

# Mark R Payne

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10380383/publications.pdf>

Version: 2024-02-01

27  
papers

1,525  
citations

394421

19  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Managing living marine resources in a dynamic environment: The role of seasonal to decadal climate forecasts. <i>Progress in Oceanography</i> , 2017, 152, 15-49.	3.2	165
2	Lessons learned from stock collapse and recovery of North Sea herring: a review. <i>ICES Journal of Marine Science</i> , 2010, 67, 1875-1886.	2.5	138
3	Uncertainties in projecting climate-change impacts in marine ecosystems. <i>ICES Journal of Marine Science</i> , 2016, 73, 1272-1282.	2.5	126
4	Lessons from the First Generation of Marine Ecological Forecast Products. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	113
5	Recruitment in a changing environment: the 2000s North Sea herring recruitment failure. <i>ICES Journal of Marine Science</i> , 2009, 66, 272-277.	2.5	104
6	Ecological niches of open ocean phytoplankton taxa. <i>Limnology and Oceanography</i> , 2015, 60, 1020-1038.	3.1	104
7	Trait biogeography of marine copepods – an analysis across scales. <i>Ecology Letters</i> , 2016, 19, 1403-1413.	6.4	82
8	A cascade of warming impacts brings bluefin tuna to Greenland waters. <i>Global Change Biology</i> , 2014, 20, 2484-2491.	9.5	78
9	A trait database for marine copepods. <i>Earth System Science Data</i> , 2017, 9, 99-113.	9.9	74
10	Copernicus Marine Service Ocean State Report, Issue 3. <i>Journal of Operational Oceanography</i> , 2019, 12, S1-S123.	1.2	66
11	Ecotypes as a concept for exploring responses to climate change in fish assemblages. <i>ICES Journal of Marine Science</i> , 2011, 68, 580-591.	2.5	56
12	Climate change has altered zooplankton-fuelled carbon export in the North Atlantic. <i>Nature Ecology and Evolution</i> , 2019, 3, 416-423.	7.8	55
13	The North Atlantic subpolar gyre regulates the spawning distribution of blue whiting ( <i>Micromesistius poutassou</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 759-770.	1.4	51
14	Migration and Fisheries of North East Atlantic Mackerel ( <i>Scomber scombrus</i> ) in Autumn and Winter. <i>PLoS ONE</i> , 2012, 7, e51541.	2.5	48
15	The rise and fall of the NE Atlantic blue whiting ( <i>Micromesistius poutassou</i> ). <i>Marine Biology Research</i> , 2012, 8, 475-487.	0.7	42
16	The predictive skill of species distribution models for plankton in a changing climate. <i>Global Change Biology</i> , 2016, 22, 3170-3181.	9.5	41
17	Does larval mortality influence population dynamics? An analysis of North Sea herring ( <i>Clupea</i> ) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.7	39
18	Mind the gaps: a state-space model for analysing the dynamics of North Sea herring spawning components. <i>ICES Journal of Marine Science</i> , 2010, 67, 1939-1947.	2.5	30

#	ARTICLE	IF	CITATIONS
19	The Sub-Polar Gyre Index – a community data set for application in fisheries and environment research. <i>Earth System Science Data</i> , 2017, 9, 259-266.	9.9	21
20	Realized habitats of early-stage North Sea herring: looking for signals of environmental change. <i>ICES Journal of Marine Science</i> , 2011, 68, 537-546.	2.5	18
21	Spatial distribution of life-history traits and their response to environmental gradients across multiple marine taxa. <i>Ecosphere</i> , 2018, 9, e02460.	2.2	15
22	Oceanographic variability shapes the spawning distribution of blue whiting ( <i>Micromesistius</i> ) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 62	1.7	13
23	Skilful decadal-scale prediction of fish habitat and distribution shifts. <i>Nature Communications</i> , 2022, 13, 2660.	12.8	13
24	A Resolution to the Blue Whiting ( <i>Micromesistius poutassou</i> ) Population Paradox?. <i>PLoS ONE</i> , 2014, 9, e106237.	2.5	11
25	Attuning to a changing ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20363-20371.	7.1	9
26	A framework for assessing the skill and value of operational recruitment forecasts. <i>ICES Journal of Marine Science</i> , 2021, 78, 3581-3591.	2.5	6
27	Measuring evolutionary adaptation of phytoplankton with local field observations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5223-E5224.	7.1	1