Rosa F Freitas

List of Publications by Year
in descending order

230 papers	6,595 citations	57758 44 h-index	118850 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 (Mytilus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Journal of Hazardous Materials, 2022, 424, 127264.	12.4	10
2	Will climate changes enhance the impacts of e-waste in aquatic systems?. Chemosphere, 2022, 288, 132264.	8.2	12
3	Salinity-dependent impacts on the effects of antiepileptic and antihistaminic drugs in Ruditapes philippinarum. Science of the Total Environment, 2022, 806, 150369.	8.0	7
4	How temperature rise will influence the toxic impacts of 17 Î±-ethinylestradiol in Mytilus galloprovincialis?. Environmental Research, 2022, 204, 112279.	7.5	11
5	Effects of ocean acidification on the biochemistry, physiology and parental transfer of Ampelisca brevicornis (Costa, 1853). Environmental Pollution, 2022, 293, 118549.	7.5	4
6	Behavioral, physiological and biochemical responses and differential gene expression in Mytilus galloprovincialis exposed to 17 alpha-ethinylestradiol and sodium lauryl sulfate. Journal of Hazardous Materials, 2022, 426, 128058.	12.4	10
7	The influence of salinity on the toxicity of remediated seawater. Environmental Science and Pollution Research, 2022, 29, 32967-32987.	5.3	3
8	Responses of Ruditapes philippinarum to contamination by pharmaceutical drugs under ocean acidification scenario. Science of the Total Environment, 2022, 824, 153591.	8.0	8
9	Metabolic and oxidative status alterations induced in Ruditapes philippinarum exposed chronically to estrogen 17Î±-ethinylestradiol under a warming scenario. Aquatic Toxicology, 2022, 244, 106078.	4.0	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 Mytilus galloprovincialis. Environmental Pollution, 2022, 300, 118970.	7.5	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.	2.8	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.	2.1	1
14	Biochemical response of Ficopomatus enigmaticus adults after exposure to organic and inorganic UV filters. Marine Pollution Bulletin, 2022, 178, 113601.	5.0	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.	7.8	10
16	The impact of temperature on lithium toxicity in the gastropod Tritia neritea. Environmental Science and Pollution Research, 2022, 29, 64745-64755.	5.3	4
17	Biochemical alterations caused by lanthanum and gadolinium in Mytilus galloprovincialis after exposure and recovery periods. Environmental Pollution, 2022, 307, 119387.	7.5	5
18	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

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19	Micro(nano)plastics and plastic additives effects in marine annelids: A literature review. Environmental Research, 2022, 214, 113642.	7.5	16
20	Do climate change related factors modify the response of Mytilus galloprovincialis to lanthanum? The case of temperature rise. Chemosphere, 2022, 307, 135577.	8.2	7
21	The use of an in vitro approach to assess marine invertebrate carboxylesterase responses to chemicals of environmental concern. Environmental Toxicology and Pharmacology, 2021, 82, 103561.	4.0	11
22	How do life-history traits influence the fate of intertidal and subtidal Mytilus galloprovincialis in a changing climate?. Environmental Research, 2021, 196, 110381.	7.5	2
23	Are we neglecting earth while conquering space? Effects of aluminized solid rocket fuel combustion on the physiology of a tropical freshwater invertebrate. Chemosphere, 2021, 268, 128820.	8.2	7
24	Experimental evidence of uncertain future of the keystone ragworm Hediste diversicolor (O.F. MÃ¼ller,) Tj ETQq0 0 0 rgBT /Overlock 10	8.0	14
25	Sperm quality assessment in Ficopomatus enigmaticus (Fauvel, 1923): Effects of selected organic and inorganic chemicals across salinity levels. Ecotoxicology and Environmental Safety, 2021, 207, 111219.	6.0	10
26	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. Aquatic Toxicology, 2021, 230, 105673.	4.0	23
27	Oxidative stress in Ruditapes philippinarum after exposure to different graphene oxide concentrations in the presence and absence of sediment. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 240, 108922.	2.6	6
28	Parasite Assemblages in a Bivalve Host Associated with Changes in Hydrodynamics. Estuaries and Coasts, 2021, 44, 1036-1049.	2.2	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 Ruditapes decussatus?. Environmental Research, 2021, 195, 110755.	7.5	7
32	Oxidative stress, metabolic activity and mercury concentrations in Antarctic krill Euphausia superba and myctophid fish of the Southern Ocean. Marine Pollution Bulletin, 2021, 166, 112178.	5.0	3
33	Effects of temperature on caffeine and carbon nanotubes co-exposure in Ruditapes philippinarum. Chemosphere, 2021, 271, 129775.	8.2	14
34	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
35	The antineoplastic drugs cyclophosphamide and cisplatin in the aquatic environment â€“ Review. Journal of Hazardous Materials, 2021, 412, 125028.	12.4	39
36	Effects of triclosan exposure on the energy budget of Ruditapes philippinarum and R. decussatus under climate change scenarios. Science of the Total Environment, 2021, 777, 146068.	8.0	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 Mytilus galloprovincialis. Nanomaterials, 2021, 11, 1978.	4.1	4
38	Bioaccumulation and ecotoxicological responses of clams exposed to terbium and carbon nanotubes: Comparison between native (Ruditapes decussatus) and invasive (Ruditapes philippinarum) species. Science of the Total Environment, 2021, 784, 146914.	8.0	10
39	Mission impossible: Reach the carrion in a lithium pollution and marine warming scenario. Environmental Research, 2021, 199, 111332.	7.5	11
40	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
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. Chemosphere, 2021, 277, 130160.	8.2	5
42	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. Environmental Toxicology and Pharmacology, 2021, 86, 103661.	4.0	35
43	Can the recycling of europium from contaminated waters be achieved through living macroalgae? Study on accumulation and toxicological impacts under realistic concentrations. Science of the Total Environment, 2021, 786, 147176.	8.0	14
44	Effect of light on the trematode Himasthla elongata: from cercarial behaviour to infection success. Diseases of Aquatic Organisms, 2021, 146, 23-28.	1.0	1
45	The influence of salinity on sodium lauryl sulfate toxicity in Mytilus galloprovincialis. Environmental Toxicology and Pharmacology, 2021, 87, 103715.	4.0	15
46	Salinity influences on the response of Mytilus galloprovincialis to the rare-earth element lanthanum. Science of the Total Environment, 2021, 794, 148512.	8.0	10
47	Effects of the antineoplastic drug cyclophosphamide on the biochemical responses of the mussel Mytilus galloprovincialis under different temperatures. Environmental Pollution, 2021, 288, 117735.	7.5	8
48	Ecotoxicological screening of UV-filters using a battery of marine bioassays. Environmental Pollution, 2021, 290, 118011.	7.5	13
49	Coating with polysaccharides influences the surface charge of cerium oxide nanoparticles and their effects to Mytilus galloprovincialis. NanoImpact, 2021, 24, 100362.	4.5	4
50	One in a Million: Genetic Diversity and Conservation of the Reference Crassostrea angulata Population in Europe from the Sado Estuary (Portugal). Life, 2021, 11, 1173.	2.4	2
51	Potential impacts of lanthanum and yttrium through embryotoxicity assays with Crassostrea gigas. Ecological Indicators, 2020, 108, 105687.	6.3	19
52	Biochemical and histopathological impacts of rutile and anatase (TiO2 forms) in Mytilus galloprovincialis. Science of the Total Environment, 2020, 719, 134886.	8.0	20
53	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
54	Large scale patterns of trematode parasite communities infecting Cerastoderma edule along the Atlantic coast from Portugal to Morocco. Estuarine, Coastal and Shelf Science, 2020, 233, 106546.	2.1	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. Marine Environmental Research, 2020, 154, 104839.	2.5	17
56	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
57	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
58	Toxicological effects of the rare earth element neodymium in Mytilus galloprovincialis. Chemosphere, 2020, 244, 125457.	8.2	53
59	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
60	Relationship between wild-caught organisms for bioassays and sampling areas: Widespread serpulid early-development comparison between two distinct populations after trace element exposure. Ecotoxicology and Environmental Safety, 2020, 205, 111094.	6.0	1
61	Bioaccumulation and biochemical patterns of Ruditapes philippinarum clams: Responses to seasonality and low contamination levels. Estuarine, Coastal and Shelf Science, 2020, 243, 106883.	2.1	6
62	Impacts of UV Filters in Mytilus galloprovincialis: Preliminary Data on the Acute Effects Induced by Environmentally Relevant Concentrations. Sustainability, 2020, 12, 6852.	3.2	12
63	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. Water (Switzerland), 2020, 12, 2148.	2.7	12
64	Effects of Carbamazepine in Bivalves: A Review. Reviews of Environmental Contamination and Toxicology, 2020, 254, 163-181.	1.3	0
65	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
66	Special issue on challenges in emerging environmental contaminants CEEC19. Environmental Science and Pollution Research, 2020, 27, 30903-30906.	5.3	2
67	Biomarker considerations in monitoring petrogenic pollution using the mussel Mytilus galloprovincialis. Environmental Science and Pollution Research, 2020, 27, 31854-31862.	5.3	13
68	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
69	Monorchis parvusandGymnophallus choledochus: two trematode species infecting cockles as first and second intermediate host. Parasitology, 2020, 147, 643-658.	1.5	11
70	Environmental Fate of Multistressors on Carpet Shell Clam Ruditapes decussatus: Carbon Nanoparticles and Temperature Variation. Sustainability, 2020, 12, 4939.	3.2	10
71	Impacts of salicylic acid in Mytilus galloprovincialis exposed to warming conditions. Environmental Toxicology and Pharmacology, 2020, 80, 103448.	4.0	59
72	Biochemical performance of mussels, cockles and razor shells contaminated by paralytic shellfish toxins. Environmental Research, 2020, 188, 109846.	7.5	15

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73	Concentrations levels and effects of 17alpha-Ethinylestradiol in freshwater and marine waters and bivalves: A review. Environmental Research, 2020, 185, 109316.	7.5	53
74	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
75	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
76	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. Science of the Total Environment, 2020, 723, 137798.	8.0	11
77	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
78	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. Environmental Pollution, 2020, 263, 114442.	7.5	62
79	Antioxidative and neurotoxicity effects of acute and chronic exposure of the estuarine polychaete Hediste diversicolor to paracetamol. Environmental Toxicology and Pharmacology, 2020, 77, 103377.	4.0	9
80	Toxic impacts of rutile titanium dioxide in Mytilus galloprovincialis exposed to warming conditions. Chemosphere, 2020, 252, 126563.	8.2	30
81	How safe are the new green energy resources for marine wildlife? The case of lithium. Environmental Pollution, 2020, 267, 115458.	7.5	23
82	Combined effects of salinity changes and salicylic acid exposure in Mytilus galloprovincialis. Science of the Total Environment, 2020, 715, 136804.	8.0	32
83	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
84	Soluble esterases as biomarkers of neurotoxic compounds in the widespread serpulidFicopomatus enigmaticus(Fauvel, 1923). Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 883-891.	1.5	5
85	Biochemical and physiological responses induced in Mytilus galloprovincialis after a chronic exposure to salicylic acid. Aquatic Toxicology, 2019, 214, 105258.	4.0	85
86	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
87	Ficopomatus enigmaticus larval development assay: An application for toxicity assessment of marine sediments. Marine Pollution Bulletin, 2019, 139, 189-196.	5.0	11
88	The impacts of warming on the toxicity of carbon nanotubes in mussels. Marine Environmental Research, 2019, 145, 11-21.	2.5	30
89	Seasonal variation of transcriptomic and biochemical parameters of Donax trunculus related to its infection by Bacciger bacciger (trematode parasite). Estuarine, Coastal and Shelf Science, 2019, 219, 291-299.	2.1	7
90	The influence of temperature and salinity on the impacts of lead in Mytilus galloprovincialis. Chemosphere, 2019, 235, 403-412.	8.2	37

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91	Chromium removal from contaminated waters using nanomaterials â€“ A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 277-291.	11.4	103
92	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
93	Does salinity modulates the response of Mytilus galloprovincialis exposed to triclosan and diclofenac?. Environmental Pollution, 2019, 251, 756-765.	7.5	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.	2.6	3
95	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
96	Ecotoxicological effects of lanthanum in Mytilus galloprovincialis: Biochemical and histopathological impacts. Aquatic Toxicology, 2019, 211, 181-192.	4.0	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.	8.0	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.	1.6	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.	8.0	15
100	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
101	Toxic Effects of Metal Nanoparticles in Marine Invertebrates. Engineering Materials, 2019, , 175-224.	0.6	4
102	Seasonal and spatial alterations in macrofaunal communities and in Nephtys cirrosa (Polychaeta) oxidative stress under a salinity gradient: A comparative field monitoring approach. Ecological Indicators, 2019, 96, 192-201.	6.3	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.	8.0	21
104	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
105	Toxicity beyond accumulation of Titanium after exposure of Mytilus galloprovincialis to spiked seawater. Environmental Pollution, 2019, 244, 845-854.	7.5	16
106	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
107	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
108	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

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109	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
110	Different efficiencies of the same mechanisms result in distinct Cd tolerance within Rhizobium. Ecotoxicology and Environmental Safety, 2018, 150, 260-269.	6.0	20
111	Biochemical changes in mussels submitted to different time periods of air exposure. Environmental Science and Pollution Research, 2018, 25, 8903-8913.	5.3	30
112	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
113	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
114	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
115	Combined effects of arsenic, salinity and temperature on Crassostrea gigas embryotoxicity. Ecotoxicology and Environmental Safety, 2018, 147, 251-259.	6.0	36
116	Native and exotic oysters in Brazil: Comparative tolerance to hypercapnia. Environmental Research, 2018, 161, 202-211.	7.5	7
117	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
118	Interactive effects of contamination and trematode infection in cockles biochemical performance. Environmental Pollution, 2018, 243, 1469-1478.	7.5	12
119	Protective effects of farnesol on a Rhizobium strain exposed to cadmium. Ecotoxicology and Environmental Safety, 2018, 165, 622-629.	6.0	9
120	Exploring alternative biomarkers of pesticide pollution in clams. Marine Pollution Bulletin, 2018, 136, 61-67.	5.0	22
121	Does the exposure to salinity variations and water dispersible carbon nanotubes induce oxidative stress in Hediste diversicolor?. Marine Environmental Research, 2018, 141, 186-195.	2.5	9
122	Influence of temperature rise on the recovery capacity of Mytilus galloprovincialis exposed to mercury pollution. Ecological Indicators, 2018, 93, 1060-1069.	6.3	30
123	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
124	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
125	Are the impacts of carbon nanotubes enhanced in Mytilus galloprovincialis submitted to air exposure?. Aquatic Toxicology, 2018, 202, 163-172.	4.0	12
126	Biogeochemical dynamics and bioaccumulation processes in Manila clam: Implications for biodiversity and ecosystem services in the Ria de Aveiro Lagoon. Estuarine, Coastal and Shelf Science, 2018, 209, 136-148.	2.1	11

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127	Trematode infection modulates cockles biochemical response to climate change. Science of the Total Environment, 2018, 637-638, 30-40.	8.0	16
128	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. Journal of Hazardous Materials, 2018, 358, 484-493.	12.4	54
129	The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. Scientific Reports, 2018, 8, 8571.	3.3	12
130	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
131	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
132	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
133	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
134	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
135	Effects of a novel anticorrosion engineered nanomaterial on the bivalve Ruditapes philippinarum. Environmental Science: Nano, 2017, 4, 1064-1076.	4.3	21
136	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
137	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
138	Ecotoxicity of the antihistaminic drug cetirizine to Ruditapes philippinarum clams. Science of the Total Environment, 2017, 601-602, 793-801.	8.0	24
139	Seasonal variation of transcriptomic and biochemical parameters of cockles (Cerastoderma edule) related to their infection by trematode parasites. Journal of Invertebrate Pathology, 2017, 148, 73-80.	3.2	9
140	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
141	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
142	Toxic effects of the antihistamine cetirizine in mussel Mytilus galloprovincialis. Water Research, 2017, 114, 316-326.	11.3	52
143	The impacts of emergent pollutants on Ruditapes philippinarum : biochemical responses to carbon nanoparticles exposure. Aquatic Toxicology, 2017, 187, 38-47.	4.0	46
144	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

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145	Effects of seawater temperature increase on economically relevant native and introduced clam species. Marine Environmental Research, 2017, 123, 62-70.	2.5	59
146	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
147	Response of Rhizobium to Cd exposure: A volatile perspective. Environmental Pollution, 2017, 231, 802-811.	7.5	22
148	Toxicological effects of paracetamol on the clam Ruditapes philippinarum: exposure vs recovery. Aquatic Toxicology, 2017, 192, 198-206.	4.0	53
149	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
150	The impacts of seawater acidification on Ruditapes philippinarum sensitivity to carbon nanoparticles. Environmental Science: Nano, 2017, 4, 1692-1704.	4.3	31
151	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
152	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
153	A history of invasion: COI phylogeny of Manila clam Ruditapes philippinarum in Europe. Fisheries Research, 2017, 186, 25-35.	1.7	25
154	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
155	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
156	Native and introduced clams biochemical responses to salinity and pH changes. Science of the Total Environment, 2016, 566-567, 260-268.	8.0	59
157	Combined effects of seawater acidification and salinity changes in Ruditapes philippinarum. Aquatic Toxicology, 2016, 176, 141-150.	4.0	78
158	Salinity influences the biochemical response of Crassostrea angulata to Arsenic. Environmental Pollution, 2016, 214, 756-766.	7.5	42
159	Biochemical alterations induced in Hediste diversicolor under seawater acidification conditions. Marine Environmental Research, 2016, 117, 75-84.	2.5	42
160	Biochemical and physiological alterations induced in Diopatra neapolitana after a long-term exposure to Arsenic. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 189, 1-9.	2.6	5
161	Pollution effects on biochemical pathways determined in the polychaete Hediste diversicolor collected in three Portuguese estuaries. Environmental Sciences: Processes and Impacts, 2016, 18, 1208-1219.	3.5	9
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