

# J C Marques

## List of Publications by Year in descending order

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328  
papers

13,083  
citations

26610

56  
h-index

40954

93  
g-index

339  
all docs

339  
docs citations

339  
times ranked

10513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal distribution of microplastics in water and sediments of a freshwater system (Antuã River, Portugal). <i>Science of the Total Environment</i> , 2018, 633, 1549-1559.	3.9	560
2	Overview of integrative tools and methods in assessing ecological integrity in estuarine and coastal systems worldwide. <i>Marine Pollution Bulletin</i> , 2008, 56, 1519-1537.	2.3	425
3	Occurrence of microplastics in commercial fish from a natural estuarine environment. <i>Marine Pollution Bulletin</i> , 2018, 128, 575-584.	2.3	387
4	Good Environmental Status of marine ecosystems: What is it and how do we know when we have attained it?. <i>Marine Pollution Bulletin</i> , 2013, 76, 16-27.	2.3	258
5	Review and evaluation of estuarine biotic indices to assess benthic condition. <i>Ecological Indicators</i> , 2009, 9, 1-25.	2.6	243
6	Dynamic changes in seagrass assemblages under eutrophication and implications for recovery. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 302, 233-248.	0.7	193
7	Analysis of the properties of exergy and biodiversity along an estuarine gradient of eutrophication. <i>Ecological Modelling</i> , 1997, 102, 155-167.	1.2	165
8	Hydrodynamics as a Major Factor Controlling the Occurrence of Green Macroalgal Blooms in a Eutrophic Estuary: A Case Study on the Influence of Precipitation and River Management. <i>Estuarine, Coastal and Shelf Science</i> , 2001, 52, 165-177.	0.9	162
9	Calculations of exergy for organisms. <i>Ecological Modelling</i> , 2005, 185, 165-175.	1.2	156
10	Impact of eutrophication and river management within a framework of ecosystem theories. <i>Ecological Modelling</i> , 2003, 166, 147-168.	1.2	150
11	Climate Change Impacts on Seagrass Meadows and Macroalgal Forests: An Integrative Perspective on Acclimation and Adaptation Potential. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	149
12	Ecophysiological adaptations of two halophytes to salt stress: Photosynthesis, PS II photochemistry and anti-oxidant feedback – Implications for resilience in climate change. <i>Plant Physiology and Biochemistry</i> , 2013, 67, 178-188.	2.8	148
13	Impacts of plastic products used in daily life on the environment and human health: What is known?. <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103239.	2.0	141
14	User-friendly guide for using benthic ecological indicators in coastal and marine quality assessment. <i>Ocean and Coastal Management</i> , 2006, 49, 308-331.	2.0	140
15	Response of single benthic metrics and multi-metric methods to anthropogenic pressure gradients, in five distinct European coastal and transitional ecosystems. <i>Marine Pollution Bulletin</i> , 2011, 62, 499-513.	2.3	139
16	Nutrient cycling and plant dynamics in estuaries: A brief review. <i>Acta Oecologica</i> , 1999, 20, 237-248.	0.5	133
17	The Evolution Road of Seaweed Aquaculture: Cultivation Technologies and the Industry 4.0. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6528.	1.2	124
18	A biological trait approach to assess the functional composition of subtidal benthic communities in an estuarine ecosystem. <i>Ecological Indicators</i> , 2012, 20, 121-133.	2.6	119

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19	Fatty acid profiling as bioindicator of chemical stress in marine organisms: A review. <i>Ecological Indicators</i> , 2016, 67, 657-672.	2.6	118
20	Description of the three shallow estuaries: Mondego River (Portugal), Roskilde Fjord (Denmark) and the Lagoon of Venice (Italy). <i>Ecological Modelling</i> , 1997, 102, 17-31.	1.2	113
21	Management of a shallow temperate estuary to control eutrophication: The effect of hydrodynamics on the system's nutrient loading. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 697-707.	0.9	112
22	Zooplankton and ichthyoplankton communities in a temperate estuary: spatial and temporal patterns. <i>Journal of Plankton Research</i> , 2006, 28, 297-312.	0.8	111
23	Evaluation of the applicability of a marine biotic index to characterize the status of estuarine ecosystems: the case of Mondego estuary (Portugal). <i>Ecological Indicators</i> , 2004, 4, 215-225.	2.6	109
24	The effect of salinity on the growth rate of the macroalgae <i>Enteromorpha intestinalis</i> (Chlorophyta) in the Mondego estuary (west Portugal). <i>Acta Oecologica</i> , 1999, 20, 259-265.	0.5	103
25	Ascendency as an ecological indicator: a case study of estuarine pulse eutrophication. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 60, 23-35.	0.9	103
26	Short- and long-term effects of eutrophication on the secondary production of an intertidal macrobenthic community. <i>Marine Biology</i> , 2003, 143, 1229-1238.	0.7	101
27	Benthic meiofauna as indicator of ecological changes in estuarine ecosystems: The use of nematodes in ecological quality assessment. <i>Ecological Indicators</i> , 2013, 24, 462-475.	2.6	99
28	Systematic processes of land use/land cover change to identify relevant driving forces: Implications on water quality. <i>Science of the Total Environment</i> , 2014, 470-471, 1320-1335.	3.9	99
29	Seaweed's Bioactive Candidate Compounds to Food Industry and Global Food Security. <i>Life</i> , 2020, 10, 140.	1.1	97
30	A review on the ecological quality status assessment in aquatic systems using community based indicators and ecotoxicological tools: what might be the added value of their combination?. <i>Ecological Indicators</i> , 2015, 48, 8-16.	2.6	93
31	Towards a DPSIR driven integration of ecological value, water uses and ecosystem services for estuarine systems. <i>Ocean and Coastal Management</i> , 2013, 72, 64-79.	2.0	92
32	DNA Sequencing as a Tool to Monitor Marine Ecological Status. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	92
33	The effect of eutrophication abatement on the bivalve <i>Scrobicularia plana</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2005, 63, 261-268.	0.9	91
34	Monitoring of coastal and transitional waters under the E.U. Water Framework Directive. <i>Environmental Monitoring and Assessment</i> , 2007, 135, 195-216.	1.3	90
35	Tales from a thousand and one ways to integrate marine ecosystem components when assessing the environmental status. <i>Frontiers in Marine Science</i> , 2014, 1, .	1.2	86
36	Feeding ecology, population structure and distribution of <i>Pomatoschistus microps</i> (KrÅymer, 1838) and <i>Pomatoschistus minutus</i> (Pallas, 1770) in a temperate estuary, Portugal. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 66, 231-239.	0.9	85

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37	Linking biodiversity indicators, ecosystem functioning, provision of services and human well-being in estuarine systems: Application of a conceptual framework. <i>Ecological Indicators</i> , 2014, 36, 644-655.	2.6	85
38	The effect of macrofauna, meiofauna and microfauna on the degradation of <i>Spartina maritima</i> detritus from a salt marsh area. <i>Acta Oecologica</i> , 1999, 20, 249-258.	0.5	82
39	Population structure, dynamics and production of <i>Hydrobia ulvae</i> (Pennant) (Mollusca: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>Oecologica</i> , 1999, 20, 289-304.	0.5	80
40	Mass balanced models of the food web in three areas along a gradient of eutrophication symptoms in the south arm of the Mondego estuary (Portugal). <i>Ecological Modelling</i> , 2006, 197, 21-34.	1.2	80
41	Assessing coastal benthic macrofauna community condition using best professional judgement â€œDeveloping consensus across North America and Europe. <i>Marine Pollution Bulletin</i> , 2010, 60, 589-600.	2.3	80
42	The use of nursery areas by juvenile fish in a temperate estuary, Portugal. <i>Hydrobiologia</i> , 2007, 587, 281-290.	1.0	79
43	The robustness of ecological indicators to detect long-term changes in the macrobenthos of estuarine systems. <i>Marine Environmental Research</i> , 2009, 68, 25-36.	1.1	78
44	Macroinvertebrate response to different species of macroalgal mats and the role of disturbance history. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 308, 207-220.	0.7	74
45	A benthic perspective in assessing the ecological status of estuaries: The case of the Mondego estuary (Portugal). <i>Ecological Indicators</i> , 2008, 8, 404-416.	2.6	74
46	Feeding ecology of the green crab, <i>Carcinus maenas</i> (L., 1758) in a temperate estuary, Portugal. <i>Crustaceana</i> , 2006, 79, 1181-1193.	0.1	72
47	The effect of different primary producers on <i>Hydrobia ulvae</i> population dynamics: a case study in a temperate intertidal estuary. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 277, 173-195.	0.7	70
48	The influence of temperature and salinity on the duration of embryonic development, fecundity and growth of the amphipod <i>Echinogammarus marinus</i> Leach (Gammaridae). <i>Acta Oecologica</i> , 2003, 24, 5-13.	0.5	68
49	Modelling the effects of eutrophication, mitigation measures and an extreme flood event on estuarine benthic food webs. <i>Ecological Modelling</i> , 2011, 222, 1209-1221.	1.2	67
50	Nuclear DNA in the determination of weighing factors to estimate exergy from organisms biomass. <i>Ecological Modelling</i> , 2000, 126, 179-189.	1.2	66
51	Quality assessment of benthic macroinvertebrates under the scope of WFD using BAT, the Benthic Assessment Tool. <i>Marine Pollution Bulletin</i> , 2009, 58, 1477-1486.	2.3	66
52	Annual and seasonal consistency in the feeding ecology of an opportunistic species, the yellow-legged gull <i>Larus michahellis</i> . <i>Marine Ecology - Progress Series</i> , 2014, 497, 273-284.	0.9	65
53	An Overview to the Health Benefits of Seaweeds Consumption. <i>Marine Drugs</i> , 2021, 19, 341.	2.2	65
54	Ecological quality assessment of transitional waters based on fish assemblages in Portuguese estuaries: The Estuarine Fish Assessment Index (EFAI). <i>Ecological Indicators</i> , 2012, 19, 144-153.	2.6	64

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55	Spatial distribution of subtidal Nematoda communities along the salinity gradient in southern European estuaries. <i>Acta Oecologica</i> , 2009, 35, 287-300.	0.5	62
56	Fatty acids™ profiles as indicators of stress induced by of a common herbicide on two marine bivalves species: <i>Cerastoderma edule</i> (Linnaeus, 1758) and <i>Scrobicularia plana</i> (da Costa, 1778). <i>Ecological Indicators</i> , 2016, 63, 209-218.	2.6	61
57	The Response of Estuarine Macrobenthic Communities to Natural- and Human-Induced Changes: Dynamics and Ecological Quality. <i>Estuaries and Coasts</i> , 2010, 33, 1327-1339.	1.0	60
58	Development of an Angiosperm Quality Assessment Index (AQuA-Index) for ecological quality evaluation of Portuguese water bodies”A multi-metric approach. <i>Ecological Indicators</i> , 2013, 25, 141-148.	2.6	59
59	Ecosystem services as a resilience descriptor in habitat risk assessment using the InVEST model. <i>Ecological Indicators</i> , 2020, 115, 106426.	2.6	59
60	Zooplankton distribution in a temperate estuary (Mondego estuary southern arm: Western Portugal). <i>Acta Oecologica</i> , 2003, 24, S163-S173.	0.5	58
61	Size-dependent variations on the nutritional pathway of <i>Bathymodiolus azoricus</i> demonstrated by a C-flux model. <i>Ecological Modelling</i> , 2008, 217, 59-71.	1.2	58
62	δ <sup>15</sup> N and δ <sup>13</sup> C in the Mondego estuary food web: Seasonal variation in producers and consumers. <i>Marine Environmental Research</i> , 2009, 67, 109-116.	1.1	58
63	The impact of estuarine salinity changes on the bivalves <i>Scrobicularia plana</i> and <i>Cerastoderma edule</i> , illustrated by behavioral and mortality responses on a laboratory assay. <i>Ecological Indicators</i> , 2015, 52, 96-104.	2.6	56
64	Impact of macroalgal blooms and wader predation on intertidal macroinvertebrates: experimental evidence from the Mondego estuary (Portugal). <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 249, 165-179.	0.7	55
65	A Model for the Growth of Opportunistic Macroalgae ( <i>Enteromorpha</i> sp.) in Tidal Estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2002, 55, 247-257.	0.9	55
66	Life history, population dynamics and production of eastern mosquitofish, <i>Gambusia holbrooki</i> (Pisces, Poeciliidae), in rice fields of the lower Mondego River Valley, western Portugal. <i>Acta Oecologica</i> , 1999, 20, 607-620.	0.5	54
67	Biochemical and populational responses of an aquatic bioindicator species, <i>Daphnia longispina</i> , to a commercial formulation of a herbicide (Primextra® Gold TZ) and its active ingredient (S-metolachlor). <i>Ecological Indicators</i> , 2015, 53, 220-230.	2.6	54
68	Assessment of the subtidal macrobenthic community functioning of a temperate estuary following environmental restoration. <i>Ecological Indicators</i> , 2012, 23, 312-322.	2.6	52
69	The performance of trait-based indices in an estuarine environment. <i>Ecological Indicators</i> , 2016, 61, 378-389.	2.6	52
70	Disentangling the photochemical salinity tolerance in <i>Aster tripolium</i> L.: connecting biophysical traits with changes in fatty acid composition. <i>Plant Biology</i> , 2017, 19, 239-248.	1.8	52
71	Assessing the health of coastal marine ecosystems: A holistic approach based on sediment micro and meio-benthic measures. <i>Ecological Indicators</i> , 2006, 6, 525-542.	2.6	51
72	Marine Macroalgae Assessment Tool (MarMAT) for intertidal rocky shores. Quality assessment under the scope of the European Water Framework Directive. <i>Ecological Indicators</i> , 2012, 19, 39-47.	2.6	51

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73	Ecophysiological constraints of <i>Aster tripolium</i> under extreme thermal events impacts: Merging biophysical, biochemical and genetic insights. <i>Plant Physiology and Biochemistry</i> , 2015, 97, 217-228.	2.8	51
74	Biochemical and toxicological effects of organic (herbicide Primextra® Gold TZ) and inorganic (copper) compounds on zooplankton and phytoplankton species. <i>Aquatic Toxicology</i> , 2016, 177, 33-43.	1.9	51
75	Functional changes in polychaete and mollusc communities in two tropical estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 187, 62-73.	0.9	51
76	Do nematode and macrofauna assemblages provide similar ecological assessment information?. <i>Ecological Indicators</i> , 2012, 14, 124-137.	2.6	50
77	Biology, population dynamics and secondary production of the green crab <i>Carcinus maenas</i> (L.) in a temperate estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 43-52.	0.9	48
78	Zooplankton distribution and dynamics in a temperate shallow estuary. <i>Hydrobiologia</i> , 2007, 587, 213-223.	1.0	47
79	Eutrophication and trophic structure in response to the presence of the eelgrass <i>Zostera noltii</i> . <i>Marine Biology</i> , 2009, 156, 2107-2120.	0.7	47
80	Can variations in the spatial distribution at sea and isotopic niche width be associated with consistency in the isotopic niche of a pelagic seabird species?. <i>Marine Biology</i> , 2014, 161, 1861-1872.	0.7	47
81	Diversity measures in macroinvertebrate and zooplankton communities related to the trophic status of subtropical reservoirs: Contradictory or complementary responses?. <i>Ecological Indicators</i> , 2015, 50, 135-149.	2.6	47
82	Coastal vulnerability in barrier islands: The high risk areas of the Ria Formosa (Portugal) system. <i>Ocean and Coastal Management</i> , 2010, 53, 478-486.	2.0	46
83	Behavioral and mortality responses of the bivalves <i>Scrobicularia plana</i> and <i>Cerastoderma edule</i> to temperature, as indicator of climate change's potential impacts. <i>Ecological Indicators</i> , 2015, 58, 95-103.	2.6	46
84	Phosphorous dynamics in a temperate intertidal estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 61, 101-109.	0.9	45
85	The ecological sustainability trigon " A proposed conceptual framework for creating and testing management scenarios. <i>Marine Pollution Bulletin</i> , 2009, 58, 1773-1779.	2.3	44
86	Assessing estuarine quality under the ecosystem services scope: Ecological and socioeconomic aspects. <i>Ecological Complexity</i> , 2010, 7, 389-402.	1.4	44
87	Temporal changes in macrofauna as response indicator to potential human pressures on sandy beaches. <i>Ecological Indicators</i> , 2014, 41, 49-57.	2.6	44
88	Impact of crayfish densities on wet seeded rice and the inefficiency of a non-ionic surfactant as an ecotechnological solution. <i>Ecological Engineering</i> , 2000, 15, 17-25.	1.6	42
89	<i>Zostera noltii</i> development probing using chlorophyll a transient analysis (JIP-test) under field conditions: Integrating physiological insights into a photochemical stress index. <i>Ecological Indicators</i> , 2017, 76, 219-229.	2.6	42
90	The influence of environmental factors on the population dynamics, reproductive biology and productivity of <i>Echinogammarus marinus</i> Leach (Amphipoda, Gammaridae) in the Mondego estuary (Portugal). <i>Acta Oecologica</i> , 2001, 22, 139-152.	0.5	41

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91	Modelling nutrient mass balance in a temperate meso-tidal estuary: Implications for management. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 76, 175-185.	0.9	41
92	Ecological indices tracking distinct impacts along disturbance-recovery gradients in a temperate NE Atlantic Estuary – Guidance on reference values. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 80, 130-140.	0.9	41
93	Calibration and validation of the AZTI's Marine Biotic Index (AMBI) for Southern California marine bays. <i>Ecological Indicators</i> , 2012, 12, 84-95.	2.6	41
94	The use of nematodes in assessing ecological conditions in shallow waters surrounding a Mediterranean harbour facility. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 209-221.	0.9	41
95	Halophyte fatty acids as biomarkers of anthropogenic-driven contamination in Mediterranean marshes: Sentinel species survey and development of an integrated biomarker response (IBR) index. <i>Ecological Indicators</i> , 2018, 87, 86-96.	2.6	41
96	Seaweeds as Valuable Sources of Essential Fatty Acids for Human Nutrition. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4968.	1.2	41
97	The impact of macroalgal blooms on the use of the intertidal area and feeding behaviour of waders (Charadrii) in the Mondego estuary (west Portugal). <i>Acta Oecologica</i> , 1999, 20, 417-427.	0.5	40
98	Ecological status assessment in the lower Eo estuary (Spain). The challenge of habitat heterogeneity integration: A benthic perspective. <i>Marine Pollution Bulletin</i> , 2008, 56, 1275-1283.	2.3	40
99	Salinity as the major factor affecting <i>Scirpus maritimus</i> annual dynamics. <i>Aquatic Botany</i> , 2003, 77, 111-120.	0.8	39
100	Environmental Impact on Seaweed Phenolic Production and Activity: An Important Step for Compound Exploitation. <i>Marine Drugs</i> , 2021, 19, 245.	2.2	39
101	Thermodynamics in Ecology – An Introductory Review. <i>Entropy</i> , 2020, 22, 820.	1.1	38
102	Biodiversity in the ecosystem of the Portuguese continental shelf: distributional ecology and the role of benthic amphipods. <i>Marine Biology</i> , 1993, 115, 555-564.	0.7	37
103	Ascendency as Ecological Indicator for Environmental Quality Assessment at the Ecosystem Level: A Case Study. <i>Hydrobiologia</i> , 2006, 555, 19-30.	1.0	37
104	The effects of season and wrack subsidy on the community functioning of exposed sandy beaches. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 165-177.	0.9	37
105	Taxonomic resolution and Biological Traits Analysis (BTA) approaches in estuarine free-living nematodes. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 138, 69-78.	0.9	37
106	Ecotoxicity of the lipid-lowering drug bezafibrate on the bioenergetics and lipid metabolism of the diatom <i>Phaeodactylum tricornutum</i> . <i>Science of the Total Environment</i> , 2019, 650, 2085-2094.	3.9	37
107	Fluoxetine Arrests Growth of the Model Diatom <i>Phaeodactylum tricornutum</i> by Increasing Oxidative Stress and Altering Energetic and Lipid Metabolism. <i>Frontiers in Microbiology</i> , 2020, 11, 1803.	1.5	37
108	An Overview of the Alternative Use of Seaweeds to Produce Safe and Sustainable Bio-Packaging. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3123.	1.3	37



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109	Population Biology and Production of the Red Swamp Crayfish <i>Procambarus clarkii</i> (Girard) in the Lower Mondego River Valley, Portugal. <i>Journal of Crustacean Biology</i> , 1995, 15, 156.	0.3	36
110	Title is missing!. <i>Hydrobiologia</i> , 1998, 382, 41-51.	1.0	36
111	Temporal and spatial structure in the suprabenthic community of a shallow estuary (western Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	35
112	Are Taxonomic Distinctness measures compliant to other ecological indicators in assessing ecological status?. <i>Marine Pollution Bulletin</i> , 2006, 52, 817-829.	2.3	35
113	Applying quality status criteria to a temperate estuary before and after the mitigation measures to reduce eutrophication symptoms. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 72, 177-187.	0.9	35
114	Spatial distribution of subtidal meiobenthos along estuarine gradients in two southern European estuaries (Portugal). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2009, 89, 1529-1540.	0.4	35
115	Biophysical probing of <i>Spartina maritima</i> photo-system II changes during prolonged tidal submersion periods. <i>Plant Physiology and Biochemistry</i> , 2014, 77, 122-132.	2.8	35
116	Spatial and temporal response of multiple trait-based indices to natural- and anthropogenic seafloor disturbance (effluents). <i>Ecological Indicators</i> , 2016, 69, 617-628.	2.6	35
117	Population dynamics of <i>Cyathura carinata</i> (Isopoda) in a eutrophic temperate estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 61, 669-677.	0.9	34
118	Natural variability and reference conditions: setting type-specific classification boundaries for lagoon macroinvertebrates in the Mediterranean and Black Seas. <i>Hydrobiologia</i> , 2013, 704, 325-345.	1.0	34
119	Trends in water quality and subtidal benthic communities in a temperate estuary: Is the response to restoration efforts hidden by climate variability and the Estuarine Quality Paradox?. <i>Ecological Indicators</i> , 2013, 24, 56-67.	2.6	34
120	Population Dynamics, Life History, and Production of <i>Cyathura carinata</i> (Kroyer) (Isopoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	0.3	33
121	CRISP (crayfish and rice integrated system of production): 2. Modelling crayfish ( <i>Procambarus clarkii</i> ) population dynamics. <i>Ecological Modelling</i> , 1999, 123, 5-16.	1.2	33
122	Benthic condition in low salinity areas of the Mira estuary (Portugal): Lessons learnt from freshwater and marine assessment tools. <i>Ecological Indicators</i> , 2012, 19, 79-88.	2.6	33
123	Estuarine intertidal meiofauna and nematode communities as indicator of ecosystem's recovery following mitigation measures. <i>Ecological Indicators</i> , 2015, 54, 184-196.	2.6	33
124	Invasive bivalves increase benthic communities complexity in neotropical reservoirs. <i>Ecological Indicators</i> , 2017, 75, 279-285.	2.6	33
125	Significant variations in the productivity of green macroalgae in a mesotidal estuary: Implications to the nutrient loading of the system and the adjacent coastal area. <i>Marine Pollution Bulletin</i> , 2007, 54, 678-690.	2.3	32
126	Applicability of the trophic index TRIX in two transitional ecosystems: the Mar Menor lagoon (Spain) and the Mondego estuary (Portugal). <i>ICES Journal of Marine Science</i> , 2008, 65, 1442-1448.	1.2	32



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127	Photochemical and biophysical feedbacks of C3 and C4 Mediterranean halophytes to atmospheric CO2 enrichment confirmed by their stable isotope signatures. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 10-22.	2.8	32
128	Beach morphodynamic impact on a macrobenthic community along a subtidal depth gradient. <i>Marine Ecology - Progress Series</i> , 2007, 352, 113-124.	0.9	32
129	Feeding guild composition of a macrobenthic subtidal community along a depth gradient. <i>Scientia Marina</i> , 2009, 73, 225-237.	0.3	32
130	Response of intertidal macrobenthic communities to long term human induced changes in the Eo estuary (Asturias, Spain): Implications for environmental management. <i>Marine Environmental Research</i> , 2008, 66, 288-299.	1.1	31
131	Ecophysiological constraints of two invasive plant species under a saline gradient: Halophytes versus glycophytes. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 154-165.	0.9	31
132	Migratory connectivity and temporal segregation of dunlin ( <i>Calidris alpina</i> ) in Portugal: evidence from morphology, ringing recoveries and mtDNA. <i>Journal Fur Ornithologie</i> , 2006, 147, 385-394.	1.2	30
133	Abiotic modulation of <i>Spartina maritima</i> photobiology in different latitudinal populations. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 127-137.	0.9	30
134	Thermodynamic oriented ecological indicators: Application of Eco-Exergy and Specific Eco-Exergy in capturing environmental changes between disturbed and non-disturbed tropical reservoirs. <i>Ecological Indicators</i> , 2013, 24, 543-551.	2.6	30
135	The biochemical response of two commercial bivalve species to exposure to strong salinity changes illustrated by selected biomarkers. <i>Ecological Indicators</i> , 2017, 77, 59-66.	2.6	30
136	Integrating marine ecosystem conservation and ecosystems services economic valuation: Implications for coastal zones governance. <i>Ecological Indicators</i> , 2017, 77, 114-122.	2.6	30
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