Gunnar Stefansson

List of Publications by Year
in descending order

81	2,483	279798	223800
papers	citations	23 h-index	46 g-index

82	82	82	2564
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MATHEMATICS AND INCENTIVES IN THE SLUMS. INTED Proceedings, 2022, , .	0.0	0
2	Spatiotemporal variation in fishing patterns and fishing pressure in Lake Victoria (East Africa) in relation to balanced harvest. Fisheries Research, 2022, 252, 106355.	1.7	5
3	Using real data for statistics education in an openâ€source learning environment. Teaching Statistics, 2021, 43, 5-12.	0.9	3
4	IDENTIFYING ROTE LEARNING AND THE SUPPORTING EFFECTS OF HINTS IN DRILLS. INTED Proceedings, 2021, , .	0.0	1
5	LEARNING AND EVALUATION WITHOUT ACCESS TO SCHOOLS DURING COVID-19. , 2021, , .		0
6	Ecosystem modelling of data-limited fisheries: How reliable are Ecopath with Ecosim models without historical time series fitting?. Journal of Great Lakes Research, 2020, 46, 414-428.	1.9	10
7	Comparison and evaluation of approaches aimed at correcting or reducing selectivity bias in growth parameter estimates for fishes. Fisheries Research, 2020, 225, 105464.	1.7	3
8	Automatic information exchange between interoperable information systems: Potential improvement of access management in a seaport terminal. Research in Transportation Business and Management, 2020, 35, 100429.	2.9	13
9	Simulating trade-offs between socio-economic and conservation objectives for Lake Victoria (East) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	6
10	Ecosystem models of Lake Victoria (East Africa): Can Ecopath with Ecosim and Atlantis predict similar policy outcomes?. Journal of Great Lakes Research, 2019, 45, 1260-1273.	1.9	12
11	Drivers of growth for Atlantic cod (Gadus morhua L.) in Icelandic waters â€“ A Bayesian approach to determine spatiotemporal variation and its causes. Journal of Fish Biology, 2019, 95, 401-410.	1.6	2
12	Understanding ontogenetic and temporal variability of Eastern Baltic cod diet using a multispecies model and stomach data. Fisheries Research, 2019, 211, 338-349.	1.7	14
13	Aspects of both growth and selectivity affect growth parameter estimation bias. Fisheries Research, 2019, 212, 154-161.	1.7	4
14	Evaluating the effectiveness of real-time closures for reducing susceptibility of small fish to capture. ICES Journal of Marine Science, 2018, 75, 298-308.	2.5	7
15	Evaluation of ptarmigan management with a population reconstruction model. Journal of Wildlife Management, 2018, 82, 958-965.	1.8	6
16	Differentiation of access management services at seaport terminals: Facilitating potential improvements for road hauliers. Journal of Transport Geography, 2018, 70, 256-264.	5.0	5
17	End-to-end model of Icelandic waters using the Atlantis framework: Exploring system dynamics and model reliability. Fisheries Research, 2018, 207, 9-24.	1.7	18
18	Access management in intermodal freight transportation: An explorative study of information attributes, actors, resources and activities. Research in Transportation Business and Management, 2017, 23, 106-124.	2.9	15

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19	Detection of a changepoint, a mean-shift accompanied with a trend change, in short time-series with autocorrelation. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 5808-5818.	1.2	13
20	Feather holes of rock ptarmigan are associated with amblyceran chewing lice. Wildlife Biology, 2017, , wlb.00255.	1.4	3
21	Prediction of Lake Victoria's response to varied fishing regimes using the Atlantis ecosystem model. Fisheries Research, 2017, 194, 76-83.	1.7	16
22	Difference in Learning Among Students Doing Pen-and-Paper Homework Compared to Web-Based Homework in an Introductory Statistics Course. Journal of Statistics Education, 2017, 25, 12-20.	1.4	9
23	EVIDENCE-BASED TECHNOLOGY TO ENHANCE MATHEMATICS EDUCATION FROM ICELAND TO KENYA. INTED Proceedings, 2017, , .	0.0	0
24	Host-Parasite Interactions and Population Dynamics of Rock Ptarmigan. PLoS ONE, 2016, 11, e0165293.	2.5	18
25	Exploring Lake Victoria ecosystem functioning using the Atlantis modeling framework. Environmental Modelling and Software, 2016, 86, 158-167.	4.5	30
26	Optimized Sampling Strategies for Identifying Modes in Length-frequency Distributions. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 2874-2887.	1.2	1
27	Simulation of Lake Victoria Circulation Patterns Using the Regional Ocean Modeling System (ROMS). PLoS ONE, 2016, 11, e0151272.	2.5	24
28	The effect of SNPs on expression levels in Nimblegen RNA expression microarrays. International Journal of Data Mining and Bioinformatics, 2015, 12, 1.	0.1	0
29	The relationship between parasites and spleen and bursa mass in the Icelandic Rock Ptarmigan Lagopus muta. Journal of Ornithology, 2015, 156, 429-440.	1.1	6
30	A Method for Detecting Long Non-Coding RNAs with Tiled RNA Expression Microarrays. PLoS ONE, 2014, 9, e99899.	2.5	12
31	A Small-Scale Comparison of Iceland Scallop Size Distributions Obtained from a Camera Based Autonomous Underwater Vehicle and Dredge Survey. PLoS ONE, 2014, 9, e109369.	2.5	8
32	From evaluation to learning: Some aspects of designing a cyber-university. Computers and Education, 2014, 78, 344-351.	8.3	7
33	A competitive coevolution scheme inspired by DE. , 2014, , .		2
34	A bootstrap method for estimating bias and variance in statistical fisheries modelling frameworks using highly disparate datasets. African Journal of Marine Science, 2014, 36, 99-110.	1.1	10
35	Temporal trends of contaminants in cod from Icelandic waters. Science of the Total Environment, 2014, 476-477, 181-188.	8.0	10
36	A Camera-Based Autonomous Underwater Vehicle Sampling Approach to Quantify Scallop Abundance. Journal of Shellfish Research, 2013, 32, 725.	0.9	8

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37	Spatial and temporal trends of contaminants in mussel sampled around the Icelandic coastline. Science of the Total Environment, 2013, 454-455, 500-509.	8.0	11
38	Criteria for temperature alerts in cod supply chains. International Journal of Physical Distribution and Logistics Management, 2012, 42, 355-371.	7.4	41
39	Applying a lean approach to identify waste in motor carrier operations. International Journal of Productivity and Performance Management, 2012, 62, 47-65.	3.7	42
40	Habitat preference of sea cucumbers:Holothuria atraandHolothuria edulisin the coastal waters of Sri Lanka. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 581-590.	0.8	33
41	Present status of the commercial sea cucumber fishery off the north-west and east coasts of Sri Lanka. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 831-841.	0.8	12
42	First implementation of a Gadget model for the analysis of hake in the Mediterranean. Fisheries Research, 2011, 107, 75-83.	1.7	5
43	A Case Study of Sampling Strategies for Estimating the Length Composition of Commercial Catches: The Sri Lankan Shrimp Trawl Fishery. Crustaceana, 2011, 84, 1581-1591.	0.3	5
44	Robustness of fish assemblages derived from three hierarchical agglomerative clustering algorithms performed on Icelandic groundfish survey data. ICES Journal of Marine Science, 2011, 68, 189-200.	2.5	23
45	Reproductive biology of the commercial sea cucumberHolothuria atra(Holothuroidea:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Development, 2010, 54, 65-76.	0.8	14
46	Abundance and distribution of commercial sea cucumber species in the coastal waters of Sri Lanka. Aquatic Living Resources, 2010, 23, 303-313.	1.2	28
47	SUPPLY CHAIN INTERFACES: DEFINING ATTRIBUTES AND ATTRIBUTE VALUES FOR COLLABORATIVE LOGISTICS MANAGEMENT. Journal of Business Logistics, 2008, 29, 347-359.	10.6	35
48	Bathymetric preferences of juvenile European hake (Merluccius merluccius). ICES Journal of Marine Science, 2008, 65, 963-969.	2.5	35
49	Performance issues of Smart Transportation Management systems. International Journal of Productivity and Performance Management, 2008, 58, 55-70.	3.7	57
50	On the use of tagging data in statistical multispecies multi-area models of marine populations. ICES Journal of Marine Science, 2008, 65, 1762-1772.	2.5	11
51	A simple implementation of the statistical modelling framework Gadget for cod in Icelandic waters. African Journal of Marine Science, 2007, 29, 223-245.	1.1	22
52	Designing marine protected areas for migrating fish stocks. Journal of Fish Biology, 2006, 69, 66-78.	1.6	23
53	Decimals in data values. Acta Ophthalmologica, 2006, 84, 449-450.	0.3	5
54	Combining control measures for more effective management of fisheries under uncertainty: quotas, effort limitation and protected areas. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 133-146.	4.0	90

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55	When can marine reserves improve fisheries management?. Ocean and Coastal Management, 2004, 47, 197-205.	4.4	533
56	A model for categorical length data from groundfish surveys. Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 1135-1142.	1.4	26
57	The tutor-web: An educational system for classroom presentation, evaluation and self-study. Computers and Education, 2004, 43, 315-343.	8.3	14
58	Analysis of cod catch data from Icelandic groundfish surveys using generalized linear models. Fisheries Research, 2004, 70, 195-208.	1.7	31
59	Examining the importance of consistency in multi-vessel trawl survey design based on the U.S. west coast groundfish bottom trawl survey. Fisheries Research, 2004, 70, 239-250.	1.7	6
60	ISSUES IN MULTISPECIES MODELS. Natural Resource Modelling, 2003, 16, 415-437.	2.0	15
61	Multi-species and ecosystem models in a management context.. , 2003, , 171-188.		4
62	Estimating uncertainty in fish stock assessment and forecasting. Fish and Fisheries, 2001, 2, 125-157.	5.3	124
63	Spatial variation in abundance, size composition and viable egg production of spawning cod (Gadus) Tj ETQq1 1 0.784314 rgBT /Over	2.5	46
64	Management of summer-spawning herring off Iceland. ICES Journal of Marine Science, 1999, 56, 827-833.	2.5	31
65	Growth and Maturation of Haddock (Melanogrammus aeglefinus) in Icelandic Waters. Journal of Northwest Atlantic Fishery Science, 1999, 25, 101-114.	1.4	8
66	Points of view: A framework for multispecies modelling of Arcto-boreal systems. Reviews in Fish Biology and Fisheries, 1998, 8, 101-104.	4.9	33
67	Rational harvesting of the codâ€“capelinâ€“shrimp complex in the Icelandic marine ecosystem. Fisheries Research, 1998, 37, 7-21.	1.7	16
68	Aspects of the ecology of a Boreal system. ICES Journal of Marine Science, 1998, 55, 859-862.	2.5	16
69	Comparing Different Information Sources in a Multispecies Context. , 1998, , 741-758.		9
70	Statistical evaluation and modelling of the stomach contents of Icelandic cod (Gadus morhua). Canadian Journal of Fisheries and Aquatic Sciences, 1997, 54, 169-181.	1.4	42
71	Potential collapse of North Sea cod stocks. Nature, 1997, 385, 521-522.	27.8	215
72	Utilization of the Icelandic Cod Stock in a Multispecies Context. Marine Resource Economics, 1997, 12, 329-344.	2.0	26

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73	Statistical evaluation and modelling of the stomach contents of Icelandic cod <I>(Gadus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.4	3
74	On Dynamic Interactions Between Some Fish Resources and Cetaceans off Iceland Based on a Simulation Model. Journal of Northwest Atlantic Fishery Science, 1997, 22, 357-370.	1.4	21
75	Analysis of groundfish survey abundance data: combining the GLM and delta approaches. ICES Journal of Marine Science, 1996, 53, 577-588.	2.5	260
76	On the rational utilization of the Icelandic cod stock. ICES Journal of Marine Science, 1996, 53, 643-658.	2.5	28
77	Stock'related changes in biological parameters of the Icelandic summer'Spawning herring. Fisheries Oceanography, 1993, 2, 260-277.	1.7	17
78	Definition of the problem of estimating fish abundance over an area from acoustic line-transect measurements of density. ICES Journal of Marine Science, 1993, 50, 369-381.	2.5	29
79	On Confidence Sets in Multiple Comparisons. , 1988, , 89-104.		82
80	Icelandic Groundfish Survey Data Used to Improve Precision in Stock Assessments. Journal of Northwest Atlantic Fishery Science, 0, 9, 53-72.	1.4	44
81	From Smileys to Smileycoins: Using a Cryptocurrency in Education. Ledger, 0, 2, 38-54.	0.0	2