Rosa F Freitas

List of Publications by Year in descending order

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230	6,595	57758	118850
papers	citations	44 h-index	62 g-index

232	232	232	4693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Presence of the pharmaceutical drug carbamazepine in coastal systems: Effects on bivalves. Aquatic Toxicology, 2014, 156, 74-87.	4.0	140
2	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.	1.6	136
3	An overview of graphene materials: Properties, applications and toxicity on aquatic environments. Science of the Total Environment, 2018, 631-632, 1440-1456.	8.0	134
4	Biochemical effects of acetaminophen in aquatic species: edible clams Venerupis decussata and Venerupis philippinarum. Environmental Science and Pollution Research, 2013, 20, 6658-6666.	5.3	120
5	Chromium removal from contaminated waters using nanomaterials â€“ A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 277-291.	11.4	103
6	Ecotoxicological effects of lanthanum in Mytilus galloprovincialis: Biochemical and histopathological impacts. Aquatic Toxicology, 2019, 211, 181-192.	4.0	89
7	Biochemical impacts of Hg in Mytilus galloprovincialis under present and predicted warming scenarios. Science of the Total Environment, 2017, 601-602, 1129-1138.	8.0	88
8	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, 109-118.	6.0	86
9	Biochemical responses and accumulation patterns of Mytilus galloprovincialis exposed to thermal stress and Arsenic contamination. Ecotoxicology and Environmental Safety, 2018, 147, 954-962.	6.0	85
10	Biochemical and physiological responses induced in Mytilus galloprovincialis after a chronic exposure to salicylic acid. Aquatic Toxicology, 2019, 214, 105258.	4.0	85
11	Spatial distribution and bioaccumulation patterns in three clam populations from a low contaminated ecosystem. Estuarine, Coastal and Shelf Science, 2015, 155, 114-125.	2.1	82
12	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.	8.0	80
13	Combined effects of seawater acidification and salinity changes in Ruditapes philippinarum. Aquatic Toxicology, 2016, 176, 141-150.	4.0	78
14	Effects of seawater acidification and salinity alterations on metabolic, osmoregulation and oxidative stress markers in Mytilus galloprovincialis. Ecological Indicators, 2017, 79, 54-62.	6.3	78
15	Caffeine impacts in the clam Ruditapes philippinarum: Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. Chemosphere, 2016, 160, 95-103.	8.2	77
16	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. Water Research, 2015, 85, 137-147.	11.3	74
17	Tolerance of Venerupis philippinarum to salinity: Osmotic and metabolic aspects. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 171, 36-43.	1.8	73
18	Benthic biodiversity patterns in Ria de Aveiro, Western Portugal: Environmental-biological relationships. Estuarine, Coastal and Shelf Science, 2011, 95, 338-348.	2.1	72

#	Article	IF	Citations
19	Physiological and biochemical alterations induced in the mussel Mytilus galloprovincialis after short and long-term exposure to carbamazepine. Water Research, 2017, 117, 102-114.	11.3	71
20	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, 569-581.	8.0	70
21	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels Mytilus galloprovincialis. Science of the Total Environment, 2019, 664, 626-634.	8.0	67
22	Trematode communities in cockles (Cerastoderma edule) of the Ria de Aveiro (Portugal): Influence of inorganic contamination. Marine Pollution Bulletin, 2014, 82, 117-126.	5.0	66
23	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.	2.6	64
24	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. Environmental Pollution, 2020, 263, 114442.	7.5	62
25	Native and introduced clams biochemical responses to salinity and pH changes. Science of the Total Environment, 2016, 566-567, 260-268.	8.0	59
26	Effects of seawater temperature increase on economically relevant native and introduced clam species. Marine Environmental Research, 2017, 123, 62-70.	2.5	59
27	Impacts of salicylic acid in Mytilus galloprovincialis exposed to warming conditions. Environmental Toxicology and Pharmacology, 2020, 80, 103448.	4.0	59
28	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.	8.0	57
29	Benthic biotopes remote sensing using acoustics. Journal of Experimental Marine Biology and Ecology, 2003, 285-286, 339-353.	1.5	56
30	Engineered nanomaterials: From their properties and applications, to their toxicity towards marine bivalves in a changing environment. Environmental Research, 2019, 178, 108683.	7.5	56
31	Physiological and biochemical responses of the Polychaete Diopatra neapolitana to organic matter enrichment. Aquatic Toxicology, 2014, 155, 32-42.	4.0	55
32	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. Journal of Hazardous Materials, 2018, 358, 484-493.	12.4	54
33	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete Diopatra neapolitana. Chemosphere, 2016, 146, 565-573.	8.2	53
34	Toxicological effects of paracetamol on the clam Ruditapes philippinarum: exposure vs recovery. Aquatic Toxicology, 2017, 192, 198-206.	4.0	53
35	Toxicological effects of the rare earth element neodymium in Mytilus galloprovincialis. Chemosphere, 2020, 244, 125457.	8.2	53
36	Concentrations levels and effects of 17alpha-Ethinylestradiol in freshwater and marine waters and bivalves: A review. Environmental Research, 2020, 185, 109316.	7.5	53

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37	Toxic effects of the antihistamine cetirizine in mussel Mytilus galloprovincialis. Water Research, 2017, 114, 316-326.	11.3	52
38	Physiological and biochemical impacts induced by mercury pollution and seawater acidification in Hediste diversicolor. Science of the Total Environment, 2017, 595, 691-701.	8.0	51
39	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) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.5	50
40	The effect of temperature on Triclosan and Lead exposed mussels. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 232, 42-50.	1.6	48
41	Acoustic seabed classification of marine habitats: studies in the western coastal-shelf area of Portugal. ICES Journal of Marine Science, 2003, 60, 599-608.	2.5	47
42	The influence of temperature on the effects induced by Triclosan and Diclofenac in mussels. Science of the Total Environment, 2019, 663, 992-999.	8.0	47
43	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.	2.1	46
44	The impacts of emergent pollutants on Ruditapes philippinarum : biochemical responses to carbon nanoparticles exposure. Aquatic Toxicology, 2017, 187, 38-47.	4.0	46
45	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.	8.0	46
46	Sedimentary and geochemical characterization and provenance of the Portuguese continental shelf soft-bottom sediments. Journal of Marine Systems, 2012, 91, 41-52.	2.1	45
47	How life history influences the responses of the clam Scrobicularia plana to the combined impacts of carbamazepine and pH decrease. Environmental Pollution, 2015, 202, 205-214.	7.5	45
48	Bacteria from nodules of wild legume species: Phylogenetic diversity, plant growth promotion abilities and osmotolerance. Science of the Total Environment, 2018, 645, 1094-1102.	8.0	44
49	Salinity influences the biochemical response of Crassostrea angulata to Arsenic. Environmental Pollution, 2016, 214, 756-766.	7.5	42
50	Biochemical alterations induced in Hediste diversicolor under seawater acidification conditions. Marine Environmental Research, 2016, 117, 75-84.	2.5	42
51	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.	7.5	41
52	In situ experimental study of reed leaf decomposition along a full salinity gradient. Estuarine, Coastal and Shelf Science, 2009, 85, 497-506.	2.1	40
53	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in Diopatra neapolitana and Arenicola marina. Environmental Pollution, 2016, 214, 456-463.	7.5	40
54	Are the effects induced by increased temperature enhanced in Mytilus galloprovincialis submitted to air exposure?. Science of the Total Environment, 2019, 647, 431-440.	8.0	40

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55	Toxic impacts induced by Sodium lauryl sulfate in Mytilus galloprovincialis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 242, 110656.	1.8	40
56	Benthic habitat mapping: Concerns using a combined approach (acoustic, sediment and biological) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	39
57	The effects of water acidification, temperature and salinity on the regenerative capacity of the polychaete Diopatra neapolitana. Marine Environmental Research, 2015, 106, 30-41.	2.5	39
58	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.	7.5	39
59	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. Environmental Pollution, 2020, 260, 113859.	7.5	39
60	The antineoplastic drugs cyclophosphamide and cisplatin in the aquatic environment â€“ Review. Journal of Hazardous Materials, 2021, 412, 125028.	12.4	39
61	Health concerns of consuming cockles (Cerastoderma edule L.) from a low contaminated coastal system. Environment International, 2011, 37, 965-972.	10.0	38
62	Coastal sediments under the influence of multiple organic enrichment sources: An evaluation using carbon and nitrogen stable isotopes. Marine Pollution Bulletin, 2010, 60, 272-282.	5.0	37
63	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, 116-124.	2.6	37
64	Effects of seawater acidification on Diopatra neapolitana (Polychaete, Onuphidae): Biochemical and regenerative capacity responses. Ecological Indicators, 2016, 60, 152-161.	6.3	37
65	The influence of temperature and salinity on the impacts of lead in Mytilus galloprovincialis. Chemosphere, 2019, 235, 403-412.	8.2	37
66	Will temperature rise change the biochemical alterations induced in Mytilus galloprovincialis by cerium oxide nanoparticles and mercury?. Environmental Research, 2020, 188, 109778.	7.5	37
67	Are metallothioneins equally good biomarkers of metal and oxidative stress?. Ecotoxicology and Environmental Safety, 2012, 84, 185-190.	6.0	36
68	Combined effects of arsenic, salinity and temperature on Crassostrea gigas embryotoxicity. Ecotoxicology and Environmental Safety, 2018, 147, 251-259.	6.0	36
69	Efficiency of cadmium chelation by phytochelatins in Nitzschia palea (KÃ¼tzing) W. Smith. Ecotoxicology, 2014, 23, 285-292.	2.4	35
70	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.	4.0	35
71	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. Environmental Toxicology and Pharmacology, 2021, 86, 103661.	4.0	35
72	The effects of salinity changes on the Polychaete Diopatra neapolitana: Impacts on regenerative capacity and biochemical markers. Aquatic Toxicology, 2015, 163, 167-176.	4.0	34

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73	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.	12.4	33
74	Ruditapes decussatus and Ruditapes philippinarum exposed to cadmium: Toxicological effects and bioaccumulation patterns. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 156, 80-86.	2.6	32
75	Can Diopatra neapolitana (Annelida: Onuphidae) regenerate body damage caused by bait digging or predation?. Estuarine, Coastal and Shelf Science, 2012, 110, 36-42.	2.1	32
76	The role of GSTs in the tolerance of Rhizobium leguminosarum to cadmium. BioMetals, 2013, 26, 879-886.	4.1	32
77	Ruditapes philippinarum and Ruditapes decussatus under Hg environmental contamination. Environmental Science and Pollution Research, 2015, 22, 11890-11904.	5.3	32
78	The influence of climate change related factors on the response of two clam species to diclofenac. Ecotoxicology and Environmental Safety, 2020, 189, 109899.	6.0	32
79	Biochemical and physiological responses of two clam species to Triclosan combined with climate change scenario. Science of the Total Environment, 2020, 724, 138143.	8.0	32
80	Combined effects of salinity changes and salicylic acid exposure in Mytilus galloprovincialis. Science of the Total Environment, 2020, 715, 136804.	8.0	32
81	Caulerpa prolifera stable isotope ratios reveal anthropogenic nutrients within a tidal lagoon. Marine Ecology - Progress Series, 2009, 390, 117-128.	1.9	32
82	Multiple stressors in estuarine waters: Effects of arsenic and salinity on Ruditapes philippinarum. Science of the Total Environment, 2016, 541, 1106-1114.	8.0	31
83	The impacts of seawater acidification on Ruditapes philippinarum sensitivity to carbon nanoparticles. Environmental Science: Nano, 2017, 4, 1692-1704.	4.3	31
84	Clams sensitivity towards As and Hg: A comprehensive assessment of native and exotic species. Ecotoxicology and Environmental Safety, 2016, 125, 43-54.	6.0	30
85	Biochemical changes in mussels submitted to different time periods of air exposure. Environmental Science and Pollution Research, 2018, 25, 8903-8913.	5.3	30
86	Influence of temperature rise on the recovery capacity of Mytilus galloprovincialis exposed to mercury pollution. Ecological Indicators, 2018, 93, 1060-1069.	6.3	30
87	The impacts of warming on the toxicity of carbon nanotubes in mussels. Marine Environmental Research, 2019, 145, 11-21.	2.5	30
88	Toxic impacts of rutile titanium dioxide in Mytilus galloprovincialis exposed to warming conditions. Chemosphere, 2020, 252, 126563.	8.2	30
89	Consumption of Ruditapes philippinarum and Ruditapes decussatus: comparison of element accumulation and health risk. Environmental Science and Pollution Research, 2013, 20, 5682-5691.	5.3	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 (Venerupis) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.7	28

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91	Broad-scale mapping of seafloor habitats in the north-east Atlantic using existing environmental data. Journal of Sea Research, 2015, 100, 120-132.	1.6	28
92	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in Mytilus galloprovincialis. Environmental Research, 2019, 175, 200-212.	7.5	28
93	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.	1.8	28
94	Validation of soft bottom benthic habitats identified by single-beam acoustics. Marine Pollution Bulletin, 2006, 53, 72-79.	5.0	27
95	Single-beam acoustic ground discrimination of shallow water habitats: 50kHz or 200kHz frequency survey?. Estuarine, Coastal and Shelf Science, 2008, 78, 613-622.	2.1	27
96	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.	2.1	27
97	The impacts of As accumulation under different pH levels: Comparing Ruditapes decussatus and Ruditapes philippinarum biochemical performance. Environmental Research, 2016, 151, 653-662.	7.5	27
98	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, 30-38.	2.6	26
99	A history of invasion: COI phylogeny of Manila clam Ruditapes philippinarum in Europe. Fisheries Research, 2017, 186, 25-35.	1.7	25
100	Effects of multi-walled carbon nanotube materials on Ruditapes philippinarum under climate change: The case of salinity shifts. Aquatic Toxicology, 2018, 199, 199-211.	4.0	25
101	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.	2.6	24
102	Ecotoxicity of the antihistaminic drug cetirizine to Ruditapes philippinarum clams. Science of the Total Environment, 2017, 601-602, 793-801.	8.0	24
103	Remote sensing of underwater vegetation using single-beam acoustics. ICES Journal of Marine Science, 2010, 67, 594-605.	2.5	23
104	Preliminary evaluation of Diopatra neapolitana regenerative capacity as a biomarker for paracetamol exposure. Environmental Science and Pollution Research, 2015, 22, 13382-13392.	5.3	23
105	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.	8.0	23
106	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.	2.6	23
107	Does salinity modulates the response of Mytilus galloprovincialis exposed to triclosan and diclofenac?. Environmental Pollution, 2019, 251, 756-765.	7.5	23
108	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. Aquatic Toxicology, 2021, 230, 105673.	4.0	23

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109	How safe are the new green energy resources for marine wildlife? The case of lithium. Environmental Pollution, 2020, 267, 115458.	7.5	23
110	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.	2.5	22
111	Response of Rhizobium to Cd exposure: A volatile perspective. Environmental Pollution, 2017, 231, 802-811.	7.5	22
112	Exploring alternative biomarkers of pesticide pollution in clams. Marine Pollution Bulletin, 2018, 136, 61-67.	5.0	22
113	Estuarine sediment acute toxicity testing with the European amphipod Corophium multisetosum Stock, 1952. Chemosphere, 2009, 76, 1323-1333.	8.2	21
114	Effects of a novel anticorrosion engineered nanomaterial on the bivalve Ruditapes philippinarum. Environmental Science: Nano, 2017, 4, 1064-1076.	4.3	21
115	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. Science of the Total Environment, 2019, 650, 987-995.	8.0	21
116	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.	2.1	20
117	The use of Cerastoderma glaucum as a sentinel and bioindicator species: Take-home message. Ecological Indicators, 2016, 62, 228-241.	6.3	20
118	Clam Ruditapes philippinarum recovery from short-term exposure to the combined effect of salinity shifts and Arsenic contamination. Aquatic Toxicology, 2016, 173, 154-164.	4.0	20
119	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.	2.6	20
120	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.	2.6	20
121	Different efficiencies of the same mechanisms result in distinct Cd tolerance within Rhizobium. Ecotoxicology and Environmental Safety, 2018, 150, 260-269.	6.0	20
122	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.	4.0	20
123	Biochemical and histopathological impacts of rutile and anatase (TiO2 forms) in Mytilus galloprovincialis. Science of the Total Environment, 2020, 719, 134886.	8.0	20
124	Review: Bucephalus minimus, a deleterious trematode parasite of cockles Cerastoderma spp.. Parasitology Research, 2015, 114, 1263-1278.	1.6	19
125	Potential impacts of lanthanum and yttrium through embryotoxicity assays with Crassostrea gigas. Ecological Indicators, 2020, 108, 105687.	6.3	19
126	Marine heatwaves hamper neuro-immune and oxidative tolerance toward carbamazepine in Mytilus galloprovincialis. Environmental Pollution, 2022, 300, 118970.	7.5	19

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127	Spatio-temporal variation of trematode parasites community in Cerastoderma edule cockles from Ria de Aveiro (Portugal). Environmental Research, 2018, 164, 114-123.	7.5	18
128	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.	5.0	18
129	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.	2.6	18
130	The leaf-bag and the sediment sample: Two sides of the same ecological quality story?. Estuarine, Coastal and Shelf Science, 2011, 95, 326-337.	2.1	17
131	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.	5.0	17
132	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm Ficopomatus enigmaticus (Fauvel, 1923). Marine Environmental Research, 2019, 143, 1-9.	2.5	17
133	Paralytic shellfish toxin profiles in mussel, cockle and razor shell under post-bloom natural conditions: Evidence of higher biotransformation in razor shells and cockles. Marine Environmental Research, 2020, 154, 104839.	2.5	17
134	Trematode infection modulates cockles biochemical response to climate change. Science of the Total Environment, 2018, 637-638, 30-40.	8.0	16
135	Toxicity beyond accumulation of Titanium after exposure of Mytilus galloprovincialis to spiked seawater. Environmental Pollution, 2019, 244, 845-854.	7.5	16
136	Does salinity variation increase synergistic effects of triclosan and carbon nanotubes on Mytilus galloprovincialis? Responses on adult tissues and sperms. Science of the Total Environment, 2020, 734, 138837.	8.0	16
137	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.	2.8	16
138	Micro(nano)plastics and plastic additives effects in marine annelids: A literature review. Environmental Research, 2022, 214, 113642.	7.5	16
139	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.	2.5	15
140	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.	8.0	15
141	Biochemical performance of mussels, cockles and razor shells contaminated by paralytic shellfish toxins. Environmental Research, 2020, 188, 109846.	7.5	15
142	The influence of salinity on sodium lauryl sulfate toxicity in Mytilus galloprovincialis. Environmental Toxicology and Pharmacology, 2021, 87, 103715.	4.0	15
143	Genetic diversity of introduced Manila clam Ruditapes philippinarum populations inferred by 16S rDNA. Biochemical Systematics and Ecology, 2014, 57, 52-59.	1.3	14
144	Salt tolerance of rhizobial populations from contrasting environmental conditions: understanding the implications of climate change. Ecotoxicology, 2015, 24, 143-152.	2.4	14

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145	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.	5.3	14
146	Experimental evidence of uncertain future of the keystone ragworm Hediste diversicolor (O.F. MÃ¼ller,) Tj ETQq0 0 0 rgBT /Overlock 10	8.0	14
147	Effects of temperature on caffeine and carbon nanotubes co-exposure in Ruditapes philippinarum. Chemosphere, 2021, 271, 129775.	8.2	14
148	Can the recycling of europium from contaminated waters be achieved through living macroalgae? Study on accumulation and toxicological impacts under realistic concentrations. Science of the Total Environment, 2021, 786, 147176.	8.0	14
149	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.	2.1	13
150	Reproductive biology of a brooding Diopatra species: Diopatra marocensis. Estuarine, Coastal and Shelf Science, 2012, 110, 85-92.	2.1	13
151	Venerupis decussata under environmentally relevant lead concentrations: Bioconcentration, tolerance, and biochemical alterations. Environmental Toxicology and Chemistry, 2014, 33, 2786-2794.	4.3	13
152	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.	5.3	13
153	How costly are metacercarial infections in a bivalve host? Effects of two trematode species on biochemical performance of cockles. Journal of Invertebrate Pathology, 2020, 177, 107479.	3.2	13
154	Biomarker considerations in monitoring petrogenic pollution using the mussel Mytilus galloprovincialis. Environmental Science and Pollution Research, 2020, 27, 31854-31862.	5.3	13
155	How Ulva lactuca can influence the impacts induced by the rare earth element Gadolinium in Mytilus galloprovincialis? The role of macroalgae in water safety towards marine wildlife. Ecotoxicology and Environmental Safety, 2021, 215, 112101.	6.0	13
156	Ecotoxicological screening of UV-filters using a battery of marine bioassays. Environmental Pollution, 2021, 290, 118011.	7.5	13
157	Ecotoxicological effects of the UV-filter 4-MBC on sperms and adults of the mussel Mytilus galloprovincialis. Environmental Research, 2022, 213, 113739.	7.5	13
158	Bioaccumulation patterns, element partitioning and biochemical performance of <scp>V</scp>enerupis corrugata from a low contaminated system. Environmental Toxicology, 2016, 31, 569-583.	4.0	12
159	Accumulation and sub-cellular partitioning of metals and As in the clam Venerupis corrugata : Different strategies towards different elements. Chemosphere, 2016, 156, 128-134.	8.2	12
160	Interactive effects of contamination and trematode infection in cockles biochemical performance. Environmental Pollution, 2018, 243, 1469-1478.	7.5	12
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