

João Magalhães Neto

List of Publications by Year in descending order

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84
papers

4,228
citations

87723

38
h-index

114278

63
g-index

87
all docs

87
docs citations

87
times ranked

4303
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of microplastics in commercial fish from a natural estuarine environment. <i>Marine Pollution Bulletin</i> , 2018, 128, 575-584.	2.3	387
2	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
3	Review and evaluation of estuarine biotic indices to assess benthic condition. <i>Ecological Indicators</i> , 2009, 9, 1-25.	2.6	243
4	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
5	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
6	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
7	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
8	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
9	The influence of an extreme drought event in the fish community of a southern Europe temperate estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 75, 537-546.	0.9	110
10	Diversity of European seagrass indicators: patterns within and across regions. <i>Hydrobiologia</i> , 2013, 704, 265-278.	1.0	110
11	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
12	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
13	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
14	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
15	Feeding ecology, population structure and distribution of <i>Pomatoschistus microps</i> (KrÅyler, 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
16	Current developments on fish-based indices to assess ecological-quality status of estuaries and lagoons. <i>Ecological Indicators</i> , 2012, 23, 34-45.	2.6	82
17	The use of nursery areas by juvenile fish in a temperate estuary, Portugal. <i>Hydrobiologia</i> , 2007, 587, 281-290.	1.0	79
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	Estuarine colonization, population structure and nursery functioning for 0-group sea bass (<i>Dicentrarchus labrax</i>), flounder (<i>Platichthys flesus</i>) and sole (<i>Solea solea</i>) in a mesotidal temperate estuary. <i>Journal of Applied Ichthyology</i> , 2008, 24, 229-237.	0.3	58
26	Potential Nitrification and Denitrification on Different Surfaces in a Constructed Treatment Wetland. <i>Journal of Environmental Quality</i> , 2003, 32, 2414-2420.	1.0	56
27	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
28	Do nematode and macrofauna assemblages provide similar ecological assessment information?. <i>Ecological Indicators</i> , 2012, 14, 124-137.	2.6	50
29	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
30	Indicator-Based Assessment of Marine Biological Diversity – Lessons from 10 Case Studies across the European Seas. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	48
31	Phosphorous dynamics in a temperate intertidal estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 61, 101-109.	0.9	45
32	Assessing estuarine quality under the ecosystem services scope: Ecological and socioeconomic aspects. <i>Ecological Complexity</i> , 2010, 7, 389-402.	1.4	44
33	Defining phytoplankton class boundaries in Portuguese transitional waters: An evaluation of the ecological quality status according to the Water Framework Directive. <i>Ecological Indicators</i> , 2012, 19, 5-14.	2.6	43
34	The fish assemblage of the Mondego estuary: composition, structure and trends over the past two decades. <i>Hydrobiologia</i> , 2007, 587, 269-279.	1.0	41
35	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
36	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

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37	Salinity as the major factor affecting <i>Scirpus maritimus</i> annual dynamics. <i>Aquatic Botany</i> , 2003, 77, 111-120.	0.8	39
38	Coastal waters classification based on physical attributes along the NE Atlantic region. An approach for rocky macroalgae potential distribution. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 112, 105-114.	0.9	38
39	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
40	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
41	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
42	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
43	The influence of mesh size in environmental quality assessment of estuarine macrobenthic communities. <i>Ecological Indicators</i> , 2010, 10, 1162-1173.	2.6	29
44	Ability of benthic indicators to assess ecological quality in estuaries following management. <i>Ecological Indicators</i> , 2012, 19, 130-143.	2.6	29
45	Population dynamics of <i>Corbicula fluminea</i> (Müller, 1774) in mesohaline and oligohaline habitats: Invasion success in a Southern Europe estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 112, 31-39.	0.9	29
46	Influence of benthic macroinvertebrates on the erodability of estuarine cohesive sediments: Density- and biomass-specific responses. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 134, 80-87.	0.9	29
47	The usefulness of large body-size macroinvertebrates in the rapid ecological assessment of Mediterranean lagoons. <i>Ecological Indicators</i> , 2013, 29, 48-61.	2.6	29
48	Invasive Seaweeds in the Iberian Peninsula: A Contribution for Food Supply. <i>Marine Drugs</i> , 2020, 18, 560.	2.2	27
49	Seasonal variation in short-term survival of <i>Zostera noltii</i> transplants in a declining meadow in Portugal. <i>Aquatic Botany</i> , 2005, 82, 132-142.	0.8	25
50	The autonomous Simpatico system for real-time continuous water-quality and current velocity monitoring: examples of application in three Portuguese estuaries. <i>Geo-Marine Letters</i> , 2009, 29, 331-341.	0.5	25
51	Exploring the robustness of macrophyte-based classification methods to assess the ecological status of coastal and transitional ecosystems under the Water Framework Directive. <i>Hydrobiologia</i> , 2013, 704, 279-291.	1.0	25
52	Assessment of estuarine macrobenthic assemblages and ecological quality status at a dredging site in a southern Europe estuary. <i>Ocean and Coastal Management</i> , 2013, 72, 80-92.	2.0	25
53	Population dynamics, distribution and secondary production of the brown shrimp <i>Crangon crangon</i> (L.) in a southern European estuary. Latitudinal variations. <i>Scientia Marina</i> , 2007, 71, 451-460.	0.3	25
54	Feeding diversity index as complementary information in the assessment of ecological quality status. <i>Ecological Indicators</i> , 2012, 19, 73-78.	2.6	23

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55	Ecological reference conditions and quality states of marine macroalgae sensu Water Framework Directive: An example from the intertidal rocky shores of the Portuguese coastal waters. <i>Ecological Indicators</i> , 2012, 19, 24-38.	2.6	23
56	The effects of the invasive seaweed <i>Asparagopsis armata</i> on native rock pool communities: Evidences from experimental exclusion. <i>Ecological Indicators</i> , 2021, 125, 107463.	2.6	20
57	Opportunistic macroalgae metrics for transitional waters. Testing tools to assess ecological quality status in Portugal. <i>Marine Pollution Bulletin</i> , 2007, 54, 1887-1896.	2.3	18
58	Seagrass Quality Index (SQI), a Water Framework Directive compliant tool for the assessment of transitional and coastal intertidal areas. <i>Ecological Indicators</i> , 2013, 30, 130-137.	2.6	17
59	Biological validation of physical coastal waters classification along the NE Atlantic region based on rocky macroalgae distribution. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 147, 103-112.	0.9	17
60	Response of macroalgae and macroinvertebrates to anthropogenic disturbance gradients in rocky shores. <i>Ecological Indicators</i> , 2016, 61, 850-864.	2.6	17
61	Intertidal zonation and latitudinal gradients on macroalgal assemblages: Species, functional groups and thallus morphology approaches. <i>Ecological Indicators</i> , 2017, 81, 90-103.	2.6	16
62	BIOLOGY, POPULATION DYNAMICS, AND SECONDARY PRODUCTION OF TALITRUS SALTATOR (AMPHIPODA,) Tj ETQo0 0 0 rgBT /Overlo	0.1	15
63	Ability of invertebrate indices to assess ecological condition on intertidal rocky shores. <i>Ecological Indicators</i> , 2016, 70, 255-268.	2.6	15
64	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
65	Monitoring estuarine water quality using satellite imagery. The Mondego river estuary (Portugal) as a case study. <i>Ocean and Coastal Management</i> , 2013, 72, 13-21.	2.0	13
66	Microplastics in Juvenile Commercial Fish from an Estuarine Environment. <i>Springer Water</i> , 2018, , 131-135.	0.2	13
67	The importance of habitat-type for defining the reference conditions and the ecological quality status based on benthic invertebrates: The Ria Formosa coastal lagoon (Southern Portugal) case study. <i>Ecological Indicators</i> , 2012, 19, 61-72.	2.6	12
68	Response of intertidal macrobenthic communities and primary producers to mitigation measures in a temperate estuary. <i>Ecological Indicators</i> , 2013, 25, 10-22.	2.6	12
69	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
70	Fish communities' response to implementation of restoring measures in a highly artificialized estuary. <i>Ecological Indicators</i> , 2016, 67, 743-752.	2.6	11
71	Spatial and temporal dynamics of <i>Corbicula fluminea</i> (Muller, 1774) in relation to environmental variables in the Mondego Estuary (Portugal). <i>Journal of Molluscan Studies</i> , 2013, 79, 302-309.	0.4	9
72	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

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73	Transitional and freshwater bioassessments: One site, two perspectives?. Marine Pollution Bulletin, 2014, 78, 153-164.	2.3	8
74	Effectiveness of two western Iberian Peninsula marine protected areas in reducing the risk of macroalgae invasion. Ecological Indicators, 2020, 108, 105705.	2.6	8
75	Effects of restoration management on the estuarine isopod <i>Cyathura carinata</i> : mediation by trematodes and habitat change. Marine Biology, 2007, 151, 109-118.	0.7	7
76	Robustness of the Estuarine Fish Assessment Index (EFAI) regarding water body definition criteria. Ecological Indicators, 2012, 20, 1-8.	2.6	6
77	Setting reference conditions for mesohaline and oligohaline macroinvertebrate communities sensu WFD: Helping to define achievable scenarios in basin management plans. Ecological Indicators, 2015, 56, 171-183.	2.6	6
78	Brain as a target organ of climate events: Environmental induced biochemical changes in three marine fish species. Ecological Indicators, 2018, 95, 815-824.	2.6	5
79	Addressing a gap in the Water Framework Directive implementation: Rocky shores assessment based on benthic macroinvertebrates. Ecological Indicators, 2017, 78, 489-501.	2.6	3
80	From headwaters into the estuarine zone: changes in processes and invertebrate communities in response to abiotic conditions. Aquatic Ecology, 2021, 55, 149-168.	0.7	3
81	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. Ecological Indicators, 2021, 124, 107378.	2.6	2
82	Estuários. , 2019, , 381-421.		2
83	The role of <i>Spartina maritima</i> and <i>Scirpus maritimus</i> to dediment pore-water profiles, and possible implications to the Mondego estuary nutrient dynamics. , 2002, , 325-338.		1
84	Replying to Domingues et al., Ecological Indicators, 24, 245-255, http://dx.doi.org/10.1016/j.ecolind.2012.06.020 . Ecological Indicators, 2013, 27, 123-124.	2.6	0