Jeffrey A Hutchings

List of Publications by Year
in descending order

194 papers	15,123 citations	23567 58 h-index	21540 114 g-index
202 all docs	202 docs citations	202 times ranked	11060 citing authors

#	Article	IF	Citations
1	Rebuilding Global Fisheries. Science, 2009, 325, 578-585.	12.6	1,722
2	Collapse and recovery of marine fishes. Nature, 2000, 406, 882-885.	27.8	704
3	Marine Fish Population Collapses: Consequences for Recovery and Extinction Risk. BioScience, 2004, 54, 297.	4.9	515
4	What Can Be Learned from the Collapse of a Renewable Resource? Atlantic Cod, Gadus morhua, of Newfoundland and Labrador. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 2126-2146.	1.4	485
5	Population Dynamics of Exploited Fish Stocks at Low Population Levels. Science, 1995, 269, 1106-1108.	12.6	407
6	WHY DO FISH STOCKS COLLAPSE? THE EXAMPLE OF COD IN ATLANTIC CANADA. , 1997, 7, 91-106.		383
7	Plastic and evolutionary responses to climate change in fish. Evolutionary Applications, 2014, 7, 68-87.	3.1	373
8	Biology of extinction risk in marine fishes. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2337-2344.	2.6	335
9	The nature of fisheriesâ€•and farmingâ€•induced evolution. Molecular Ecology, 2008, 17, 294-313.	3.9	294
10	Adaptive Life Histories Effected by Age-Specific Survival and Growth Rate. Ecology, 1993, 74, 673-684.	3.2	280
11	Life history variation and growth rate thresholds for maturity in Atlantic salmon, Salmo salar. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 22-47.	1.4	279
12	Fisheries assessment: what can be learned from interviewing resource users?. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 1949-1963.	1.4	275
13	Spatial and temporal variation in the density of northern cod and a review of hypotheses for the stock's collapse. Canadian Journal of Fisheries and Aquatic Sciences, 1996, 53, 943-962.	1.4	270
14	The Influence of Operational Sex Ratio on the Intensity of Competition for Mates. American Naturalist, 2011, 177, 167-176.	2.1	231
15	Life history consequences of overexploitation to population recovery in Northwest Atlantic cod (Gadus morhua). Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 824-832.	1.4	219
16	Mating systems and the conservation of commercially exploited marine fish. Trends in Ecology and Evolution, 2003, 18, 567-572.	8.7	218
17	Parallel adaptive evolution of Atlantic cod on both sides of the Atlantic Ocean in response to temperature. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3725-3734.	2.6	206
18	Resilience and Recovery of Overexploited Marine Populations. Science, 2013, 340, 347-349.	12.6	199

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19	Trophic level scales positively with body size in fishes. Global Ecology and Biogeography, 2011, 20, 231-240.	5.8	187
20	FITNESS CONSEQUENCES OF VARIATION IN EGG SIZE AND FOOD ABUNDANCE IN BROOK TROUT SALVELINUS FONTINALIS. Evolution; International Journal of Organic Evolution, 1991, 45, 1162-1168.	2.3	186
21	Hypotheses for the decline of cod in the North Atlantic. Marine Ecology - Progress Series, 1996, 138, 293-308.	1.9	178
22	Evolutionary ecology at the extremes of speciesâ€™ ranges. Environmental Reviews, 2010, 18, 1-20.	4.5	176
23	The evolution of alternative mating strategies in variable environments. Evolutionary Ecology, 1994, 8, 256-268.	1.2	175
24	Measuring marine fish biodiversity: temporal changes in abundance, life history and demography. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 315-338.	4.0	169
25	Spawning behaviour of Atlantic cod, Gadus morhua: evidence of mate competition and mate choice in a broadcast spawner. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 97-104.	1.4	167
26	Lifeâ€history correlates of extinction risk and recovery potential. Ecological Applications, 2012, 22, 1061-1067.	3.8	162
27	Variation in Male Parr Maturation Within and Among Populations of Atlantic Salmon, Salmo salar. Canadian Journal of Fisheries and Aquatic Sciences, 1986, 43, 1242-1248.	1.4	158
28	Old wine in new bottles: reaction norms in salmonid fishes. Heredity, 2011, 106, 421-437.	2.6	144
29	Mixed evidence for reduced local adaptation in wild salmon resulting from interbreeding with escaped farmed salmon: complexities in hybrid fitness. Evolutionary Applications, 2008, 1, 501-512.	3.1	140
30	Effect of Age on the Seasonality of Maturation and Spawning of Atlantic Cod, Gadus morhua, in the Northwest Atlantic. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 2468-2474.	1.4	136
31	Genomic islands of divergence and their consequences for the resolution of spatial structure in an exploited marine fish. Evolutionary Applications, 2013, 6, 450-461.	3.1	136
32	Genetic variation in threshold reaction norms for alternative reproductive tactics in male Atlantic salmon,Salmo salar. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1571-1575.	2.6	128
33	Fitness Consequences of Variation in Egg Size and Food Abundance in Brook Trout Salvelinus fontinalis. Evolution; International Journal of Organic Evolution, 1991, 45, 1162.	2.3	127
34	Genetic variation in life-history reaction norms in a marine fish. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1693-1699.	2.6	124
35	Is scientific inquiry incompatible with government information control?. Canadian Journal of Fisheries and Aquatic Sciences, 1997, 54, 1198-1210.	1.4	121
36	Sexâ€“biased dispersal in a salmonid fish. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2487-2493.	2.6	116

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37	Lakeward Migrations by Juvenile Atlantic Salmon, Salmo salar. Canadian Journal of Fisheries and Aquatic Sciences, 1986, 43, 732-741.	1.4	105
38	Testing hypotheses about fecundity, body size and maternal condition in fishes. Fish and Fisheries, 2004, 5, 120-130.	5.3	103
39	The Influence of Phylogeny, Size and Behaviour on Patterns of Covariation in Salmonid Life Histories. Oikos, 1985, 45, 118.	2.7	92
40	Geographic Variation in the Spawning of Atlantic Cod, Gadus morhua, in the Northwest Atlantic. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 2457-2467.	1.4	90
41	Trends in the abundance of marine fishes. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1205-1210.	1.4	90
42	Consequences of fisheries-induced evolution for population productivity and recovery potential. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2571-2579.	2.6	84
43	Generation of Priority Research Questions to Inform Conservation Policy and Management at a National Level. Conservation Biology, 2011, 25, 476-484.	4.7	80
44	Depensation, probability of fertilization, and the mating system of Atlantic cod (Gadus morhua L.). ICES Journal of Marine Science, 2004, 61, 1144-1150.	2.5	79
45	Correlates of recovery for Canadian Atlantic cod (Gadus morhua)¹This review is part of the virtual symposium â€œFlagship Speciesâ€‰â€“â€‰Flagship Problemsâ€•that deals with ecology, biodiversity and management issues, and climate impacts on species at risk and of Canadian importance, including the polar bear (Ursus maritimus), Atlantic cod (Gadus morhua), Piping Plover (Charadrius melodus), and caribou (Rangifer tarandus).. Canadian Journal of Zoology, 2011, 89, 386-400.	1.0	78
46	Adaptive phenotypic plasticity in brook trout, Salvelinus fontinalis, life histories. Ecoscience, 1996, 3, 25-32.	1.4	77
47	Sound Production by Atlantic Cod during Spawning. Transactions of the American Fisheries Society, 2006, 135, 529-538.	1.4	77
48	Age- and Size-Specific Costs of Reproduction within Populations of Brook Trout, Salvelinus fontinalis. Oikos, 1994, 70, 12.	2.7	76
49	The influence of male parr body size and mate competition on fertilization success and effective population size in Atlantic salmon. Heredity, 2001, 86, 675-684.	2.6	75
50	INDIVIDUAL VARIATION IN ATLANTIC SALMON FERTILIZATION SUCCESS: IMPLICATIONS FOR EFFECTIVE POPULATION SIZE. , 2002, 12, 184-193.		70
51	Dominance relationships and behavioural correlates of individual spawning success in farmed and wild male Atlantic salmon, Salmo salar. Journal of Animal Ecology, 2004, 73, 1069-1079.	2.8	70
52	Genetic and environmental components of phenotypic variation in body shape among populations of Atlantic cod (Gadus morhua L.). Biological Journal of the Linnean Society, 2006, 88, 351-365.	1.6	70
53	Extreme spawning-site fidelity in Atlantic cod. ICES Journal of Marine Science, 2011, 68, 1472-1477.	2.5	69
54	Countergradient variation in body shape between two populations of Atlantic cod (Gadus morhua). Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 217-223.	2.6	65

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55	Influence of growth and survival costs of reproduction on Atlantic cod, Gadus morhua, population growth rate. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 1612-1623.	1.4	64
56	Gutting Canada's Fisheries Act: No Fishery, No Fish Habitat Protection. Fisheries, 2013, 38, 497-501.	0.8	63
57	Thresholds for impaired species recovery. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150654.	2.6	63
58	Loss of historical immigration and the unsuccessful rehabilitation of extirpated salmon populations. Conservation Genetics, 2007, 8, 527-546.	1.5	62
59	Consequences of farmedâ€“wild hybridization across divergent wild populations and multiple traits in salmon. Ecological Applications, 2010, 20, 935-953.	3.8	62
60	Environmental Quality Predicts Optimal Egg Size in the Wild. American Naturalist, 2013, 182, 76-90.	2.1	62
61	Conservation biology of marine fishes: perceptions and caveats regarding assignment of extinction risk. Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 108-121.	1.4	59
62	The threat of extinction to native populations experiencing spawning intrusions by cultured Atlantic salmon. Aquaculture, 1991, 98, 119-132.	3.5	58
63	Prevalence and recurrence of escaped farmed Atlantic salmon (Salmo salar) in eastern North American rivers. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2807-2826.	1.4	58
64	Reduced anti-predator responses in multi-generational hybrids of farmed and wild Atlantic salmon (Salmo salar L.). Conservation Genetics, 2010, 11, 785-794.	1.5	58
65	Conservation biology of marine fishes: perceptions and caveats regarding assignment of eÃ—tinction risk. Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 108-121.	1.4	58
66	Transcriptomic responses to environmental change in fishes: Insights from RNA sequencing. Facets, 2017, 2, 610-641.	2.4	57
67	Small-scale temporal and spatial variation in Atlantic cod (Gadus morhua) life history. Canadian Journal of Fisheries and Aquatic Sciences, 2003, 60, 1111-1121.	1.4	56
68	A Tale of Two Acts: Endangered Species Listing Practices in Canada and the United States. BioScience, 2013, 63, 723-734.	4.9	56
69	ORIGINAL ARTICLE: Avoidance of fisheriesâ€induced evolution: management implications for catch selectivity and limit reference points. Evolutionary Applications, 2009, 2, 324-334.	3.1	55
70	The cod that got away. Nature, 2004, 428, 899-900.	27.8	53
71	The function of sound production by Atlantic cod as inferred from patterns of variation in drumming muscle mass. Canadian Journal of Zoology, 2004, 82, 1391-1398.	1.0	52
72	Allee Effect and the Uncertainty of Population Recovery. Conservation Biology, 2014, 28, 790-798.	4.7	52

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73	Temporal correlations in population trends: Conservation implications from time-series analysis of diverse animal taxa. Biological Conservation, 2015, 192, 247-257.	4.1	52
74	A framework for understanding Atlantic salmon (Salmo salar) life history. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 48-58.	1.4	51
75	Population size, habitat fragmentation, and the nature of adaptive variation in a stream fish. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140370.	2.6	51
76	Potential for anthropogenic disturbances to influence evolutionary change in the life history of a threatened salmonid. Evolutionary Applications, 2008, 1, 271-285.	3.1	50
77	Consequences of sexual selection for fisheriesâ€induced evolution: an exploratory analysis. Evolutionary Applications, 2008, 1, 129-136.	3.1	47
78	The relationship between offspring size and fitness: integrating theory and empiricism. Ecology, 2013, 94, 315-324.	3.2	47
79	Stable coexistence of genetically divergent Atlantic cod ecotypes at multiple spatial scales. Evolutionary Applications, 2018, 11, 1527-1539.	3.1	47
80	Escalation of an asymmetric contest: mortality resulting from mate competition in Atlantic salmon, Salmo salar. Canadian Journal of Zoology, 1987, 65, 766-768.	1.0	46
81	Renaissance of a caveat: Allee effects in marine fish. ICES Journal of Marine Science, 2014, 71, 2152-2157.	2.5	46
82	Increasing biological realism of fisheries stock assessment: towards hierarchical Bayesian methods. Environmental Reviews, 2012, 20, 135-151.	4.5	45
83	Differences in transcription levels among wild, domesticated, and hybrid Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	45
84	Concurrent habitat and life history influences on effective/census population size ratios in streamâ€dwelling trout. Ecology and Evolution, 2012, 2, 562-573.	1.9	44
85	Life-history variability and conservation status of landlocked Atlantic salmon: an overview. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 1697-1708.	1.4	42
86	Populationâ€specific gene expression responses to hybridization between farm and wild Atlantic salmon. Evolutionary Applications, 2009, 2, 489-503.	3.1	40
87	Relative risks of inbreeding and outbreeding depression in the wild in endangered salmon. Evolutionary Applications, 2011, 4, 634-647.	3.1	39
88	Divergent compensatory growth responses within species: linked to contrasting migrations in salmon?. Oecologia, 2007, 153, 543-553.	2.0	38
89	Evolutionary and ecological feedbacks of the survival cost of reproduction. Evolutionary Applications, 2012, 5, 245-255.	3.1	38
90	Spawning behaviour and success of mature male Atlantic salmon (Salmo salar) parr of farmed and wild origin. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 1153-1160.	1.4	37

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91	Long Distance Linkage Disequilibrium and Limited Hybridization Suggest Cryptic Speciation in Atlantic Cod. PLoS ONE, 2014, 9, e106380.	2.5	37
92	Consequences of Single-Locus and Tightly Linked Genomic Architectures for Evolutionary Responses to Environmental Change. Journal of Heredity, 2020, 111, 319-332.	2.4	36
93	Fitness-related consequences of competitive interactions between farmed and wild Atlantic salmon at different proportional representations of wildâ€“farmed hybrids. ICES Journal of Marine Science, 2010, 67, 657-667.	2.5	35
94	Potential for domesticatedâ€“wild interbreeding to induce maladaptive phenology across multiple populations of wild Atlantic salmon (Salmo salar). Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1768-1775.	1.4	35
95	Relationship of habitat variability to population size in a stream fish. Ecological Applications, 2014, 24, 1085-1100.	3.8	35
96	The effects of isolation and colonization history on the genetic structure of marine-relict populations of Atlantic cod (Gadus morhua) in the Canadian Arctic. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 1830-1839.	1.4	34
97	Correlates of Vertebrate Extinction Risk in Canada. BioScience, 2011, 61, 538-549.	4.9	34
98	Red flags: correlates of impaired species recovery. Trends in Ecology and Evolution, 2012, 27, 542-546.	8.7	34
99	Maternal age effects on Atlantic cod recruitment and implications for future population trajectories. ICES Journal of Marine Science, 2015, 72, 1769-1778.	2.5	34
100	Genetic architecture of age at maturity can generate divergent and disruptive harvest-induced evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160035.	4.0	31
101	Canada's Marine Species at Risk: Science and Law at the Helm, but a Sea of Uncertainties. Ocean Development and International Law, 2005, 36, 219-259.	0.7	29
102	Fundamental populationâ€“productivity relationships can be modified through densityâ€dependent feedbacks of lifeâ€history evolution. Evolutionary Applications, 2014, 7, 1218-1225.	3.1	29
103	Harvestâ€induced evolution and effective population size. Evolutionary Applications, 2016, 9, 658-672.	3.1	29
104	Implications of fisheriesâ€induced evolution for population recovery: Refocusing the science and refining its communication. Fish and Fisheries, 2020, 21, 453-464.	5.3	29
105	Environmental and Genetic Influences on Stock Identification Characters. , 2005, , 45-85.		28
106	Nonrandom mating in a broadcast spawner: mate size influences reproductive success in Atlantic cod (Gadus morhua). Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 219-226.	1.4	28
107	Effects of domestication on parr maturity, growth, and vulnerability to predation in Atlantic salmon. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1371-1384.	1.4	28
108	Canadian species at risk (2006â€“2008), with particular emphasis on fishes. Environmental Reviews, 2009, 17, 53-65.	4.5	27

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109	Increased environmentally driven recruitment variability decreases resilience to fishing and increases uncertainty of recovery. ICES Journal of Marine Science, 2014, 71, 1507-1514.	2.5	27
110	Unintentional selection, unanticipated insights: introductions, stocking and the evolutionary ecology of fishes. Journal of Fish Biology, 2014, 85, 1907-1926.	1.6	27
111	Variation in spawning time promotes genetic variability in population responses to environmental change in a marine fish. , 2015, 3, cov027.		27
112	The Potential for Spatial Distribution Indices to Signal Thresholds in Marine Fish Biomass. PLoS ONE, 2015, 10, e0120500.	2.5	27
113	Genetic variability in reaction norms in fishes. Environmental Reviews, 2015, 23, 353-366.	4.5	27
114	Selection against parr maturation in Atlantic salmon. Aquaculture, 1986, 53, 313-320.	3.5	26
115	Maternal and paternal effects on fitness correlates in outbred and inbred Atlantic salmon (<i>Salmo) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	26
116	Temporal changes in harvesting dynamics of Canadian inshore fisheries for northern Atlantic cod, <i>Gadus morhua</i>. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 805-814.	1.4	25
117	Genetic variability in reaction norms between farmed and wild backcrosses of Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Overl	1.4	25
118	Body size-specific maternal effects on the offspring environment shape juvenile phenotypes in Atlantic salmon. Oecologia, 2011, 166, 889-898.	2.0	24
119	Risk Assessment of Inbreeding and Outbreeding Depression in a Captiveâ€Breeding Program. Conservation Biology, 2014, 28, 529-540.	4.7	22
120	Canadaâ€™s international and national commitments to sustain marine biodiversity¹This manuscript is a companion paper to Hutchings et al. (doi:10.1139/a2012-011) and Hutchings et al. (doi:10.1139/er-2012-0049) also appearing in this issue. These three papers comprise an edited version of a February 2012 Royal Society of Canada Expert Panel Report.. Environmental Reviews, 2012, 20, 312-352.	4.5	21
121	Increased natural mortality at low abundance can generate an Allee effect in a marine fish. Royal Society Open Science, 2014, 1, 140075.	2.4	21
122	Communication of Science Advice to Government. Trends in Ecology and Evolution, 2016, 31, 7-11.	8.7	21
123	Sexual dimorphism in pelvic fin length of Atlantic cod. Canadian Journal of Zoology, 2006, 84, 865-870.	1.0	20
124	Climate change, fisheries, and aquaculture: trends and consequences for Canadian marine biodiversity ¹This manuscript is a companion paper to Vander Zwaag et al. (doi:10.1139/a2012-013) and Hutchings et al. (doi:10.1139/er-2012-0049) also appearing in this issue. These three papers comprise an edited version of a February 2012 Royal Society of Canada Expert Panel Report.. Environmental Reviews, 2012, 20, 220-311.	4.5	20
125	Is Canada fulfilling its obligations to sustain marine biodiversity? A summary review, conclusions, and recommendations 1This manuscript is a companion paper to Hutchings et al. (doi:10.1139/a2012-011) and VanderZwaag et al. (doi:10.1139/a2012-013) also appearing in this issue. These three papers comprise an edited version of a February 2012 Royal Society of Canada Expert Panel Report.. Environmental Reviews, 2012, 20, 353-361.	4.5	20
126	Thermal variability during ectotherm egg incubation: A synthesis and framework. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2021, 335, 59-71.	1.9	20

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127	Influence of dams on population persistence in Atlantic salmon (Salmo salar). Canadian Journal of Zoology, 2016, 94, 329-338.	1.0	19
128	A temporally stable spatial pattern in the spawner density of a freshwater fish: evidence for an ideal despotic distribution. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 382-388.	1.4	18
129	Empirical links between natural mortality and recovery in marine fishes. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170693.	2.6	18
130	A Brief History of Fisheries in Canada. Fisheries, 2020, 45, 303-318.	0.8	18
131	Comparative analysis of abundanceâ€“occupancy relationships for species at risk at both broad taxonomic and spatial scales. Canadian Journal of Zoology, 2015, 93, 515-519.	1.0	17
132	Increasing temperatures accentuate negative fitness consequences of a marine parasite. Scientific Reports, 2020, 10, 18467.	3.3	17
133	Survival consequences of sex-biased growth and the absence of a growth-mortality trade-off. Functional Ecology, 2006, 20, 347-353.	3.6	16
134	Scientific advice on species at risk: a comparative analysis of status assessments of polar bear,Ursus maritimus. Environmental Reviews, 2009, 17, 45-51.	4.5	16
135	Hybridization effects on phenotypic plasticity: experimental compensatory growth in farmedâ€wild Atlantic salmon. Evolutionary Applications, 2011, 4, 444-458.	3.1	16
136	A Spurious Correlation in an Interpopulation Comparison of Atlantic Salmon Life Histories. Ecology, 1987, 68, 1839-1843.	3.2	15
137	The Between-Population Genetic Architecture of Growth, Maturation, and Plasticity in Atlantic Salmon. Genetics, 2014, 196, 1277-1291.	2.9	15
138	Trends in the size and age structure of marine fishes. ICES Journal of Marine Science, 2019, 76, 938-945.	2.5	15
139	Life history responses to environmental variability in early life. , 1997, , 139-168.		15
140	Differences in pathogen resistance within and among cultured, conservation-dependent, and endangered populations of Atlantic salmon, Salmo salar L.. Environmental Biology of Fishes, 2009, 84, 69-78.	1.0	14
141	The influence of hybridization with domesticated conspecifics on alternative reproductive phenotypes in male Atlantic salmon in multiple temperature regimes. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 1138-1145.	1.4	14
142	Small-scale life history variability suggests potential for spatial mismatches in Atlantic cod management units. ICES Journal of Marine Science, 2016, 73, 286-292.	2.5	14
143	The role of fish life histories in allometrically scaled foodâ€web dynamics. Ecology and Evolution, 2019, 9, 3651-3660.	1.9	14
144	Throwing down a genomic gauntlet on fisheries-induced evolution. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	14

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145	The influence of male parr body size and mate competition on fertilization success and effective population size in Atlantic salmon. Heredity, 2001, 86, 675-684.	2.6	14
146	The Ecology of Atlantic Cod (<i>Gadus morhua</i>) in Canadian Arctic Lakes. Arctic, 2011, 64, .	0.4	14
147	The independence of enzyme heterozygosity and life-history traits in natural populations of Salvelinus fontinalis (brook trout). Heredity, 1992, 69, 496-502.	2.6	13
148	Temporal variability in offspring quality and individual reproductive output in a broadcast-spawning marine fish. ICES Journal of Marine Science, 2018, 75, 1353-1361.	2.5	13
149	Multipleâ€batch spawning as a betâ€hedging strategy in highly stochastic environments: An exploratory analysis of Atlantic cod. Evolutionary Applications, 2021, 14, 1980-1992.	3.1	13
150	Combining population genomics with demographic analyses highlights habitat patchiness and larval dispersal as determinants of connectivity in coastal fish species. Molecular Ecology, 2022, 31, 2562-2577.	3.9	13
151	Five centuries of cod catches in Eastern Canada. ICES Journal of Marine Science, 2021, 78, 2675-2683.	2.5	12
152	Genetic variation in plasticity of life-history traits between Atlantic cod (Gadus morhua) populations exposed to contrasting thermal regimes. Canadian Journal of Zoology, 2016, 94, 257-264.	1.0	11
153	When phenotypes fail to illuminate underlying genetic processes in fish and fisheries science. ICES Journal of Marine Science, 2019, 76, 999-1006.	2.5	11
154	Trends in marine survival of Atlantic salmon populations in eastern Canada. ICES Journal of Marine Science, 2021, 78, 2460-2473.	2.5	11
155	Impediments to fisheries recovery in Canada: Policy and institutional constraints on developing management practices compliant with the precautionary approach. Marine Policy, 2020, 121, 104161.	3.2	11
156	Disentangling conditional effects of multiple regime shifts on Atlantic cod productivity. PLoS ONE, 2020, 15, e0237414.	2.5	11
157	Genomic reaction norms inform predictions of plastic and adaptive responses to climate change. Journal of Animal Ecology, 2022, 91, 1073-1087.	2.8	11
158	Stock structure and seasonal distribution patterns of American lobster, Homarus americanus, inferred through movement analyses. Fisheries Research, 2008, 90, 279-288.	1.7	10
159	A genetic comparison of sympatric anadromous and resident Atlantic salmon. Ecology of Freshwater Fish, 2016, 25, 307-317.	1.4	10
160	Allee effects and the Allee-effect zone in northwest Atlantic cod. Biology Letters, 2022, 18, 20210439.	2.3	10
161	A cost of reproduction in male Atlantic cod (GadusÂmorhua). Canadian Journal of Zoology, 2010, 88, 595-600.	1.0	9
162	Why does egg size of salmonids increase with the mean size of population spawning gravels?. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1307-1315.	1.4	9

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163	Ghosts of fisheries-induced depletions: do they haunt us still?. ICES Journal of Marine Science, 2014, 71, 1467-1473.	2.5	9
164	Influence of population decline, fishing, and spawner variability on the recovery of marine fishes. Journal of Fish Biology, 2001, 59, 306-322.	1.6	9
165	Tensions in the communication of science advice on fish and fisheries: northern cod, species at risk, sustainable seafood. ICES Journal of Marine Science, 2022, 79, 308-318.	2.5	9
166	Behavioural implications of intraspecific life history variation. Marine and Freshwater Behaviour and Physiology, 1993, 23, 187-203.	0.9	8
167	Title is missing!. Conservation Genetics, 2001, 2, 245-256.	1.5	8
168	Shifting reproductive success in a shoal of Atlantic Cod, Gadus morhua L.. Environmental Biology of Fishes, 2010, 88, 311-318.	1.0	8
169	Patterns of Aggression and Operational Sex Ratio Within Alternative Male Phenotypes in Atlantic Salmon. Ethology, 2010, 116, 166-175.	1.1	8
170	Plastic responses by wild brown trout (Salmo trutta) to plant-based diets. Aquaculture, 2017, 476, 19-28.	3.5	8
171	Sustaining Canadian marine biodiversity: Policy and statutory progress. Facets, 2020, 5, 264-288.	2.4	8
172	Lobster reserves as a management tool in coastal waters: Two decades of experience in Norway. Marine Policy, 2022, 136, 104908.	3.2	8
173	Diffusion of American lobster (Homarus americanus) in Northumberland Strait, Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 659-671.	1.4	7
174	Spatial reference points for groundfish. ICES Journal of Marine Science, 2016, 73, 2468-2478.	2.5	7
175	Cyclical and stochastic thermal variability affects survival and growth in brook trout. Journal of Thermal Biology, 2019, 84, 221-227.	2.5	7
176	Why do Fish Stocks Collapse? The Example of Cod in Atlantic Canada. , 1997, 7, 91.		7
177	A generic target for species recovery. Canadian Journal of Zoology, 2014, 92, 371-376.	1.0	6
178	Fineâ€scale population differences in Atlantic cod reproductive success: A potential mechanism for ecological speciation in a marine fish. Ecology and Evolution, 2018, 8, 11634-11644.	1.9	6
179	Estimating marine survival of Atlantic salmon using an inverse matrix approach. PLoS ONE, 2020, 15, e0232407.	2.5	5
180	The influence of ocean warming on the natural mortality of marine fishes. Environmental Biology of Fishes, 0, , 1.	1.0	5

#	Article	IF	Citations
181	Marine Species at Risk Protection in Australia and Canada: Paper Promises, Paltry Progressions. Ocean Development and International Law, 2016, 47, 233-254.	0.7	4
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