

# Henrik Gislason

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

3,932  
citations

186265

28  
h-index

149698

56  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing the Fuel Use Intensity of Fisheries: Through Efficient Fishing Techniques and Recovered Fish Stocks. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	15
2	Are we ready to track climate-driven shifts in marine species across international boundaries? A global survey of scientific bottom trawl data. <i>Global Change Biology</i> , 2021, 27, 220-236.	9.5	51
3	Scrabbling around for understanding of natural mortality. <i>Fisheries Research</i> , 2021, 240, 105952.	1.7	15
4	Biological traits of benthic macrofauna show sizebased differences in response to bottom trawling intensity. <i>Marine Ecology - Progress Series</i> , 2021, 671, 1-19.	1.9	10
5	Using large benthic macrofauna to refine and improve ecological indicators of bottom trawling disturbance. <i>Ecological Indicators</i> , 2020, 110, 105811.	6.3	21
6	Periodic fluctuations in recruitment success of Atlantic cod. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 236-246.	1.4	7
7	Global analysis of fish growth rates shows weaker responses to temperature than metabolic predictions. <i>Global Ecology and Biogeography</i> , 2020, 29, 2203-2213.	5.8	35
8	Are fish sensitive to trawling recovering in the Northeast Atlantic?. <i>Journal of Applied Ecology</i> , 2020, 57, 1936-1947.	4.0	10
9	Species richness in North Atlantic fish: Process concealed by pattern. <i>Global Ecology and Biogeography</i> , 2020, 29, 842-856.	5.8	11
10	High-resolution fisheries data reveal effects of bivalve dredging on benthic communities in stressed coastal systems. <i>Marine Ecology - Progress Series</i> , 2020, 642, 21-38.	1.9	14
11	Biodiversity ecosystem functioning relationships in fish communities: biomass is related to evenness and the environment, not to species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191189.	2.6	58
12	The Baltic Sea Atlantis: An integrated end-to-end modelling framework evaluating ecosystem-wide effects of human-induced pressures. <i>PLoS ONE</i> , 2018, 13, e0199168.	2.5	30
13	Growth and food consumption of whiting <i>Merlangius merlangus</i> . <i>Journal of Fish Biology</i> , 2018, 93, 334-343.	1.6	9
14	Unplanned ecological engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 634-635.	7.1	9
15	Methods for the Study of Marine Biodiversity. , 2017, , 129-163.		34
16	Lost in translation? Multi-metric macrobenthos indicators and bottom trawling. <i>Ecological Indicators</i> , 2017, 82, 260-270.	6.3	23
17	The diet of whiting <i>Merlangius merlangus</i> in the western Baltic Sea. <i>Journal of Fish Biology</i> , 2016, 88, 1965-1988.	1.6	6
18	Testing reproductive allometry in fish. <i>ICES Journal of Marine Science</i> , 2016, 73, 1466-1473.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Differences in density-dependence drive dual offspring size strategies in fish. <i>Journal of Theoretical Biology</i> , 2016, 407, 118-127.	1.7	9
20	Assumptions behind size-based ecosystem models are realistic. <i>ICES Journal of Marine Science</i> , 2016, 73, 1651-1655.	2.5	25
21	Forage Fish Interactions: a symposium on "Creating the tools for ecosystem-based management of marine resources". <i>ICES Journal of Marine Science</i> , 2014, 71, 1-4.	2.5	38
22	Technological Development and Fisheries Management. <i>Reviews in Fisheries Science and Aquaculture</i> , 2014, 22, 156-174.	9.1	89
23	The consequences of balanced harvesting of fish communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132701.	2.6	106
24	The marine diversity spectrum. <i>Journal of Animal Ecology</i> , 2014, 83, 963-979.	2.8	30
25	Evolutionary assembly rules for fish life histories. <i>Fish and Fisheries</i> , 2013, 14, 213-224.	5.3	134
26	Does functional redundancy stabilize fish communities?. <i>ICES Journal of Marine Science</i> , 2013, 70, 734-742.	2.5	17
27	Population Structure of Atlantic Mackerel ( <i>Scomber scombrus</i> ). <i>PLoS ONE</i> , 2013, 8, e64744.	2.5	48
28	Multi-decadal responses of a cod ( <i>Gadus morhua</i> ) population to human-induced trophic changes, fishing, and climate. , 2011, 21, 214-226.		70
29	Temperature affects the timing of spawning and migration of North Sea mackerel. <i>Continental Shelf Research</i> , 2011, 31, 64-72.	1.8	94
30	Apocalypse in world fisheries? The reports of their death are greatly exaggerated. <i>ICES Journal of Marine Science</i> , 2011, 68, 1375-1378.	2.5	37
31	Size, growth, temperature and the natural mortality of marine fish. <i>Fish and Fisheries</i> , 2010, 11, 149-158.	5.3	297
32	How community ecology links natural mortality, growth, and production of fish populations. <i>ICES Journal of Marine Science</i> , 2009, 66, 1978-1984.	2.5	44
33	Honey, I cooled the cods: Modelling the effect of temperature on the structure of Boreal/Arctic fish ecosystems. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 2097-2107.	1.4	10
34	Life-history constraints on the success of the many small eggs reproductive strategy. <i>Theoretical Population Biology</i> , 2008, 73, 490-497.	1.1	28
35	Coexistence in North Sea fish communities: implications for growth and natural mortality. <i>ICES Journal of Marine Science</i> , 2008, 65, 514-530.	2.5	41
36	Impact of 21st century climate change on the Baltic Sea fish community and fisheries. <i>Global Change Biology</i> , 2007, 13, 1348-1367.	9.5	165

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37	Modelling an exploited marine fish community with 15 parameters – results from a simple size-based model. ICES Journal of Marine Science, 2006, 63, 1029-1044.	2.5	112
38	Painting the floor with a hammer: Technical fixes in fisheries management. Marine Policy, 2006, 30, 534-543.	3.2	168
39	Prey switching of cod and whiting in the North Sea. Marine Ecology - Progress Series, 2006, 325, 243-253.	1.9	17
40	Functional and aggregative response of North Sea whiting. Journal of Experimental Marine Biology and Ecology, 2005, 324, 1-19.	1.5	21
41	Changes in the North Sea fish community: evidence of indirect effects of fishing?. ICES Journal of Marine Science, 2005, 62, 177-188.	2.5	266
42	Using size-based indicators to evaluate the ecosystem effects of fishing. ICES Journal of Marine Science, 2005, 62, 384-396.	2.5	423
43	Stock dynamics of sandeel in the North Sea and sub-regions including uncertainties. Fisheries Research, 2004, 68, 237-248.	1.7	6
44	Using AMOEBA to display multispecies, multifleet fisheries advice. ICES Journal of Marine Science, 2003, 60, 709-720.	2.5	31
45	The effects of fishing on non-target species and ecosystem structure and function.. , 2003, , 255-274.		14
46	Biological reference points for fish stocks in a multispecies context. Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 2167-2176.	1.4	110
47	Sources of variation in the age composition of sandeel landings. ICES Journal of Marine Science, 2001, 58, 842-851.	2.5	28
48	Symposium overview: incorporating ecosystem objectives within fisheries management. ICES Journal of Marine Science, 2000, 57, 468-475.	2.5	166
49	Impact of fishing on size composition and diversity of demersal fish communities. ICES Journal of Marine Science, 2000, 57, 558-571.	2.5	298
50	Using continuation-ratio logits to analyze the variation of the age composition of fish catches. Journal of Applied Statistics, 2000, 27, 303-319.	1.3	20
51	Single and multispecies reference points for Baltic fish stocks. ICES Journal of Marine Science, 1999, 56, 571-583.	2.5	94
52	Modeling environmentally driven uncertainties in Baltic cod ( <i>Gadus morhua</i> ) management by Bayesian influence diagrams. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 629-641.	1.4	105
53	Modelling the response of size and diversity spectra of fish assemblages to changes in exploitation. ICES Journal of Marine Science, 1998, 55, 362-370.	2.5	91
54	Mini-Symposium on Ecosystem Effects of Fishing, 1996 Introduction. ICES Journal of Marine Science, 1998, 55, 329.	2.5	1

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55	Patterns of change in the size spectra of numbers and diversity of the North Sea fish assemblage, as reflected in surveys and models. ICES Journal of Marine Science, 1996, 53, 1214-1225.	2.5	222
56	Ecosystem effects of fishing activities in the North Sea. Marine Pollution Bulletin, 1994, 29, 520-527.	5.0	68
57	Effect of Changes in Recruitment Levels on Multispecies Long-term Predictions. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 2315-2322.	1.4	8
58	Fishing mortality and the variation of catches: a time series approach. ICES Journal of Marine Science, 1992, 49, 425-430.	2.5	2