

Etelvina Figueira

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5632368/etelvina-figueira-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

149
papers

3,810
citations

36
h-index

50
g-index

152
ext. papers

4,389
ext. citations

6
avg. IF

5.68
L-index

#	Paper	IF	Citations
149	Presence of the pharmaceutical drug carbamazepine in coastal systems: effects on bivalves. <i>Aquatic Toxicology</i> , 2014 , 156, 74-87	5.1	117
148	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, 6658-66	5.1	100
147	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	2.3	94
146	Glutathione-mediated cadmium sequestration in <i>Rhizobium leguminosarum</i> . <i>Enzyme and Microbial Technology</i> , 2006 , 39, 763-769	3.8	80
145	Cadmium detoxification in roots of <i>Pisum sativum</i> seedlings: relationship between toxicity levels, thiol pool alterations and growth. <i>Environmental and Experimental Botany</i> , 2006 , 55, 149-162	5.9	75
144	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, 109-18	7	74
143	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	2.9	72
142	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	10.2	68
141	Accumulation, distribution and cellular partitioning of mercury in several halophytes of a contaminated salt marsh. <i>Chemosphere</i> , 2009 , 76, 1348-55	8.4	67
140	Cadmium tolerance plasticity in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> : glutathione as a detoxifying agent. <i>Canadian Journal of Microbiology</i> , 2005 , 51, 7-14	3.2	66
139	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	12.5	63
138	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , 2015 , 85, 137-47	12.5	63
137	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	10.2	59
136	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	8.4	59
135	Sensitivity of biochemical markers to evaluate cadmium stress in the freshwater diatom <i>Nitzschia palea</i> (Kützinger) W. Smith. <i>Aquatic Toxicology</i> , 2010 , 99, 109-17	5.1	59
134	Heavy metal toxicity in <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> isolated from soils subjected to different sources of heavy-metal contamination: Effects on protein expression. <i>Applied Soil Ecology</i> , 2006 , 33, 286-293	5	59
133	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	7	57

132	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, 117-26	6.7	55
131	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, 569-81	10.2	54
130	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	3.2	52
129	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	5.8	50
128	Physiological and biochemical responses of the Polychaete <i>Diopatra neapolitana</i> to organic matter enrichment. <i>Aquatic Toxicology</i> , 2014 , 155, 32-42	5.1	50
127	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	2.6	49
126	The importance of glutathione in oxidative status of <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> under Cd exposure. <i>Enzyme and Microbial Technology</i> , 2006 , 40, 132-137	3.8	49
125	Combined effects of seawater acidification and salinity changes in <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , 2016 , 176, 141-50	5.1	49
124	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	10.2	46
123	Toxicological effects of paracetamol on the clam <i>Ruditapes philippinarum</i> : exposure vs recovery. <i>Aquatic Toxicology</i> , 2017 , 192, 198-206	5.1	44
122	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , 2017 , 114, 316-326	12.5	43
121	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Chemosphere</i> , 2016 , 146, 565-73	8.4	43
120	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, 205-14	9.3	42
119	Native and introduced clams biochemical responses to salinity and pH changes. <i>Science of the Total Environment</i> , 2016 , 566-567, 260-268	10.2	42
118	Screening possible mechanisms mediating cadmium resistance in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> isolated from contaminated Portuguese soils. <i>Microbial Ecology</i> , 2006 , 52, 176-86	4.4	41
117	The impacts of emergent pollutants on <i>Ruditapes philippinarum</i> : biochemical responses to carbon nanoparticles exposure. <i>Aquatic Toxicology</i> , 2017 , 187, 38-47	5.1	39
116	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	2.9	39
115	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. <i>Journal of Hazardous Materials</i> , 2018 , 358, 484-493	12.8	38

114	Effects of seawater temperature increase on economically relevant native and introduced clam species. <i>Marine Environmental Research</i> , 2017 , 123, 62-70	3.3	36
113	Impact of Seasonal Fluctuations on the Sediment-Mercury, its Accumulation and Partitioning in <i>Halimione portulacoides</i> and <i>Juncus maritimus</i> Collected from Ria de Aveiro Coastal Lagoon (Portugal). <i>Water, Air, and Soil Pollution</i> , 2011 , 222, 1-15	2.6	36
112	Salinity influences the biochemical response of <i>Crassostrea angulata</i> to Arsenic. <i>Environmental Pollution</i> , 2016 , 214, 756-766	9.3	35
111	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	10.2	33
110	Health concerns of consuming cockles (<i>Cerastoderma edule</i> L.) from a low contaminated coastal system. <i>Environment International</i> , 2011 , 37, 965-72	12.9	33
109	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	3.3	31
108	Efficiency of cadmium chelation by phytochelatins in <i>Nitzschia palea</i> (K&zing) W. Smith. <i>Ecotoxicology</i> , 2014 , 23, 285-92	2.9	31
107	Are metallothioneins equally good biomarkers of metal and oxidative stress?. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 84, 185-90	7	31
106	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	7.9	30
105	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	9.3	30
104	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, 116-24	3.2	30
103	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	10.2	30
102	Behavior and biochemical responses of the polychaeta <i>Hediste diversicolor</i> to polystyrene nanoplastics. <i>Science of the Total Environment</i> , 2020 , 707, 134434	10.2	30
101	Effects of seawater acidification on <i>Diopatra neapolitana</i> (Polychaete, Onuphidae): Biochemical and regenerative capacity responses. <i>Ecological Indicators</i> , 2016 , 60, 152-161	5.8	28
100	Combined effects of arsenic, salinity and temperature on <i>Crassostrea gigas</i> embryotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 251-259	7	28
99	Biochemical alterations induced in <i>Hediste diversicolor</i> under seawater acidification conditions. <i>Marine Environmental Research</i> , 2016 , 117, 75-84	3.3	28
98	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	12.8	27
97	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, 167-76	5.1	27

96	Ruditapes philippinarum and Ruditapes decussatus under Hg environmental contamination. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11890-904	5.1	27
95	Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of R. philippinarum. <i>Aquatic Toxicology</i> , 2018 , 198, 10-19	5.1	26
94	Clams sensitivity towards As and Hg: A comprehensive assessment of native and exotic species. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 125, 43-54	7	26
93	Photoinactivation of Pseudomonas syringae pv. actinidiae in kiwifruit plants by cationic porphyrins. <i>Planta</i> , 2018 , 248, 409-421	4.7	26
92	Consumption of Ruditapes philippinarum and Ruditapes decussatus: comparison of element accumulation and health risk. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 5682-91	5.1	26
91	The role of GSTs in the tolerance of Rhizobium leguminosarum to cadmium. <i>BioMetals</i> , 2013 , 26, 879-86	3.4	26
90	Cadmium chelation by frustulins: a novel metal tolerance mechanism in Nitzschia palea (K&Eing) W. Smith. <i>Ecotoxicology</i> , 2013 , 22, 166-73	2.9	26
89	The impacts of As accumulation under different pH levels: Comparing Ruditapes decussatus and Ruditapes philippinarum biochemical performance. <i>Environmental Research</i> , 2016 , 151, 653-662	7.9	25
88	The impacts of seawater acidification on Ruditapes philippinarum sensitivity to carbon nanoparticles. <i>Environmental Science: Nano</i> , 2017 , 4, 1692-1704	7.1	25
87	Multiple stressors in estuarine waters: Effects of arsenic and salinity on Ruditapes philippinarum. <i>Science of the Total Environment</i> , 2016 , 541, 1106-1114	10.2	24
86	Subcellular partitioning of elements and availability for trophic transfer: Comparison between the Bivalve Cerastoderma edule and the Polychaete Diopatra neapolitana. <i>Estuarine, Coastal and Shelf Science</i> , 2012 , 99, 21-30	2.9	24
85	Ruditapes decussatus and Ruditapes philippinarum exposed to cadmium: toxicological effects and bioaccumulation patterns. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012 , 156, 80-6	3.2	24
84	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in Mytilus galloprovincialis. <i>Environmental Research</i> , 2019 , 175, 200-212	7.9	23
83	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in Diopatra neapolitana and Arenicola marina. <i>Environmental Pollution</i> , 2016 , 214, 456-463	9.3	23
82	Exploring the potentialities of comprehensive two-dimensional gas chromatography coupled to time of flight mass spectrometry to distinguish bivalve species: Comparison of two clam species (Venerupis decussata and Venerupis philippinarum). <i>Journal of Chromatography A</i> , 2013 , 1315, 152-61	4.5	23
81	Effects of multi-walled carbon nanotube materials on Ruditapes philippinarum under climate change: The case of salinity shifts. <i>Aquatic Toxicology</i> , 2018 , 199, 199-211	5.1	22
80	Influence of temperature rise on the recovery capacity of Mytilus galloprovincialis exposed to mercury pollution. <i>Ecological Indicators</i> , 2018 , 93, 1060-1069	5.8	22
79	Are the effects induced by increased temperature enhanced in Mytilus galloprovincialis submitted to air exposure?. <i>Science of the Total Environment</i> , 2019 , 647, 431-440	10.2	22

78	A history of invasion: COI phylogeny of Manila clam <i>Ruditapes philippinarum</i> in Europe. <i>Fisheries Research</i> , 2017 , 186, 25-35	2.3	22
77	Preliminary evaluation of <i>Diopatra neapolitana</i> regenerative capacity as a biomarker for paracetamol exposure. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 13382-92	5.1	22
76	Salt marsh macrophyte <i>Phragmites australis</i> strategies assessment for its dominance in mercury-contaminated coastal lagoon (Ria de Aveiro, Portugal). <i>Environmental Science and Pollution Research</i> , 2011 , 19, 2879-88	5.1	21
75	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	3.3	20
74	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	3.2	19
73	Ecotoxicity of the antihistaminic drug cetirizine to <i>Ruditapes philippinarum</i> clams. <i>Science of the Total Environment</i> , 2017 , 601-602, 793-801	10.2	19
72	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	10.2	19
71	Biochemical changes in mussels submitted to different time periods of air exposure. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 8903-8913	5.1	19
70	Exposure to chlorpyrifos induces morphometric, biochemical and lipidomic alterations in green beans (<i>Phaseolus vulgaris</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018 , 156, 25-33	7	18
69	Assessing Cu impacts on freshwater diatoms: biochemical and metabolomic responses of <i>Tabellaria flocculosa</i> (Roth) Kütz. <i>Science of the Total Environment</i> , 2018 , 625, 1234-1246	10.2	18
68	<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, 30-8	3.2	18
67	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	2.6	17
66	Response of <i>Rhizobium</i> to Cd exposure: A volatile perspective. <i>Environmental Pollution</i> , 2017 , 231, 802-811	9.1	16
65	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	3.2	16
64	The impacts of warming on the toxicity of carbon nanotubes in mussels. <i>Marine Environmental Research</i> , 2019 , 145, 11-21	3.3	16
63	The use of <i>Cerastoderma glaucum</i> as a sentinel and bioindicator species: Take-home message. <i>Ecological Indicators</i> , 2016 , 62, 228-241	5.8	16
62	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	6.7	16
61	Investigating heritability of cadmium tolerance in <i>Chironomus riparius</i> natural populations: A physiological approach. <i>Chemosphere</i> , 2017 , 170, 83-94	8.4	15

60	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	5.1	15
59	Do nanoplastics impact the ability of the polychaeta <i>Hediste diversicolor</i> to regenerate?. <i>Ecological Indicators</i> , 2020 , 110, 105921	5.8	15
58	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. <i>Aquatic Toxicology</i> , 2021 , 230, 105673	5.1	15
57	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	7	13
56	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	5.1	13
55	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	1.4	13
54	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	3.2	13
53	Are the impacts of carbon nanotubes enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Aquatic Toxicology</i> , 2018 , 202, 163-172	5.1	12
52	Experimental evaluation of the contribution of acidic pH and Fe concentration to the structure, function and tolerance to metals (Cu and Zn) exposure in fluvial biofilms. <i>Ecotoxicology</i> , 2014 , 23, 1270-829	3.9	12
51	Can we predict diatoms herbicide sensitivities with phylogeny? Influence of intraspecific and interspecific variability. <i>Ecotoxicology</i> , 2017 , 26, 1065-1077	2.9	12
50	Salt tolerance of rhizobial populations from contrasting environmental conditions: understanding the implications of climate change. <i>Ecotoxicology</i> , 2015 , 24, 143-52	2.9	12
49	<i>Venerupis decussata</i> under environmentally relevant lead concentrations: Bioconcentration, tolerance, and biochemical alterations. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 2786-94	3.8	12
48	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	6.7	11
47	A freshwater diatom challenged by Zn: Biochemical, physiological and metabolomic responses of <i>Tabellaria flocculosa</i> (Roth) K&Ezinger. <i>Environmental Pollution</i> , 2018 , 238, 959-971	9.3	11
46	The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. <i>Scientific Reports</i> , 2018 , 8, 8571	4.9	11
45	Cd ²⁺ affects the growth, hierarchical structure and peptide composition of the biosilica of the freshwater diatom <i>Nitzschia palea</i> (K&Ezinger) W. Smith. <i>Phycological Research</i> , 2012 , 60, 229-240	1.3	11
44	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm <i>Ficopomatus enigmaticus</i> (Fauvel, 1923). <i>Marine Environmental Research</i> , 2019 , 143, 1-9	3.3	11
43	Trematode infection modulates cockles biochemical response to climate change. <i>Science of the Total Environment</i> , 2018 , 637-638, 30-40	10.2	10

42	Bioaccumulation patterns, element partitioning and biochemical performance of <i>Venerupis corrugata</i> from a low contaminated system. <i>Environmental Toxicology</i> , 2016 , 31, 569-83	4.2	10
41	Mercury uptake and allocation in <i>Juncus maritimus</i> : implications for phytoremediation and restoration of a mercury contaminated salt marsh. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 2181-8		10
40	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	8.4	10
39	The influence of simulated global ocean acidification on the toxic effects of carbon nanoparticles on polychaetes. <i>Science of the Total Environment</i> , 2019 , 666, 1178-1187	10.2	10
38	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	3.3	9
37	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	2.6	8
36	Impacts of ocean acidification on carboxylated carbon nanotube effects induced in the clam species <i>Ruditapes philippinarum</i> . <i>Environmental Science and Pollution Research</i> , 2019 , 26, 20742-20752	5.1	8
35	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. <i>Science of the Total Environment</i> , 2020 , 723, 137798	10.2	8
34	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	5.1	8
33	Null alleles of microsatellites for Manila clam <i>Ruditapes philippinarum</i> . <i>Animal Genetics</i> , 2016 , 47, 135-6	2.5	8
32	Diversity, Phylogeny and Plant Growth Promotion Traits of Nodule Associated Bacteria Isolated from. <i>Microorganisms</i> , 2020 , 8,	4.9	8
31	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	2.9	7
30	The role of volatiles in <i>Rhizobium</i> tolerance to cadmium: Effects of aldehydes and alcohols on growth and biochemical endpoints. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 186, 109759	7	7
29	Phenological development stages variation versus mercury tolerance, accumulation, and allocation in salt marsh macrophytes <i>Triglochin maritima</i> and <i>Scirpus maritimus</i> prevalent in Ria de Aveiro coastal lagoon (Portugal). <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3910-22	5.1	7
28	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	2.6	7
27	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. <i>Water (Switzerland)</i> , 2020 , 12, 2148	3	7
26	Interactive effects of contamination and trematode infection in cockles biochemical performance. <i>Environmental Pollution</i> , 2018 , 243, 1469-1478	9.3	7
25	Protective effects of farnesol on a <i>Rhizobium</i> strain exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 165, 622-629	7	7

24	Alginate as a feature of osmotolerance differentiation among soil bacteria isolated from wild legumes growing in Portugal. <i>Science of the Total Environment</i> , 2019 , 681, 312-319	10.2	6
23	Extremely acidic environment: Biogeochemical effects on algal biofilms. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 177, 124-132	7	6
22	Intraspecific differences in cadmium tolerance of <i>Nitzschia palea</i> (Kützinger) W. Smith: a biochemical approach. <i>Ecotoxicology</i> , 2016 , 25, 1305-17	2.9	6
21	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	3.3	6
20	Influence of the colonizing substrate on diatom assemblages and implications for bioassessment: a mesocosm experiment. <i>Aquatic Ecology</i> , 2017 , 51, 145-158	1.9	5
19	Antimicrobial Photodynamic Therapy in the Control of pv. Transmission by Kiwifruit Pollen. <i>Microorganisms</i> , 2020 , 8,	4.9	5
18	Native and exotic oysters in Brazil: Comparative tolerance to hypercapnia. <i>Environmental Research</i> , 2018 , 161, 202-211	7.9	5
17	Valve teratologies and Chl c in the freshwater diatom <i>Tabellaria flocculosa</i> as biomarkers for metal contamination. <i>Ecological Indicators</i> , 2019 , 101, 476-485	5.8	4
16	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	2.9	3
15	Sensitive vs. tolerant <i>Nitzschia palea</i> (Kützinger) W. Smith strains to atrazine: a biochemical perspective. <i>Ecotoxicology</i> , 2018 , 27, 860-870	2.9	3
14	A Multifactorial Approach to Untangle Graphene Oxide (GO) Nanosheets Effects on Plants: Plant Growth-Promoting Bacteria Inoculation, Bacterial Survival, and Drought. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
13	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	3.2	3
12	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. <i>Ecological Indicators</i> , 2019 , 96, 192-201	5.8	2
11	The influence of Climate Change on the fate and behavior of different carbon nanotubes materials and implication to estuarine invertebrates. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 219, 103-115	3.2	1
10	Rhizobium response to sole and combined exposure to cadmium and the phytocompounds alpha-pinene and quercetin. <i>Ecotoxicology</i> , 2020 , 29, 444-458	2.9	1
9	Rhizobium sensing of airborne saturated aldehydes of different sizes modulates the response to Cd exposure. <i>Journal of Hazardous Materials</i> , 2020 , 395, 122629	12.8	1
8	Pea Cultivation in Saline Soils: Influence of Nitrogen Nutrition 2009 , 267-286		1
7	Airborne exposure of <i>Rhizobium leguminosarum</i> strain E20-8 to volatile monoterpenes: Effects on cells challenged by cadmium. <i>Journal of Hazardous Materials</i> , 2020 , 388, 121783	12.8	1

6	Effects of volatile sulfur compounds on growth and oxidative stress of <i>Rhizobium leguminosarum</i> E20-8 exposed to cadmium. <i>Science of the Total Environment</i> , 2021 , 800, 149478	10.2	1
5	Effects of graphene oxide nanosheets in the polychaete <i>Hediste diversicolor</i> : Behavioural, physiological and biochemical responses.. <i>Environmental Pollution</i> , 2022 , 118869	9.3	0
4	An underground strategy to increase mercury tolerance in the salt marsh halophyte <i>Juncus maritimus</i> Lam.: Lipid remodelling and Hg restriction. <i>Environmental and Experimental Botany</i> , 2021 , 191, 104619	5.9	0
3	Metal(oid)s accumulation (Hg and As) and their biochemical effects in <i>Halimione portulacoides</i> (Ria de Aveiro, Portugal). <i>Marine Pollution Bulletin</i> , 2022 , 180, 113804	6.7	0
2	Can <i>Palythoa</i> cf. <i>variabilis</i> biochemical patterns be used to predict coral reef conservation state in Todos Os Santos Bay?. <i>Environmental Research</i> , 2020 , 186, 109504	7.9	
1	Impacts of climate change-abiotic factors on the effects caused by pharmaceutical residues to marine organisms 2021 , 591-624		