

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
g-index

29
all docs

29
docs citations

29
times ranked

1511
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An AOGCM simulation of the climate response to a volcanic super-eruption. <i>Climate Dynamics</i> , 2005, 25, 725-738. | 3.8 | 97 |
| 2 | Air quality modelling using the Met Office Unified Model (AQUM OS24-26): model description and initial evaluation. <i>Geoscientific Model Development</i> , 2013, 6, 353-372. | 3.6 | 97 |
| 3 | Systematic optimisation and climate simulation of FAMOUS, a fast version of HadCM3. <i>Climate Dynamics</i> , 2005, 25, 189-204. | 3.8 | 83 |
| 4 | Making modelling count - increasing the contribution of shelf-seas community and ecosystem models to policy development and management. <i>Marine Policy</i> , 2015, 61, 291-302. | 3.2 | 81 |
| 5 | Evaluation and management implications of uncertainty in a multispecies size-structured model of population and community responses to fishing. <i>Methods in Ecology and Evolution</i> , 2015, 6, 49-58. | 5.2 | 76 |
| 6 | A general framework for combining ecosystem models. <i>Fish and Fisheries</i> , 2018, 19, 1031-1042. | 5.3 | 66 |
| 7 | A case study of the radiative forcing of persistent contrails evolving into contrail-induced cirrus. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 65 |
| 8 | Communicating complex ecological models to non-scientist end users. <i>Ecological Modelling</i> , 2016, 338, 51-59. | 2.5 | 52 |
| 9 | Something old, something new: Historical perspectives provide lessons for blue growth agendas. <i>Fish and Fisheries</i> , 2020, 21, 774-796. | 5.3 | 36 |
| 10 | 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 |
| 11 | Assessing fishery and ecological consequences of alternate management options for multispecies fisheries. <i>ICES Journal of Marine Science</i> , 2016, 73, 1503-1512. | 2.5 | 25 |
| 12 | 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 |
| 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 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 |
| 15 | 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 |
| 16 | A methodology for in-situ and remote sensing of microphysical and radiative properties of contrails as they evolve into cirrus. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8157-8175. | 4.9 | 16 |
| 17 | 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 |
| 18 | Using moisture conservation to evaluate oceanic surface freshwater fluxes in climate models. <i>Climate Dynamics</i> , 2011, 37, 205-219. | 3.8 | 12 |

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|----|--|-----|-----------|
| 19 | 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. Fisheries Research, 2019, 209, 259-270. | 1.7 | 12 |
| 20 | Quantifying uncertainty and dynamical changes in multi-species fishing mortality rates, catches and biomass by combining state-space and size-based multi-species models. Fish and Fisheries, 2021, 22, 667. | 5.3 | 12 |
| 21 | Potential Consequences of Climate and Management Scenarios for the Northeast Atlantic Mackerel Fishery. Frontiers in Marine Science, 2020, 7, . | 2.5 | 10 |
| 22 | LeMaRns: A Length-based Multi-species analysis by numerical simulation in R. PLoS ONE, 2020, 15, e0227767. | 2.5 | 9 |
| 23 | The Response of North Sea Ecosystem Functional Groups to Warming and Changes in Fishing. Frontiers in Marine Science, 2022, 9, . | 2.5 | 5 |
| 24 | SEASIM-NEAM: A Spatially-Explicit Agent-based SIMulator of North East Atlantic Mackerel population dynamics. MethodsX, 2020, 7, 101044. | 1.6 | 3 |
| 25 | The Use of a Length-Structured Multispecies Model Fitted Directly to Data in Near-Real Time as a Viable Tool for Advice. Frontiers in Marine Science, 2021, 8, . | 2.5 | 3 |
| 26 | Commentary: Combining Ecosystem and Single-Species Modeling to Provide Ecosystem-Based Fisheries Management Advice Within Current Management Systems. Frontiers in Marine Science, 2021, 8, . | 2.5 | 2 |
| 27 | Synthesizing Empirical and Modelling Studies to Predict Past and Future Primary Production in the North Sea. Frontiers in Marine Science, 2022, 9, . | 2.5 | 2 |