Maria Alexandra TeodÃ³sio

List of Publications by Year
in descending order

105 papers	2,901 citations	136740 32 h-index	205818 48 g-index
108 all docs	108 docs citations	108 times ranked	2840 citing authors

#	Article	IF	Citations
1	RNA:DNA Ratio and Other Nucleic Acid Derived Indices in Marine Ecology. International Journal of Molecular Sciences, 2008, 9, 1453-1471.	1.8	152
2	Physicalâ€“biological interactions in the life history of small pelagic fish in the Western Iberia Upwelling Ecosystem. Progress in Oceanography, 2007, 74, 192-209.	1.5	115
3	Diet and feeding intensity of sardine Sardina pilchardus: correlation with satellite-derived chlorophyll data. Marine Ecology - Progress Series, 2008, 354, 245-256.	0.9	107
4	Calcification, growth and mortality of juvenile clams Ruditapes decussatus under increased pCO2 and reduced pH: Variable responses to ocean acidification at local scales?. Journal of Experimental Marine Biology and Ecology, 2011, 396, 177-184.	0.7	92
5	Use of a hydrotechnical infrastructure (Alqueva Dam) to regulate planktonic assemblages in the Guadiana estuary: Basis for sustainable water and ecosystem services management. Estuarine, Coastal and Shelf Science, 2006, 70, 3-18.	0.9	84
6	Changes in a temperate estuary during the filling of the biggest European dam. Science of the Total Environment, 2009, 407, 2245-2259.	3.9	84
7	Ichthyoplankton dynamics in the Guadiana estuary and adjacent coastal area, South-East Portugal. Estuarine, Coastal and Shelf Science, 2006, 70, 85-97.	0.9	75
8	Inter-annual differences of ichthyofauna structure of the Guadiana estuary and adjacent coastal area (SE Portugal/SW Spain): Before and after Alqueva dam construction. Estuarine, Coastal and Shelf Science, 2006, 70, 39-51.	0.9	73
9	Born small, die young: Intrinsic, size-selective mortality in marine larval fish. Scientific Reports, 2015, 5, 17065.	1.6	73
10	Citizen Science and Biological Invasions: A Review. Frontiers in Environmental Science, 2021, 8, .	1.5	70
11	An ecohydrology model of the Guadiana Estuary (South Portugal). Estuarine, Coastal and Shelf Science, 2006, 70, 132-143.	0.9	67
12	Estimation of starvation and diel variation of the RNA/DNA ratios in field-caught Sardina pilchardus larvae off the north of Spain. Marine Ecology - Progress Series, 1998, 164, 273-283.	0.9	67
13	Seawater acidification by CO2 in a coastal lagoon environment: Effects on life history traits of juvenile mussels Mytilus galloprovincialis. Journal of Experimental Marine Biology and Ecology, 2012, 424-425, 89-98.	0.7	60
14	Impacts of CO2-induced seawater acidification on coastal Mediterranean bivalves and interactions with other climatic stressors. Regional Environmental Change, 2014, 14, 19-30.	1.4	60
15	Biophysical processes leading to the ingress of temperate fish larvae into estuarine nursery areas: A review. Estuarine, Coastal and Shelf Science, 2016, 183, 187-202.	0.9	60
16	Alien species in the Guadiana Estuary (SE-Portugal/SW-Spain): Blackfordia virginica (Cnidaria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 measures. Aquatic Invasions, 2009, 4, 501-506.	0.6	58
17	Effect of maternal fat reserves on the fatty acid composition of sardine (Sardina pilchardus) oocytes. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 148, 398-409.	0.7	53
18	Effects of environmental conditions on planktonic abundances, benthic recruitment and growth rates of the bivalve mollusc Ruditapes decussatus in a Portuguese coastal lagoon. Fisheries Research, 2001, 53, 235-250.	0.9	48

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19	Horizontal spatial and temporal distribution patterns of nearshore larval fish assemblages at a temperate rocky shore. Estuarine, Coastal and Shelf Science, 2007, 71, 412-428.	0.9	46
20	A comparison of direct macrofaunal mortality using three types of clam dredges. ICES Journal of Marine Science, 2003, 60, 733-742.	1.2	45
21	Status of the Guadiana Estuary (south Portugal) during 1996-1998: An ecohydrological approach. Aquatic Ecosystem Health and Management, 2001, 4, 73-89.	0.3	42
22	Ecological characterization of dredged and non-dredged bivalve fishing areas off south Portugal. Journal of the Marine Biological Association of the United Kingdom, 2002, 82, 41-50.	0.4	40
23	Spatio-temporal variability in fatty acid trophic biomarkers in stomach contents and muscle of Iberian sardine (Sardina pilchardus) and its relationship with spawning. Marine Biology, 2008, 154, 1053-1065.	0.7	40
24	The distribution of estuarine fish larvae: Nutritional condition andco-occurrence with predators and prey. Acta Oecologica, 2000, 21, 161-173.	0.5	39
25	Ontogeny of swimming behaviour in sardine Sardina pilchardus larvae and effect of larval nutritional condition on critical speed. Marine Ecology - Progress Series, 2014, 504, 287-300.	0.9	39
26	Nutritional condition and starvation in Sardina pilchardus (L.) larvae off southern Portugal compared with some environmental factors. Journal of Experimental Marine Biology and Ecology, 1998, 225, 123-137.	0.7	37
27	Tissue effect on RNA:DNA ratios of marine fish larvae. Scientia Marina, 2009, 73, 171-182.	0.3	37
28	Diel variation of the RNA/DNA ratios in Crassostrea angulata (Lamarck) and Ruditapes decussatus (Linnaeus 1758) (Mollusca: Bivalvia). Journal of Experimental Marine Biology and Ecology, 2001, 259, 121-129.	0.7	36
29	On the edge of death: Rates of decline and lower thresholds of biochemical condition in food-deprived fish larvae and juveniles. Journal of Marine Systems, 2012, 93, 11-24.	0.9	36
30	Effects of starvation on swimming performance andÂbody condition of pre-settlement Sparus aurata larvae. Aquatic Biology, 2011, 12, 281-289.	0.5	36
31	Influence of mesh size and tooth spacing on the proportion of damaged organisms in the catches of the Portuguese clam dredge fishery. ICES Journal of Marine Science, 2002, 59, 1228-1236.	1.2	35
32	Are sardine larvae caught off northern portugal in winter starving? An approach examining nutritional conditions. Marine Ecology - Progress Series, 2003, 257, 303-309.	0.9	35
33	Are tidal lagoons ecologically relevant to larval recruitment of small pelagic fish? An approach using nutritional condition and growth rate. Estuarine, Coastal and Shelf Science, 2012, 112, 265-279.	0.9	31
34	Does the nutritional condition limit survival potential of sardine Sardina pilchardus (Walbaum, 1792) larvae off the north coast of Spain? RNA/DNA ratios and their variability. Fisheries Research, 1998, 39, 43-54.	0.9	28
35	The influence of submarine groundwater discharges on subtidal meiofauna assemblages in south Portugal (Algarve). Estuarine, Coastal and Shelf Science, 2013, 130, 202-208.	0.9	25
36	Sea surface temperature variability along the Portuguese coast since 1950. International Journal of Climatology, 2018, 38, 1145-1160.	1.5	25

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37	The influence of dredge design on the catch of Callista chione (Linnaeus, 1758). Hydrobiologia, 2001, 465, 153-167.	1.0	24
38	The Response of Neotropical Dragonflies (Insecta: Odonata) to Local and Regional Abiotic Factors in Small Streams of the Amazon. Insects, 2019, 10, 446.	1.0	24
39	Comparison of RNA/DNA ratios obtained with two methods for nucleic acid quantification in gobiid larvae. Journal of Experimental Marine Biology and Ecology, 2000, 245, 43-55.	0.7	23
40	Reburial time and indirect mortality of Spisula solida clams caused by dredging. Fisheries Research, 2002, 59, 247-257.	0.9	23
41	Recovery of substrates and macro-benthos after fishing trials with a new Portuguese clam dredge. Journal of the Marine Biological Association of the United Kingdom, 2003, 83, 713-717.	0.4	23
42	New Evidence of Marine Fauna Tropicalization off the Southwestern Iberian Peninsula (Southwest) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	23
43	Influence of starvation on the critical swimming behaviour of the Senegalese sole (<i>Solea) Tj ETQq1 1 0.784314 rgBT /Overloc 2011, 75, 87-94.	0.3	23
44	Estimation of the life history parameters of Mytilus galloprovincialis (Lamarck) larvae in a coastal lagoon (Ria Formosa â€" south Portugal). Journal of Experimental Marine Biology and Ecology, 2000, 243, 81-94.	0.7	22
45	Phytoplankton dynamics in a coastal saline lake (SE-Portugal). Acta Oecologica, 2003, 24, S87-S96.	0.5	21
46	Are submarine groundwater discharges affecting the structure and physiological status of rocky intertidal communities?. Marine Environmental Research, 2018, 136, 158-173.	1.1	21
47	A juvenile recruitment prediction model for Ruditapes decussatus (L.) (Bivalvia: Mollusca). Fisheries Research, 2001, 53, 219-233.	0.9	20
48	Local and temporal variations in nearâ€shore macrobenthic communities associated with submarine groundwater discharges. Marine Ecology, 2015, 36, 926-941.	0.4	19
49	Swimming Abilities of Temperate Pelagic Fish Larvae Prove that they May Control their Dispersion in Coastal Areas. Diversity, 2019, 11, 185.	0.7	19
50	Assessing microplastic uptake and impact on omnivorous juvenile white seabream Diplodus sargus (Linnaeus, 1758) under laboratory conditions. Marine Pollution Bulletin, 2020, 157, 111162.	2.3	19
51	Size selectivity of the Spisula solida dredge in relation to tooth spacing and mesh size. Fisheries Research, 2003, 60, 561-568.	0.9	18
52	Application and demonstration of the Ecohydrology approach for the sustainable functioning of the Guadiana estuary (South Portugal). Ecohydrology and Hydrobiology, 2009, 9, 55-71.	1.0	18
53	A 60-Year Time Series Analyses of the Upwelling along the Portuguese Coast. Water (Switzerland), 2019, 11, 1285.	1.2	18
54	Northerly wind trends along the Portuguese marine coast since 1950. Theoretical and Applied Climatology, 2019, 137, 1-19.	1.3	18

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55	An experimental study of Aurelia aurita feeding behaviour: Inference of the potential predation impact on a temperate estuarine nursery area. Estuarine, Coastal and Shelf Science, 2014, 146, 102-110.	0.9	17
56	Assessing the impact of environmental forcing on the condition of anchovy larvae in the Cadiz Gulf using nucleic acid and fatty acid-derived indices. Estuarine, Coastal and Shelf Science, 2017, 185, 94-106.	0.9	17
57	The transatlantic introduction of weakfish Cynoscion regalis (Bloch & Schneider, 1801) (Sciaenidae, Pisces) into Europe. BioInvasions Records, 2016, 5, 259-265.	0.4	17
58	Short-term fluctuations in bivalve larvae compared with some environmental factors in a coastal lagoon (South Portugal). Scientia Marina, 2000, 64, 413-420.	0.3	17
59	Low-Cost Citizen Science Effectively Monitors the Rapid Expansion of a Marine Invasive Species. Frontiers in Environmental Science, 2021, 9, .	1.5	17
60	What are jellyfish really eating to support high ecophysiological condition?. Journal of Plankton Research, 2015, 37, 1036-1041.	0.8	16
61	Patterns of coâ€occurrence and body size in dragonflies and damselflies (Insecta: Odonata) in preserved and altered Amazonian streams. Austral Entomology, 2021, 60, 436-450.	0.8	16
62	Submarine groundwater discharges create unique benthic communities in a coastal sandy marine environment. Estuarine, Coastal and Shelf Science, 2015, 163, 93-98.	0.9	15
63	Biochemical Indices and Life Traits of Loggerhead Turtles (Caretta caretta) from Cape Verde Islands. PLoS ONE, 2014, 9, e112181.	1.1	15
64	Effect of sex on ratios and concentrations of DNA and RNA in three marine species. Marine Ecology - Progress Series, 2007, 332, 241-245.	0.9	15
65	Diversity of anchovy migration patterns in an European temperate estuary and in its adjacent coastal area: Implications for fishery management. Journal of Sea Research, 2010, 64, 295-303.	0.6	14
66	Ecological aspects and potential impacts of the non-native hydromedusa Blackfordia virginica in a temperate estuary. Estuarine, Coastal and Shelf Science, 2017, 197, 69-79.	0.9	14
67	An Update on the Invasion of Weakfish Cynoscion regalis (Bloch & Schneider, 1801) (Actinopterygii: Sciaenidae) into Europe. Diversity, 2017, 9, 47.	0.7	14
68	Winter river discharge may affect summer estuarine jellyfish blooms. Marine Ecology - Progress Series, 2018, 591, 253-265.	0.9	14
69	Merging anchovy eggs abundance into a hydrodynamic model as an assessment tool for estuarine ecohydrological management. River Research and Applications, 2012, 28, 160-176.	0.7	13
70	Linking hydrodynamics and fish larvae retention in estuarine nursery areas from an ecohydrological perspective. Ecohydrology and Hydrobiology, 2015, 15, 182-191.	1.0	13
71	Response of Gilthead Seabream (Sparus aurata L., 1758) Larvae to Nursery Odor Cues as Described by a New Set of Behavioral Indexes. Frontiers in Marine Science, 2017, 4, .	1.2	13
72	The Asian clam Corbicula fluminea (MÃ¼ller, 1774) in the Guadiana River Basin (southwestern Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	13

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73	Standard metabolism and growth dynamics of laboratoryâ€reared larvae of Sardina pilchardus. Journal of Fish Biology, 2014, 84, 1247-1255.	0.7	12
74	The role of environmental and fisheries multi-controls in white seabream (Diplodus sargus) artisanal fisheries in Portuguese coast. Regional Environmental Change, 2016, 16, 163-176.	1.4	12
75	Recent and Consecutive Records of the Atlantic Blue Crab (Callinectes sapidus Rathbun, 1896): Rapid Westward Expansion and Confirmed Establishment along the Southern Coast of Portugal. Thalassas, 2019, 35, 485-494.	0.1	12
76	Macrofauna spatial differences within clam dredge-tracks and their implications for short-term fishing effect studies. Fisheries Research, 2002, 54, 349-354.	0.9	11
77	Allochthonous-derived organic matter subsidizes the food sources of estuarine jellyfish. Journal of Plankton Research, 2017, 39, 870-877.	0.8	10
78	Adenylic-derived indices and reburying time as indicators of the effects of dredging-induced stress on the clam Spisula solida. Marine Biology, 2003, 142, 1113-1117.	0.7	9
79	Modelling the ingress of a temperate fish larva into a nursery coastal lagoon. Estuarine, Coastal and Shelf Science, 2020, 235, 106601.	0.9	9
80	Chronic effects of dredging-induced stress on the clam (Spisula solida): nucleic acid and lipid composition. Fisheries Research, 2003, 63, 447-452.	0.9	8
81	The effect of distinct hydrologic conditions on the zooplankton community in an estuary under mediterranean climate influence. Ecohydrology and Hydrobiology, 2012, 12, 327-335.	1.0	8
82	Does consistent individual variability in pelagic fish larval behaviour affect recruitment in nursery habitats?. Behavioral Ecology and Sociobiology, 2020, 74, 1.	0.6	8
83	Ecophysiological traits of highly mobile large marine predators inferred from nucleic acid derived indices. Scientific Reports, 2020, 10, 4752.	1.6	8
84	Environmental factors affecting larval fish community in the salt marsh area of Guadiana estuary (Algarve, Portugal). Scientia Marina, 2015, 79, 25-34.	0.3	8
85	Whatâ€™s for dinner? Assessing the value of an edible invasive species and outreach actions to promote its consumption. Biological Invasions, 2022, 24, 815-829.	1.2	8
86	Full stomachs at empty tides: tidal cycle affects feeding activity and diet of the sandy beach gastropod Olivella minuta. Journal of Molluscan Studies, 2020, 86, 219-227.	0.4	7
87	Development of a Metric of Aquatic Invertebrates for Volunteers (MAIV): A Simple and Friendly Biotic Metric to Assess Ecological Quality of Streams. Water (Switzerland), 2020, 12, 654.	1.2	7
88	Plankton community and copepod production in a temperate coastal lagoon: What is changing in a short temporal scale?. Journal of Sea Research, 2020, 157, 101858.	0.6	6
89	Invasive fish keeps native feeding strategy despite high niche overlap with a congener species. Regional Studies in Marine Science, 2021, 47, 101969.	0.4	6
90	Relative sensitivity of soft-bottom intertidal macrofauna to increased CO2 and experimental stress. Marine Ecology - Progress Series, 2014, 509, 153-170.	0.9	5

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91	First Record of the Nudibranch Tenellia adspersa (Nordmann, 1845) in Portugal, Associated with the Invasive Hydrozoan Cordylophora caspia (Pallas, 1771). Diversity, 2020, 12, 214.	0.7	4
92	RNA:DNA ratios as a proxy of egg production rates of Acartia. Estuarine, Coastal and Shelf Science, 2017, 187, 96-109.	0.9	3
93	Impact assessment of non-indigenous jellyfish species on the estuarine community dynamic: A model of medusa phase. Estuarine, Coastal and Shelf Science, 2017, 187, 249-259.	0.9	3
94	Prey selectivity and feeding rates of the scyphozoan Catostylus tagi (Haeckel, 1869). Journal of Plankton Research, 2021, 43, 986-990.	0.8	3
95	Night underwater rides: the activity of a sandy beach gastropod is affected by interactive effects of light availability and water level. Marine Biology Research, 2021, 17, 523-528.	0.3	3
96	Coastal Countercurrents Increase Propagule Pressure of an Aquatic Invasive Species to an Area Where Previous Introductions Failed. Estuaries and Coasts, 2022, 45, 2504-2518.	1.0	3
97	The combined use of radio frequencyâ€electromagnetic surveys and chemical and biological analyses to study the role of groundwater discharge into the Guadiana estuary. Ecohydrology, 2014, 7, 291-300.	1.1	2
98	Preliminary Insight into Winter Native Fish Assemblages in Guadiana Estuary Salt Marshes Coping with Environmental Variability and Non-Indigenous Fish Introduction. Fishes, 2017, 2, 19.	0.7	2
99	Effect of food availability on the growth and age determination of European sardine (Sardina) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Kingdom, 2021, 101, 609-619.	0.4	2
100	On the presence of the Ponto-Caspian hydrozoan Cordylophora caspia (Pallas, 1771) in an Iberian estuary: highlights on the introduction vectors and invasion routes. BioInvasions Records, 2017, 6, 331-337.	0.4	2
101	First Assessment of the Thryssa vitrirostris (Engraulidae) Beach Seine Fishery in Northeastern Mozambique. J, 2018, 1, 116-132.	0.6	1
102	Feeding Ecology of Sicydium bustamantei (Greeff 1884, Gobiidae) Post-Larvae: The â€œLittle Fishâ€•of SÃ£o TomÃ© Island. Oceans, 2020, 1, 300-310.	0.6	1
103	Effect of Temperature on the Daily Increment Deposition in the Otoliths of European Sardine Sardina pilchardus (Walbaum, 1792) Larvae. Oceans, 2021, 2, 723-737.	0.6	1
104	New Records of Fish Species from the Coast of Luanda, Angola. Thalassas, 2021, 37, 803-811.	0.1	0
105	The ocean in a box: water density gradients and discontinuities in water masses are important cues guiding fish larvae towards estuarine nursery grounds. Behavioral Ecology and Sociobiology, 2021, 75, 1.	0.6	0