

# Gunnar Stefansson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3685613/publications.pdf>

Version: 2024-02-01

81  
papers

2,483  
citations

279798

23  
h-index

223800

46  
g-index

82  
all docs

82  
docs citations

82  
times ranked

2564  
citing authors

#	ARTICLE	IF	CITATIONS
1	When can marine reserves improve fisheries management?. <i>Ocean and Coastal Management</i> , 2004, 47, 197-205.	4.4	533
2	Analysis of groundfish survey abundance data: combining the GLM and delta approaches. <i>ICES Journal of Marine Science</i> , 1996, 53, 577-588.	2.5	260
3	Potential collapse of North Sea cod stocks. <i>Nature</i> , 1997, 385, 521-522.	27.8	215
4	Estimating uncertainty in fish stock assessment and forecasting. <i>Fish and Fisheries</i> , 2001, 2, 125-157.	5.3	124
5	Combining control measures for more effective management of fisheries under uncertainty: quotas, effort limitation and protected areas. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 133-146.	4.0	90
6	On Confidence Sets in Multiple Comparisons. , 1988, , 89-104.		82
7	Performance issues of Smart Transportation Management systems. <i>International Journal of Productivity and Performance Management</i> , 2008, 58, 55-70.	3.7	57
8	Spatial variation in abundance, size composition and viable egg production of spawning cod ( <i>Gadus</i> ) Tj ETQq0 0 0 rBT /Overlock 10 Tf	2.5	46
9	Icelandic Groundfish Survey Data Used to Improve Precision in Stock Assessments. <i>Journal of Northwest Atlantic Fishery Science</i> , 0, 9, 53-72.	1.4	44
10	Statistical evaluation and modelling of the stomach contents of Icelandic cod ( <i>Gadus morhua</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1997, 54, 169-181.	1.4	42
11	Applying a lean approach to identify waste in motor carrier operations. <i>International Journal of Productivity and Performance Management</i> , 2012, 62, 47-65.	3.7	42
12	Criteria for temperature alerts in cod supply chains. <i>International Journal of Physical Distribution and Logistics Management</i> , 2012, 42, 355-371.	7.4	41
13	SUPPLY CHAIN INTERFACES: DEFINING ATTRIBUTES AND ATTRIBUTE VALUES FOR COLLABORATIVE LOGISTICS MANAGEMENT. <i>Journal of Business Logistics</i> , 2008, 29, 347-359.	10.6	35
14	Bathymetric preferences of juvenile European hake ( <i>Merluccius merluccius</i> ). <i>ICES Journal of Marine Science</i> , 2008, 65, 963-969.	2.5	35
15	Points of view: A framework for multispecies modelling of Arcto-boreal systems. <i>Reviews in Fish Biology and Fisheries</i> , 1998, 8, 101-104.	4.9	33
16	Habitat preference of sea cucumbers: <i>Holothuria atra</i> and <i>Holothuria edulis</i> in the coastal waters of Sri Lanka. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 581-590.	0.8	33
17	Management of summer-spawning herring off Iceland. <i>ICES Journal of Marine Science</i> , 1999, 56, 827-833.	2.5	31
18	Analysis of cod catch data from Icelandic groundfish surveys using generalized linear models. <i>Fisheries Research</i> , 2004, 70, 195-208.	1.7	31

#	ARTICLE	IF	CITATIONS
19	Exploring Lake Victoria ecosystem functioning using the Atlantis modeling framework. <i>Environmental Modelling and Software</i> , 2016, 86, 158-167.	4.5	30
20	Definition of the problem of estimating fish abundance over an area from acoustic line-transect measurements of density. <i>ICES Journal of Marine Science</i> , 1993, 50, 369-381.	2.5	29
21	On the rational utilization of the Icelandic cod stock. <i>ICES Journal of Marine Science</i> , 1996, 53, 643-658.	2.5	28
22	Abundance and distribution of commercial sea cucumber species in the coastal waters of Sri Lanka. <i>Aquatic Living Resources</i> , 2010, 23, 303-313.	1.2	28
23	A model for categorical length data from groundfish surveys. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2004, 61, 1135-1142.	1.4	26
24	Utilization of the Icelandic Cod Stock in a Multispecies Context. <i>Marine Resource Economics</i> , 1997, 12, 329-344.	2.0	26
25	Simulation of Lake Victoria Circulation Patterns Using the Regional Ocean Modeling System (ROMS). <i>PLoS ONE</i> , 2016, 11, e0151272.	2.5	24
26	Designing marine protected areas for migrating fish stocks. <i>Journal of Fish Biology</i> , 2006, 69, 66-78.	1.6	23
27	Robustness of fish assemblages derived from three hierarchical agglomerative clustering algorithms performed on Icelandic groundfish survey data. <i>ICES Journal of Marine Science</i> , 2011, 68, 189-200.	2.5	23
28	A simple implementation of the statistical modelling framework Gadget for cod in Icelandic waters. <i>African Journal of Marine Science</i> , 2007, 29, 223-245.	1.1	22
29	On Dynamic Interactions Between Some Fish Resources and Cetaceans off Iceland Based on a Simulation Model. <i>Journal of Northwest Atlantic Fishery Science</i> , 1997, 22, 357-370.	1.4	21
30	Host-Parasite Interactions and Population Dynamics of Rock Ptarmigan. <i>PLoS ONE</i> , 2016, 11, e0165293.	2.5	18
31	End-to-end model of Icelandic waters using the Atlantis framework: Exploring system dynamics and model reliability. <i>Fisheries Research</i> , 2018, 207, 9-24.	1.7	18
32	Stock-related changes in biological parameters of the Icelandic summer-spawning herring. <i>Fisheries Oceanography</i> , 1993, 2, 260-277.	1.7	17
33	Rational harvesting of the cod-capelin-shrimp complex in the Icelandic marine ecosystem. <i>Fisheries Research</i> , 1998, 37, 7-21.	1.7	16
34	Aspects of the ecology of a Boreal system. <i>ICES Journal of Marine Science</i> , 1998, 55, 859-862.	2.5	16
35	Prediction of Lake Victoria's response to varied fishing regimes using the Atlantis ecosystem model. <i>Fisheries Research</i> , 2017, 194, 76-83.	1.7	16
36	ISSUES IN MULTISPECIES MODELS. <i>Natural Resource Modelling</i> , 2003, 16, 415-437.	2.0	15

#	ARTICLE	IF	CITATIONS
37	Access management in intermodal freight transportation: An explorative study of information attributes, actors, resources and activities. <i>Research in Transportation Business and Management</i> , 2017, 23, 106-124.	2.9	15
38	The tutor-web: An educational system for classroom presentation, evaluation and self-study. <i>Computers and Education</i> , 2004, 43, 315-343.	8.3	14
39	Reproductive biology of the commercial sea cucumber <i>Holothuria atra</i> (Holothuroidea). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Development</i> , 2010, 54, 65-76.	0.8	14
40	Understanding ontogenetic and temporal variability of Eastern Baltic cod diet using a multispecies model and stomach data. <i>Fisheries Research</i> , 2019, 211, 338-349.	1.7	14
41	Detection of a changepoint, a mean-shift accompanied with a trend change, in short time-series with autocorrelation. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 5808-5818.	1.2	13
42	Automatic information exchange between interoperable information systems: Potential improvement of access management in a seaport terminal. <i>Research in Transportation Business and Management</i> , 2020, 35, 100429.	2.9	13
43	Present status of the commercial sea cucumber fishery off the north-west and east coasts of Sri Lanka. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 831-841.	0.8	12
44	A Method for Detecting Long Non-Coding RNAs with Tiled RNA Expression Microarrays. <i>PLoS ONE</i> , 2014, 9, e99899.	2.5	12
45	Ecosystem models of Lake Victoria (East Africa): Can Ecopath with Ecosim and Atlantis predict similar policy outcomes?. <i>Journal of Great Lakes Research</i> , 2019, 45, 1260-1273.	1.9	12
46	On the use of tagging data in statistical multispecies multi-area models of marine populations. <i>ICES Journal of Marine Science</i> , 2008, 65, 1762-1772.	2.5	11
47	Spatial and temporal trends of contaminants in mussel sampled around the Icelandic coastline. <i>Science of the Total Environment</i> , 2013, 454-455, 500-509.	8.0	11
48	A bootstrap method for estimating bias and variance in statistical fisheries modelling frameworks using highly disparate datasets. <i>African Journal of Marine Science</i> , 2014, 36, 99-110.	1.1	10
49	Temporal trends of contaminants in cod from Icelandic waters. <i>Science of the Total Environment</i> , 2014, 476-477, 181-188.	8.0	10
50	Ecosystem modelling of data-limited fisheries: How reliable are Ecopath with Ecosim models without historical time series fitting?. <i>Journal of Great Lakes Research</i> , 2020, 46, 414-428.	1.9	10
51	Difference in Learning Among Students Doing Pen-and-Paper Homework Compared to Web-Based Homework in an Introductory Statistics Course. <i>Journal of Statistics Education</i> , 2017, 25, 12-20.	1.4	9
52	Comparing Different Information Sources in a Multispecies Context. , 1998, , 741-758.		9
53	A Camera-Based Autonomous Underwater Vehicle Sampling Approach to Quantify Scallop Abundance. <i>Journal of Shellfish Research</i> , 2013, 32, 725.	0.9	8
54	A Small-Scale Comparison of Iceland Scallop Size Distributions Obtained from a Camera Based Autonomous Underwater Vehicle and Dredge Survey. <i>PLoS ONE</i> , 2014, 9, e109369.	2.5	8

#	ARTICLE	IF	CITATIONS
55	Growth and Maturation of Haddock ( <i>Melanogrammus aeglefinus</i> ) in Icelandic Waters. <i>Journal of Northwest Atlantic Fishery Science</i> , 1999, 25, 101-114.	1.4	8
56	From evaluation to learning: Some aspects of designing a cyber-university. <i>Computers and Education</i> , 2014, 78, 344-351.	8.3	7
57	Evaluating the effectiveness of real-time closures for reducing susceptibility of small fish to capture. <i>ICES Journal of Marine Science</i> , 2018, 75, 298-308.	2.5	7
58	Examining the importance of consistency in multi-vessel trawl survey design based on the U.S. west coast groundfish bottom trawl survey. <i>Fisheries Research</i> , 2004, 70, 239-250.	1.7	6
59	The relationship between parasites and spleen and bursa mass in the Icelandic Rock Ptarmigan <i>Lagopus muta</i> . <i>Journal of Ornithology</i> , 2015, 156, 429-440.	1.1	6
60	Evaluation of ptarmigan management with a population reconstruction model. <i>Journal of Wildlife Management</i> , 2018, 82, 958-965.	1.8	6
61	Simulating trade-offs between socio-economic and conservation objectives for Lake Victoria (East) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	6
62	Decimals in data values. <i>Acta Ophthalmologica</i> , 2006, 84, 449-450.	0.3	5
63	First implementation of a Gadget model for the analysis of hake in the Mediterranean. <i>Fisheries Research</i> , 2011, 107, 75-83.	1.7	5
64	A Case Study of Sampling Strategies for Estimating the Length Composition of Commercial Catches: The Sri Lankan Shrimp Trawl Fishery. <i>Crustaceana</i> , 2011, 84, 1581-1591.	0.3	5
65	Differentiation of access management services at seaport terminals: Facilitating potential improvements for road hauliers. <i>Journal of Transport Geography</i> , 2018, 70, 256-264.	5.0	5
66	Spatiotemporal variation in fishing patterns and fishing pressure in Lake Victoria (East Africa) in relation to balanced harvest. <i>Fisheries Research</i> , 2022, 252, 106355.	1.7	5
67	Aspects of both growth and selectivity affect growth parameter estimation bias. <i>Fisheries Research</i> , 2019, 212, 154-161.	1.7	4
68	Multi-species and ecosystem models in a management context.. , 2003, , 171-188.		4
69	Feather holes of rock ptarmigan are associated with amblyceran chewing lice. <i>Wildlife Biology</i> , 2017, , wlb.00255.	1.4	3
70	Comparison and evaluation of approaches aimed at correcting or reducing selectivity bias in growth parameter estimates for fishes. <i>Fisheries Research</i> , 2020, 225, 105464.	1.7	3
71	Using real data for statistics education in an open-source learning environment. <i>Teaching Statistics</i> , 2021, 43, 5-12.	0.9	3
72	Statistical evaluation and modelling of the stomach contents of Icelandic cod &lt;l&gt;(Gadus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.4	3

#	ARTICLE	IF	CITATIONS
73	A competitive coevolution scheme inspired by DE. , 2014, , .		2
74	Drivers of growth for Atlantic cod ( <i>Gadus morhua</i> L.) in Icelandic waters – A Bayesian approach to determine spatiotemporal variation and its causes. <i>Journal of Fish Biology</i> , 2019, 95, 401-410.	1.6	2
75	From Smileys to Smileycoins: Using a Cryptocurrency in Education. <i>Ledger</i> , 0, 2, 38-54.	0.0	2
76	Optimized Sampling Strategies for Identifying Modes in Length-frequency Distributions. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016, 45, 2874-2887.	1.2	1
77	IDENTIFYING ROTE LEARNING AND THE SUPPORTING EFFECTS OF HINTS IN DRILLS. <i>INTED Proceedings</i> , 2021, , .	0.0	1
78	The effect of SNPs on expression levels in Nimblegen RNA expression microarrays. <i>International Journal of Data Mining and Bioinformatics</i> , 2015, 12, 1.	0.1	0
79	LEARNING AND EVALUATION WITHOUT ACCESS TO SCHOOLS DURING COVID-19. , 2021, , .		0
80	EVIDENCE-BASED TECHNOLOGY TO ENHANCE MATHEMATICS EDUCATION FROM ICELAND TO KENYA. <i>INTED Proceedings</i> , 2017, , .	0.0	0
81	MATHEMATICS AND INCENTIVES IN THE SLUMS. <i>INTED Proceedings</i> , 2022, , .	0.0	0