Peter GrÃ¸nkjÃ¦r

List of Publications by Year
in descending order

76 papers	2,448 citations	172207 29 h-index	223531 46 g-index
76 all docs	76 docs citations	76 times ranked	2927 citing authors

#	Article	IF	Citations
1	First measurements of field metabolic rate in wild juvenile fishes show strong thermal sensitivity but variations between sympatric ecotypes. Oikos, 2021, 130, 287-299.	1.2	19
2	Age of black dogfish (Centroscyllium fabricii) estimated from fin spines growth bands and eye lens bomb radiocarbon dating. Polar Biology, 2021, 44, 751-759.	0.5	3
3	Differences in metabolic rate between two Atlantic cod (Gadus morhua) populations estimated with carbon isotopic composition in otoliths. PLoS ONE, 2021, 16, e0248711.	1.1	6
4	Otolith Fingerprints and Tissue Stable Isotope Information Enable Allocation of Juvenile Fishes to Different Nursery Areas. Water (Switzerland), 2021, 13, 1293.	1.2	3
5	Disparate movement behavior and feeding ecology in sympatric ecotypes of Atlantic cod. Ecology and Evolution, 2021, 11, 11477-11490.	0.8	14
6	Fundamental questions and applications of sclerochronology: Community-defined research priorities. Estuarine, Coastal and Shelf Science, 2020, 245, 106977.	0.9	15
7	Improving the age reading of East Greenland Atlantic cod (Gadus morhua) by determining otolith growth zone timing and annuli widths. Fisheries Management and Ecology, 2020, 27, 628-632.	1.0	0
8	Diet and prey preferences of larval and pelagic juvenile Faroe Plateau cod (Gadus morhua). Marine Biology, 2020, 167, 1.	0.7	4
9	Intraâ€annual variation in feeding of Atlantic cod Gadus morhua : the importance of ephemeral prey bursts. Journal of Fish Biology, 2020, 97, 1507-1519.	0.7	5
10	Settlement processes induce differences in daily growth rates between two co-existing ecotypes of juvenile cod Gadus morhua. Marine Ecology - Progress Series, 2020, 650, 175-189.	0.9	11
11	Dietary differences among commercially important fishes in Lake Tanganyika assessed using stable isotope analysis. Journal of Great Lakes Research, 2019, 45, 1205-1214.	0.8	4
12	Field metabolic rates of teleost fishes are recorded in otolith carbonate. Communications Biology, 2019, 2, 24.	2.0	59
13	Temporal changes in sizeâ€atâ€maturity of black dogfish Centroscyllium fabricii. Journal of Fish Biology, 2019, 95, 965-968.	0.7	4
14	Otolith Î´13C values as a metabolic proxy: approaches and mechanical underpinnings. Marine and Freshwater Research, 2019, 70, 1747.	0.7	33
15	Greenland Shark (Somniosus microcephalus) Stomach Contents and Stable Isotope Values Reveal an Ontogenetic Dietary Shift. Frontiers in Marine Science, 2019, 6, .	1.2	38
16	Effects of temperature on tissueâ€“diet isotopic spacing of nitrogen and carbon in otolith organic matter. Marine and Freshwater Research, 2019, 70, 1757.	0.7	9
17	Feeding ecology of capelin (Mallotus villosus) in a fjord impacted by glacial meltwater (GodthÅ¥bsfjord, Greenland). Polar Biology, 2019, 42, 81-98.	0.5	12
18	Population decline in the endemic Atlantic salmon (Salmo salar) in Kapisillit River, Greenland. Fisheries Management and Ecology, 2018, 25, 392-399.	1.0	4

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19	Stable coexistence of genetically divergent Atlantic cod ecotypes at multiple spatial scales. Evolutionary Applications, 2018, 11, 1527-1539.	1.5	47
20	Genomic parallelism and lack thereof in contrasting systems of threeâ€spined sticklebacks. Molecular Ecology, 2018, 27, 4725-4743.	2.0	44
21	Life history trait variation of Greenland lumpfish (Cyclopterus lumpus) along a 1600ÂÂ°km latitudinal gradient. Polar Biology, 2017, 40, 2489-2498.	0.5	10
22	Behavioural changes of Atlantic cod (Gadus morhua) after marine boulder reef restoration: Implications for coastal habitat management and Natura 2000 areas. Fisheries Management and Ecology, 2017, 24, 353-360.	1.0	21
23	Using otolith organic matter to detect diet shifts in Bardiella chrysoura, during a period of environmental changes. Marine Ecology - Progress Series, 2017, 575, 137-152.	0.9	16
24	Otoliths as individual indicators: a reappraisal of the link between fish physiology and otolith characteristics. Marine and Freshwater Research, 2016, 67, 881.	0.7	63
25	Historical <scp>DNA</scp> documents longâ€distance natal homingÂin marine fish. Molecular Ecology, 2016, 25, 2727-2734.	2.0	39
26	Seasonal changes in diet and lipid content of northern sand lance Ammodytes dubius on Fyllas Bank, West Greenland. Marine Ecology - Progress Series, 2016, 558, 97-113.	0.9	15
27	Archived DNA reveals fisheries and climate induced collapse of a major fishery. Scientific Reports, 2015, 5, 15395.	1.6	40
28	Arctic warming will promote Atlanticâ€“Pacific fishÂinterchange. Nature Climate Change, 2015, 5, 261-265.	8.1	86
29	Reply to 'Sources of uncertainties in cod distribution models'. Nature Climate Change, 2015, 5, 790-791.	8.1	3
30	ESTABLISHMENT OF BLUE MUSSEL BEDS TO ENHANCE FISH HABITATS. Applied Ecology and Environmental Research, 2015, 13, .	0.2	2
31	First estimates of age and production of lumpsucker (Cyclopterus lumpus) in Greenland. Fisheries Research, 2014, 149, 1-4.	0.9	23
32	Stable N and C isotopes in the organic matrix of fish otoliths: validation of a new approach for studying spatial and temporal changes in the trophic structure of aquatic ecosystems. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 143-146.	0.7	45
33	Early development of Calanus hyperboreus nauplii: Response to a changing ocean. Limnology and Oceanography, 2013, 58, 2109-2121.	1.6	28
34	A Foraging Cost of Migration for a Partially Migratory Cyprinid Fish. PLoS ONE, 2013, 8, e61223.	1.1	17
35	Climate effects on sizeâ€atâ€age: growth in warming waters compensates for earlier maturity in an exploited marine fish. Global Change Biology, 2012, 18, 1812-1822.	4.2	53
36	Tissue-specific turnover rates and trophic enrichment of stable N and C isotopes in juvenile Atlantic cod Gadus morhua fed three different diets. Marine Ecology - Progress Series, 2012, 461, 197-209.	0.9	35

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37	Feeding ecology of capelin (Mallotus villosus MÃ¼ller) in West Greenland waters. Polar Biology, 2012, 35, 1533-1543.	0.5	18
38	Lipid Class and Fatty Acid Content of the Leptocephalus Larva of Tropical Eels. Lipids, 2012, 47, 623-634.	0.7	25
39	Spatial variability of carbon (Î´¹³C) and nitrogen (Î´^{15N}) stable isotope ratios in an Arctic marine food web. Marine Ecology - Progress Series, 2012, 467, 47-59.	0.9	47
40	Vertical distribution and growth performance of Baltic cod larvae â€“ Field evidence for starvation-induced recruitment regulation during the larval stage?. Progress in Oceanography, 2011, 91, 382-396.	1.5	27
41	Energy content and fecundity of capelin (Mallotus villosus) along a 1,500-km latitudinal gradient. Marine Biology, 2011, 158, 1319-1330.	0.7	24
42	Sandeel as a link between primary production and higher trophic levels on the Faroe shelf. Marine Ecology - Progress Series, 2011, 438, 185-194.	0.9	52
43	Variation in size and growth of West Greenland capelin (Mallotus villosus) along latitudinal gradients. ICES Journal of Marine Science, 2010, 67, 1128-1137.	1.2	21
44	Temperature effects on growth of juvenile Greenland halibut (Reinhardtius hippoglossoides) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	0.6	15
45	Restoring lakes by using artificial plant beds: habitat selection of zooplankton in a clear and a turbid shallow lake. Freshwater Biology, 2009, 54, 1520-1531.	1.2	27
46	Otolith formation, microstructure and daily increment validation in juvenile perch Perca fluviatilis. Journal of Fish Biology, 2008, 73, 1478-1483.	0.7	9
47	Turbidity increases behavioural diversity in northern pike, Esox lucius L., during early summer. Fisheries Management and Ecology, 2008, 15, 377-383.	1.0	22
48	The relation between concentrations of ovarian trace elements and the body size of Atlantic cod Gadus morhua. ICES Journal of Marine Science, 2008, 65, 1191-1197.	1.2	6
49	Food limitation in larval fish: ontogenetic variation in feeding scope and its potential effect on survival. Marine Ecology - Progress Series, 2008, 367, 239-248.	0.9	15
50	Effect of habitat shifts on feeding behaviour and growth of 0 yearâ€group flounder Platichthys flesus (L.) transferred between macroalgae and bare sand habitats. Journal of Fish Biology, 2007, 70, 1587-1605.	0.7	13
51	Otolith growth of Springer's demoiselle, Chrysiptera springeri (Pomacentridae, Allen & Lubbock), on a protected and non-protected coral reef. Journal of Applied Ichthyology, 2007, 23, 568-572.	0.3	3
52	Evolutionary mechanisms shaping the genetic population structure of marine fishes; lessons from the European flounder (Platichthys flesus L.). Molecular Ecology, 2007, 16, 3104-3118.	2.0	125
53	Adaptive differences in gene expression in European flounder (Platichthys flesus). Molecular Ecology, 2007, 16, 4674-4683.	2.0	111
54	Possible fitness costs of high and low standard metabolic rates in larval herring Clupea harengus, as determined by otolith microstructure. Marine Ecology - Progress Series, 2007, 331, 233-242.	0.9	14

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55	Otolith morphology, microstructure and ageing in the hedgehog seahorse, Hippocampus spinosissimus (Weber, 1913). Journal of Applied Ichthyology, 2006, 22, 153-159.	0.3	6
56	Parental effects on early life history traits of Atlantic herring (Clupea harengus L.) larvae. Journal of Experimental Marine Biology and Ecology, 2006, 334, 51-63.	0.7	43
57	Using short-term growth of enclosed 0-group European flounder, Platichthys flesus, to assess habitat quality in a Danish bay. Journal of Applied Ichthyology, 2005, 21, 53-63.	0.3	16
58	Long-term stability and effective population size in North Sea and Baltic Sea cod (Gadus morhua). Molecular Ecology, 2005, 15, 321-331.	2.0	107
59	Feeding ecology and growth of age 0 yearPlatichthys flesus(L.) in a vegetated and a bare sand habitat in a nutrient rich fjord. Journal of Fish Biology, 2005, 66, 531-552.	0.7	39
60	Experimental evidence for selection against fish larvae with high metabolic rates in a food limited environment. Marine Biology, 2005, 147, 1413-1417.	0.7	85
61	Otolith size-at-hatch reveals embryonic oxygen consumption in the zebrafish, Danio rerio. Marine Biology, 2005, 147, 1419-1423.	0.7	26
62	Retention of juveniles within a hybrid zone between North Sea and Baltic Sea Atlantic cod (Gadus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	46
63	Individual variation in the rate of oxygen consumption by zebrafish embryos. Journal of Fish Biology, 2004, 64, 1285-1296.	0.7	39
64	Otolith-based analysis of survival and size-selective mortality of stocked 0+ year pike related to time of stocking. Journal of Fish Biology, 2004, 64, 1625-1637.	0.7	21
65	Fluctuating asymmetry and nutritional condition of Baltic cod (Gadus morhua) larvae. Marine Biology, 2003, 143, 191-197.	0.7	38
66	Evidence of a hybridâ€zone in Atlantic cod (Gadus morhua) in the Baltic and the Danish Belt Sea revealed by individual admixture analysis. Molecular Ecology, 2003, 12, 1497-1508.	2.0	206
67	Impact of three-spined stickleback Gasterosteus aculeatus on zooplankton and chl a in shallow, eutrophic, brackish lakes. Marine Ecology - Progress Series, 2003, 262, 277-284.	0.9	31
68	Marking pike fry otoliths with alizarin complexone and strontium: an evaluation of methods. Journal of Fish Biology, 2001, 59, 745-750.	0.7	29
69	Population of origin of Atlantic cod. Nature, 2001, 413, 272-272.	13.7	111
70	Testing the larval drift hypothesis in the Baltic Sea: retention versus dispersion caused by wind-driven circulation. ICES Journal of Marine Science, 2001, 58, 973-984.	1.2	47
71	Marking pike fry otoliths with alizarin complexone and strontium: an evaluation of methods. , 2001, 59, 745.		1
72	Stage-specific mortality of Baltic cod (Gadus morhua L.) eggs. Journal of Applied Ichthyology, 2000, 16, 266-272.	0.3	14

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73	Non-random mortality of Baltic cod larvae inferred from otolith hatch-check sizes. Marine Ecology - Progress Series, 1999, 181, 53-59.	0.9	20
74	Nutritional condition and vertical distribution of Baltic cod larvae. Journal of Fish Biology, 1997, 51, 352-369.	0.7	50
75	Ontogenetic and environmental effects on vertical distribution of cod larvae in the Bornholm Basin, Baltic Sea. Marine Ecology - Progress Series, 1997, 154, 91-105.	0.9	68
76	Spatial variations in feeding ecology of three Sparidae species â€“ a stable isotope analysis. Frontiers in Marine Science, 0, 6, .	1.2	1