

# 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	Presence of the pharmaceutical drug carbamazepine in coastal systems: Effects on bivalves. <i>Aquatic Toxicology</i> , 2014, 156, 74-87.	1.9	140
2	Physiological and biochemical responses of three Veneridae clams exposed to salinity changes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 177-178, 1-9.	0.7	136
3	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
4	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
5	Chromium removal from contaminated waters using nanomaterials “ A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 277-291.	5.8	103
6	Ecotoxicological effects of lanthanum in <i>Mytilus galloprovincialis</i> : Biochemical and histopathological impacts. <i>Aquatic Toxicology</i> , 2019, 211, 181-192.	1.9	89
7	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
8	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
9	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
10	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
11	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
12	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
13	Combined effects of seawater acidification and salinity changes in <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , 2016, 176, 141-150.	1.9	78
14	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
15	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
16	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , 2015, 85, 137-147.	5.3	74
17	Tolerance of <i>Venerupis philippinarum</i> to salinity: Osmotic and metabolic aspects. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2014, 171, 36-43.	0.8	73
18	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

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19	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
20	The effects of arsenic and seawater acidification on antioxidant and biomineralization responses in two closely related <i>Crassostrea</i> species. <i>Science of the Total Environment</i> , 2016, 545-546, 569-581.	3.9	70
21	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2019, 664, 626-634.	3.9	67
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Benthic biotopes remote sensing using acoustics. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 285-286, 339-353.	0.7	56
30	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
31	Physiological and biochemical responses of the Polychaete <i>Diopatra neapolitana</i> to organic matter enrichment. <i>Aquatic Toxicology</i> , 2014, 155, 32-42.	1.9	55
32	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
33	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Chemosphere</i> , 2016, 146, 565-573.	4.2	53
34	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
35	Toxicological effects of the rare earth element neodymium in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2020, 244, 125457.	4.2	53
36	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

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37	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , 2017, 114, 316-326.	5.3	52
38	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
39	<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) <i>Tj ETQq1 1 0.784314 rgt /Overlock 10</i>		
40	The effect of temperature on Triclosan and Lead exposed mussels. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 232, 42-50.	0.7	48
41	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
42	The influence of temperature on the effects induced by Triclosan and Diclofenac in mussels. <i>Science of the Total Environment</i> , 2019, 663, 992-999.	3.9	47
43	Effects of depuration on the element concentration in bivalves: Comparison between sympatric <i>Ruditapes decussatus</i> and <i>Ruditapes philippinarum</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2012, 110, 43-53.	0.9	46
44	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
45	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
46	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
47	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
48	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
49	Salinity influences the biochemical response of <i>Crassostrea angulata</i> to Arsenic. <i>Environmental Pollution</i> , 2016, 214, 756-766.	3.7	42
50	Biochemical alterations induced in <i>Hediste diversicolor</i> under seawater acidification conditions. <i>Marine Environmental Research</i> , 2016, 117, 75-84.	1.1	42
51	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
52	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
53	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
54	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

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55	Toxic impacts induced by Sodium lauryl sulfate in <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2020, 242, 110656.	0.8	40
56	Benthic habitat mapping: Concerns using a combined approach (acoustic, sediment and biological) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.9	39
57	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
58	Effects of carbamazepine and cetirizine under an ocean acidification scenario on the biochemical and transcriptome responses of the clam <i>Ruditapes philippinarum</i> . <i>Environmental Pollution</i> , 2018, 235, 857-868.	3.7	39
59	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
60	The antineoplastic drugs cyclophosphamide and cisplatin in the aquatic environment – Review. <i>Journal of Hazardous Materials</i> , 2021, 412, 125028.	6.5	39
61	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
62	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
63	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
64	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
65	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
66	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
67	Are metallothioneins equally good biomarkers of metal and oxidative stress?. <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 185-190.	2.9	36
68	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
69	Efficiency of cadmium chelation by phytochelatins in <i>Nitzschia palea</i> (K&Auml;tzing) W. Smith. <i>Ecotoxicology</i> , 2014, 23, 285-292.	1.1	35
70	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> . <i>Aquatic Toxicology</i> , 2018, 198, 10-19.	1.9	35
71	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
72	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

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73	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
74	<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
75	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
76	The role of GSTs in the tolerance of <i>Rhizobium leguminosarum</i> to cadmium. <i>BioMetals</i> , 2013, 26, 879-886.	1.8	32
77	<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
78	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
79	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
80	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
81	<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
82	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
83	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
84	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
85	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
86	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
87	The impacts of warming on the toxicity of carbon nanotubes in mussels. <i>Marine Environmental Research</i> , 2019, 145, 11-21.	1.1	30
88	Toxic impacts of rutile titanium dioxide in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Chemosphere</i> , 2020, 252, 126563.	4.2	30
89	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
90	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 ETQq0 0 0 8gBT /Ozr	lock 10

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91	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
92	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . <i>Environmental Research</i> , 2019, 175, 200-212.	3.7	28
93	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 &amp; Integrative Physiology</i> , 2020, 243, 110674.	0.8	28
94	Validation of soft bottom benthic habitats identified by single-beam acoustics. <i>Marine Pollution Bulletin</i> , 2006, 53, 72-79.	2.3	27
95	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
96	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
97	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
98	<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
99	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
100	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
101	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
102	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
103	Remote sensing of underwater vegetation using single-beam acoustics. <i>ICES Journal of Marine Science</i> , 2010, 67, 594-605.	1.2	23
104	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
105	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
106	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
107	Does salinity modulates the response of <i>Mytilus galloprovincialis</i> exposed to triclosan and diclofenac?. <i>Environmental Pollution</i> , 2019, 251, 756-765.	3.7	23
108	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



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109	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
110	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
111	Response of <i>Rhizobium</i> to Cd exposure: A volatile perspective. <i>Environmental Pollution</i> , 2017, 231, 802-811.	3.7	22
112	Exploring alternative biomarkers of pesticide pollution in clams. <i>Marine Pollution Bulletin</i> , 2018, 136, 61-67.	2.3	22
113	Estuarine sediment acute toxicity testing with the European amphipod <i>Corophium multisetosum</i> Stock, 1952. <i>Chemosphere</i> , 2009, 76, 1323-1333.	4.2	21
114	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
115	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. <i>Science of the Total Environment</i> , 2019, 650, 987-995.	3.9	21
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	Biochemical and histopathological impacts of rutile and anatase (TiO <sub>2</sub> forms) in <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2020, 719, 134886.	3.9	20
124	Review: <i>Bucephalus minimus</i> , a deleterious trematode parasite of cockles <i>Cerastoderma</i> spp.. <i>Parasitology Research</i> , 2015, 114, 1263-1278.	0.6	19
125	Potential impacts of lanthanum and yttrium through embryotoxicity assays with <i>Crassostrea gigas</i> . <i>Ecological Indicators</i> , 2020, 108, 105687.	2.6	19
126	Marine heatwaves hamper neuro-immune and oxidative tolerance toward carbamazepine in <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2022, 300, 118970.	3.7	19



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127	Spatio-temporal variation of trematode parasites community in <i>Cerastoderma edule</i> cockles from Ria de Aveiro (Portugal). <i>Environmental Research</i> , 2018, 164, 114-123.	3.7	18
128	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
129	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
130	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
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