

Rosa F Freitas

List of Publications by Year in descending order

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Version: 2024-02-01

230
papers

6,595
citations

57631

44
h-index

118652

62
g-index

232
all docs

232
docs citations

232
times ranked

4693
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the impact of aquaculture facilities on transplanted mussels (<i>Mytilus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Journal of Hazardous Materials, 2022, 424, 127264.	6.5	10
2	Will climate changes enhance the impacts of e-waste in aquatic systems?. Chemosphere, 2022, 288, 132264.	4.2	12
3	Salinity-dependent impacts on the effects of antiepileptic and antihistaminic drugs in <i>Ruditapes philippinarum</i> . Science of the Total Environment, 2022, 806, 150369.	3.9	7
4	How temperature rise will influence the toxic impacts of 17 β -ethinylestradiol in <i>Mytilus galloprovincialis</i> ?. Environmental Research, 2022, 204, 112279.	3.7	11
5	Effects of ocean acidification on the biochemistry, physiology and parental transfer of <i>Ampelisca brevicornis</i> (Costa, 1853). Environmental Pollution, 2022, 293, 118549.	3.7	4
6	Behavioral, physiological and biochemical responses and differential gene expression in <i>Mytilus galloprovincialis</i> exposed to 17 alpha-ethinylestradiol and sodium lauryl sulfate. Journal of Hazardous Materials, 2022, 426, 128058.	6.5	10
7	The influence of salinity on the toxicity of remediated seawater. Environmental Science and Pollution Research, 2022, 29, 32967-32987.	2.7	3
8	Responses of <i>Ruditapes philippinarum</i> to contamination by pharmaceutical drugs under ocean acidification scenario. Science of the Total Environment, 2022, 824, 153591.	3.9	8
9	Metabolic and oxidative status alterations induced in <i>Ruditapes philippinarum</i> exposed chronically to estrogen 17 β -ethinylestradiol under a warming scenario. Aquatic Toxicology, 2022, 244, 106078.	1.9	8
10	Promising Algae-Based Biotechnology for Terbium Removal and Recovery from Waste(Water). , 2022, , 1885-1909.		0
11	Marine heatwaves hamper neuro-immune and oxidative tolerance toward carbamazepine in <i>Mytilus galloprovincialis</i> . Environmental Pollution, 2022, 300, 118970.	3.7	19
12	Comparative evaluation on the toxic effect of silver (Ag) and zinc oxide (ZnO) nanoparticles on different trophic levels in aquatic ecosystems: A review. Journal of Applied Toxicology, 2022, 42, 1890-1900.	1.4	16
13	Mapping the macrofauna communities of Portugal's continental shelf north of NazarÃ© Canyon using Community Distribution Modelling (CDM). Estuarine, Coastal and Shelf Science, 2022, 270, 107849.	0.9	1
14	Biochemical response of <i>Ficopomatus enigmaticus</i> adults after exposure to organic and inorganic UV filters. Marine Pollution Bulletin, 2022, 178, 113601.	2.3	3
15	Sulfadiazine's photodegradation using a novel magnetic and reusable carbon based photocatalyst: Photocatalytic efficiency and toxic impacts to marine bivalves. Journal of Environmental Management, 2022, 313, 115030.	3.8	10
16	The impact of temperature on lithium toxicity in the gastropod <i>Tritia neritea</i> . Environmental Science and Pollution Research, 2022, 29, 64745-64755.	2.7	4
17	Biochemical alterations caused by lanthanum and gadolinium in <i>Mytilus galloprovincialis</i> after exposure and recovery periods. Environmental Pollution, 2022, 307, 119387.	3.7	5
18	Ecotoxicological effects of the UV-filter 4-MBC on sperms and adults of the mussel <i>Mytilus galloprovincialis</i> . Environmental Research, 2022, 213, 113739.	3.7	13

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19	Micro(nano)plastics and plastic additives effects in marine annelids: A literature review. <i>Environmental Research</i> , 2022, 214, 113642.	3.7	16
20	Do climate change related factors modify the response of <i>Mytilus galloprovincialis</i> to lanthanum? The case of temperature rise. <i>Chemosphere</i> , 2022, 307, 135577.	4.2	7
21	The use of an in vitro approach to assess marine invertebrate carboxylesterase responses to chemicals of environmental concern. <i>Environmental Toxicology and Pharmacology</i> , 2021, 82, 103561.	2.0	11
22	How do life-history traits influence the fate of intertidal and subtidal <i>Mytilus galloprovincialis</i> in a changing climate?. <i>Environmental Research</i> , 2021, 196, 110381.	3.7	2
23	Are we neglecting earth while conquering space? Effects of aluminized solid rocket fuel combustion on the physiology of a tropical freshwater invertebrate. <i>Chemosphere</i> , 2021, 268, 128820.	4.2	7
24	Experimental evidence of uncertain future of the keystone ragworm <i>Hediste diversicolor</i> (O.F. Müller). <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 544, 105400.	3.9	14
25	Sperm quality assessment in <i>Ficopomatus enigmaticus</i> (Fauvel, 1923): Effects of selected organic and inorganic chemicals across salinity levels. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111219.	2.9	10
26	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. <i>Aquatic Toxicology</i> , 2021, 230, 105673.	1.9	23
27	Oxidative stress in <i>Ruditapes philippinarum</i> after exposure to different graphene oxide concentrations in the presence and absence of sediment. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 240, 108922.	1.3	6
28	Parasite Assemblages in a Bivalve Host Associated with Changes in Hydrodynamics. <i>Estuaries and Coasts</i> , 2021, 44, 1036-1049.	1.0	4
29	Impacts of climate change-abiotic factors on the effects caused by pharmaceutical residues to marine organisms. , 2021, , 591-624.		1
30	Promising Algae-Based Biotechnology for Terbium Removal and Recovery from Waste(Water). , 2021, , 1-25.		0
31	How temperature can alter the combined effects of carbon nanotubes and caffeine in the clam <i>Ruditapes decussatus</i> ?. <i>Environmental Research</i> , 2021, 195, 110755.	3.7	7
32	Oxidative stress, metabolic activity and mercury concentrations in Antarctic krill <i>Euphausia superba</i> and myctophid fish of the Southern Ocean. <i>Marine Pollution Bulletin</i> , 2021, 166, 112178.	2.3	3
33	Effects of temperature on caffeine and carbon nanotubes co-exposure in <i>Ruditapes philippinarum</i> . <i>Chemosphere</i> , 2021, 271, 129775.	4.2	14
34	How <i>Ulva lactuca</i> can influence the impacts induced by the rare earth element Gadolinium in <i>Mytilus galloprovincialis</i> ? The role of macroalgae in water safety towards marine wildlife. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112101.	2.9	13
35	The antineoplastic drugs cyclophosphamide and cisplatin in the aquatic environment – Review. <i>Journal of Hazardous Materials</i> , 2021, 412, 125028.	6.5	39
36	Effects of triclosan exposure on the energy budget of <i>Ruditapes philippinarum</i> and <i>R. decussatus</i> under climate change scenarios. <i>Science of the Total Environment</i> , 2021, 777, 146068.	3.9	12

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37	The Influence of Temperature Increase on the Toxicity of Mercury Remediated Seawater Using the Nanomaterial Graphene Oxide on the Mussel <i>Mytilus galloprovincialis</i> . <i>Nanomaterials</i> , 2021, 11, 1978.	1.9	4
38	Bioaccumulation and ecotoxicological responses of clams exposed to terbium and carbon nanotubes: Comparison between native (<i>Ruditapes decussatus</i>) and invasive (<i>Ruditapes philippinarum</i>) species. <i>Science of the Total Environment</i> , 2021, 784, 146914.	3.9	10
39	Mission impossible: Reach the carrion in a lithium pollution and marine warming scenario. <i>Environmental Research</i> , 2021, 199, 111332.	3.7	11
40	What do we know about the ecotoxicological implications of the rare earth element gadolinium in aquatic ecosystems?. <i>Science of the Total Environment</i> , 2021, 781, 146273.	3.9	46
41	How efficient is graphene-based nanocomposite to adsorb Hg from seawater. A laboratory assay to assess the toxicological impacts induced by remediated water towards marine bivalves. <i>Chemosphere</i> , 2021, 277, 130160.	4.2	5
42	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. <i>Environmental Toxicology and Pharmacology</i> , 2021, 86, 103661.	2.0	35
43	Can the recycling of europium from contaminated waters be achieved through living macroalgae? Study on accumulation and toxicological impacts under realistic concentrations. <i>Science of the Total Environment</i> , 2021, 786, 147176.	3.9	14
44	Effect of light on the trematode <i>Himasthla elongata</i> : from cercarial behaviour to infection success. <i>Diseases of Aquatic Organisms</i> , 2021, 146, 23-28.	0.5	1
45	The influence of salinity on sodium lauryl sulfate toxicity in <i>Mytilus galloprovincialis</i> . <i>Environmental Toxicology and Pharmacology</i> , 2021, 87, 103715.	2.0	15
46	Salinity influences on the response of <i>Mytilus galloprovincialis</i> to the rare-earth element lanthanum. <i>Science of the Total Environment</i> , 2021, 794, 148512.	3.9	10
47	Effects of the antineoplastic drug cyclophosphamide on the biochemical responses of the mussel <i>Mytilus galloprovincialis</i> under different temperatures. <i>Environmental Pollution</i> , 2021, 288, 117735.	3.7	8
48	Ecotoxicological screening of UV-filters using a battery of marine bioassays. <i>Environmental Pollution</i> , 2021, 290, 118011.	3.7	13
49	Coating with polysaccharides influences the surface charge of cerium oxide nanoparticles and their effects to <i>Mytilus galloprovincialis</i> . <i>NanoImpact</i> , 2021, 24, 100362.	2.4	4
50	One in a Million: Genetic Diversity and Conservation of the Reference <i>Crassostrea angulata</i> Population in Europe from the Sado Estuary (Portugal). <i>Life</i> , 2021, 11, 1173.	1.1	2
51	Potential impacts of lanthanum and yttrium through embryotoxicity assays with <i>Crassostrea gigas</i> . <i>Ecological Indicators</i> , 2020, 108, 105687.	2.6	19
52	Biochemical and histopathological impacts of rutile and anatase (TiO ₂ forms) in <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2020, 719, 134886.	3.9	20
53	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. <i>Environmental Pollution</i> , 2020, 260, 113859.	3.7	39
54	Large scale patterns of trematode parasite communities infecting <i>Cerastoderma edule</i> along the Atlantic coast from Portugal to Morocco. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 233, 106546.	0.9	8

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55	Paralytic shellfish toxin profiles in mussel, cockle and razor shell under post-bloom natural conditions: Evidence of higher biotransformation in razor shells and cockles. <i>Marine Environmental Research</i> , 2020, 154, 104839.	1.1	17
56	The effects of co-exposure of graphene oxide and copper under different pH conditions in Manila clam <i>Ruditapes philippinarum</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 30945-30956.	2.7	14
57	The influence of climate change related factors on the response of two clam species to diclofenac. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109899.	2.9	32
58	Toxicological effects of the rare earth element neodymium in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2020, 244, 125457.	4.2	53
59	How costly are metacercarial infections in a bivalve host? Effects of two trematode species on biochemical performance of cockles. <i>Journal of Invertebrate Pathology</i> , 2020, 177, 107479.	1.5	13
60	Relationship between wild-caught organisms for bioassays and sampling areas: Widespread serpulid early-development comparison between two distinct populations after trace element exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111094.	2.9	1
61	Bioaccumulation and biochemical patterns of <i>Ruditapes philippinarum</i> clams: Responses to seasonality and low contamination levels. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106883.	0.9	6
62	Impacts of UV Filters in <i>Mytilus galloprovincialis</i> : Preliminary Data on the Acute Effects Induced by Environmentally Relevant Concentrations. <i>Sustainability</i> , 2020, 12, 6852.	1.6	12
63	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. <i>Water (Switzerland)</i> , 2020, 12, 2148.	1.2	12
64	Effects of Carbamazepine in Bivalves: A Review. <i>Reviews of Environmental Contamination and Toxicology</i> , 2020, 254, 163-181.	0.7	0
65	Does salinity variation increase synergistic effects of triclosan and carbon nanotubes on <i>Mytilus galloprovincialis</i> ? Responses on adult tissues and sperms. <i>Science of the Total Environment</i> , 2020, 734, 138837.	3.9	16
66	Special issue on challenges in emerging environmental contaminants CEEC19. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30903-30906.	2.7	2
67	Biomarker considerations in monitoring petrogenic pollution using the mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 31854-31862.	2.7	13
68	Will temperature rise change the biochemical alterations induced in <i>Mytilus galloprovincialis</i> by cerium oxide nanoparticles and mercury?. <i>Environmental Research</i> , 2020, 188, 109778.	3.7	37
69	<i>Monorchis parvus</i> and <i>Gymnophallus choledochus</i> : two trematode species infecting cockles as first and second intermediate host. <i>Parasitology</i> , 2020, 147, 643-658.	0.7	11
70	Environmental Fate of Multistressors on Carpet Shell Clam <i>Ruditapes decussatus</i> : Carbon Nanoparticles and Temperature Variation. <i>Sustainability</i> , 2020, 12, 4939.	1.6	10
71	Impacts of salicylic acid in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103448.	2.0	59
72	Biochemical performance of mussels, cockles and razor shells contaminated by paralytic shellfish toxins. <i>Environmental Research</i> , 2020, 188, 109846.	3.7	15

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73	Concentrations levels and effects of 17alpha-Ethinylestradiol in freshwater and marine waters and bivalves: A review. <i>Environmental Research</i> , 2020, 185, 109316.	3.7	53
74	Oxidative stress, metabolic and histopathological alterations in mussels exposed to remediated seawater by GO-PEI after contamination with mercury. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 243, 110674.	0.8	28
75	Toxic impacts induced by Sodium lauryl sulfate in <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 242, 110656.	0.8	40
76	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. <i>Science of the Total Environment</i> , 2020, 723, 137798.	3.9	11
77	Biochemical and physiological responses of two clam species to Triclosan combined with climate change scenario. <i>Science of the Total Environment</i> , 2020, 724, 138143.	3.9	32
78	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. <i>Environmental Pollution</i> , 2020, 263, 114442.	3.7	62
79	Antioxidative and neurotoxicity effects of acute and chronic exposure of the estuarine polychaete <i>Hediste diversicolor</i> to paracetamol. <i>Environmental Toxicology and Pharmacology</i> , 2020, 77, 103377.	2.0	9
80	Toxic impacts of rutile titanium dioxide in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Chemosphere</i> , 2020, 252, 126563.	4.2	30
81	How safe are the new green energy resources for marine wildlife? The case of lithium. <i>Environmental Pollution</i> , 2020, 267, 115458.	3.7	23
82	Combined effects of salinity changes and salicylic acid exposure in <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2020, 715, 136804.	3.9	32
83	Are the effects induced by increased temperature enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Science of the Total Environment</i> , 2019, 647, 431-440.	3.9	40
84	Soluble esterases as biomarkers of neurotoxic compounds in the widespread serpulid <i>Ficopomatus enigmaticus</i> (Fauvel, 1923). <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 883-891.	0.7	5
85	Biochemical and physiological responses induced in <i>Mytilus galloprovincialis</i> after a chronic exposure to salicylic acid. <i>Aquatic Toxicology</i> , 2019, 214, 105258.	1.9	85
86	Engineered nanomaterials: From their properties and applications, to their toxicity towards marine bivalves in a changing environment. <i>Environmental Research</i> , 2019, 178, 108683.	3.7	56
87	<i>Ficopomatus enigmaticus</i> larval development assay: An application for toxicity assessment of marine sediments. <i>Marine Pollution Bulletin</i> , 2019, 139, 189-196.	2.3	11
88	The impacts of warming on the toxicity of carbon nanotubes in mussels. <i>Marine Environmental Research</i> , 2019, 145, 11-21.	1.1	30
89	Seasonal variation of transcriptomic and biochemical parameters of <i>Donax trunculus</i> related to its infection by <i>Bacciger bacciger</i> (trematode parasite). <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 291-299.	0.9	7
90	The influence of temperature and salinity on the impacts of lead in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2019, 235, 403-412.	4.2	37

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91	Chromium removal from contaminated waters using nanomaterials " A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 277-291.	5.8	103
92	Impacts of ocean acidification on carboxylated carbon nanotube effects induced in the clam species <i>Ruditapes philippinarum</i> . Environmental Science and Pollution Research, 2019, 26, 20742-20752.	2.7	13
93	Does salinity modulates the response of <i>Mytilus galloprovincialis</i> exposed to triclosan and diclofenac?. Environmental Pollution, 2019, 251, 756-765.	3.7	23
94	The influence of Climate Change on the fate and behavior of different carbon nanotubes materials and implication to estuarine invertebrates. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 219, 103-115.	1.3	3
95	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . Environmental Research, 2019, 175, 200-212.	3.7	28
96	Ecotoxicological effects of lanthanum in <i>Mytilus galloprovincialis</i> : Biochemical and histopathological impacts. Aquatic Toxicology, 2019, 211, 181-192.	1.9	89
97	The influence of temperature on the effects induced by Triclosan and Diclofenac in mussels. Science of the Total Environment, 2019, 663, 992-999.	3.9	47
98	The effect of temperature on Triclosan and Lead exposed mussels. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 232, 42-50.	0.7	48
99	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.	3.9	15
100	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels <i>Mytilus galloprovincialis</i> . Science of the Total Environment, 2019, 664, 626-634.	3.9	67
101	Toxic Effects of Metal Nanoparticles in Marine Invertebrates. Engineering Materials, 2019, , 175-224.	0.3	4
102	Seasonal and spatial alterations in macrofaunal communities and in <i>Nephtys cirrosa</i> (Polychaeta) oxidative stress under a salinity gradient: A comparative field monitoring approach. Ecological Indicators, 2019, 96, 192-201.	2.6	5
103	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. Science of the Total Environment, 2019, 650, 987-995.	3.9	21
104	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm <i>Ficopomatus enigmaticus</i> (Fauvel, 1923). Marine Environmental Research, 2019, 143, 1-9.	1.1	17
105	Toxicity beyond accumulation of Titanium after exposure of <i>Mytilus galloprovincialis</i> to spiked seawater. Environmental Pollution, 2019, 244, 845-854.	3.7	16
106	Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of <i>R. philippinarum</i> . Aquatic Toxicology, 2018, 198, 10-19.	1.9	35
107	Effects of carbamazepine and cetirizine under an ocean acidification scenario on the biochemical and transcriptome responses of the clam <i>Ruditapes philippinarum</i> . Environmental Pollution, 2018, 235, 857-868.	3.7	39
108	Spatio-temporal variation of trematode parasites community in <i>Cerastoderma edule</i> cockles from Ria de Aveiro (Portugal). Environmental Research, 2018, 164, 114-123.	3.7	18

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109	Effects of multi-walled carbon nanotube materials on <i>Ruditapes philippinarum</i> under climate change: The case of salinity shifts. <i>Aquatic Toxicology</i> , 2018, 199, 199-211.	1.9	25
110	Different efficiencies of the same mechanisms result in distinct Cd tolerance within <i>Rhizobium</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 150, 260-269.	2.9	20
111	Biochemical changes in mussels submitted to different time periods of air exposure. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8903-8913.	2.7	30
112	An overview of graphene materials: Properties, applications and toxicity on aquatic environments. <i>Science of the Total Environment</i> , 2018, 631-632, 1440-1456.	3.9	134
113	Toxic effects of multi-walled carbon nanotubes on bivalves: Comparison between functionalized and nonfunctionalized nanoparticles. <i>Science of the Total Environment</i> , 2018, 622-623, 1532-1542.	3.9	57
114	Biochemical responses and accumulation patterns of <i>Mytilus galloprovincialis</i> exposed to thermal stress and Arsenic contamination. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 954-962.	2.9	85
115	Combined effects of arsenic, salinity and temperature on <i>Crassostrea gigas</i> embryotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 251-259.	2.9	36
116	Native and exotic oysters in Brazil: Comparative tolerance to hypercapnia. <i>Environmental Research</i> , 2018, 161, 202-211.	3.7	7
117	Metals and As content in sediments and Manila clam <i>Ruditapes philippinarum</i> in the Tagus estuary (Portugal): Impacts and risk for human consumption. <i>Marine Pollution Bulletin</i> , 2018, 126, 281-292.	2.3	18
118	Interactive effects of contamination and trematode infection in cockles biochemical performance. <i>Environmental Pollution</i> , 2018, 243, 1469-1478.	3.7	12
119	Protective effects of farnesol on a <i>Rhizobium</i> strain exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 622-629.	2.9	9
120	Exploring alternative biomarkers of pesticide pollution in clams. <i>Marine Pollution Bulletin</i> , 2018, 136, 61-67.	2.3	22
121	Does the exposure to salinity variations and water dispersible carbon nanotubes induce oxidative stress in <i>Hediste diversicolor</i> ?. <i>Marine Environmental Research</i> , 2018, 141, 186-195.	1.1	9
122	Influence of temperature rise on the recovery capacity of <i>Mytilus galloprovincialis</i> exposed to mercury pollution. <i>Ecological Indicators</i> , 2018, 93, 1060-1069.	2.6	30
123	Bacteria from nodules of wild legume species: Phylogenetic diversity, plant growth promotion abilities and osmotolerance. <i>Science of the Total Environment</i> , 2018, 645, 1094-1102.	3.9	44
124	Impacts of the combined exposure to seawater acidification and arsenic on the proteome of <i>Crassostrea angulata</i> and <i>Crassostrea gigas</i> . <i>Aquatic Toxicology</i> , 2018, 203, 117-129.	1.9	20
125	Are the impacts of carbon nanotubes enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Aquatic Toxicology</i> , 2018, 202, 163-172.	1.9	12
126	Biogeochemical dynamics and bioaccumulation processes in Manila clam: Implications for biodiversity and ecosystem services in the Ria de Aveiro Lagoon. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 209, 136-148.	0.9	11

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127	Trematode infection modulates cockles biochemical response to climate change. <i>Science of the Total Environment</i> , 2018, 637-638, 30-40.	3.9	16
128	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. <i>Journal of Hazardous Materials</i> , 2018, 358, 484-493.	6.5	54
129	The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. <i>Scientific Reports</i> , 2018, 8, 8571.	1.6	12
130	Comparative sensitivity of <i>Crassostrea angulata</i> and <i>Crassostrea gigas</i> embryo-larval development to As under varying salinity and temperature. <i>Marine Environmental Research</i> , 2018, 140, 135-144.	1.1	15
131	The use of carboxylesterases as biomarkers of pesticide exposure in bivalves: A methodological approach. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 212, 18-24.	1.3	18
132	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in <i>Scrobicularia plana</i> . <i>Journal of Hazardous Materials</i> , 2017, 323, 220-232.	6.5	33
133	Physiological and biochemical impacts of graphene oxide in polychaetes: The case of <i>Diopatra neapolitana</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 193, 50-60.	1.3	24
134	Physiological and biochemical responses of two keystone polychaete species: <i>Diopatra neapolitana</i> and <i>Hediste diversicolor</i> to Multi-walled carbon nanotubes. <i>Environmental Research</i> , 2017, 154, 126-138.	3.7	41
135	Effects of a novel anticorrosion engineered nanomaterial on the bivalve <i>Ruditapes philippinarum</i> . <i>Environmental Science: Nano</i> , 2017, 4, 1064-1076.	2.2	21
136	Effects of seawater acidification and salinity alterations on metabolic, osmoregulation and oxidative stress markers in <i>Mytilus galloprovincialis</i> . <i>Ecological Indicators</i> , 2017, 79, 54-62.	2.6	78
137	Physiological and biochemical impacts induced by mercury pollution and seawater acidification in <i>Hediste diversicolor</i> . <i>Science of the Total Environment</i> , 2017, 595, 691-701.	3.9	51
138	Ecotoxicity of the antihistaminic drug cetirizine to <i>Ruditapes philippinarum</i> clams. <i>Science of the Total Environment</i> , 2017, 601-602, 793-801.	3.9	24
139	Seasonal variation of transcriptomic and biochemical parameters of cockles (<i>Cerastoderma edule</i>) related to their infection by trematode parasites. <i>Journal of Invertebrate Pathology</i> , 2017, 148, 73-80.	1.5	9
140	Biochemical impacts of Hg in <i>Mytilus galloprovincialis</i> under present and predicted warming scenarios. <i>Science of the Total Environment</i> , 2017, 601-602, 1129-1138.	3.9	88
141	Effects of sediment contamination on physiological and biochemical responses of the polychaete <i>Diopatra neapolitana</i> , an exploited natural resource. <i>Marine Pollution Bulletin</i> , 2017, 119, 119-131.	2.3	17
142	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , 2017, 114, 316-326.	5.3	52
143	The impacts of emergent pollutants on <i>Ruditapes philippinarum</i> : biochemical responses to carbon nanoparticles exposure. <i>Aquatic Toxicology</i> , 2017, 187, 38-47.	1.9	46
144	Physiological and biochemical alterations induced in the mussel <i>Mytilus galloprovincialis</i> after short and long-term exposure to carbamazepine. <i>Water Research</i> , 2017, 117, 102-114.	5.3	71

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145	Effects of seawater temperature increase on economically relevant native and introduced clam species. <i>Marine Environmental Research</i> , 2017, 123, 62-70.	1.1	59
146	Toxicity associated to uptake and depuration of carbamazepine in the clam <i>Scrobicularia plana</i> under a chronic exposure. <i>Science of the Total Environment</i> , 2017, 580, 1129-1145.	3.9	23
147	Response of <i>Rhizobium</i> to Cd exposure: A volatile perspective. <i>Environmental Pollution</i> , 2017, 231, 802-811.	3.7	22
148	Toxicological effects of paracetamol on the clam <i>Ruditapes philippinarum</i> : exposure vs recovery. <i>Aquatic Toxicology</i> , 2017, 192, 198-206.	1.9	53
149	Does pre-exposure to warming conditions increase <i>Mytilus galloprovincialis</i> tolerance to Hg contamination?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 203, 1-11.	1.3	20
150	The impacts of seawater acidification on <i>Ruditapes philippinarum</i> sensitivity to carbon nanoparticles. <i>Environmental Science: Nano</i> , 2017, 4, 1692-1704.	2.2	31
151	Suitability of cholinesterase of polychaete <i>Diopatra neapolitana</i> as biomarker of exposure to pesticides: In vitro characterization. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 191, 152-159.	1.3	23
152	Biochemical alterations in native and exotic oyster species in Brazil in response to increasing temperature. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 191, 183-193.	1.3	20
153	A history of invasion: COI phylogeny of Manila clam <i>Ruditapes philippinarum</i> in Europe. <i>Fisheries Research</i> , 2017, 186, 25-35.	0.9	25
154	Bioaccumulation patterns, element partitioning and biochemical performance of <i>Venerupis corrugata</i> from a low contaminated system. <i>Environmental Toxicology</i> , 2016, 31, 569-583.	2.1	12
155	Accumulation and sub-cellular partitioning of metals and As in the clam <i>Venerupis corrugata</i> : Different strategies towards different elements. <i>Chemosphere</i> , 2016, 156, 128-134.	4.2	12
156	Native and introduced clams biochemical responses to salinity and pH changes. <i>Science of the Total Environment</i> , 2016, 566-567, 260-268.	3.9	59
157	Combined effects of seawater acidification and salinity changes in <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , 2016, 176, 141-150.	1.9	78
158	Salinity influences the biochemical response of <i>Crassostrea angulata</i> to Arsenic. <i>Environmental Pollution</i> , 2016, 214, 756-766.	3.7	42
159	Biochemical alterations induced in <i>Hediste diversicolor</i> under seawater acidification conditions. <i>Marine Environmental Research</i> , 2016, 117, 75-84.	1.1	42
160	Biochemical and physiological alterations induced in <i>Diopatra neapolitana</i> after a long-term exposure to Arsenic. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 189, 1-9.	1.3	5
161	Pollution effects on biochemical pathways determined in the polychaete <i>Hediste diversicolor</i> collected in three Portuguese estuaries. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1208-1219.	1.7	9
162	Null alleles of microsatellites for Manila clam <i>Ruditapes philippinarum</i> . <i>Animal Genetics</i> , 2016, 47, 135-136.	0.6	11

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163	The impacts of As accumulation under different pH levels: Comparing <i>Ruditapes decussatus</i> and <i>Ruditapes philippinarum</i> biochemical performance. <i>Environmental Research</i> , 2016, 151, 653-662.	3.7	27
164	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in <i>Diopatra neapolitana</i> and <i>Arenicola marina</i> . <i>Environmental Pollution</i> , 2016, 214, 456-463.	3.7	40
165	Novel insights on the diversity and ecology of the Family Lumbrineridae (Polychaeta) along the Iberian Peninsula coasts. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 1427-1435.	0.4	7
166	Caffeine impacts in the clam <i>Ruditapes philippinarum</i> : Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. <i>Chemosphere</i> , 2016, 160, 95-103.	4.2	77
167	<i>Hediste diversicolor</i> as bioindicator of pharmaceutical pollution: Results from single and combined exposure to carbamazepine and caffeine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 188, 30-38.	1.3	26
168	Intraspecific differences in cadmium tolerance of <i>Nitzschia palea</i> (Kützting) W. Smith: a biochemical approach. <i>Ecotoxicology</i> , 2016, 25, 1305-1317.	1.1	6
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171	The impacts of pharmaceutical drugs under ocean acidification: New data on single and combined long-term effects of carbamazepine on <i>Scrobicularia plana</i> . <i>Science of the Total Environment</i> , 2016, 541, 977-985.	3.9	80
172	Multiple stressors in estuarine waters: Effects of arsenic and salinity on <i>Ruditapes philippinarum</i> . <i>Science of the Total Environment</i> , 2016, 541, 1106-1114.	3.9	31
173	The use of <i>Cerastoderma glaucum</i> as a sentinel and bioindicator species: Take-home message. <i>Ecological Indicators</i> , 2016, 62, 228-241.	2.6	20
174	Clams sensitivity towards As and Hg: A comprehensive assessment of native and exotic species. <i>Ecotoxicology and Environmental Safety</i> , 2016, 125, 43-54.	2.9	30
175	Clam <i>Ruditapes philippinarum</i> recovery from short-term exposure to the combined effect of salinity shifts and Arsenic contamination. <i>Aquatic Toxicology</i> , 2016, 173, 154-164.	1.9	20
176	Oxidative effects of the pharmaceutical drug paracetamol on the edible clam <i>Ruditapes philippinarum</i> under different salinities. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 179, 116-124.	1.3	37
177	Effects of seawater acidification on <i>Diopatra neapolitana</i> (Polychaete, Onuphidae): Biochemical and regenerative capacity responses. <i>Ecological Indicators</i> , 2016, 60, 152-161.	2.6	37
178	Preliminary evaluation of <i>Diopatra neapolitana</i> regenerative capacity as a biomarker for paracetamol exposure. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13382-13392.	2.7	23
179	Spatial distribution and bioaccumulation patterns in three clam populations from a low contaminated ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 155, 114-125.	0.9	82
180	Salt tolerance of rhizobial populations from contrasting environmental conditions: understanding the implications of climate change. <i>Ecotoxicology</i> , 2015, 24, 143-152.	1.1	14

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182	Single-beam acoustic variability associated with seabed habitats. <i>Journal of Sea Research</i> , 2015, 100, 152-159.	0.6	8
183	Biochemical performance of native and introduced clam species living in sympatry: The role of elements accumulation and partitioning. <i>Marine Environmental Research</i> , 2015, 109, 81-94.	1.1	22
184	Chronic toxicity of the antiepileptic carbamazepine on the clam <i>Ruditapes philippinarum</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 172-173, 26-35.	1.3	64
185	How life history influences the responses of the clam <i>Scrobicularia plana</i> to the combined impacts of carbamazepine and pH decrease. <i>Environmental Pollution</i> , 2015, 202, 205-214.	3.7	45
186	The effects of salinity changes on the Polychaete <i>Diopatra neapolitana</i> : Impacts on regenerative capacity and biochemical markers. <i>Aquatic Toxicology</i> , 2015, 163, 167-176.	1.9	34
187	<i>Ruditapes philippinarum</i> and <i>Ruditapes decussatus</i> under Hg environmental contamination. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11890-11904.	2.7	32
188	The effects of water acidification, temperature and salinity on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Marine Environmental Research</i> , 2015, 106, 30-41.	1.1	39
189	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , 2015, 85, 137-147.	5.3	74
190	Broad-scale mapping of seafloor habitats in the north-east Atlantic using existing environmental data. <i>Journal of Sea Research</i> , 2015, 100, 120-132.	0.6	28
191	Expansion of lugworms towards southern European habitats and their identification using combined ecological, morphological and genetic approaches. <i>Marine Ecology - Progress Series</i> , 2015, 533, 177-190.	0.9	11
192	<i>Venerupis decussata</i> under environmentally relevant lead concentrations: Bioconcentration, tolerance, and biochemical alterations. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2786-2794.	2.2	13
193	Efficiency of cadmium chelation by phytochelatins in <i>Nitzschia palea</i> (KÄtzing) W. Smith. <i>Ecotoxicology</i> , 2014, 23, 285-292.	1.1	35
194	Physiological and biochemical responses of three <i>Veneridae</i> clams exposed to salinity changes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 177-178, 1-9.	0.7	136
195	Genetic diversity of introduced Manila clam <i>Ruditapes philippinarum</i> populations inferred by 16S rDNA. <i>Biochemical Systematics and Ecology</i> , 2014, 57, 52-59.	0.6	14
196	Presence of the pharmaceutical drug carbamazepine in coastal systems: Effects on bivalves. <i>Aquatic Toxicology</i> , 2014, 156, 74-87.	1.9	140
197	Trematode communities in cockles (<i>Cerastoderma edule</i>) of the Ria de Aveiro (Portugal): Influence of inorganic contamination. <i>Marine Pollution Bulletin</i> , 2014, 82, 117-126.	2.3	66
198	Tolerance of <i>Venerupis philippinarum</i> to salinity: Osmotic and metabolic aspects. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 171, 36-43.	0.8	73

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200	Biochemical effects of acetaminophen in aquatic species: edible clams <i>Venerupis decussata</i> and <i>Venerupis philippinarum</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 6658-6666.	2.7	120
201	Consumption of <i>Ruditapes philippinarum</i> and <i>Ruditapes decussatus</i> : comparison of element accumulation and health risk. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5682-5691.	2.7	28
202	The role of GSTs in the tolerance of <i>Rhizobium leguminosarum</i> to cadmium. <i>BioMetals</i> , 2013, 26, 879-886.	1.8	32
203	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 (<i>Venerupis</i>) Tj ETQq1 1 0.784314 ng BT / Overlock 10 T	1.0	12
204	Are metallothioneins equally good biomarkers of metal and oxidative stress?. <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 185-190.	2.9	36
205	<i>Ruditapes decussatus</i> and <i>Ruditapes philippinarum</i> exposed to cadmium: Toxicological effects and bioaccumulation patterns. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 156, 80-86.	1.3	32
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207	Looking for suitable biomarkers in benthic macroinvertebrates inhabiting coastal areas with low metal contamination: Comparison between the bivalve <i>Cerastoderma edule</i> and the Polychaete <i>Diopatra neapolitana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 75, 109-118.	2.9	86
208	Can <i>Diopatra neapolitana</i> (Annelida: Onuphidae) regenerate body damage caused by bait digging or predation?. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 110, 36-42.	0.9	32
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210	Reproductive biology of a brooding <i>Diopatra</i> species: <i>Diopatra marocensis</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2012, 110, 85-92.	0.9	13
211	<i>Cymodocea nodosa</i> vs. <i>Caulerpa prolifera</i> : Causes and consequences of a long term history of interaction in macrophyte meadows in the Mar Menor coastal lagoon (Spain, southwestern) Tj ETQq1 1 0.784314 ng BT / Overlock 10 T	0.9	10
212	Alterations in macroinvertebrate spatial patterns in coastal lagoons: "Ábidos (NW coast of Portugal) 1984 versus 2002. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 110, 176-189.	0.9	7
213	Indices, multispecies and synthesis descriptors in benthic assessments: Intertidal organic enrichment from oyster farming. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 110, 190-201.	0.9	10
214	Subcellular partitioning of elements and availability for trophic transfer: Comparison between the Bivalve <i>Cerastoderma edule</i> and the Polychaete <i>Diopatra neapolitana</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2012, 99, 21-30.	0.9	27
215	Sedimentary and geochemical characterization and provenance of the Portuguese continental shelf soft-bottom sediments. <i>Journal of Marine Systems</i> , 2012, 91, 41-52.	0.9	45
216	Health concerns of consuming cockles (<i>Cerastoderma edule</i> L.) from a low contaminated coastal system. <i>Environment International</i> , 2011, 37, 965-972.	4.8	38

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218	Benthic biodiversity patterns in Ria de Aveiro, Western Portugal: Environmental-biological relationships. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 338-348.	0.9	72
219	The leaf-bag and the sediment sample: Two sides of the same ecological quality story?. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 326-337.	0.9	17
220	Coastal sediments under the influence of multiple organic enrichment sources: An evaluation using carbon and nitrogen stable isotopes. <i>Marine Pollution Bulletin</i> , 2010, 60, 272-282.	2.3	37
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222	In situ experimental study of reed leaf decomposition along a full salinity gradient. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 497-506.	0.9	40
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224	<i>Caulerpa prolifera</i> stable isotope ratios reveal anthropogenic nutrients within a tidal lagoon. <i>Marine Ecology - Progress Series</i> , 2009, 390, 117-128.	0.9	32
225	Single-beam acoustic ground discrimination of shallow water habitats: 50kHz or 200kHz frequency survey?. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 78, 613-622.	0.9	27
226	Experimental biological effects assessment associated with on-shore brine discharge from the creation of gas storage caverns. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 79, 525-532.	0.9	2
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228	Sea-bottom classification across a shallow-water bar channel and near-shore shelf, using single-beam acoustics. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 625-632.	0.9	20
229	Benthic biotopes remote sensing using acoustics. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 285-286, 339-353.	0.7	56
230	Acoustic seabed classification of marine habitats: studies in the western coastal-shelf area of Portugal. <i>ICES Journal of Marine Science</i> , 2003, 60, 599-608.	1.2	47