

Mathieu Woillez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2889275/publications.pdf>

Version: 2024-02-01

23
papers

539
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining scientific survey and commercial catch data to map fish distribution. <i>ICES Journal of Marine Science</i> , 2022, 79, 1133-1149.	2.5	20
2	Estimating abundance indices of juvenile fish in estuaries using Geostatistics: An example of European sea bass (<i>Dicentrarchus labrax</i>). <i>Estuarine, Coastal and Shelf Science</i> , 2022, 269, 107799.	2.1	1
3	Characterising Essential Fish Habitat using spatio-temporal analysis of fishery data: A case study of the European seabass spawning areas. <i>Fisheries Oceanography</i> , 2021, 30, 413-428.	1.7	18
4	Analysing Temporal Variability in Spatial Distributions Using Min-Max Autocorrelation Factors: Sardine Eggs in the Bay of Biscay. <i>Mathematical Geosciences</i> , 2020, 52, 337-354.	2.4	4
5	Contribution of a bioenergetics model to investigate the growth and survival of European seabass in the Bay of Biscay - English Channel area. <i>Ecological Modelling</i> , 2020, 423, 109007.	2.5	8
6	Climate-induced changes in the suitable habitat of cold-water corals and commercially important deep-sea fishes in the North Atlantic. <i>Global Change Biology</i> , 2020, 26, 2181-2202.	9.5	109
7	New insights into behavioural ecology of European seabass off the West Coast of France: implications at local and population scales. <i>ICES Journal of Marine Science</i> , 2019, 76, 501-515.	2.5	27
8	Indicator-Based Geostatistical Models For Mapping Fish Survey Data. <i>Mathematical Geosciences</i> , 2018, 50, 187-208.	2.4	5
9	Coupling spectral analysis and hidden Markov models for the segmentation of behavioural patterns. <i>Movement Ecology</i> , 2017, 5, 20.	2.8	14
10	Evaluating total uncertainty for biomass- and abundance-at-age estimates from eastern Bering Sea walleye pollock acoustic-trawl surveys. <i>ICES Journal of Marine Science</i> , 2016, 73, 2208-2226.	2.5	6
11	Comparison of individual-based model output to data using a model of walleye pollock early life history in the Gulf of Alaska. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 132, 240-262.	1.4	13
12	Is speed through water a better proxy for fishing activities than speed over ground?. <i>Aquatic Living Resources</i> , 2016, 29, 210.	1.2	7
13	A HMM-based model to geolocate pelagic fish from high-resolution individual temperature and depth histories: European sea bass as a case study. <i>Ecological Modelling</i> , 2016, 321, 10-22.	2.5	26
14	A Geostatistical Definition of Hotspots for Fish Spatial Distributions. <i>Mathematical Geosciences</i> , 2016, 48, 65-77.	2.4	8
15	Interannual Changes in Biomass Affect the Spatial Aggregations of Anchovy and Sardine as Evidenced by Geostatistical and Spatial Indicators. <i>PLoS ONE</i> , 2015, 10, e0135808.	2.5	26
16	Bayesian posterior prediction of the patchy spatial distributions of small pelagic fish in regions of suitable habitat. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 290-303.	1.4	15
17	Modelling the variability in fish spatial distributions over time with empirical orthogonal functions: anchovy in the Bay of Biscay. <i>ICES Journal of Marine Science</i> , 2014, 71, 2379-2389.	2.5	25
18	Statistical monitoring of spatial patterns of environmental indices for integrated ecosystem assessment: Application to the Bay of Biscay pelagic zone. <i>Progress in Oceanography</i> , 2010, 87, 83-93.	3.2	7

#	ARTICLE	IF	CITATIONS
19	Towards an ecosystem approach to fisheries management (EAFM) when trawl surveys provide the main source of information. <i>Aquatic Living Resources</i> , 2009, 22, 243-254.	1.2	34
20	Notes on survey-based spatial indicators for monitoring fish populations. <i>Aquatic Living Resources</i> , 2009, 22, 155-164.	1.2	87
21	Using min/max autocorrelation factors of survey-based indicators to follow the evolution of fish stocks in time. <i>Aquatic Living Resources</i> , 2009, 22, 193-200.	1.2	22
22	Evaluating the uncertainty of abundance estimates from acoustic surveys using geostatistical simulations. <i>ICES Journal of Marine Science</i> , 2009, 66, 1377-1383.	2.5	27
23	Optimizing the design of acoustic surveys of Peruvian anchoveta. <i>ICES Journal of Marine Science</i> , 2009, 66, 1341-1348.	2.5	30