Geir Huse

List of Publications by Year
in descending order

54 papers	4,614 citations	186265 28 h-index	182427 51 g-index
57 all docs	57 docs citations	57 times ranked	5472 citing authors

#	Article	IF	Citations
1	Highly mixed impacts of near‐future climate change on stock productivity proxies in the North East Atlantic. Fish and Fisheries, 2022, 23, 601-615.	5.3	24
2	Evaluating acoustic-trawl survey strategies using an end-to-end ecosystem model. ICES Journal of Marine Science, 2020, 77, 2590-2599.	2.5	3
3	Structure and functioning of four North Atlantic ecosystems - A comparative study. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 180, 104838.	1.4	3
4	Fine-scale observations of physical and biological environment along a herring feeding migration route. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 180, 104845.	1.4	3
5	Changing how we approach fisheries: A first attempt at an operational framework for ecosystem approaches to fisheries management. Fish and Fisheries, 2020, 21, 393-434.	5.3	46
6	Can collective memories shape fish distributions? A test, linking space‐time occurrence models and population demographics. Ecography, 2018, 41, 938-957.	4.5	11
7	Opportunities for advancing ecosystem-based management in a rapidly changing, high latitude ecosystem. ICES Journal of Marine Science, 2018, 75, 2425-2433.	2.5	21
8	Bioenergetics modeling of the annual consumption of zooplankton by pelagic fish feeding in the Northeast Atlantic. PLoS ONE, 2018, 13, e0190345.	2.5	25
9	A spatial approach to understanding herring population dynamics. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 177-188.	1.4	21
10	Ecosystem processes are rarely included in tactical fisheries management. Fish and Fisheries, 2016, 17, 165-175.	5.3	220
11	Feeding strategy of mackerel in the Norwegian Sea relative to currents, temperature, and prey. ICES Journal of Marine Science, 2016, 73, 1127-1137.	2.5	34
12	Marine ecosystem acoustics (MEA): quantifying processes in the sea at the spatio-temporal scales on which they occur. ICES Journal of Marine Science, 2014, 71, 2357-2369.	2.5	47
13	Challenges in integrative approaches to modelling the marine ecosystems of the North Atlantic: Physics to fish and coasts to ocean. Progress in Oceanography, 2014, 129, 285-313.	3.2	58
14	Towards an acoustic‐based coupled observation and modelling system for monitoring and predicting ecosystem dynamics of the open ocean. Fish and Fisheries, 2013, 14, 605-615.	5.3	66
15	Effects of interactions between fish populations on ecosystem dynamics in the Norwegian Sea â€" results of the INFERNO project. Marine Biology Research, 2012, 8, 415-419.	0.7	59
16	Horizontal distribution and overlap of planktivorous fish stocks in the Norwegian Sea during summers 1995â€"2006. Marine Biology Research, 2012, 8, 420-441.	0.7	73
17	Modelling secondary production in the Norwegian Sea with a fully coupled physical/primary production/individual-based *Calanus finmarchicus* model system. Marine Biology Research, 2012, 8, 508-526.	0.7	63
18	Estimating the consumption of *Calanus finmarchicus* by planktivorous fish in the Norwegian Sea using a fully coupled 3D model system. Marine Biology Research, 2012, 8, 527-547.	0.7	61

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19	Using RAFOS floats to simulate overwinter transport of *Calanus finmarchicus* in the Norwegian Sea. Marine Biology Research, 2012, 8, 502-507.	0.7	6
20	Vertical distribution of herring and blue whiting in the Norwegian Sea. Marine Biology Research, 2012, 8, 488-501.	0.7	20
21	Estimating the horizontal and temporal overlap of pelagic fish distribution in the Norwegian Sea using individual-based modelling. Marine Biology Research, 2012, 8, 548-567.	0.7	23
22	Real-Time Ichthyoplankton Drift in Northeast Arctic Cod and Norwegian Spring-Spawning Herring. PLoS ONE, 2011, 6, e27367.	2.5	26
23	Modelling encounter rates and distribution of mobile predators and prey. Progress in Oceanography, 2010, 84, 93-104.	3.2	41
24	The importance of predator–prey overlap: predicting North Sea cod recovery with a multispecies assessment model. ICES Journal of Marine Science, 2010, 67, 1989-1997.	2.5	29
25	Stock collapses and their recovery: mechanisms that establish and maintain life-cycle closure in space and time. ICES Journal of Marine Science, 2010, 67, 1841-1848.	2.5	113
26	End‐To‐End Models for the Analysis of Marine Ecosystems: Challenges, Issues, and Next Steps. Marine and Coastal Fisheries, 2010, 2, 115-130.	1.4	202
27	Modeling growth of larval cod (Gadus morhua) in large-scale seasonal and latitudinal environmental gradients. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2001-2011.	1.4	23
28	Capelin migrations and climate change – a modelling analysis. Climatic Change, 2008, 87, 177-197.	3.6	65
29	Potential impact of climate change on ecosystems of the Barents Sea Region. Climatic Change, 2008, 87, 283-303.	3.6	33
30	Indications of a negative impact of herring on recruitment of Norway pout. ICES Journal of Marine Science, 2008, 65, 906-911.	2.5	16
31	An ecosystem modeling approach to predicting cod recruitment. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 2810-2821.	1.4	21
32	Vertical migration in adult Atlantic cod (*Gadus morhua*). Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 1747-1760.	1.4	31
33	Introducing a method for extracting horizontal migration patterns from data storage tags. Hydrobiologia, 2007, 582, 187-197.	2.0	10
34	Introducing a method for extracting horizontal migration patterns from data storage tags. , 2007, , 187-197.		0
35	A standard protocol for describing individual-based and agent-based models. Ecological Modelling, 2006, 198, 115-126.	2.5	2,219
36	Modelling buoyancy regulation in fishes with swimbladders: bioenergetics and behaviour. Ecological Modelling, 2005, 185, 309-327.	2.5	75

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37	Variability in retention of Calanus finmarchicus in the Nordic Seas. ICES Journal of Marine Science, 2005, 62, 1301-1309.	2.5	30
38	Studying spatial and trophic interactions between capelin and cod using individual-based modelling. ICES Journal of Marine Science, 2004, 61, 1201-1213.	2.5	35
39	Simulating search behaviour of fish towards bait. ICES Journal of Marine Science, 2004, 61, 1224-1232.	2.5	21
40	Forecasting recruitment and stock biomass of Northeast Arctic cod using neural networks. Scientia Marina, 2003, 67, 325-335.	0.6	24
41	Utilizing Different Levels of Adaptation in Individual-Based Modeling. , 2003, , 507-521.		0
42	Artificial Evolution of Life History and Behavior. American Naturalist, 2002, 159, 624-644.	2.1	89
43	Spatial modelling for marine resource management, with a focus on fish. Sarsia, 2001, 86, 405-410.	0.5	9
44	Modelling habitat choice in fish using adapted random walk. Sarsia, 2001, 86, 477-483.	0.5	30
45	Juvenile herring prey on Barents Sea capelin larvae. Sarsia, 2000, 85, 385-391.	0.5	40
46	Implementing behaviour in individual-based models using neural networks and genetic algorithms. Evolutionary Ecology, 1999, 13, 469-483.	1.2	82
47	A length-based hypothesis for feeding migrations in pelagic fish. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 26-34.	1.4	106
48	A neural network approach for predicting stock abundance of the Barents Sea capelin. Sarsia, 1999, 84, 457-464.	0.5	12
49	Modelling spatial dynamics of fish. Reviews in Fish Biology and Fisheries, 1998, 8, 57-91.	4.9	105
50	Ecology in Mare Pentium: an individual-based spatio-temporal model for fish with adapted behaviour. Fisheries Research, 1998, 37, 163-178.	1.7	86
51	Sex-specific life history strategies in capelin (*Mallotus villosus*)?. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 631-638.	1.4	36
52	A comparative study of the feeding habits of herring (clupea harengus, clupeidae, 1.) and capelin (mallotus villosus, osmeridae, mÃ¼ller) in the barents sea. Sarsia, 1996, 81, 143-153.	0.5	54
53	Modeling Emergent Life Histories of Copepods. Frontiers in Ecology and Evolution, 0, 6, .	2.2	12
54	Individual-Based Models. , 0, , 228-248.		13