

Robert B Thorpe

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

898
citations

623734

14
h-index

526287

27
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29
all docs

29
docs citations

29
times ranked

1511
citing authors

#	ARTICLE	IF	CITATIONS
1	The Response of North Sea Ecosystem Functional Groups to Warming and Changes in Fishing. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	5
2	Synthesizing Empirical and Modelling Studies to Predict Past and Future Primary Production in the North Sea. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2
3	Quantifying uncertainty and dynamical changes in multi-species fishing mortality rates, catches and biomass by combining state-space and size-based multi-species models. <i>Fish and Fisheries</i> , 2021, 22, 667.	5.3	12
4	The Use of a Length-Structured Multispecies Model Fitted Directly to Data in Near-Real Time as a Viable Tool for Advice. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
5	Commentary: Combining Ecosystem and Single-Species Modeling to Provide Ecosystem-Based Fisheries Management Advice Within Current Management Systems. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
6	SEASIM-NEAM: A Spatially-Explicit Agent-based SIMulator of North East Atlantic Mackerel population dynamics. <i>MethodsX</i> , 2020, 7, 101044.	1.6	3
7	Assessing the sublethal impacts of anthropogenic stressors on fish: An energy-budget approach. <i>Fish and Fisheries</i> , 2020, 21, 1034-1045.	5.3	14
8	Potential Consequences of Climate and Management Scenarios for the Northeast Atlantic Mackerel Fishery. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
9	LeMaRns: A Length-based Multi-species analysis by numerical simulation in R. <i>PLoS ONE</i> , 2020, 15, e0227767.	2.5	9
10	Simulating the summer feeding distribution of Northeast Atlantic mackerel with a mechanistic individual-based model. <i>Progress in Oceanography</i> , 2020, 183, 102299.	3.2	17
11	Something old, something new: Historical perspectives provide lessons for blue growth agendas. <i>Fish and Fisheries</i> , 2020, 21, 774-796.	5.3	36
12	Comparing conceptual frameworks for a fish community MSY (FCMSY) using management strategy evaluation—an example from the North Sea. <i>ICES Journal of Marine Science</i> , 2019, 76, 813-823.	2.5	21
13	What is multispecies MSY? A worked example from the North Sea. <i>Journal of Fish Biology</i> , 2019, 94, 1011-1018.	1.6	25
14	Comparing the steady state results of a range of multispecies models between and across geographical areas by the use of the jacobian matrix of yield on fishing mortality rate. <i>Fisheries Research</i> , 2019, 209, 259-270.	1.7	12
15	A general framework for combining ecosystem models. <i>Fish and Fisheries</i> , 2018, 19, 1031-1042.	5.3	66
16	A general approach to incorporating spatial and temporal variation in individual-based models of fish populations with application to Atlantic mackerel. <i>Ecological Modelling</i> , 2018, 382, 9-17.	2.5	32
17	Risks and benefits of catching pretty good yield in multispecies mixed fisheries. <i>ICES Journal of Marine Science</i> , 2017, 74, 2097-2106.	2.5	25
18	Communicating complex ecological models to non-scientist end users. <i>Ecological Modelling</i> , 2016, 338, 51-59.	2.5	52

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19	Assessing fishery and ecological consequences of alternate management options for multispecies fisheries. ICES Journal of Marine Science, 2016, 73, 1503-1512.	2.5	25
20	Evaluation and management implications of uncertainty in a multispecies size-structured model of population and community responses to fishing. Methods in Ecology and Evolution, 2015, 6, 49-58.	5.2	76
21	Making modelling count - increasing the contribution of shelf-seas community and ecosystem models to policy development and management. Marine Policy, 2015, 61, 291-302.	3.2	81
22	Air quality modelling using the Met Office Unified Model (AQUM OS24-26): model description and initial evaluation. Geoscientific Model Development, 2013, 6, 353-372.	3.6	97
23	A methodology for in-situ and remote sensing of microphysical and radiative properties of contrails as they evolve into cirrus. Atmospheric Chemistry and Physics, 2012, 12, 8157-8175.	4.9	16
24	Using moisture conservation to evaluate oceanic surface freshwater fluxes in climate models. Climate Dynamics, 2011, 37, 205-219.	3.8	12
25	A case study of the radiative forcing of persistent contrails evolving into contrail-induced cirrus. Journal of Geophysical Research, 2009, 114, .	3.3	65
26	Systematic optimisation and climate simulation of FAMOUS, a fast version of HadCM3. Climate Dynamics, 2005, 25, 189-204.	3.8	83
27	An AOGCM simulation of the climate response to a volcanic super-eruption. Climate Dynamics, 2005, 25, 725-738.	3.8	97