sediment acute toxicity testing with the European amphipod Corophium multisetosum Stock, 1952. *Chemosphere*, **2009**, 76, 1323-33	8.4	19
124	Hediste diversicolor as bioindicator of pharmaceutical pollution: Results from single and combined exposure to carbamazepine and caffeine. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2016**, 188, 30-8	3.2	18
123	Oxidative stress, metabolic and histopathological alterations in mussels exposed to remediated seawater by GO-PEI after contamination with mercury. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2020**, 243, 110674	2.6	17
122	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. *Science of the Total Environment*, **2019**, 650, 987-995	10.2	17
121	Response of Rhizobium to Cd exposure: A volatile perspective. *Environmental Pollution*, **2017**, 231, 802-811	9.3	16
120	Does pre-exposure to warming conditions increase Mytilus galloprovincialis tolerance to Hg contamination?. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 203, 1-11	3.2	16
119	The impacts of warming on the toxicity of carbon nanotubes in mussels. *Marine Environmental Research*, **2019**, 145, 11-21	3.3	16
118	Biochemical and physiological responses of two clam species to Triclosan combined with climate change scenario. *Science of the Total Environment*, **2020**, 724, 138143	10.2	16

117	The use of Cerastoderma glaucum as a sentinel and bioindicator species: Take-home message. *Ecological Indicators*, **2016**, 62, 228-241	5.8	16
116	The leaf-bag and the sediment sample: Two sides of the same ecological quality story?. *Estuarine, Coastal and Shelf Science*, **2011**, 95, 326-337	2.9	16
115	Sea-bottom classification across a shallow-water bar channel and near-shore shelf, using single-beam acoustics. *Estuarine, Coastal and Shelf Science*, **2005**, 65, 625-632	2.9	16
114	Metals and As content in sediments and Manila clam Ruditapes philippinarum in the Tagus estuary (Portugal): Impacts and risk for human consumption. *Marine Pollution Bulletin*, **2018**, 126, 281-292	6.7	16
113	Clam Ruditapes philippinarum recovery from short-term exposure to the combined effect of salinity shifts and Arsenic contamination. *Aquatic Toxicology*, **2016**, 173, 154-164	5.1	15
112	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. *Aquatic Toxicology*, **2021**, 230, 105673	5.1	15
111	Effects of a novel anticorrosion engineered nanomaterial on the bivalve Ruditapes philippinarum. *Environmental Science: Nano*, **2017**, 4, 1064-1076	7.1	14
110	The antineoplastic drugs cyclophosphamide and cisplatin in the aquatic environment - Review. *Journal of Hazardous Materials*, **2021**, 412, 125028	12.8	14
109	Exploring alternative biomarkers of pesticide pollution in clams. *Marine Pollution Bulletin*, **2018**, 136, 61-67	6.7	14
108	What do we know about the ecotoxicological implications of the rare earth element gadolinium in aquatic ecosystems?. *Science of the Total Environment*, **2021**, 781, 146273	10.2	14
107	Different efficiencies of the same mechanisms result in distinct Cd tolerance within Rhizobium. *Ecotoxicology and Environmental Safety*, **2018**, 150, 260-269	7	13
106	Impacts of the combined exposure to seawater acidification and arsenic on the proteome of Crassostrea angulata and Crassostrea gigas. *Aquatic Toxicology*, **2018**, 203, 117-129	5.1	13
105	Genetic diversity of introduced Manila clam Ruditapes philippinarum populations inferred by 16S rDNA. *Biochemical Systematics and Ecology*, **2014**, 57, 52-59	1.4	13
104	Biochemical alterations in native and exotic oyster species in Brazil in response to increasing temperature. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 191, 183-193	3.2	13
103	Will temperature rise change the biochemical alterations induced in Mytilus galloprovincialis by cerium oxide nanoparticles and mercury?. *Environmental Research*, **2020**, 188, 109778	7.9	12
102	Toxic impacts of rutile titanium dioxide in Mytilus galloprovincialis exposed to warming conditions. *Chemosphere*, **2020**, 252, 126563	8.4	12
101	Are the impacts of carbon nanotubes enhanced in Mytilus galloprovincialis submitted to air exposure?. *Aquatic Toxicology*, **2018**, 202, 163-172	5.1	12
100	The use of carboxylesterases as biomarkers of pesticide exposure in bivalves: A methodological approach. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2018**, 212, 18-24	3.2	12

99	Salt tolerance of rhizobial populations from contrasting environmental conditions: understanding the implications of climate change. *Ecotoxicology*, **2015**, 24, 143-52	2.9	12
98	Venerupis decussata under environmentally relevant lead concentrations: Bioconcentration, tolerance, and biochemical alterations. *Environmental Toxicology and Chemistry*, **2014**, 33, 2786-94	3.8	12
97	Potential impacts of lanthanum and yttrium through embryotoxicity assays with Crassostrea gigas. *Ecological Indicators*, **2020**, 108, 105687	5.8	12
96	Effects of sediment contamination on physiological and biochemical responses of the polychaete Diopatra neapolitana, an exploited natural resource. *Marine Pollution Bulletin*, **2017**, 119, 119-131	6.7	11
95	Spatio-temporal variation of trematode parasites community in Cerastoderma edule cockles from Ria de Aveiro (Portugal). *Environmental Research*, **2018**, 164, 114-123	7.9	11
94	The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. *Scientific Reports*, **2018**, 8, 8571	4.9	11
93	Biochemical and histopathological impacts of rutile and anatase (TiO forms) in Mytilus galloprovincialis. *Science of the Total Environment*, **2020**, 719, 134886	10.2	11
92	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm Ficopomatus enigmaticus (Fauvel, 1923). *Marine Environmental Research*, **2019**, 143, 1-9	3.3	11
91	Review: Bucephalus minimus, a deleterious trematode parasite of cockles Cerastoderma spp. *Parasitology Research*, **2015**, 114, 1263-78	2.4	10
90	Trematode infection modulates cockles biochemical response to climate change. *Science of the Total Environment*, **2018**, 637-638, 30-40	10.2	10
89	Bioaccumulation patterns, element partitioning and biochemical performance of Venerupis corrugata from a low contaminated system. *Environmental Toxicology*, **2016**, 31, 569-83	4.2	10
88	Mercury uptake and allocation in Juncus maritimus: implications for phytoremediation and restoration of a mercury contaminated salt marsh. *Journal of Environmental Monitoring*, **2012**, 14, 2181-8		10
87	Accumulation and sub-cellular partitioning of metals and As in the clam Venerupis corrugata: Different strategies towards different elements. *Chemosphere*, **2016**, 156, 128-134	8.4	10
86	The influence of simulated global ocean acidification on the toxic effects of carbon nanoparticles on polychaetes. *Science of the Total Environment*, **2019**, 666, 1178-1187	10.2	10
85	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. *Environmental Toxicology and Pharmacology*, **2021**, 86, 103661	5.8	10
84	Comparative sensitivity of Crassostrea angulata and Crassostrea gigas embryo-larval development to As under varying salinity and temperature. *Marine Environmental Research*, **2018**, 140, 135-144	3.3	9
83	Reproductive biology of a brooding Diopatra species: Diopatra marocensis. *Estuarine, Coastal and Shelf Science*, **2012**, 110, 85-92	2.9	9
82	Indices, multispecies and synthesis descriptors in benthic assessments: Intertidal organic enrichment from oyster farming. *Estuarine, Coastal and Shelf Science*, **2012**, 110, 190-201	2.9	9

81	How safe are the new green energy resources for marine wildlife? The case of lithium. *Environmental Pollution*, **2020**, 267, 115458	9.3	9
80	Seasonal variation of transcriptomic and biochemical parameters of cockles (Cerastoderma edule) related to their infection by trematode parasites. *Journal of Invertebrate Pathology*, **2017**, 148, 73-80	2.6	8
79	Impacts of ocean acidification on carboxylated carbon nanotube effects induced in the clam species Ruditapes philippinarum. *Environmental Science and Pollution Research*, **2019**, 26, 20742-20752	5.1	8
78	Single-beam acoustic variability associated with seabed habitats. *Journal of Sea Research*, **2015**, 100, 152-159	1.9	8
77	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. *Science of the Total Environment*, **2020**, 723, 137798	10.2	8
76	The effects of co-exposure of graphene oxide and copper under different pH conditions in Manila clam Ruditapes philippinarum. *Environmental Science and Pollution Research*, **2020**, 27, 30945-30956	5.1	8
75	Pollution effects on biochemical pathways determined in the polychaete Hediste diversicolor collected in three Portuguese estuaries. *Environmental Sciences: Processes and Impacts*, **2016**, 18, 1208-19	4.3	8
74	Null alleles of microsatellites for Manila clam Ruditapes philippinarum. *Animal Genetics*, **2016**, 47, 135-6	2.5	8
73	Toxicity beyond accumulation of Titanium after exposure of Mytilus galloprovincialis to spiked seawater. *Environmental Pollution*, **2019**, 244, 845-854	9.3	8
72	Ficopomatus enigmaticus larval development assay: An application for toxicity assessment of marine sediments. *Marine Pollution Bulletin*, **2019**, 139, 189-196	6.7	7
71	Biogeochemical dynamics and bioaccumulation processes in Manila clam: Implications for biodiversity and ecosystem services in the Ria de Aveiro Lagoon. *Estuarine, Coastal and Shelf Science* , **2018**, 209, 136-148	2.9	7
70	Alterations in macroinvertebrate spatial patterns in coastal lagoons: Bidos (NW coast of Portugal) 1984 versus 2002. *Estuarine, Coastal and Shelf Science*, **2012**, 110, 176-189	2.9	7
69	Expansion of lugworms towards southern European habitats and their identification using combined ecological, morphological and genetic approaches. *Marine Ecology - Progress Series*, **2015**, 533, 177-190	2.6	7
68	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. *Water (Switzerland)*, **2020**, 12, 2148	3	7
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