

# Etelvina Figueira

## List of Publications by Year in Descending Order

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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	Effects of graphene oxide nanosheets in the polychaete <i>Hediste diversicolor</i> : Behavioural, physiological and biochemical responses.. <i>Environmental Pollution</i> , <b>2022</b> , 118869	9.3	0
148	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> , <b>2022</b> , 180, 113804	6.7	0
147	A Multifactorial Approach to Untangle Graphene Oxide (GO) Nanosheets Effects on Plants: Plant Growth-Promoting Bacteria Inoculation, Bacterial Survival, and Drought. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	3
146	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. <i>Aquatic Toxicology</i> , <b>2021</b> , 230, 105673	5.1	15
145	Impacts of climate change-abiotic factors on the effects caused by pharmaceutical residues to marine organisms <b>2021</b> , 591-624		
144	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> , <b>2021</b> , 191, 104619	5.9	0
143	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> , <b>2021</b> , 800, 149478	10.2	1
142	<i>Rhizobium</i> response to sole and combined exposure to cadmium and the phytochemicals alpha-pinene and quercetin. <i>Ecotoxicology</i> , <b>2020</b> , 29, 444-458	2.9	1
141	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> , <b>2020</b> , 243, 110674	2.6	17
140	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 137798	10.2	8
139	<i>Rhizobium</i> sensing of airborne saturated aldehydes of different sizes modulates the response to Cd exposure. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 395, 122629	12.8	1
138	Behavior and biochemical responses of the polychaeta <i>Hediste diversicolor</i> to polystyrene nanoplastics. <i>Science of the Total Environment</i> , <b>2020</b> , 707, 134434	10.2	30
137	Do nanoplastics impact the ability of the polychaeta <i>Hediste diversicolor</i> to regenerate?. <i>Ecological Indicators</i> , <b>2020</b> , 110, 105921	5.8	15
136	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> , <b>2020</b> , 388, 121783	12.8	1
135	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> , <b>2020</b> , 27, 30945-30956	5.1	8
134	Antimicrobial Photodynamic Therapy in the Control of pv. Transmission by Kiwifruit Pollen. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	5
133	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2148	3	7

132	Can <i>Palythoa cf. variabilis</i> biochemical patterns be used to predict coral reef conservation state in Todos Os Santos Bay?. <i>Environmental Research</i> , <b>2020</b> , 186, 109504	7.9	
131	Diversity, Phylogeny and Plant Growth Promotion Traits of Nodule Associated Bacteria Isolated from. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	8
130	The impacts of warming on the toxicity of carbon nanotubes in mussels. <i>Marine Environmental Research</i> , <b>2019</b> , 145, 11-21	3.3	16
129	Valve teratologies and Chl c in the freshwater diatom <i>Tabellaria flocculosa</i> as biomarkers for metal contamination. <i>Ecological Indicators</i> , <b>2019</b> , 101, 476-485	5.8	4
128	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> , <b>2019</b> , 219, 291-299	3.9	3
127	Alginate as a feature of osmotolerance differentiation among soil bacteria isolated from wild legumes growing in Portugal. <i>Science of the Total Environment</i> , <b>2019</b> , 681, 312-319	10.2	6
126	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> , <b>2019</b> , 26, 20742-20752	5.1	8
125	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> , <b>2019</b> , 219, 103-115	3.2	1
124	Extremely acidic environment: Biogeochemical effects on algal biofilms. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 177, 124-132	7	6
123	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . <i>Environmental Research</i> , <b>2019</b> , 175, 200-212	7.9	23
122	Are the effects induced by increased temperature enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Science of the Total Environment</i> , <b>2019</b> , 647, 431-440	10.2	22
121	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> , <b>2019</b> , 186, 109759	7	7
120	The influence of simulated global ocean acidification on the toxic effects of carbon nanoparticles on polychaetes. <i>Science of the Total Environment</i> , <b>2019</b> , 666, 1178-1187	10.2	10
119	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> , <b>2019</b> , 96, 192-201	5.8	2
118	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm <i>Ficopomatus enigmaticus</i> (Fauvel, 1923). <i>Marine Environmental Research</i> , <b>2019</b> , 143, 1-9	3.3	11
117	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> , <b>2018</b> , 198, 10-19	5.1	26
116	Exposure to chlorpyrifos induces morphometric, biochemical and lipidomic alterations in green beans ( <i>Phaseolus vulgaris</i> ). <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 156, 25-33	7	18
115	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> , <b>2018</b> , 235, 857-868	9.3	30

114	Effects of multi-walled carbon nanotube materials on <i>Ruditapes philippinarum</i> under climate change: The case of salinity shifts. <i>Aquatic Toxicology</i> , <b>2018</b> , 199, 199-211	5.1	22
113	Different efficiencies of the same mechanisms result in distinct Cd tolerance within <i>Rhizobium</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 150, 260-269	7	13
112	Assessing Cu impacts on freshwater diatoms: biochemical and metabolomic responses of <i>Tabellaria flocculosa</i> (Roth) K&Ezinger. <i>Science of the Total Environment</i> , <b>2018</b> , 625, 1234-1246	10.2	18
111	Biochemical changes in mussels submitted to different time periods of air exposure. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 8903-8913	5.1	19
110	A freshwater diatom challenged by Zn: Biochemical, physiological and metabolomic responses of <i>Tabellaria flocculosa</i> (Roth) K&Ezinger. <i>Environmental Pollution</i> , <b>2018</b> , 238, 959-971	9.3	11
109	Toxic effects of multi-walled carbon nanotubes on bivalves: Comparison between functionalized and nonfunctionalized nanoparticles. <i>Science of the Total Environment</i> , <b>2018</b> , 622-623, 1532-1542	10.2	46
108	Biochemical responses and accumulation patterns of <i>Mytilus galloprovincialis</i> exposed to thermal stress and Arsenic contamination. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 147, 954-962	7	57
107	Combined effects of arsenic, salinity and temperature on <i>Crassostrea gigas</i> embryotoxicity. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 147, 251-259	7	28
106	Influence of temperature rise on the recovery capacity of <i>Mytilus galloprovincialis</i> exposed to mercury pollution. <i>Ecological Indicators</i> , <b>2018</b> , 93, 1060-1069	5.8	22
105	Bacteria from nodules of wild legume species: Phylogenetic diversity, plant growth promotion abilities and osmotolerance. <i>Science of the Total Environment</i> , <b>2018</b> , 645, 1094-1102	10.2	30
104	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> , <b>2018</b> , 203, 117-129	5.1	13
103	Are the impacts of carbon nanotubes enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Aquatic Toxicology</i> , <b>2018</b> , 202, 163-172	5.1	12
102	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> , <b>2018</b> , 209, 136-148	2.9	7
101	Photoinactivation of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> in kiwifruit plants by cationic porphyrins. <i>Planta</i> , <b>2018</b> , 248, 409-421	4.7	26
100	Trematode infection modulates cockles biochemical response to climate change. <i>Science of the Total Environment</i> , <b>2018</b> , 637-638, 30-40	10.2	10
99	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 358, 484-493	12.8	38
98	The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. <i>Scientific Reports</i> , <b>2018</b> , 8, 8571	4.9	11
97	Sensitive vs. tolerant <i>Nitzschia palea</i> (K&Ezinger) W. Smith strains to atrazine: a biochemical perspective. <i>Ecotoxicology</i> , <b>2018</b> , 27, 860-870	2.9	3

96	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> , <b>2018</b> , 140, 135-144	3.3	9
95	Native and exotic oysters in Brazil: Comparative tolerance to hypercapnia. <i>Environmental Research</i> , <b>2018</b> , 161, 202-211	7.9	5
94	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> , <b>2018</b> , 126, 281-292	6.7	16
93	Interactive effects of contamination and trematode infection in cockles biochemical performance. <i>Environmental Pollution</i> , <b>2018</b> , 243, 1469-1478	9.3	7
92	Protective effects of farnesol on a <i>Rhizobium</i> strain exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 165, 622-629	7	7
91	Does the exposure to salinity variations and water dispersible carbon nanotubes induce oxidative stress in <i>Hediste diversicolor</i> ?. <i>Marine Environmental Research</i> , <b>2018</b> , 141, 186-195	3.3	6
90	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> , <b>2017</b> , 323, 220-232	12.8	27
89	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> , <b>2017</b> , 193, 50-60	3.2	19
88	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> , <b>2017</b> , 154, 126-138	7.9	30
87	Effects of seawater acidification and salinity alterations on metabolic, osmoregulation and oxidative stress markers in <i>Mytilus galloprovincialis</i> . <i>Ecological Indicators</i> , <b>2017</b> , 79, 54-62	5.8	50
86	Physiological and biochemical impacts induced by mercury pollution and seawater acidification in <i>Hediste diversicolor</i> . <i>Science of the Total Environment</i> , <b>2017</b> , 595, 691-701	10.2	33
85	Ecotoxicity of the antihistaminic drug cetirizine to <i>Ruditapes philippinarum</i> clams. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 793-801	10.2	19
84	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> , <b>2017</b> , 148, 73-80	2.6	8
83	Biochemical impacts of Hg in <i>Mytilus galloprovincialis</i> under present and predicted warming scenarios. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 1129-1138	10.2	59
82	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> , <b>2017</b> , 119, 119-131	6.7	11
81	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , <b>2017</b> , 114, 316-326	12.5	43
80	The impacts of emergent pollutants on <i>Ruditapes philippinarum</i> : biochemical responses to carbon nanoparticles exposure. <i>Aquatic Toxicology</i> , <b>2017</b> , 187, 38-47	5.1	39
79	Physiological and biochemical alterations induced in the mussel <i>Mytilus galloprovincialis</i> after short and long-term exposure to carbamazepine. <i>Water Research</i> , <b>2017</b> , 117, 102-114	12.5	63

78	Effects of seawater temperature increase on economically relevant native and introduced clam species. <i>Marine Environmental Research</i> , <b>2017</b> , 123, 62-70	3.3	36
77	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> , <b>2017</b> , 580, 1129-1145	10.2	19
76	Investigating heritability of cadmium tolerance in <i>Chironomus riparius</i> natural populations: A physiological approach. <i>Chemosphere</i> , <b>2017</b> , 170, 83-94	8.4	15
75	Response of <i>Rhizobium</i> to Cd exposure: A volatile perspective. <i>Environmental Pollution</i> , <b>2017</b> , 231, 802-813	3.1	16
74	Toxicological effects of paracetamol on the clam <i>Ruditapes philippinarum</i> : exposure vs recovery. <i>Aquatic Toxicology</i> , <b>2017</b> , 192, 198-206	5.1	44
73	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> , <b>2017</b> , 203, 1-11	3.2	16
72	Can we predict diatoms herbicide sensitivities with phylogeny? Influence of intraspecific and interspecific variability. <i>Ecotoxicology</i> , <b>2017</b> , 26, 1065-1077	2.9	12
71	The impacts of seawater acidification on <i>Ruditapes philippinarum</i> sensitivity to carbon nanoparticles. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 1692-1704	7.1	25
70	Influence of the colonizing substrate on diatom assemblages and implications for bioassessment: a mesocosm experiment. <i>Aquatic Ecology</i> , <b>2017</b> , 51, 145-158	1.9	5
69	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> , <b>2017</b> , 191, 183-193	3.2	13
68	A history of invasion: COI phylogeny of Manila clam <i>Ruditapes philippinarum</i> in Europe. <i>Fisheries Research</i> , <b>2017</b> , 186, 25-35	2.3	22
67	Effects of seawater acidification on <i>Diopatra neapolitana</i> (Polychaete, Onuphidae): Biochemical and regenerative capacity responses. <i>Ecological Indicators</i> , <b>2016</b> , 60, 152-161	5.8	28
66	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> , <b>2016</b> , 151, 653-662	7.9	25
65	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in <i>Diopatra neapolitana</i> and <i>Arenicola marina</i> . <i>Environmental Pollution</i> , <b>2016</b> , 214, 456-463	9.3	23
64	Caffeine impacts in the clam <i>Ruditapes philippinarum</i> : Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. <i>Chemosphere</i> , <b>2016</b> , 160, 95-103	8.4	59
63	<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> , <b>2016</b> , 188, 30-8	3.2	18
62	Intraspecific differences in cadmium tolerance of <i>Nitzschia palea</i> (Kütz.) W. Smith: a biochemical approach. <i>Ecotoxicology</i> , <b>2016</b> , 25, 1305-17	2.9	6
61	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Chemosphere</i> , <b>2016</b> , 146, 565-73	8.4	43

60	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> , <b>2016</b> , 545-546, 569-81	10.2	54
59	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> , <b>2016</b> , 541, 977-985	10.2	68
58	Multiple stressors in estuarine waters: Effects of arsenic and salinity on <i>Ruditapes philippinarum</i> . <i>Science of the Total Environment</i> , <b>2016</b> , 541, 1106-1114	10.2	24
57	The use of <i>Cerastoderma glaucum</i> as a sentinel and bioindicator species: Take-home message. <i>Ecological Indicators</i> , <b>2016</b> , 62, 228-241	5.8	16
56	Clams sensitivity towards As and Hg: A comprehensive assessment of native and exotic species. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 125, 43-54	7	26
55	Clam <i>Ruditapes philippinarum</i> recovery from short-term exposure to the combined effect of salinity shifts and Arsenic contamination. <i>Aquatic Toxicology</i> , <b>2016</b> , 173, 154-164	5.1	15
54	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> , <b>2016</b> , 179, 116-24	3.2	30
53	Bioaccumulation patterns, element partitioning and biochemical performance of <i>Venerupis corrugata</i> from a low contaminated system. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 569-83	4.2	10
52	Accumulation and sub-cellular partitioning of metals and As in the clam <i>Venerupis corrugata</i> : Different strategies towards different elements. <i>Chemosphere</i> , <b>2016</b> , 156, 128-134	8.4	10
51	Native and introduced clams biochemical responses to salinity and pH changes. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 260-268	10.2	42
50	Combined effects of seawater acidification and salinity changes in <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , <b>2016</b> , 176, 141-50	5.1	49
49	Salinity influences the biochemical response of <i>Crassostrea angulata</i> to Arsenic. <i>Environmental Pollution</i> , <b>2016</b> , 214, 756-766	9.3	35
48	Biochemical alterations induced in <i>Hediste diversicolor</i> under seawater acidification conditions. <i>Marine Environmental Research</i> , <b>2016</b> , 117, 75-84	3.3	28
47	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> , <b>2016</b> , 189, 1-9	3.2	3
46	Null alleles of microsatellites for Manila clam <i>Ruditapes philippinarum</i> . <i>Animal Genetics</i> , <b>2016</b> , 47, 135-6	2.5	8
45	Biochemical performance of native and introduced clam species living in sympatry: The role of elements accumulation and partitioning. <i>Marine Environmental Research</i> , <b>2015</b> , 109, 81-94	3.3	20
44	Chronic toxicity of the antiepileptic carbamazepine on the clam <i>Ruditapes philippinarum</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2015</b> , 172-173, 26-35	3.2	52
43	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> , <b>2015</b> , 202, 205-14	9.3	42

42	The effects of salinity changes on the Polychaete <i>Diopatra neapolitana</i> : Impacts on regenerative capacity and biochemical markers. <i>Aquatic Toxicology</i> , <b>2015</b> , 163, 167-76	5.1	27
41	<i>Ruditapes philippinarum</i> and <i>Ruditapes decussatus</i> under Hg environmental contamination. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 11890-904	5.1	27
40	The effects of water acidification, temperature and salinity on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Marine Environmental Research</i> , <b>2015</b> , 106, 30-41	3.3	31
39	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , <b>2015</b> , 85, 137-47	12.5	63
38	Preliminary evaluation of <i>Diopatra neapolitana</i> regenerative capacity as a biomarker for paracetamol exposure. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 13382-92	5.1	22
37	Spatial distribution and bioaccumulation patterns in three clam populations from a low contaminated ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , <b>2015</b> , 155, 114-125	2.9	72
36	Salt tolerance of rhizobial populations from contrasting environmental conditions: understanding the implications of climate change. <i>Ecotoxicology</i> , <b>2015</b> , 24, 143-52	2.9	12
35	Expansion of lugworms towards southern European habitats and their identification using combined ecological, morphological and genetic approaches. <i>Marine Ecology - Progress Series</i> , <b>2015</b> , 533, 177-190	2.6	7
34	Efficiency of cadmium chelation by phytochelatins in <i>Nitzschia palea</i> (K&Ezng) W. Smith. <i>Ecotoxicology</i> , <b>2014</b> , 23, 285-92	2.9	31
33	Physiological and biochemical responses of three Veneridae clams exposed to salinity changes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2014</b> , 177-178, 1-9	2.3	94
32	Genetic diversity of introduced Manila clam <i>Ruditapes philippinarum</i> populations inferred by 16S rDNA. <i>Biochemical Systematics and Ecology</i> , <b>2014</b> , 57, 52-59	1.4	13
31	Presence of the pharmaceutical drug carbamazepine in coastal systems: effects on bivalves. <i>Aquatic Toxicology</i> , <b>2014</b> , 156, 74-87	5.1	117
30	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> , <b>2014</b> , 23, 1270-82	2.9	12
29	Trematode communities in cockles ( <i>Cerastoderma edule</i> ) of the Ria de Aveiro (Portugal): influence of inorganic contamination. <i>Marine Pollution Bulletin</i> , <b>2014</b> , 82, 117-26	6.7	55
28	Tolerance of <i>Venerupis philippinarum</i> to salinity: osmotic and metabolic aspects. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2014</b> , 171, 36-43	2.6	49
27	Physiological and biochemical responses of the Polychaete <i>Diopatra neapolitana</i> to organic matter enrichment. <i>Aquatic Toxicology</i> , <b>2014</b> , 155, 32-42	5.1	50
26	<i>Venerupis decussata</i> under environmentally relevant lead concentrations: Bioconcentration, tolerance, and biochemical alterations. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 2786-94	3.8	12
25	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> , <b>2013</b> , 20, 6658-66	5.1	100



24	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> , <b>2013</b> , 20, 5682-91	5.1	26
23	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> , <b>2013</b> , 20, 3910-22	5.1	7
22	The role of GSTs in the tolerance of <i>Rhizobium leguminosarum</i> to cadmium. <i>BioMetals</i> , <b>2013</b> , 26, 879-86	3.4	26
21	Cadmium chelation by frustulins: a novel metal tolerance mechanism in <i>Nitzschia palea</i> (K&Ezing) W. Smith. <i>Ecotoxicology</i> , <b>2013</b> , 22, 166-73	2.9	26
20	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 decussata</i> and <i>Venerupis philippinarum</i> ). <i>Journal of Chromatography A</i> , <b>2013</b> , 1315, 152-61	4.5	23
19	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> , <b>2012</b> , 99, 21-30	2.9	24
18	Cd <sup>2+</sup> affects the growth, hierarchical structure and peptide composition of the biosilica of the freshwater diatom <i>Nitzschia palea</i> (K&Ezing) W. Smith. <i>Phycological Research</i> , <b>2012</b> , 60, 229-240	1.3	11
17	Are metallothioneins equally good biomarkers of metal and oxidative stress?. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 84, 185-90	7	31
16	<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> , <b>2012</b> , 156, 80-6	3.2	24
15	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> , <b>2012</b> , 14, 2181-8		10
14	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> , <b>2012</b> , 75, 109-18	7	74
13	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> , <b>2012</b> , 110, 43-53 <sup>2.9</sup>		39
12	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> , <b>2011</b> , 19, 2879-88	5.1	21
11	Health concerns of consuming cockles ( <i>Cerastoderma edule</i> L.) from a low contaminated coastal system. <i>Environment International</i> , <b>2011</b> , 37, 965-72	12.9	33
10	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> , <b>2011</b> , 222, 1-15	2.6	36
9	Sensitivity of biochemical markers to evaluate cadmium stress in the freshwater diatom <i>Nitzschia palea</i> (K&Ezing) W. Smith. <i>Aquatic Toxicology</i> , <b>2010</b> , 99, 109-17	5.1	59
8	Accumulation, distribution and cellular partitioning of mercury in several halophytes of a contaminated salt marsh. <i>Chemosphere</i> , <b>2009</b> , 76, 1348-55	8.4	67
7	Pea Cultivation in Saline Soils: Influence of Nitrogen Nutrition <b>2009</b> , 267-286		1

6	Screening possible mechanisms mediating cadmium resistance in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> isolated from contaminated Portuguese soils. <i>Microbial Ecology</i> , <b>2006</b> , 52, 176-86	4.4	41
5	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> , <b>2006</b> , 55, 149-162	5.9	75
4	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> , <b>2006</b> , 33, 286-293	5	59
3	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> , <b>2006</b> , 40, 132-137	3.8	49
2	Glutathione-mediated cadmium sequestration in <i>Rhizobium leguminosarum</i> . <i>Enzyme and Microbial Technology</i> , <b>2006</b> , 39, 763-769	3.8	80
1	Cadmium tolerance plasticity in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> : glutathione as a detoxifying agent. <i>Canadian Journal of Microbiology</i> , <b>2005</b> , 51, 7-14	3.2	66