Pierre Pepin

List of Publications by Year in descending order

55 papers	3,048 citations	136950 32 h-index	161849 54 g-index
55 all docs	55 docs citations	55 times ranked	3150 citing authors

#	Article	IF	Citations
1	Effect of Temperature and Size on Development, Mortality, and Survival Rates of the Pelagic Early Life History Stages of Marine Fish. Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 503-518.	1.4	611
2	The North Atlantic Ocean as habitat for Calanus finmarchicus: Environmental factors and life history traits. Progress in Oceanography, 2014, 129, 244-284.	3.2	163
3	Significance of Egg and Larval Size to Recruitment Variability of Temperate Marine Fish. Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 1820-1828.	1.4	124
4	Modelling the effect of directional spatial ecological processes at different scales. Oecologia, 2011, 166, 357-368.	2.0	114
5	Characteristics of Calanus finmarchicus dormancy patterns in the Northwest Atlantic. ICES Journal of Marine Science, 2008, 65, 339-350.	2.5	107
6	Reproductive resilience: a paradigm shift in understanding spawnerâ€recruit systems in exploited marine fish. Fish and Fisheries, 2017, 18, 285-312.	5.3	104
7	Bottom-Up Regulation of Capelin, a Keystone Forage Species. PLoS ONE, 2014, 9, e87589.	2.5	98
8	From Sea to Sea: Canada's Three Oceans of Biodiversity. PLoS ONE, 2010, 5, e12182.	2.5	81
9	Photosynthesisâ€“irradiance parameters of marine phytoplankton: synthesis of aÂglobal data set. Earth System Science Data, 2018, 10, 251-266.	9.9	80
10	Morphological, Meristic, and Genetic Analysis of Stock Structure in Juvenile Atlantic Cod (<i>Gadus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 50, 1924-1933.	1.4	72
11	Seasonal, inverse cycling of length- and age-at-recruitment in the diadromous gobies Sicydium punctatum and Sicydium antillarum in Dominica, West Indies. Canadian Journal of Fisheries and Aquatic Sciences, 1995, 52, 1535-1545.	1.4	72
12	Molecular systematics of gadid fishes: implications for the biogeographic origins of Pacific species. Canadian Journal of Zoology, 1999, 77, 19-26.	1.0	69
13	Once upon a larva: revisiting the relationship between feeding success and growth in fish larvae. ICES Journal of Marine Science, 2014, 72, 359-373.	2.5	66
14	Phytoplankton production and growth regulation in the Subarctic North Atlantic: A comparative study of the Labrador Sea-Labrador/Newfoundland shelves and Barents/Norwegian/Greenland seas and shelves. Progress in Oceanography, 2013, 114, 26-45.	3.2	60
15	Variability in the trophic position of larval fish in a coastal pelagic ecosystem based on stable isotope analysis. Journal of Plankton Research, 2007, 29, 727-737.	1.8	58
16	Operationalizing integrated ecosystem assessments within a multidisciplinary team: lessons learned from a worked example. ICES Journal of Marine Science, 2017, 74, 2076-2086.	2.5	58
17	Signatures of the collapse and incipient recovery of an overexploited marine ecosystem. Royal Society Open Science, 2017, 4, 170215.	2.4	57
18	An Appraisal of the Size-Dependent Mortality Hypothesis for Larval Fish: Comparison of a Multispecies Study with an Empirical Review. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 2166-2174.	1.4	54

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19	Reconstruction of environmental histories to investigate patterns of larval radiated shanny (Ulvaria) Tj ETQq1 1 0.784314 rgBT /Overl Science, 2003, 60, 243-258.	2.5	52
20	Critical thermal maxima of diploid and triploid brook charr, Salvelinus fontinalis. Environmental Biology of Fishes, 1997, 49, 259-264.	1.0	50
21	Early life history studies of preyÂ–predator interactions: quantifying the stochastic individual responses to environmental variability. Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 659-671.	1.4	47
22	Reconsidering the impossible â€" linking environmental drivers to growth, mortality, and recruitment of fish. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 205-215.	1.4	45
23	Enhanced gut fullness and an apparent shift in size selectivity by radiated shanny (Ulvaria) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Sciences, 1998, 55, 128-142.	1.4	44
24	Patterns of metamorphic age and length in marine fishes, from individuals to taxa. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 856-869.	1.4	43
25	Spatial and inter-decadal variability in plankton abundance and composition in the Northwest Atlantic (1958â€"2006). Journal of Plankton Research, 2010, 32, 1633-1648.	1.8	43
26	On the ecology of Calanus finmarchicus in the Subarctic North Atlantic: A comparison of population dynamics and environmental conditions in areas of the Labrador Sea-Labrador/Newfoundland Shelf and Norwegian Sea Atlantic and Coastal Waters. Progress in Oceanography, 2013, 114, 46-63.	3.2	42
27	Using patch studies to link mesoscale patterns of feeding and growth in larval fish to environmental variability. Fisheries Oceanography, 2002, 11, 219-232.	1.7	41
28	The Northwest Atlantic Fisheries Organization Roadmap for the development and implementation of an Ecosystem Approach to Fisheries: structure, state of development, and challenges. Marine Policy, 2019, 100, 342-352.	3.2	40
29	Distribution and feeding of Benthosema glaciale in the western Labrador Sea: Fishâ€"zooplankton interaction and the consequence to calanoid copepod populations. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 75, 119-134.	1.4	39
30	Long-term seasonal and spatial patterns in mortality and survival of Calanus finmarchicus across the Atlantic Zone Monitoring Programme region, Northwest Atlantic. ICES Journal of Marine Science, 2009, 66, 1942-1958.	2.5	38
31	Interaction of rearing temperature and maternal influence on egg development rates and larval size at hatch in yellowtail flounder (Pleuronectes ferrugineus). Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 785-794.	1.4	37
32	Seasonal and depth-dependent variations in the size and lipid contents of stage 5 copepodites of Calanus finmarchicus in the waters of the Newfoundland Shelf and the Labrador Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 989-1002.	1.4	37
33	Delivering sustainable fisheries through adoption of a risk-based framework as part of an ecosystem approach to fisheries management. Marine Policy, 2018, 93, 232-240.	3.2	36
34	Covariation in feeding success, size-at-age and growth in larval radiated shanny (Ulvaria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (s	1.8	32
35	Seasonal patterns in zooplankton community structure on the Newfoundland and Labrador Shelf. Progress in Oceanography, 2011, 91, 273-285.	3.2	28
36	Environmental drivers of vertical distribution in diapausing Calanus copepods in the Northwest Atlantic. Progress in Oceanography, 2018, 162, 202-222.	3.2	27

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37	North Atlantic right whale (Eubalaena glacialis) and its food: (II) interannual variations in biomass of Calanus spp. on western North Atlantic shelves. Journal of Plankton Research, 2019, 41, 687-708.	1.8	27
38	Death from near and far: alternate perspectives on size-dependent mortality in larval fish. ICES Journal of Marine Science, 2016, 73, 196-203.	2.5	25
39	Predicting the vertical profiles of anchovy (Engraulis mordax) and sardine (Sardinops sagax) eggs in the California Current System. Fisheries Oceanography, 2007, 16, 68-84.	1.7	22
40	A multivariate evaluation of environmental effects on zooplankton community structure in the western North Atlantic. Progress in Oceanography, 2015, 134, 197-220.	3.2	21
41	Individual growth history of larval Atlantic mackerel is reflected in daily condition indices. ICES Journal of Marine Science, 2014, 71, 1001-1009.	2.5	20
42	Feeding ecology of autumn-spawned Atlantic herring (Clupea harengus) larvae in Trinity Bay, Newfoundland: Is recruitment linked to main prey availability?. Journal of Plankton Research, 2018, 40, 255-268.	1.8	18
43	Application of Empirical Size-Dependent Models of Larval Fish Vital Rates to the Study of Production: Accuracy and Association with Adult Stock Dynamics in a Comparison among Species. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 53-59.	1.4	17
44	Recruitment variability and oceanographic stability. Fisheries Oceanography, 1994, 3, 246-255.	1.7	17
45	Habitat modelling of key copepod species in the Northwest Atlantic Ocean based on the Atlantic Zone Monitoring Program. Journal of Plankton Research, 2016, 38, 589-603.	1.8	17
46	Statistical Projections of Ocean Climate Indices off Newfoundland and Labrador. Atmosphere - Ocean, 2015, 53, 556-570.	1.6	16
47	Re-visiting the drivers of capelin recruitment in Newfoundland since 1991. Fisheries Research, 2018, 200, 1-10.	1.7	16
48	Assessing connectivity patterns among management units of the Newfoundland and Labrador shrimp population. Fisheries Oceanography, 2019, 28, 183-202.	1.7	16
49	Incorporating knowledge of changes in climatic, oceanographic and ecological conditions in Canadian stock assessments. Fish and Fisheries, 2022, 23, 1332-1346.	5.3	15
50	Larval connectivity of northern shrimp (Pandalus borealis) in the Northwest Atlantic. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1332-1347.	1.4	11
51	Potential impact of climate change on northern shrimp habitats and connectivity on the Newfoundland and Labrador continental shelves. Fisheries Oceanography, 2021, 30, 331-347.	1.7	6
52	Revealing the relationship between feeding and growth of larval redfish (Sebastes sp.) in the Gulf of St. Lawrence. ICES Journal of Marine Science, 2021, 78, 3757-3766.	2.5	6
53	A novel approach for estimating growth and mortality of fish larvae. ICES Journal of Marine Science, 2021, 78, 2684-2699.	2.5	5
54	Plankton monitoring in the Northwest Atlantic: a comparison of zooplankton abundance estimates from vertical net tows and Continuous Plankton Recorder sampling on the Scotian and Newfoundland shelves, 1999â€“2015. ICES Journal of Marine Science, 2022, 79, 901-916.	2.5	4

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55	Application of neural networks to model changes in fish community biomass in relation to pressure indicators and comparison with a linear approach. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 963-977.	1.4	0