

# Jon Albretsen

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,727  
citations

279487

23  
h-index

315357

38  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Of three sharks and one chimaera: varied habitat preferences across a latitudinal range revealed by coastal and offshore surveys. <i>Journal of Fish Biology</i> , 2022, 100, 660-674.	0.7	3
2	Stabilizing selection on Atlantic cod supergenes through a millennium of extensive exploitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	22
3	Trans-polar drift-pathways of riverine European microplastic. <i>Scientific Reports</i> , 2022, 12, 3016.	1.6	22
4	Implementation and evaluation of open boundary conditions for sea ice in a regional coupled ocean (ROMS) and sea ice (CICE) modeling system. <i>Geoscientific Model Development</i> , 2022, 15, 4373-4392.	1.3	3
5	Modeling the Distribution of Habitat-Forming, Deep-Sea Sponges in the Barents Sea: The Value of Data. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	13
6	Lemon sole <i>Microstomus kitt</i> in the northern North Sea: a multidisciplinary approach to the early lifeâ€”history dynamics. <i>Journal of Fish Biology</i> , 2021, 99, 569-580.	0.7	0
7	Genetic differentiation between inshore and offshore populations of northern shrimp (<i>Pandalus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.2	8
8	Using Spatial Validity and Uncertainty Metrics to Determine the Relative Suitability of Alternative Suites of Oceanographic Data for Seabed Biotope Prediction. A Case Study from the Barents Sea, Norway. <i>Geosciences (Switzerland)</i> , 2021, 11, 48.	1.0	10
9	The impact of surface currents on the wave climate in narrow fjords. <i>Ocean Modelling</i> , 2021, 168, 101894.	1.0	3
10	A tidally driven fjord-like strait close to an amphidromic region. <i>Ocean Science</i> , 2021, 17, 1639-1655.	1.3	0
11	Polar cod egg and larval drift patterns in the Svalbard archipelago. <i>Polar Biology</i> , 2020, 43, 1029-1042.	0.5	15
12	Carbon export is facilitated by sea urchins transforming kelp detritus. <i>Oecologia</i> , 2020, 192, 213-225.	0.9	26
13	New validation method for hydrodynamic fjord models applied in the Hardangerfjord, Norway. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 246, 107028.	0.9	18
14	Simulating particle organic matter dispersal beneath Atlantic salmon fish farms using different resuspension approaches. <i>Marine Pollution Bulletin</i> , 2020, 161, 111685.	2.3	12
15	Productive detours â€” Atlantic water inflow and acoustic backscatter in the major troughs along the Svalbard shelf. <i>Progress in Oceanography</i> , 2020, 188, 102447.	1.5	12
16	A step towards high resolution modeling of the central Faroe shelf circulation by FarCoast800. <i>Regional Studies in Marine Science</i> , 2020, 40, 101475.	0.4	1
17	Mind the Depth: The Vertical Dimension of a Smallâ€”scale Coastal Fishery Shapes Selection on Species, Size, and Sex in Wrasses. <i>Marine and Coastal Fisheries</i> , 2020, 12, 404-422.	0.6	9
18	Classification and Mapping of Benthic Biotopes in Arctic and Sub-Arctic Norwegian Waters. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	18

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19	Achieving Reliable Estimates of the Spatial Distribution of Kelp Biomass. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
20	The hydrodynamic foundation for salmon lice dispersion modeling along the Norwegian coast. <i>Ocean Dynamics</i> , 2020, 70, 1151-1167.	0.9	46
21	Impact of variable physical conditions and future increased aquaculture production on lice infestation pressure and its sustainability in Norway. <i>Aquaculture Environment Interactions</i> , 2020, 12, 193-204.	0.7	16
22	Impacts of salmon lice on mortality, marine migration distance and premature return in sea trout. <i>Marine Ecology - Progress Series</i> , 2020, 635, 151-168.	0.9	29
23	Modeling key processes affecting Al speciation and transport in estuaries. <i>Science of the Total Environment</i> , 2019, 687, 1147-1163.	3.9	5
24	The Abundance of Kelp Is Modified by the Combined Impact of Depth, Waves and Currents. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	16
25	Sandbanks, sandwaves and megaripples on Spitsbergenbanken, Barents Sea. <i>Marine Geology</i> , 2019, 416, 105998.	0.9	13
26	Coastal transport of river-discharged radionuclides: Impact of speciation and transformation processes in numerical model simulations. <i>Science of the Total Environment</i> , 2019, 669, 856-871.	3.9	11
27	Impact of tidewater glacier retreat on the fjord system: Modeling present and future circulation in Kongsfjorden, Svalbard. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 220, 152-165.	0.9	43
28	Climate change opens new frontiers for marine species in the Arctic: Current trends and future invasion risks. <i>Global Change Biology</i> , 2019, 25, 25-38.	4.2	135
29	Modelled salmon lice dispersion and infestation patterns in a sub-arctic fjord. <i>ICES Journal of Marine Science</i> , 2018, 75, 1733-1747.	1.2	36
30	Mesoscale Eddy Activity and Transport in the Atlantic Water Inflow Region North of Svalbard. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 201-215.	1.0	43
31	Towards direct evidence of the effects of salmon lice ( <i>Lepeophtheirus salmonis</i> Kr�yer) on sea trout ( <i>Salmo trutta</i> L.) in their natural habitat: proof of concept for a new combination of methods. <i>Environmental Biology of Fishes</i> , 2018, 101, 1677-1692.	0.4	9
32	Stable coexistence of genetically divergent Atlantic cod ecotypes at multiple spatial scales. <i>Evolutionary Applications</i> , 2018, 11, 1527-1539.	1.5	47
33	Cod at drift in the North Sea. <i>Progress in Oceanography</i> , 2018, 167, 116-124.	1.5	22
34	Evaluation of a national operational salmon lice monitoring system��From physics to fish. <i>PLoS ONE</i> , 2018, 13, e0201338.	1.1	60
35	Effects of glacier runoff and wind on surface layer dynamics and Atlantic Water exchange in Kongsfjorden, Svalbard; a model study. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 187, 260-272.	0.9	52
36	Mechanisms regulating inter��annual variability in zooplankton advection over the Lofoten shelf, implications for cod larvae survival. <i>Fisheries Oceanography</i> , 2017, 26, 299-315.	0.9	9

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37	Linking bacterial community structure to advection and environmental impact along a coast-fjord gradient of the Sognefjord, western Norway. <i>Progress in Oceanography</i> , 2017, 159, 13-30.	1.5	18
38	Modelling of the Svalbard fjord Hornsund. <i>Oceanologia</i> , 2017, 59, 473-495.	1.1	26
39	Adjusting modelled sound speed profiles for use in sonar operations. , 2017, , .		2
40	The Northeast Greenland Shelf as a Potential Habitat for the Northeast Arctic Cod. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	28
41	Genetic analysis of goldsinny wrasse reveals evolutionary insights into population connectivity and potential evidence of inadvertent translocation via aquaculture. <i>ICES Journal of Marine Science</i> , 2017, 74, 2135-2147.	1.2	23
42	Environmental change influences the life history of salmon <i>Salmo salar</i> in the North Atlantic Ocean. <i>Journal of Fish Biology</i> , 2016, 88, 618-637.	0.7	53
43	Temperature-associated habitat selection in a cold-water marine fish. <i>Journal of Animal Ecology</i> , 2016, 85, 628-637.	1.3	71
44	Eddy-driven recirculation of Atlantic Water in Fram Strait. <i>Geophysical Research Letters</i> , 2016, 43, 3406-3414.	1.5	160
45	Predicting the effectiveness of depth-based technologies to prevent salmon lice infection using a dispersal model. <i>Preventive Veterinary Medicine</i> , 2016, 129, 48-57.	0.7	28
46	Impact of hatch date on early life growth and survival of Mueller's pearlside ( <i>Maurollicus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Sciences, 2016, 73, 163-176.	0.7	9
47	Summer mortalities and detection of ostreid herpesvirus microvariant in Pacific oyster <i>Crassostrea gigas</i> in Sweden and Norway. <i>Diseases of Aquatic Organisms</i> , 2016, 117, 171-176.	0.5	54
48	Modelling drift of pelagic offspring: the importance of egg surveys in providing a realistic model initialization. <i>ICES Journal of Marine Science</i> , 2015, 72, 2578-2589.	1.2	14
49	Diurnal tides on the Barents Sea continental slope. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 97, 40-51.	0.6	22
50	Genetically distinct populations of northern shrimp, <i>Pandalus borealis</i> , in the North Atlantic: adaptation to different temperatures as an isolation factor. <i>Molecular Ecology</i> , 2015, 24, 1742-1757.	2.0	58
51	Modelling dispersal of eggs and quantifying connectivity among Norwegian coastal cod subpopulations. <i>ICES Journal of Marine Science</i> , 2014, 71, 957-969.	1.2	45
52	Dispersion of salmon lice in the Hardangerfjord. <i>Marine Biology Research</i> , 2014, 10, 216-225.	0.3	118
53	Spatial variability of environmental conditions in fjords and the importance for aquaculture. , 2013, , .		1
54	Climate Change and Genetic Structure of Leading Edge and Rear End Populations in a Northwards Shifting Marine Fish Species, the Corkwing Wrasse ( <i>Symphodus melops</i> ). <i>PLoS ONE</i> , 2013, 8, e67492.	1.1	40

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55	Marine downscaling of a future climate scenario in the North Sea and possible effects on dinoflagellate harmful algal blooms. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 1630-1646.	1.1	21
56	Climatic variability in the Skagerrak and coastal waters of Norway. ICES Journal of Marine Science, 2012, 69, 758-763.	1.2	38
57	Real-Time Ichthyoplankton Drift in Northeast Arctic Cod and Norwegian Spring-Spawning Herring. PLoS ONE, 2011, 6, e27367.	1.1	26
58	Decadal long simulations of mesoscale structures in the northern North Sea/Skagerrak using two ocean models. Ocean Dynamics, 2010, 60, 933-955.	0.9	18
59	Sea-State-Dependent Momentum Fluxes for Ocean Modeling. Journal of Physical Oceanography, 2007, 37, 2714-2725.	0.7	28
60	The impact of freshwater discharges on the ocean circulation in the Skagerrak/northern North Sea area. Part II: energy analysis. Ocean Dynamics, 2007, 57, 287-304.	0.9	4
61	The impact of freshwater discharges on the ocean circulation in the Skagerrak/northern North Sea area Part I: model validation. Ocean Dynamics, 2007, 57, 269-285.	0.9	15
62	Monitoring the Norwegian Coastal Zone Environment (MONCOZE). Elsevier Oceanography Series, 2003, 69, 529-534.	0.1	0