Jose A Fernandes

List of Publications by Year
in descending order

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56	2,575	186209	206029
papers	citations	28 h-index	48 g-index

60	60	60	3868
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Climate regime shifts and biodiversity redistribution in the Bay of Biscay. Science of the Total Environment, 2022, 803, 149622.	3.9	20
2	Fuel consumption of free-swimming school versus FAD strategies in tropical tuna purse seine fishing. Fisheries Research, 2022, 245, 106139.	0.9	13
3	Identification and measurement of tropical tuna species in purse seiner catches using computer vision and deep learning. Ecological Informatics, 2022, 67, 101495.	2.3	12
4	Current Status of Forecasting Toxic Harmful Algae for the North-East Atlantic Shellfish Aquaculture Industry. Frontiers in Marine Science, 2021, 8, .	1.2	30
5	Bright spots as climateâ€smart marine spatial planning tools for conservation and blue growth. Global Change Biology, 2021, 27, 5514-5531.	4.2	32
6	Towards a framework for fishing route optimization decision support systems: Review of the state-of-the-art and challenges. Journal of Cleaner Production, 2021, 320, 128661.	4.6	14
7	Disentangling diverse responses to climate change among global marine ecosystem models. Progress in Oceanography, 2021, 198, 102659.	1.5	42
8	Tuna Fisheries Fuel Consumption Reduction and Safer Operations. , 2021, , 377-388.		1
9	Next-generation ensemble projections reveal higher climate risks for marine ecosystems. Nature Climate Change, 2021, 11, 973-981.	8.1	96
10	Changes of potential catches for North-East Atlantic small pelagic fisheries under climate change scenarios. Regional Environmental Change, 2020, 20, 1.	1.4	5
11	Can we project changes in fish abundance and distribution in response to climate?. Global Change Biology, 2020, 26, 3891-3905.	4.2	25
12	Effects of climate change and management policies on marine fisheries productivity in the north-east coast of India. Science of the Total Environment, 2020, 724, 138082.	3.9	19
13	Changing fish distributions challenge the effective management of European fisheries. Ecography, 2020, 43, 494-505.	2.1	58
14	Aggregated outputs by linear models: An application on marine litter beaching prediction. Information Sciences, 2019, 481, 381-393.	4.0	6
15	Early Warning Systems for Shellfish Safety: The Pivotal Role of Computational Science. Lecture Notes in Computer Science, 2019, , 361-375.	1.0	7
16	Global ensemble projections reveal trophic amplification of ocean biomass declines with climate change. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12907-12912.	3.3	357
17	Beach litter forecasting on the south-eastern coast of the Bay of Biscay: A bayesian networks approach. Continental Shelf Research, 2019, 180, 14-23.	0.9	10
18	Biology and fisheries of Hilsa shad in Bay of Bengal. Science of the Total Environment, 2019, 651, 1720-1734.	3.9	34

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19	Climate change alters fish community sizeâ€structure, requiring adaptive policy targets. Fish and Fisheries, 2018, 19, 613-621.	2.7	39
20	Economic impacts of marine ecological change: Review and recent contributions of the VECTORS project on European marine waters. Estuarine, Coastal and Shelf Science, 2018, 201, 152-163.	0.9	12
21	Projecting changes in the distribution and productivity of living marine resources: A critical review of the suite of modelling approaches used in the large European project VECTORS. Estuarine, Coastal and Shelf Science, 2018, 201, 40-55.	0.9	65
22	Integrated ecologicalâ€“economic fisheries modelsâ€”Evaluation, review and challenges for implementation. Fish and Fisheries, 2018, 19, 1-29.	2.7	87
23	Applying the global RCPâ€“SSPâ€“SPA scenario framework at sub-national scale: A multi-scale and participatory scenario approach. Science of the Total Environment, 2018, 635, 659-672.	3.9	98
24	Conflict analysis and reallocation opportunities in the framework of marine spatial planning: A novel, spatially explicit Bayesian belief network approach for artisanal fishing and aquaculture. Marine Policy, 2018, 94, 119-131.	1.5	38
25	Impacts and responses to environmental change in coastal livelihoods of south-west Bangladesh. Science of the Total Environment, 2018, 637-638, 954-970.	3.9	67
26	A protocol for the intercomparison of marine fishery and ecosystem models: Fish-MIP v1.0. Geoscientific Model Development, 2018, 11, 1421-1442.	1.3	116
27	Importance of fisheries for food security across three climate change vulnerable deltas. Science of the Total Environment, 2018, 640-641, 1566-1577.	3.9	63
28	Marine Ecosystems and Fisheries: Trends and Prospects. , 2018, , 469-488.		0
29	Integrative Analysis Applying the Delta Dynamic Integrated Emulator Model in South-West Coastal Bangladesh. , 2018, , 525-574.		3
30	Fertilization and connectivity in the Garrucha Canyon (SE-Spain) implications for Marine Spatial Planning. Marine Environmental Research, 2017, 126, 45-68.	1.1	9
31	Estimating the ecological, economic and social impacts of ocean acidification and warming on <scp>UK</scp> fisheries. Fish and Fisheries, 2017, 18, 389-411.	2.7	53
32	The Cost of Reducing the North Atlantic Ocean Biological Carbon Pump. Frontiers in Marine Science, 2017, 3, .	1.2	25
33	Detecting the presence-absence of bluefin tuna by automated analysis of medium-range sonars on fishing vessels. PLoS ONE, 2017, 12, e0171382.	1.1	15
34	Uncertainties in projecting climate-change impacts in marine ecosystems. ICES Journal of Marine Science, 2016, 73, 1272-1282.	1.2	126
35	Semi-automated classification method addressing marine strategy framework directive (MSFD) zooplankton indicators. Ecological Indicators, 2016, 71, 398-405.	2.6	20
36	Solutions for ecosystemâ€level protection of ocean systems under climate change. Global Change Biology, 2016, 22, 3927-3936.	4.2	52

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37	Projecting marine fish production and catch potential in Bangladesh in the 21st century under long-term environmental change and management scenarios. ICES Journal of Marine Science, 2016, 73, 1357-1369.	1.2	58
38	Costs and benefits to European shipping of ballast-water and hull-fouling treatment: Impacts of native and non-indigenous species. Marine Policy, 2016, 64, 148-155.	1.5	31
39	Quantitative pathways for Northeast Atlantic fisheries based on climate, ecologicalâ€“economic and governance modelling scenarios. Ecological Modelling, 2016, 320, 273-291.	1.2	26
40	Spatio-temporal Bayesian network models with latent variables for revealing trophic dynamics and functional networks in fisheries ecology. Ecological Informatics, 2015, 30, 142-158.	2.3	52
41	Evaluating machine-learning techniques for recruitment forecasting of seven North East Atlantic fish species. Ecological Informatics, 2015, 25, 35-42.	2.3	18
42	Scaling up experimental ocean acidification and warming research: from individuals to the ecosystem. Global Change Biology, 2015, 21, 130-143.	4.2	148
43	Improving the performance of a Mediterranean demersal fishery toward economic objectives beyond MSY. Fisheries Research, 2015, 161, 131-144.	0.9	27
44	Estimating the economic loss of recent North Atlantic fisheries management. Progress in Oceanography, 2014, 129, 314-323.	1.5	13
45	Modelling the effects of climate change on the distribution and production of marine fishes: accounting for trophic interactions in a dynamic bioclimate envelope model. Global Change Biology, 2013, 19, 2596-2607.	4.2	106
46	Supervised pre-processing approaches in multiple class variables classification for fish recruitment forecasting. Environmental Modelling and Software, 2013, 40, 245-254.	1.9	29
47	Predicting the Impact of Climate Change on Threatened Species in UK Waters. PLoS ONE, 2013, 8, e54216.	1.1	78
48	Improving semiautomated zooplankton classification using an internal control and different imaging devices. Limnology and Oceanography: Methods, 2012, 10, 1-9.	1.0	14
49	Evaluation of Reaching the Targets of the Water Framework Directive in the Gulf of Finland. Environmental Science & Technology, 2012, 46, 8220-8228.	4.6	17
50	Factors determining the distribution and betadiversity of mesozooplankton species in shelf and coastal waters of the Bay of Biscay. Journal of Plankton Research, 2011, 33, 1182-1192.	0.8	20
51	The potential use of a Gadget model to predict stock responses to climate change in combination with Bayesian networks: the case of Bay of Biscay anchovy. ICES Journal of Marine Science, 2011, 68, 1257-1269.	1.2	13
52	Fish recruitment prediction, using robust supervised classification methods. Ecological Modelling, 2010, 221, 338-352.	1.2	58
53	Optimizing the number of classes in automated zooplankton classification. Journal of Plankton Research, 2009, 31, 19-29.	0.8	38
54	Changes in plankton size structure and composition, during the generation of a phytoplankton bloom, in the central Cantabrian sea. Journal of Plankton Research, 2008, 31, 193-207.	0.8	37

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55	Modelling the influence of abiotic and biotic factors on plankton distribution in the Bay of Biscay, during three consecutive years (2004-06). Journal of Plankton Research, 2008, 30, 857-872.	0.8	30
56	Spring zooplankton distribution in the Bay of Biscay from 1998 to 2006 in relation with anchovy recruitment. Journal of Plankton Research, 2008, 31, 1-17.	0.8	79