

# Morgane Travers-Trolet

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

2,118  
citations

257450

24  
h-index

265206

42  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2716  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferences to estimate consumer's diet using stable isotopes: Insights from a dynamic mixing model. PLoS ONE, 2022, 17, e0263454.	2.5	5
2	Effects of Nutrient Management Scenarios on Marine Food Webs: A Pan-European Assessment in Support of the Marine Strategy Framework Directive. Frontiers in Marine Science, 2021, 8, .	2.5	20
3	Plasticity of trophic interactions in fish assemblages results in temporal stability of benthic-pelagic couplings. Marine Environmental Research, 2021, 170, 105412.	2.5	12
4	Editorial: Managing for the Future: Challenges and Approaches for Disentangling the Relative Roles of Environmental Change and Fishing in Marine Ecosystems. Frontiers in Marine Science, 2021, 8, .	2.5	4
5	The Risky Decrease of Fishing Reference Points Under Climate Change. Frontiers in Marine Science, 2020, 7, .	2.5	13
6	The Ocean Decade: A True Ecosystem Modeling Challenge. Frontiers in Marine Science, 2020, 7, .	2.5	46
7	Improving confidence in complex ecosystem models: The sensitivity analysis of an Atlantis ecosystem model. Ecological Modelling, 2020, 431, 109133.	2.5	15
8	Improving the interpretation of fishing effort and pressures in mixed fisheries using spatial overlap metrics. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 586-596.	1.4	10
9	Emergence of negative trophic level-size relationships from a size-based, individual-based multispecies fish model. Ecological Modelling, 2019, 410, 108800.	2.5	17
10	Combining multiple data sets to unravel the spatiotemporal dynamics of a data-limited fish stock. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 1338-1349.	1.4	17
11	Risky business: The combined effects of fishing and changes in primary productivity on fish communities. Ecological Modelling, 2018, 368, 265-276.	2.5	67
12	Responses of summer phytoplankton biomass to changes in top-down forcing: Insights from comparative modelling. Ecological Modelling, 2018, 376, 54-67.	2.5	14
13	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.	2.1	65
14	Evidence of a relationship between weight and total length of marine fish in the North-eastern Atlantic Ocean: physiological, spatial and temporal variations. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 617-625.	0.8	14
15	Identification of the main processes underlying ecosystem functioning in the Eastern English Channel, with a focus on flatfish species, as revealed through the application of the Atlantis end-to-end model. Estuarine, Coastal and Shelf Science, 2018, 201, 208-222.	2.1	21
16	Inferring the annual, seasonal, and spatial distributions of marine species from complementary research and commercial vessels' catch rates. ICES Journal of Marine Science, 2017, 74, 2415-2426.	2.5	21
17	Depth gradient in the resource use of a fish community from a semi-enclosed sea. Limnology and Oceanography, 2017, 62, 2213-2226.	3.1	47
18	A new application of principal response curves for summarizing abrupt and cyclic shifts of communities over space. Ecosphere, 2017, 8, e02023.	2.2	17

#	ARTICLE	IF	CITATIONS
19	Underestimation of chemical contamination in marine fish muscle tissue can be reduced by considering variable wet:dry weight ratios. <i>Marine Pollution Bulletin</i> , 2017, 123, 279-285.	5.0	52
20	Fishing impact and environmental status in European seas: a diagnosis from stock assessments and ecosystem indicators. <i>Fish and Fisheries</i> , 2016, 17, 31-55.	5.3	78
21	The need for a protean fisheries science to address the degradation of exploited aquatic ecosystems. <i>Aquatic Living Resources</i> , 2016, 29, E201.	1.2	3
22	Reconciling complex system models and fisheries advice: Practical examples and leads. <i>Aquatic Living Resources</i> , 2016, 29, 208.	1.2	46
23	Ecological indicators to capture the effects of fishing on biodiversity and conservation status of marine ecosystems. <i>Ecological Indicators</i> , 2016, 60, 947-962.	6.3	120
24	Regime Shift in an Exploited Fish Community Related to Natural Climate Oscillations. <i>PLoS ONE</i> , 2015, 10, e0129883.	2.5	38
25	Understanding winter distribution and transport pathways of the invasive ctenophore <i>Mnemiopsis leidyi</i> in the North Sea: coupling habitat and dispersal modelling approaches. <i>Biological Invasions</i> , 2015, 17, 2605-2619.	2.4	14
26	Evaluating changes in marine communities that provide ecosystem services through comparative assessments of community indicators. <i>Ecosystem Services</i> , 2015, 16, 413-429.	5.4	22
27	Relationships among fisheries exploitation, environmental conditions, and ecological indicators across a series of marine ecosystems. <i>Journal of Marine Systems</i> , 2015, 148, 101-111.	2.1	42
28	From Data to End-to-End Models: 15 Years of Research to Describe the Dynamics of Exploited Marine Ecosystems in the Eastern Channel. , 2015, , 169-173.		1
29	Combined Fishing and Climate Forcing in the Southern Benguela Upwelling Ecosystem: An End-to-End Modelling Approach Reveals Dampened Effects. <i>PLoS ONE</i> , 2014, 9, e94286.	2.5	68
30	Predation control of zooplankton dynamics: a review of observations and models. <i>ICES Journal of Marine Science</i> , 2014, 71, 254-271.	2.5	53
31	An end-to-end coupled model ROMS-NPZD-OSMOSE of the southern Benguela foodweb: parameterisation, calibration and pattern-oriented validation. <i>African Journal of Marine Science</i> , 2014, 36, 11-29.	1.1	60
32	Trophic level-based indicators to track fishing impacts across marine ecosystems. <i>Marine Ecology - Progress Series</i> , 2014, 512, 115-140.	1.9	126
33	Evaluating marine ecosystem health: Case studies of indicators using direct observations and modelling methods. <i>Ecological Indicators</i> , 2013, 24, 353-365.	6.3	135
34	Towards the implementation of an integrated ecosystem fleet-based management of European fisheries. <i>Marine Policy</i> , 2012, 36, 1022-1032.	3.2	37
35	Changes in food web structure under scenarios of overfishing in the southern Benguela: Comparison of the Ecosim and OSMOSE modelling approaches. <i>Journal of Marine Systems</i> , 2010, 79, 101-111.	2.1	61
36	Coupling low and high trophic levels models: Towards a pathways-orientated approach for end-to-end models. <i>Progress in Oceanography</i> , 2010, 84, 105-112.	3.2	57

#	ARTICLE	IF	CITATIONS
37	Spatio-temporal variability in fish-induced predation mortality on plankton: A simulation approach using a coupled trophic model of the Benguela ecosystem. <i>Progress in Oceanography</i> , 2010, 84, 118-120.	3.2	20
38	Application of an evolutionary algorithm to the inverse parameter estimation of an individual-based model. <i>Ecological Modelling</i> , 2010, 221, 840-849.	2.5	36
39	Trophic structure of the Peruvian marine ecosystem in 2000â€“2006: Insights on the effects of management scenarios for the hake fishery using the IBM trophic model Osmose. <i>Journal of Marine Systems</i> , 2009, 75, 290-304.	2.1	39
40	Two-way coupling versus one-way forcing of plankton and fish models to predict ecosystem changes in the Benguela. <i>Ecological Modelling</i> , 2009, 220, 3089-3099.	2.5	89
41	Ecosystem oceanography for global change in fisheries. <i>Trends in Ecology and Evolution</i> , 2008, 23, 338-346.	8.7	259
42	Towards end-to-end models for investigating the effects of climate and fishing in marine ecosystems. <i>Progress in Oceanography</i> , 2007, 75, 751-770.	3.2	184
43	Simulating and testing the sensitivity of ecosystem-based indicators to fishing in the southern Benguela ecosystem. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 943-956.	1.4	53