Arne J Jensen

List of Publications by Year
in descending order

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69	3,748	126907	133252
papers	citations	33 h-index	59 g-index

70	70	70	2712
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sex-dependent dominance at a single locus maintains variation in age at maturity in salmon. Nature, 2015, 528, 405-408.	27.8	527
2	The functional relationship between peak spring floods and survival and growth of juvenile Atlantic Salmon (Salmo salar) and Brown Trout (Salmo trutta). Functional Ecology, 1999, 13, 778-785.	3.6	184
3	Basinâ€scale phenology and effects of climate variability on global timing of initial seaward migration of Atlantic salmon (Salmo salar). Global Change Biology, 2014, 20, 61-75.	9.5	160
4	Latitudinal Variation in Life-History Characteristics of Sea-Run Migrant Brown Trout Salmo trutta. Journal of Animal Ecology, 1989, 58, 525.	2.8	157
5	Thermal performance of juvenile Atlantic Salmon, Salmo salar L.. Functional Ecology, 2001, 15, 701-711.	3.6	153
6	Is there a threshold size regulating seaward migration of brown trout and Atlantic salmon?. Journal of Fish Biology, 1993, 42, 541-550.	1.6	145
7	Infestations of Atlantic salmon, Salmo salar, by Gyrodactylus salaris in Norwegian rivers. Journal of Fish Biology, 1986, 29, 233-241.	1.6	137
8	Interactions between wild and cultured Atlantic salmon: a review of the Norwegian experience. Fisheries Research, 1993, 18, 123-146.	1.7	116
9	Functional models for growth and food consumption of Atlantic salmon parr, Salmo salar , from a Norwegian river. Freshwater Biology, 2001, 46, 173-186.	2.4	108
10	Gene flow from domesticated escapes alters the life history of wild Atlantic salmon. Nature Ecology and Evolution, 2017, 1, 124.	7.8	97
11	Competitive exclusion along climate gradients: energy efficiency influences the distribution of two salmonid fishes. Global Change Biology, 2011, 17, 1703-1711.	9.5	94
12	Thermal adaptation of Arctic charr: experimental studies of growth in eleven charr populations from Sweden, Norway and Britain. Freshwater Biology, 2005, 50, 353-368.	2.4	92
13	Impacts of parasites on marine survival of Atlantic salmon: a metaâ€analysis. Fish and Fisheries, 2016, 17, 714-730.	5.3	85
14	The marine temperature and depth preferences of Arctic charr (Salvelinus alpinus) and sea trout (Salmo trutta), as recorded by data storage tags. Fisheries Oceanography, 2007, 16, 436-447.	1.7	78
15	Latitudinal variation in growth of young brown trout Salmo trutta. Journal of Animal Ecology, 2000, 69, 1010-1020.	2.8	77
16	Thermal growth performance of juvenile brown trout Salmo trutta: no support for thermal adaptation hypotheses. Journal of Fish Biology, 2009, 74, 133-149.	1.6	70
17	The spread of furunculosis in salmonids in Norwegian rivers. Journal of Fish Biology, 1994, 45, 47-55.	1.6	68
18	Growth of Young Migratory Brown Trout Salmo trutta Correlated with Water Temperature in Norwegian Rivers. Journal of Animal Ecology, 1990, 59, 603.	2.8	64

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19	Different Adaptation Strategies of Atlantic Salmon (Salmo salar) Populations to Extreme Climates with Special Reference to some Cold Norwegian Rivers. Canadian Journal of Fisheries and Aquatic Sciences, 1986, 43, 980-984.	1.4	62
20	Longevity, Body Size, and Growth in Anadromous Brown Trout (Salmo trutta). Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 1838-1845.	1.4	60
21	Upstream migration of adult Atlantic salmon, Salmo salar L., in the River Vefsna, northern Norway. Journal of Fish Biology, 1986, 29, 459-465.	1.6	54
22	Introduction and establishment of Gyrodactylus salaris Malmberg, 1957, on Atlantic salmon, Salmo salar L., fry and parr in the River Vefsna, northern Norway. Journal of Fish Diseases, 1988, 11, 35-45.	1.9	48
23	Temperature Requirements in Atlantic Salmon (Salmo salar), Brown Trout (Salmo trutta), and Arctic Char (Salvelinus alpinus) from Hatching to Initial Feeding Compared with Geographic Distribution. Canadian Journal of Fisheries and Aquatic Sciences, 1989, 46, 786-789.	1.4	48
24	Contemporary ocean warming and freshwater conditions are related to later sea age at maturity in Atlantic salmon spawning in Norwegian rivers. Ecology and Evolution, 2012, 2, 2192-2203.	1.9	47
25	Influence of sea temperature and initial marine feeding on survival of Atlantic salmon Salmo salar postâ€smolts from the Rivers Orkla and Hals, Norway. Journal of Fish Biology, 2009, 74, 1532-1548.	1.6	45
26	Initial feeding time of Atlantic salmon,Salmo salar, alevins compared to river flow and water temperature in Norwegian streams. Environmental Biology of Fishes, 1991, 30, 379-385.	1.0	43
27	Migration of a fast-growing population of brown trout (Salmo trutta l.) through a fish ladder in relation to water flow and water temperature. River Research and Applications, 1995, 10, 217-228.	0.8	43
28	Modelling the migration of post-smolt Atlantic salmon (Salmo salar) in the Northeast Atlantic. ICES Journal of Marine Science, 2012, 69, 1616-1624.	2.5	43
29	Quantifying the Ocean, Freshwater and Human Effects on Year-to-Year Variability of One-Sea-Winter Atlantic Salmon Angled in Multiple Norwegian Rivers. PLoS ONE, 2011, 6, e24005.	2.5	43
30	High prevalence of vaterite in sagittal otoliths causes hearing impairment in farmed fish. Scientific Reports, 2016, 6, 25249.	3.3	41
31	Interpopulation variation in male parr maturation of anadromous brown trout (Salmo trutta) in Norway. Canadian Journal of Zoology, 1990, 68, 1983-1987.	1.0	39
32	Energy Content Analysis from Weight and Liver Index Measurements of Immature Pollock (Pollachius virens). Journal of the Fisheries Research Board of Canada, 1979, 36, 1207-1213.	0.9	35
33	Infection of Atlantic salmon, Salmo salar L., by Gyrodactylus salaris, Malmberg 1957, in the River Lakselva, Misvaer in northern Norway. Journal of Fish Biology, 1992, 40, 433-444.	1.6	35
34	Temporal variability in marine feeding of sympatric Arctic charr and sea trout. Journal of Fish Biology, 2007, 70, 837-852.	1.6	34
35	Ecological regime shift in the Northeast Atlantic Ocean revealed from the unprecedented reduction in marine growth of Atlantic salmon. Science Advances, 2022, 8, eabk2542.	10.3	34
36	Do Norwegian Atlantic salmon feed in the northern Barents Sea? Tag recoveries from 70 to 78Â° N. Journal of Fish Biology, 2008, 72, 1792-1798.	1.6	32

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37	Synchrony in marine growth among Atlantic salmon (Salmo salar) populations. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 444-457.	1.4	32
38	Atlantic salmon (Salmo salar) in the regulated River Alta: effects of altered water temperature on parr growth. River Research and Applications, 2003, 19, 733-747.	1.7	29
39	Between-watershed movements of two anadromous salmonids in the Arctic. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 855-863.	1.4	26
40	The cost of anadromy: marine and freshwater mortality rates in anadromous Arctic char and brown trout in the Arctic region of Norway. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 2408-2417.	1.4	26
41	The early marine distribution of Atlantic salmon in the Northâ€east Atlantic: A genetically informed stockâ€specific synthesis. Fish and Fisheries, 2021, 22, 1274-1306.	5.3	26
42	Behaviour of Atlantic cod, a marine fish predator, during Atlantic salmon post-smolt migration. ICES Journal of Marine Science, 2011, 68, 2152-2162.	2.5	24
43	Origin and life history of Atlantic salmon (Salmo salar) near their northernmost oceanic limit. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1740-1746.	1.4	24
44	Evaluation of genetic effects on wild salmon populations from stock enhancement. ICES Journal of Marine Science, 2021, 78, 900-909.	2.5	24
45	Difficulties in Aging Atlantic Salmon (Salmo salar) and Brown Trout (Salmo trutta) from Cold Rivers Due to Lack of Scales as Yearlings. Canadian Journal of Fisheries and Aquatic Sciences, 1982, 39, 321-325.	1.4	23
46	Introgression from farmed escapees affects the full life cycle of wild Atlantic salmon. Science Advances, 2021, 7, eabj3397.	10.3	23
47	Age and fine-scale marine growth of Atlantic salmon post-smolts in the Northeast Atlantic. ICES Journal of Marine Science, 2012, 69, 1668-1677.	2.5	22
48	Supplementary stocking selects for domesticated genotypes. Nature Communications, 2019, 10, 199.	12.8	22
49	Site specificity of Gyrodactylus salaris Malmberg, 1957 (Monogenea) on Atlantic salmon (Salmo salar) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	21
50	Relationship between marine growth and sea survival of two anadromous salmonid fish species. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 621-628.	1.4	20
51	Water discharge affects Atlantic salmon Salmo salar smolt production: a 27 year study in the River Orkla, Norway. Journal of Fish Biology, 2015, 86, 92-104.	1.6	19
52	To what extent does ethanol and freezing preservation cause shrinkage of juvenile Atlantic salmon and European minnow?. Fisheries Management and Ecology, 2007, 14, 295-298.	2.0	17
53	Evidence for the linkage of survival of anadromous Arctic char and brown trout during winter to marine growth during the previous summer. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 663-672.	1.4	17
54	Repeatable individual variation in migration timing in two anadromous salmonids and ecological consequences. Ecology and Evolution, 2020, 10, 11727-11738.	1.9	17

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55	Latitudinal variation in growth of young brown trout Salmo trutta. Journal of Animal Ecology, 2000, 69, 1010-1020.	2.8	16
56	Prey availability and juvenile Atlantic salmon feeding during winter in a regulated subarctic river subject to loss of ice cover. Hydrobiologia, 2010, 644, 217-229.	2.0	15
57	The 'Gut index', a new parameter to measure the gross nutritional state of arctic char, Salvelinus alpinus (L.) and brown trout, Salmo trutta L.. Journal of Fish Biology, 1980, 17, 741-747.	1.6	14
58	Growth and Age Distribution of a River-Dwelling and a Lake-Dwelling Population of Anadromous Arctic Char at the Same Latitude in Norway. Transactions of the American Fisheries Society, 1994, 123, 370-376.	1.4	12
59	Predicting the nationwide outmigration timing of Atlantic salmon (Salmo salar) smolts along 12 degrees of latitude in Norway. Diversity and Distributions, 2021, 27, 1383-1392.	4.1	11
60	A genetic marker for the maternal identification of Atlantic salmonÂÃ—Âbrown trout hybrids. Conservation Genetics Resources, 2013, 5, 47-49.	0.8	10
61	Arctic Rivers. , 2009, , 337-379.		9
62	Rivers of the Boreal Uplands. , 2009, , 577-606.		9
63	Passing a seawater challenge test is not indicative of hatcheryâ€reared Atlantic salmon Salmo salar smolts performing as well at sea as their naturally produced conspecifics. Journal of Fish Biology, 2016, 88, 2219-2235.	1.6	7
64	Rapid evolution of genetic and phenotypic divergence in Atlantic salmon following the colonisation of two new branches of a watercourse. Genetics Selection Evolution, 2017, 49, 22.	3.0	7
65	Return migration of adult Atlantic salmon (Salmo salar L.) to northern Norway. ICES Journal of Marine Science, 2018, 75, 653-661.	2.5	7
66	Earlyâ€season brown trout (Salmo trutta) migrants grow and survive better at sea. Journal of Fish Biology, 2022, 100, 1419-1431.	1.6	7
67	Rivers of the Balkans. , 2022, , 595-655.		5
68	Anadromous brown trout and Atlantic salmon in the Aurland watercourse. Norsk Geografisk Tidsskrift, 1994, 48, 45-50.	0.7	2
69	The Cladocera and Copepoda of the Alta water-course, Northern Norway. Journal of Plankton Research, 1985, 7, 507-518.	1.8	0