

Tiago F. Grilo

List of Publications by Year in descending order

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36
papers

835
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516215

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500791

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37
docs citations

37
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Seagrass ecophysiological performance under ocean warming and acidification. <i>Scientific Reports</i> , 2017, 7, 41443.	1.6	90
2	Long-term changes in the production by estuarine macrobenthos affected by multiple stressors. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 92, 10-18.	0.9	80
3	Effects of extreme climate events on the macrobenthic communities' structure and functioning of a temperate estuary. <i>Marine Pollution Bulletin</i> , 2011, 62, 303-311.	2.3	77
4	Ocean acidification dampens physiological stress response to warming and contamination in a commercially-important fish (<i>Argyrosomus regius</i>). <i>Science of the Total Environment</i> , 2018, 618, 388-398.	3.9	59
5	Implications of nutrient decline in the seagrass ecosystem success. <i>Marine Pollution Bulletin</i> , 2010, 60, 601-608.	2.3	49
6	Drivers of estuarine benthic species distribution patterns following a restoration of a seagrass bed: A functional trait analyses. <i>Marine Pollution Bulletin</i> , 2013, 72, 47-54.	2.3	45
7	Accumulation, elimination and neuro-oxidative damage under lanthanum exposure in glass eels (<i>Anguilla anguilla</i>). <i>Chemosphere</i> , 2018, 206, 414-423.	4.2	38
8	Intersexuality in aquatic invertebrates: Prevalence and causes. <i>Science of the Total Environment</i> , 2017, 592, 714-728.	3.9	34
9	Transgenerational deleterious effects of ocean acidification on the reproductive success of a keystone crustacean (<i>Gammarus locusta</i>). <i>Marine Environmental Research</i> , 2018, 138, 55-64.	1.1	33
10	Sex differences in oxidative stress responses of tropical topshells (<i>Trochus histrio</i>) to increased temperature and high pCO ₂ . <i>Marine Pollution Bulletin</i> , 2018, 131, 252-259.	2.3	25
11	Climate influence on juvenile European sea bass (<i>Dicentrarchus labrax</i> , L.) populations in an estuarine nursery: A decadal overview. <i>Marine Environmental Research</i> , 2016, 122, 93-104.	1.1	24
12	Organochlorine accumulation on a highly consumed bivalve (<i>Scrobicularia plana</i>) and its main implications for human health. <i>Science of the Total Environment</i> , 2013, 461-462, 188-197.	3.9	22
13	Seasonal and latitudinal variation in seagrass mechanical traits across Europe: The influence of local nutrient status and morphometric plasticity. <i>Limnology and Oceanography</i> , 2018, 63, 37-46.	1.6	22
14	Short-term effects of increased temperature and lowered pH on a temperate grazer-seaweed interaction (<i>Littorina obtusata</i> / <i>Ascophyllum nodosum</i>). <i>Estuarine, Coastal and Shelf Science</i> , 2017, 197, 35-44.	0.9	21
15	Mercury bioaccumulation and decontamination kinetics in the edible cockle <i>Cerastoderma edule</i> . <i>Chemosphere</i> , 2013, 90, 1854-1859.	4.2	18
16	Latitudinal Patterns in European Seagrass Carbon Reserves: Influence of Seasonal Fluctuations versus Short-Term Stress and Disturbance Events. <i>Frontiers in Plant Science</i> , 2018, 9, 88.	1.7	18
17	Warming enhances lanthanum accumulation and toxicity promoting cellular damage in glass eels (<i>Anguilla anguilla</i>). <i>Environmental Research</i> , 2020, 191, 110051.	3.7	17
18	New climatic targets against global warming: will the maximum 2°C temperature rise affect estuarine benthic communities?. <i>Scientific Reports</i> , 2017, 7, 3918.	1.6	16

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19	Hypercapnia-induced disruption of long-distance mate-detection and reduction of energy expenditure in a coastal keystone crustacean. <i>Physiology and Behavior</i> , 2018, 195, 69-75.	1.0	16
20	Transgenerational exposure to ocean acidification induces biochemical distress in a keystone amphipod species (<i>Gammarus locusta</i>). <i>Environmental Research</i> , 2019, 170, 168-177.	3.7	15
21	Long-term changes in amphipod population dynamics in a temperate estuary following ecosystem restoration. <i>Hydrobiologia</i> , 2009, 630, 91-104.	1.0	14
22	Pollen limitation may be a common Allee effect in marine hydrophilous plants: implications for decline and recovery in seagrasses. <i>Oecologia</i> , 2016, 182, 595-609.	0.9	14
23	Ocean warming and acidification may challenge the riverward migration of glass eels. <i>Biology Letters</i> , 2019, 15, 20180627.	1.0	12
24	Implications of <i>Zostera noltii</i> recolonization on <i>Hydrobia ulvae</i> population structure success. <i>Marine Environmental Research</i> , 2012, 73, 78-84.	1.1	9
25	Uptake and depuration of PCB-153 in edible shrimp <i>Palaemonetes varians</i> and human health risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 97-102.	2.9	9
26	Single and combined ecotoxicological effects of ocean warming, acidification and lanthanum exposure on the surf clam (<i>Spisula solida</i>). <i>Chemosphere</i> , 2022, 302, 134850.	4.2	9
27	Kinetics of Mercury Bioaccumulation in the Polychaete <i>Hediste diversicolor</i> and in the Bivalve <i>Scrobicularia plana</i> , Through a Dietary Exposure Pathway. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 421-428.	1.1	8
28	Field transplantation of the bivalve <i>Scrobicularia plana</i> along a mercury gradient in Ria de Aveiro (Portugal): Uptake and depuration kinetics. <i>Science of the Total Environment</i> , 2015, 512-513, 55-61.	3.9	8
29	Performance and herbivory of the tropical topshell <i>Trochus histrio</i> under short-term temperature increase and high CO ₂ . <i>Marine Pollution Bulletin</i> , 2019, 138, 295-301.	2.3	7
30	Impaired antioxidant defenses and DNA damage in the European glass eel (<i>Anguilla anguilla</i>) exposed to ocean warming and acidification. <i>Science of the Total Environment</i> , 2021, 774, 145499.	3.9	7
31	Kinetics of Mercury Accumulation and Elimination in Edible Glass Eel (<i>Anguilla anguilla</i>) and Potential Health Public Risks. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	5
32	Lanthanum and Gadolinium availability in aquatic mediums: New insights to ecotoxicology and environmental studies. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 71, 126957.	1.5	5
33	Bioaccumulation of Trace Elements in Myctophids in the Oxygen Minimum Zone Ecosystem of the Gulf of California. <i>Oceans</i> , 2020, 1, 34-46.	0.6	3
34	Differential tissue accumulation in the invasive Manila clam, <i>Ruditapes philippinarum</i> , under two environmentally relevant lanthanum concentrations. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 11.	1.3	2
35	A triple threat: ocean warming, acidification and rare earth elements exposure triggers a superior antioxidant response and pigment production in the adaptable <i>Ulva rigida</i> . <i>Environmental Advances</i> , 2022, , 100235.	2.2	2
36	A decadal trend of juvenile European sea bass (<i>Dicentrarchus labrax</i> , L.) responses to climate patterns in the Mondego estuary, Portugal. <i>Frontiers in Marine Science</i> , 0, 2, .	1.2	0