

# J C Marques

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Impacts of low concentrations of nanoplastics on leaf litter decomposition and food quality for detritivores in streams. <i>Journal of Hazardous Materials</i> , 2022, 429, 128320.	6.5	22
2	A Comparative Study of the Fatty Acids and Monosaccharides of Wild and Cultivated <i>Ulva</i> sp.. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 233.	1.2	7
3	Seaweed-Based Polymers from Sustainable Aquaculture to “Greener” Plastic Products. , 2022, , 591-602.		4
4	A Global Overview of Aquaculture Food Production with a Focus on the Activity’s Development in Transitional Systems – The Case Study of a South European Country (Portugal). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 417.	1.2	24
5	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
6	Marine macroalgae as a feasible and complete resource to address and promote Sustainable Development Goals (SDGs). <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 1148-1161.	1.6	10
7	LipidTOX: A fatty acid-based index efficient for ecotoxicological studies with marine model diatoms exposed to legacy and emerging contaminants. <i>Ecological Indicators</i> , 2022, 139, 108885.	2.6	3
8	Assessment of metal exposure (uranium and copper) in fatty acids and carbohydrate profiles of <i>Calamoceras marsupus</i> larvae (Trichoptera) and <i>Alnus glutinosa</i> leaf litter. <i>Science of the Total Environment</i> , 2022, 836, 155613.	3.9	5
9	Development of a toxicophenomic index for trace element ecotoxicity tests using the halophyte <i>Juncus acutus</i> : Juncus-TOX. <i>Ecological Indicators</i> , 2021, 121, 107097.	2.6	16
10	Biochemical Composition of Six Native Seaweeds from Buarcos Bay, Central West Coast of Portugal. , 2021, , 227-236.		0
11	Biomarkers based tools to assess environmental and chemical stressors in aquatic systems. <i>Ecological Indicators</i> , 2021, 122, 107207.	2.6	26
12	Fatty acids as suitable biomarkers to assess pesticide impacts in freshwater biological scales – A review. <i>Ecological Indicators</i> , 2021, 122, 107299.	2.6	26
13	Environmental Impact on Seaweed Phenolic Production and Activity: An Important Step for Compound Exploitation. <i>Marine Drugs</i> , 2021, 19, 245.	2.2	39
14	Assessment of seasonal and spatial variations in the nutritional content of six edible marine bivalve species by the response of a set of integrated biomarkers. <i>Ecological Indicators</i> , 2021, 124, 107378.	2.6	2
15	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
16	An Overview to the Health Benefits of Seaweeds Consumption. <i>Marine Drugs</i> , 2021, 19, 341.	2.2	65
17	Biochemical Effects of Two Pesticides in Three Different Temperature Scenarios on the Diatom <i>Thalassiosira weissflogii</i> . <i>Processes</i> , 2021, 9, 1247.	1.3	9
18	Behavioural Responses of <i>Cerastoderma edule</i> as Indicators of Potential Survival Strategies in the Face of Flooding Events. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6436.	1.3	0

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19	Effects of Heat Treatment Processes: Health Benefits and Risks to the Consumer. Applied Sciences (Switzerland), 2021, 11, 8740.	1.3	11
20	Unlocking Kautsky's dark box: Development of an optical toxicity classification tool (OPTOX index) with marine diatoms exposed to emerging contaminants. Ecological Indicators, 2021, 131, 108238.	2.6	6
21	Trace element bioaccumulation in hypersaline ecosystems and implications of a global invasion. Science of the Total Environment, 2021, 800, 149349.	3.9	2
22	Seaweeds as a Fermentation Substrate: A Challenge for the Food Processing Industry. Processes, 2021, 9, 1953.	1.3	13
23	Assessing biological diversity and thermodynamic indicators in the dam decommissioning process. Ecological Indicators, 2020, 109, 105832.	2.6	7
24	Halophyte bio-optical phenotyping: A multivariate photochemical pressure index (Multi-PPI) to classify salt marsh anthropogenic pressures levels. Ecological Indicators, 2020, 119, 106816.	2.6	20
25	Comfortably numb: Ecotoxicity of the non-steroidal anti-inflammatory drug ibuprofen on <i>Phaeodactylum tricornutum</i> . Marine Environmental Research, 2020, 161, 105109.	1.1	17
26	Seaweed's Bioactive Candidate Compounds to Food Industry and Global Food Security. Life, 2020, 10, 140.	1.1	97
27	Effect of acute exposure of Hg and Zn on survival of native and invasive <i>Artemia</i> from wild populations exposed to different degrees of environmental contamination. Ecological Indicators, 2020, 118, 106739.	2.6	2
28	Thermodynamics in Ecology—An Introductory Review. Entropy, 2020, 22, 820.	1.1	38
29	Fluoxetine Arrests Growth of the Model Diatom <i>Phaeodactylum tricornutum</i> by Increasing Oxidative Stress and Altering Energetic and Lipid Metabolism. Frontiers in Microbiology, 2020, 11, 1803.	1.5	37
30	The Evolution Road of Seaweed Aquaculture: Cultivation Technologies and the Industry 4.0. International Journal of Environmental Research and Public Health, 2020, 17, 6528.	1.2	124
31	Toxicity Going Nano: Ionic Versus Engineered Cu Nanoparticles Impacts on the Physiological Fitness of the Model Diatom <i>Phaeodactylum tricornutum</i> . Frontiers in Marine Science, 2020, 7, .	1.2	10
32	Effects of Propranolol on Growth, Lipids and Energy Metabolism and Oxidative Stress Response of <i>Phaeodactylum tricornutum</i> . Biology, 2020, 9, 478.	1.3	18
33	Glyphosate-Based Herbicide Toxicophenomics in Marine Diatoms: Impacts on Primary Production and Physiological Fitness. Applied Sciences (Switzerland), 2020, 10, 7391.	1.3	16
34	Ecosystem services as a resilience descriptor in habitat risk assessment using the InVEST model. Ecological Indicators, 2020, 115, 106426.	2.6	59
35	Impacts of plastic products used in daily life on the environment and human health: What is known?. Environmental Toxicology and Pharmacology, 2019, 72, 103239.	2.0	141
36	Two tropical biodiversity hotspots, two different pathways for energy. Ecological Indicators, 2019, 106, 105495.	2.6	5

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37	Copper sulphate impact on the antioxidant defence system of the marine bivalves <i>Cerastoderma edule</i> and <i>Scrobicularia plana</i> . <i>Scientific Reports</i> , 2019, 9, 16458.	1.6	25
38	Dwarf eelgrass ( <i>Zostera noltii</i> ) leaf fatty acid profile during a natural restoration process: Physiological and ecological implications. <i>Ecological Indicators</i> , 2019, 106, 105452.	2.6	8
39	Biochemical impacts in adult and juvenile farmed European seabass and gilthead seabream from semi-intensive aquaculture of southern European estuarine systems. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13422-13440.	2.7	2
40	Life history and physiological responses of native and invasive brine shrimps exposed to zinc. <i>Aquatic Toxicology</i> , 2019, 210, 148-157.	1.9	1
41	Impacts of S-metolachlor and terbuthylazine in fatty acid and carbohydrate composition of the benthic clam <i>Scrobicularia plana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 293-304.	2.9	12
42	Biomarkers™ responses of the benthic clam <i>Scrobicularia plana</i> to the main active ingredients (S-metolachlor and Terbuthylazine) of a common herbicide. <i>Ecological Indicators</i> , 2019, 96, 611-619.	2.6	10
43	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
44	Coastal systems in transition: The game of possibilities for sustainability under global climate change. <i>Ecological Indicators</i> , 2019, 100, 11-19.	2.6	3
45	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
46	Occurrence of microplastics in commercial fish from a natural estuarine environment. <i>Marine Pollution Bulletin</i> , 2018, 128, 575-584.	2.3	387
47	Leaf fatty acid remodeling in the salt-excreting halophytic grass <i>Spartina patens</i> along a salinity gradient. <i>Plant Physiology and Biochemistry</i> , 2018, 124, 112-116.	2.8	22
48	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
49	Thermodynamic based indicators illustrate how a run-of-river impoundment in neotropical savanna attracts invasive species and alters the benthic macroinvertebrate assemblages™ complexity. <i>Ecological Indicators</i> , 2018, 88, 181-189.	2.6	21
50	Effects of a herbicide and copper mixture on the quality of marine plankton. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 9-17.	2.9	8
51	Soil ecotoxicological screening (tier 1) for a diffuse-contaminated drainage area surrounding a lacustrine ecosystem in the Centre of Portugal. <i>Journal of Soils and Sediments</i> , 2018, 18, 189-204.	1.5	4
52	Compliance of secondary production and eco-exergy as indicators of benthic macroinvertebrates assemblages' response to canopy cover conditions in Neotropical headwater streams. <i>Science of the Total Environment</i> , 2018, 613-614, 1543-1550.	3.9	21
53	Food web organization following the invasion of habitat-modifying <i>Tubastraea</i> spp. corals appears to favour the invasive borer bivalve <i>Leiosolenus aristatus</i> . <i>Ecological Indicators</i> , 2018, 85, 1204-1209.	2.6	18
54	Fatty acids profiles modifications in the bivalves <i>Cerastoderma edule</i> and <i>Scrobicularia plana</i> in response to copper sulphate. <i>Ecological Indicators</i> , 2018, 85, 318-328.	2.6	21

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55	Cordgrass Invasions in Mediterranean Marshes: Past, Present and Future. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2018, , 171-193.	0.2	4
56	Ecotoxicological and biochemical mixture effects of an herbicide and a metal at the marine primary producer diatom <i>Thalassiosira weissflogii</i> and the primary consumer copepod <i>Acartia tonsa</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 22180-22195.	2.7	17
57	Complex food webs of tropical intertidal rocky shores (SE Brazil) – An isotopic perspective. <i>Ecological Indicators</i> , 2018, 95, 485-491.	2.6	14
58	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
59	Phytoplankton community-level bio-optical assessment in a naturally mercury contaminated Antarctic ecosystem (Deception Island). <i>Marine Environmental Research</i> , 2018, 140, 412-421.	1.1	19
60	Assessing the effects of temperature and salinity oscillations on a key mesopredator fish from European coastal systems. <i>Science of the Total Environment</i> , 2018, 640-641, 1332-1345.	3.9	11
61	Functional and ecophysiological traits of <i>Halimione portulacoides</i> and <i>Sarcocornia perennis</i> ecotypes in Mediterranean salt marshes under different tidal exposures. <i>Ecological Research</i> , 2018, 33, 1145-1156.	0.7	7
62	Atmospheric CO <sub>2</sub> enrichment effect on the Cu-tolerance of the C <sub>4</sub> cordgrass <i>Spartina densiflora</i> . <i>Journal of Plant Physiology</i> , 2018, 220, 155-166.	1.6	9
63	Invasive bivalves increase benthic communities complexity in neotropical reservoirs. <i>Ecological Indicators</i> , 2017, 75, 279-285.	2.6	33
64	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
65	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
66	<i>Zostera noltii</i> development probing using chlorophyll a transient analysis (IIP-test) under field conditions: Integrating physiological insights into a photochemical stress index. <i>Ecological Indicators</i> , 2017, 76, 219-229.	2.6	42
67	Addressing a gap in the Water Framework Directive implementation: Rocky shores assessment based on benthic macroinvertebrates. <i>Ecological Indicators</i> , 2017, 78, 489-501.	2.6	3
68	Ecosystem response to different management options in Marine Protected Areas (MPA): A case study of intertidal rocky shore communities. <i>Ecological Indicators</i> , 2017, 81, 471-480.	2.6	2
69	Do structural and functional attributes show concordant responses to disturbance? Evidence from rocky shore macroinvertebrate communities. <i>Ecological Indicators</i> , 2017, 75, 57-72.	2.6	15
70	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
71	Revisiting the outwelling hypothesis: Modelling salt marsh detrital metal exports under extreme climatic events. <i>Marine Chemistry</i> , 2017, 191, 24-33.	0.9	19
72	Use of stable isotope ratios of fish larvae as indicators to assess diets and patterns of anthropogenic nitrogen pollution in estuarine ecosystems. <i>Ecological Indicators</i> , 2017, 83, 112-121.	2.6	23

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73	Marine angiosperm indices used to assess ecological status within the Water Framework Directive and South African National Water Act: Learning from differences and common issues. <i>Ecological Indicators</i> , 2017, 83, 192-200.	2.6	12
74	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
75	Comparison of thermodynamic-oriented indicators and trait-based indices ability to track environmental changes: Response of benthic macroinvertebrates to management in a temperate estuary. <i>Ecological Indicators</i> , 2017, 73, 809-824.	2.6	18
76	Origin here, impact there – The need of integrated management for river basins and coastal areas. <i>Ecological Indicators</i> , 2017, 72, 794-802.	2.6	9
77	Assesment and management of environmental quality conditions in marine sandy beaches for its sustainable use – Virtues of the population based approach. <i>Ecological Indicators</i> , 2017, 74, 140-146.	2.6	10
78	DNA Sequencing as a Tool to Monitor Marine Ecological Status. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	92
79	Carbon Mitigation. , 2016, , 83-110.		10
80	Potential ecological distribution of alien mollusk <i>Corbicula largillierii</i> and its relationship with human disturbance in a semi-arid reservoir. <i>Biota Neotropica</i> , 2016, 16, .	1.0	7
81	Fish communities – response to implementation of restoring measures in a highly artificialized estuary. <i>Ecological Indicators</i> , 2016, 67, 743-752.	2.6	11
82	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
83	Fatty acid profiling as bioindicator of chemical stress in marine organisms: A review. <i>Ecological Indicators</i> , 2016, 67, 657-672.	2.6	118
84	Is polychaete family-level sufficient to assess impact on tropical estuarine gradients?. <i>Acta Oecologica</i> , 2016, 77, 50-58.	0.5	9
85	A geospatial approach to monitoring impervious surfaces in watersheds using Landsat data (the Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	19
86	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
87	Ecophysiological response of native and invasive <i>Spartina</i> species to extreme temperature events in Mediterranean marshes. <i>Biological Invasions</i> , 2016, 18, 2189-2205.	1.2	28
88	Effects of dietary exposure to herbicide and of the nutritive quality of contaminated food on the reproductive output of <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2016, 179, 1-7.	1.9	16
89	Optimising a clearance index based on neutral red as an indicator of physiological stress for bivalves. <i>Ecological Indicators</i> , 2016, 71, 514-521.	2.6	7
90	Ability of invertebrate indices to assess ecological condition on intertidal rocky shores. <i>Ecological Indicators</i> , 2016, 70, 255-268.	2.6	15

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91	Response of macroalgae and macroinvertebrates to anthropogenic disturbance gradients in rocky shores. <i>Ecological Indicators</i> , 2016, 61, 850-864.	2.6	17
92	Valuing the non-market benefits of estuarine ecosystem services in a river basin context: Testing sensitivity to scope and scale. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 169, 95-105.	0.9	17
93	Relating landscape to stream nitrate-N levels in a coastal eastern-Atlantic watershed (Portugal). <i>Ecological Indicators</i> , 2016, 61, 693-706.	2.6	15
94	The performance of trait-based indices in an estuarine environment. <i>Ecological Indicators</i> , 2016, 61, 378-389.	2.6	52
95	Patchy sediment contamination scenario and the habitat selection by an estuarine mudsnail. <i>Ecotoxicology</i> , 2016, 25, 412-418.	1.1	9
96	Evidence for deviations from uniform changes in a Portuguese watershed illustrated by CORINE maps: An Intensity Analysis approach. <i>Ecological Indicators</i> , 2016, 66, 382-390.	2.6	22
97	Assessing estuarine quality: A cost-effective in situ assay with amphipods. <i>Environmental Pollution</i> , 2016, 212, 382-391.	3.7	5
98	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
99	Impact of heat and cold events on the energetic metabolism of the C3 halophyte <i>Halimione portulacoides</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 166-177.	0.9	19
100	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
101	“Bottom-up management approach to coastal marine protected areas in Portugal” <i>Ocean and Coastal Management</i> , 2015, 118, 275-281.	2.0	14
102	Coastal systems under change: Tuning assessment and management tools. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 1-3.	0.9	11
103	Feeding niche preference of the mudsnail <i>Peringia ulvae</i> . <i>Marine and Freshwater Research</i> , 2015, 66, 573.	0.7	17
104	Addressing the recovery of feeding rates in post-exposure feeding bioassays: <i>Cyathura carinata</i> as a case study. <i>Environmental Research</i> , 2015, 137, 222-225.	3.7	7
105	A tale of two spartinas : Climatic, photobiological and isotopic insights on the fitness of non-indigenous versus native species. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 178-190.	0.9	16
106	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
107	Setting reference conditions for mesohaline and oligohaline macroinvertebrate communities sensu WFD: Helping to define achievable scenarios in basin management plans. <i>Ecological Indicators</i> , 2015, 56, 171-183.	2.6	6
108	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

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109	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
110	Ecosystem Services in Estuarine Systems: Implications for Management. , 2015, , 319-341.		3
111	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
112	Stable isotopes reveal habitat-related diet shifts in facultative deposit-feeders. <i>Journal of Sea Research</i> , 2015, 95, 172-179.	0.6	19
113	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
114	Spatial foraging segregation by close neighbours in a wide-ranging seabird. <i>Oecologia</i> , 2015, 177, 431-440.	0.9	29
115	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
116	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
117	Population structure, production and feeding habit of the sand goby <i>Pomatoschistus minutus</i> (Actinopterygii: Gobiidae) in the Minho estuary (NW Iberian Peninsula). <i>Environmental Biology of Fishes</i> , 2015, 98, 287-300.	0.4	8
118	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
119	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
120	Light-dark O <sub>2</sub> dynamics in submerged leaves of C <sub>3</sub> and C <sub>4</sub> halophytes under increased dissolved CO <sub>2</sub> : clues for saltmarsh response to climate change. <i>AoB PLANTS</i> , 2014, 6, .	1.2	9
121	Macrofaunal community abundance and diversity and talitrid orientation as potential indicators of ecological long-term effects of a sand-dune recovery intervention. <i>Ecological Indicators</i> , 2014, 36, 356-366.	2.6	15
122	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
123	Niche segregation amongst sympatric species at exposed sandy shores with contrasting wrack availabilities illustrated by stable isotopic analysis. <i>Ecological Indicators</i> , 2014, 36, 694-702.	2.6	26
124	Photochemical and biophysical feedbacks of C <sub>3</sub> and C <sub>4</sub> Mediterranean halophytes to atmospheric CO <sub>2</sub> enrichment confirmed by their stable isotope signatures. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 10-22.	2.8	32
125	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
126	Long term variation of an amphipod species' population secondary production as indicator of incomplete resilience in a temperate estuary. <i>Ecological Indicators</i> , 2014, 36, 324-333.	2.6	7



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127	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
128	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
129	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
130	Abiotic control modelling of salt marsh sediments respiratory CO <sub>2</sub> fluxes: application to increasing temperature scenarios. <i>Ecological Indicators</i> , 2014, 46, 110-118.	2.6	7
131	Structure, growth and production of a remarkably abundant population of the common goby, <i>Pomatoschistus microps</i> (Actinopterygii: Gobiidae). <i>Environmental Biology of Fishes</i> , 2014, 97, 701-715.	0.4	8
132	Modelling sea level rise (SLR) impacts on salt marsh detrital outwelling C and N exports from an estuarine coastal lagoon to the ocean (Ria de Aveiro, Portugal). <i>Ecological Modelling</i> , 2014, 289, 36-44.	1.2	26
133	Mainstreaming Sustainable Decision-making for Ecosystems: Integrating Ecological and Socio-economic Targets within a Decision Support System. <i>Environmental Processes</i> , 2014, 1, 7-19.	1.7	15
134	A short-term laboratory and in situ sediment assay based on the postexposure feeding of the estuarine isopod <i>Cyathura carinata</i> . <i>Environmental Research</i> , 2014, 134, 242-250.	3.7	11
135	Predicting the variation in <i>Echinogammarus marinus</i> at its southernmost limits under global warming scenarios: Can the sex-ratio make a difference?. <i>Science of the Total Environment</i> , 2014, 466-467, 1022-1029.	3.9	1
136	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
137	Behavioural adaptations of two sympatric sandhoppers living on a mesotidal European Atlantic sandy beach. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 147, 17-24.	0.9	6
138	Anterior/Posterior Competitive Deactivation/Activation Dichotomy in the Human Hippocampus as Revealed by a 3D Navigation Task. <i>PLoS ONE</i> , 2014, 9, e86213.	1.1	28
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