

Torstein Pedersen

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,310
citations

361045

20
h-index

395343

33
g-index

66
all docs

66
docs citations

66
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	The enhancement of cod stocks. <i>Fish and Fisheries</i> , 2000, 1, 173-205.	2.7	146
2	Growth rates of large, sexually mature cod <i>Gadus morhua</i> , in relation to condition and temperature during an annual cycle. <i>Aquaculture</i> , 1989, 81, 161-168.	1.7	117
3	Morphological changes during metamorphosis in cod (<i>Gadus morhua</i> L.), with particular reference to the development of the stomach and pyloric caeca. <i>Journal of Fish Biology</i> , 1992, 41, 449-461.	0.7	77
4	Trophic studies in a high-latitude fjord ecosystem – a comparison of stable isotope analyses ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) in fish and invertebrates. <i>Marine Ecology - Progress Series</i> , 2008, 65, 2791-2806.	0.7	62
5	The influence of dietary lipid classes on the fatty acid composition of small cod <i>Gadus morhua</i> L. juveniles reared in an enclosure in northern Norway. <i>Journal of Experimental Marine Biology and Ecology</i> , 1991, 148, 59-76.	0.7	56
6	Diet of 0-group stages of capelin (<i>Mallotus villosus</i>), herring (<i>Clupea harengus</i>) and cod (<i>Gadus morhua</i>) in a high-latitude fjord ecosystem. <i>Marine Ecology - Progress Series</i> , 2006, 321, 67-77.	0.7	41
7	Can multitrophic interactions and ocean warming influence large-scale kelp recovery?. <i>Ecology and Evolution</i> , 2019, 9, 2847-2862.	0.8	39
8	Effects of predation from juvenile herring (<i>Clupea harengus</i>) on mortality rates of capelin (<i>Mallotus villosus</i>) larvae. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 1693-1706.	0.7	35
9	Predation on early life stages is decisive for year-class strength in the Barents Sea capelin (<i>Mallotus villosus</i>) stock. <i>ICES Journal of Marine Science</i> , 2016, 73, 182-195.	1.2	34
10	Macrobenthic biomass, productivity (P/B) and production in a high-latitude ecosystem, North Norway. <i>Marine Ecology - Progress Series</i> , 2006, 321, 67-77.	0.9	33
11	Settling-depth vs. genotype and size vs. genotype correlations at the Pan I locus in 0-group Atlantic cod <i>Gadus morhua</i> . <i>Marine Ecology - Progress Series</i> , 2012, 468, 267-278.	0.9	29
12	Variability in recruitment, growth and sexual maturity of coastal cod (<i>Gadus morhua</i> L.) in a fjord system in northern Norway. <i>Fisheries Research</i> , 2001, 52, 179-189.	0.9	28
13	Seasonal dynamics of meroplankton in a high-latitude fjord. <i>Journal of Marine Systems</i> , 2017, 168, 17-30.	0.9	28
14	Life-history genomic regions explain differences in Atlantic salmon marine diet specialization. <i>Journal of Animal Ecology</i> , 2020, 89, 2677-2691.	1.3	28
15	Effects of alternative prey on predation intensity from herring <i>Clupea harengus</i> and sandeel <i>Ammodytes marinus</i> on capelin <i>Mallotus villosus</i> larvae in the Barents Sea. <i>Journal of Fish Biology</i> , 2006, 69, 1807-1823.	0.7	27
16	Trophic model of a lightly exploited cod-dominated ecosystem. <i>Ecological Modelling</i> , 2008, 214, 95-111.	1.2	25
17	Catching cod for tagging experiments. <i>Fisheries Research</i> , 1999, 42, 57-66.	0.9	23
18	Macrobenthic biomass and production in a heterogenic subarctic fjord after invasion by the red king crab. <i>Journal of Sea Research</i> , 2015, 106, 1-13.	0.6	23

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19	The impact of marine fish predation on Atlantic salmon smolts (<i>Salmo salar</i>) in the Tana estuary, North Norway, in the presence of an alternative prey, lesser sandeel (<i>Ammodytes marinus</i>). <i>Fisheries Research</i> , 2005, 76, 466-474.	0.9	22
20	Optimal foraging in chick-raising Common Guillemots (<i>Uria aalge</i>). <i>Journal of Ornithology</i> , 2011, 152, 253-259.	0.5	22
21	Trophic niche of the invasive red king crab <i>Paralithodes camtschaticus</i> in a benthic food web. <i>Marine Ecology - Progress Series</i> , 2017, 565, 113-129.	0.9	22
22	Effects of the invasive red king crab on food web structure and ecosystem properties in an Atlantic fjord. <i>Marine Ecology - Progress Series</i> , 2018, 596, 13-31.	0.9	22
23	Effect of parent type and temperature on vertebrae number in juvenile cod, <i>Gadus morhua</i> (L.), in Northern Norway. <i>Sarsia</i> , 1996, 80, 294-298.	0.5	19
24	Foraging strategies of Great Cormorants <i>Phalacrocorax carbo carbo</i> wintering north of the Arctic Circle. <i>Bird Study</i> , 2001, 48, 59-67.	0.4	19
25	How can the stock recruitment relationship of the Barents Sea capelin (<i>Mallotus villosus</i>) be improved by incorporating biotic and abiotic factors?. <i>Polar Research</i> , 2004, 23, 19-26.	1.6	19
26	Effects of predation from pelagic 0-group cod (<i>Gadus morhua</i>) on mortality rates of capelin (<i>Mallotus villosus</i>) larvae in the Barents Sea. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1710-1722.	0.7	19
27	Kelp-carbon uptake by Arctic deep-sea food webs plays a noticeable role in maintaining ecosystem structural and functional traits. <i>Journal of Marine Systems</i> , 2020, 203, 103268.	0.9	19
28	Estimation of digestion rates for herring <i>Clupea harengus</i> L. feeding on fish larvae. <i>Journal of Fish Biology</i> , 2007, 70, 638-643.	0.7	18
29	Invasive red king crab affects lump sucker recruitment by egg consumption. <i>Marine Ecology - Progress Series</i> , 2012, 469, 87-99.	0.9	16
30	Goosander predation and its potential impact on Atlantic salmon smolts in the River Tana estuary, northern Norway. <i>Journal of Fish Biology</i> , 2005, 66, 924-937.	0.7	15
31	Effects of growth rates on the otolith increments deposition rate in capelin larvae (<i>Mallotus</i>) Tj ETQq1 1 0.784314 rrgBT / Overlock 10 0,7 15	0.7	15
32	Overexploitation, Recovery, and Warming of the Barents Sea Ecosystem During 1950â€“2013. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	15
33	Sexual and geographical variation in life history parameters of the shorthorn sculpin. <i>Journal of Fish Biology</i> , 2002, 61, 1453-1464.	0.7	14
34	Marking cod (<i>Gadus morhua</i> L.) juveniles with oxytetracycline incorporated into the feed. <i>Fisheries Research</i> , 1991, 12, 57-64.	0.9	13
35	Comparing pristine and depleted ecosystems: The SÅrfjord, Norway versus the Gulf of St. Lawrence, Canada. <i>Effects of intense fisheries on marine ecosystems. Progress in Oceanography</i> , 2009, 81, 174-187.	1.5	13
36	Diet, growth and early survival of Atlantic Puffin (<i>Fratercula arctica</i>) chicks in North Norway. <i>Waterbirds</i> , 2008, 31, 107-114.	0.2	12

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37	Species diversity affects ecosystem structure and mass flows in fjords. <i>Regional Studies in Marine Science</i> , 2016, 3, 205-215.	0.4	12
38	Migration, growth and mortality of released reared and wild cod (<i>Gadus morhua</i> L.) in Malangen, northern Norway. <i>Sarsia</i> , 2002, 87, 97-109.	0.5	11
39	How may feeding data be integrated into a model for a Norwegian fjord population of cod (<i>Gadus morhua</i>)? <i>Overfishing and the Future of the World's Fisheries</i> , 2011, 1, 1-11.	0.3	11
40	Age and growth of anglerfish (<i>Lophius piscatorius</i>) in Faroese waters. <i>Fisheries Research</i> , 2013, 139, 51-60.	0.9	9
41	Integrating spatial and temporal mortality from herring on capelin larvae: a study in the Barents Sea. <i>ICES Journal of Marine Science</i> , 2009, 66, 2183-2194.	1.2	8
42	Advection and retention as life trait modulators of capelin larvae: A case study from the Norwegian coast and the Barents Sea. <i>Fisheries Research</i> , 2009, 97, 234-242.	0.9	8
43	Sampling and a mortality model of a Norwegian fjord cod (<i>Gadus morhua</i> L.) population. <i>Fisheries Research</i> , 2003, 63, 1-20.	0.9	7
44	Prey partitioning between cod (<i>Gadus morhua</i>) and minke whale (<i>Balaenoptera acutorostrata</i>) in the Barents Sea. <i>Marine Biology Research</i> , 2006, 2, 89-99.	0.3	7
45	Spatial Scales of Movement in Northeast Atlantic Coastal Cod. <i>Reviews in Fisheries Science</i> , 2008, 16, 348-356.	2.1	7
46	Food resource partitioning between three sympatric fish species in Porsangerfjord, Norway. <i>Polar Biology</i> , 2015, 38, 583-589.	0.5	7
47	Ontogenetic niche changes in haddock <i>Melanogrammus aeglefinus</i> reflected by stable isotope signatures, $\delta^{13}C$ and $\delta^{15}N$. <i>Marine Ecology - Progress Series</i> , 2012, 451, 175-185.	0.9	6
48	Are life histories of Norwegian fjord herring populations of Pacific ancestry similar to those of Atlantic or Pacific herring?. <i>Journal of Marine Systems</i> , 2018, 180, 237-245.	0.9	5
49	Future trajectories of change for an Arctic deep-sea ecosystem connected to coastal kelp forests. <i>Restoration Ecology</i> , 2021, 29, e13327.	1.4	5
50	Community structure of deep fjord and shelf benthic fauna receiving different detrital kelp inputs in northern Norway. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 168, 103433.	0.6	5
51	Extreme male-skewed sex ratios on spawning grounds for Atlantic cod <i>Gadus morhua</i> with typical coastal cod signatures of the Pan I (pantophysin) locus. <i>Aquatic Biology</i> , 2015, 1, 133-142.	0.5	5
52	A 27-year study of brown trout population dynamics and exploitation in Lake Songsj�en, central Norway. <i>Journal of Fish Biology</i> , 2000, 57, 1227-1244.	0.7	5
53	Spatial patterns of spring meroplankton along environmental gradients in a sub-Arctic fjord. <i>Aquatic Biology</i> , 2017, 26, 185-197.	0.5	5
54	Comparison Between Trophic Positions in the Barents Sea Estimated From Stable Isotope Data and a Mass Balance Model. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	5

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55	Predation mortality from ambush and cruising predators on newly-settled 0-group gadoids. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 529, 151396.	0.7	3
56	Synergism between cruising cod and ambush sculpin predators on 0-group gadoids is modified by daylight cycle and presence of aggressive wolffish. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 526, 151356.	0.7	3
57	Temporal and spatial dynamics of the invasive red king crab and native brachyuran and anomuran larvae in Norwegian waters. <i>Aquatic Biology</i> , 2020, 29, 1-16.	0.5	3
58	Invasive red king crabs feed on both spawned-out capelin and their eggs. <i>Marine Ecology - Progress Series</i> , 2017, 563, 139-155.	0.9	3
59	How can the stock recruitment relationship of the Barents Sea capelin (<i>Mallotus villosus</i>) be improved by incorporating biotic and abiotic factors?. <i>Polar Research</i> , 2004, 23, 19-26.	1.6	3
60	Effects of season, bottom substrate and population dynamics on fish communities in shallow subarctic northeast Atlantic waters. <i>Journal of Sea Research</i> , 2021, 178, 102136.	0.6	1
61	Introduction to the Proceedings of the ECONORTH Symposium on Ecosystem Dynamics in the Norwegian and Barents Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1893-1894.	0.6	0
62	Best practices for ecological model evaluation I. <i>The Nansen Legacy Report Series</i> , 2020, , .	0.1	0
63	Best practices for ecological model evaluation II. <i>The Nansen Legacy Report Series</i> , 2020, , .	0.1	0
64	Horizontal and Vertical Migration of Anglerfish <i>Lophius piscatorius</i> in Relation to Hydrography in Faroese Waters. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	0