Paul Bentzen

List of Publications by Year
in descending order

191	9,949	36203 51	45213 90
papers	citations	h-index	g-index

196	196	196	7932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The statistical analysis of mitochondrial DNA polymorphisms: chi 2 and the problem of small samples.. Molecular Biology and Evolution, 1989, 6, 539-45.	3.5	763
2	Identifying Canadian Freshwater Fishes through DNA Barcodes. PLoS ONE, 2008, 3, e2490.	1.1	498
3	Rapid Evolution of Reproductive Isolation in the Wild: Evidence from Introduced Salmon. Science, 2000, 290, 516-518.	6.0	477
4	The relative influence of natural selection and geography on gene flow in guppies. Molecular Ecology, 2005, 15, 49-62.	2.0	266
5	Global patterns in marine dispersal estimates: the influence of geography, taxonomic category and life history. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1803-1809.	1.2	249
6	A consolidated linkage map for rainbow trout (Oncorhynchus mykiss). Animal Genetics, 2003, 34, 102-115.	0.6	207
7	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.	1.2	206
8	Microsatellite polymorphism and the population structure of Atlantic cod (Gadus morhua) in the northwest Atlantic. Canadian Journal of Fisheries and Aquatic Sciences, 1996, 53, 2706-2721.	0.7	194
9	Microsatellites: genetic markers for the future. Reviews in Fish Biology and Fisheries, 1994, 4, 384-388.	2.4	186
10	Inverse relationship between FST and microsatellite polymorphism in the marine fish, walleye pollock (Theragra chalcogramma): implications for resolving weak population structure. Molecular Ecology, 2004, 13, 1799-1814.	2.0	183
11	Polymorphic microsatellite loci from Atlantic salmon (Salmo salar): genetic differentiation of North American and European populations. Canadian Journal of Fisheries and Aquatic Sciences, 1995, 52, 1863-1872.	0.7	182
12	Organization of Microsatellites Differs between Mammals and Cold-water Teleost Fishes. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 1959-1966.	0.7	181
13	Ecology and evolution of sympatric sticklebacks (Gasterosteus): specialization for alternative trophic niches in the Enos Lake species pair. Canadian Journal of Zoology, 1984, 62, 2280-2286.	0.4	155
14	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.	1.5	140
15	Genomic islands of divergence and their consequences for the resolution of spatial structure in an exploited marine fish. Evolutionary Applications, 2013, 6, 450-461.	1.5	136
16	Genomeâ€wide single nucleotide polymorphisms reveal population history and adaptive divergence in wild guppies. Molecular Ecology, 2010, 19, 968-984.	2.0	133
17	Trans-oceanic genomic divergence of Atlantic cod ecotypes is associated with large inversions. Heredity, 2017, 119, 418-428.	1.2	108
18	Length and restriction site heteroplasmy in the mitochondrial DNA of american shad (alosa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	1.2	108

#	Article	IF	Citations
19	Characterization of seven microsatellite loci derived from pink salmon. Molecular Ecology, 1998, 7, 1087-9.	2.0	108
20	Positive relationships between genetic diversity and abundance in fishes. Molecular Ecology, 2010, 19, 4852-4862.	2.0	105
21	First Documented Case of Anadromy in a Population of Introduced Rainbow Trout in Patagonia, Argentina. Transactions of the American Fisheries Society, 2001, 130, 53-67.	0.6	102
22	Loss of genetic diversity in sea otters (Enhydra lutris) associated with the fur trade of the 18th and 19th centuries. Molecular Ecology, 2002, 11, 1899-1903.	2.0	102
23	Applications of random forest feature selection for fineâ€scale genetic population assignment. Evolutionary Applications, 2018, 11, 153-165.	1.5	101
24	Isolation of twenty low stutter di- and tetranucleotide microsatellites for population analyses of walleye pollock and other gadoids. Journal of Fish Biology, 2000, 56, 1074-1086.	0.7	95
25	RELATIVE IMPORTANCE OF SALMON BODY SIZE AND ARRIVAL TIME AT BREEDING GROUNDS TO REPRODUCTIVE SUCCESS. Ecology, 2005, 86, 347-352.	1.5	95
26	Human disturbance causes the formation of a hybrid swarm between two naturally sympatric fish species. Molecular Ecology, 2014, 23, 1137-1152.	2.0	94
27	EVIDENCE FOR MULTIPLE ORIGINS AND SYMPATRIC DIVERGENCE OF TROPHIC ECOTYPES OF SMELT(OSMERUS)IN NORTHEASTERN NORTH AMERICA. Evolution; International Journal of Organic Evolution, 1993, 47, 813-832.	1.1	92
28	Enhanced DNA Extraction and PCR Amplification of Mitochondrial Genes from Formalin-Fixed Museum Specimens. BioTechniques, 1997, 22, 394-400.	0.8	92
29	A climate-associated multispecies cryptic cline in the northwest Atlantic. Science Advances, 2018, 4, eaaq0929.	4.7	91
30	Microsatellite analysis of genetic population structure in an endangered salmonid: the coastal cutthroat trout (Oncorhynchus clarki clarki). Molecular Ecology, 1998, 7, 733-749.	2.0	90
31	Genetic structuring among Alaskan Pacific herring populations identified using microsatellite variation. Journal of Fish Biology, 1998, 53, 150-163.	0.7	88
32	Isolation of salmonid microsatellite loci and their application to the population genetics of Canadian east coast stocks of Atlantic salmon. Aquaculture, 1995, 137, 19-30.	1.7	85
33	Ultraâ€deep Illumina sequencing accurately identifies <scp>MHC</scp> class <scp>II</scp>b alleles and provides evidence for copy number variation in the guppy (Poecilia reticulata). Molecular Ecology Resources, 2014, 14, 753-767.	2.2	84
34	Kinship Analysis of Pacific Salmon: Insights Into Mating, Homing, and Timing of Reproduction. , 2001, 92, 127-136.		79
35	Non-linear genetic isolation by distance: implications for dispersal estimation in anadromous and marine fish populations. Marine Ecology - Progress Series, 2007, 340, 245-257.	0.9	77
36	Development and characterization of novel tetra-, tri-, and dinucleotide microsatellite markers in rainbow trout (Oncorhynchus mykiss). Molecular Ecology Notes, 2005, 5, 278-281.	1.7	73

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37	Mitochondrial DNA Polymorphism, Population Structure, and Life History Variation in American Shad (Alosa sapidissima). Canadian Journal of Fisheries and Aquatic Sciences, 1989, 46, 1446-1454.	0.7	70
38	The Mating System of Steelhead, Oncorhynchus mykiss, Inferred by Molecular Analysis of Parents and Progeny. Environmental Biology of Fishes, 2004, 69, 333-344.	0.4	70
39	Estimating contemporary early lifeâ€history dispersal in an estuarine fish: integrating molecular and otolith elemental approaches. Molecular Ecology, 2008, 17, 1438-1450.	2.0	69
40	Barcoding Atlantic Canada's commonly encountered marine fishes. Molecular Ecology Resources, 2013, 13, 177-188.	2.2	69
41	Reconstructing recent divergence: evaluating nonequilibrium population structure in New Zealand chinook salmon. Molecular Ecology, 2002, 11, 739-754.	2.0	67
42	MICROSATELLITE DNA AND MITOCHONDRIAL DNA VARIATION IN REMNANT AND TRANSLOCATED SEA OTTER (ENHYDRA LUTRIS) POPULATIONS. Journal of Mammalogy, 2002, 83, 893-906.	0.6	65
43	Critical review of <scp>NGS</scp> analyses for de novo genotyping multigene families. Molecular Ecology, 2014, 23, 3957-3972.	2.0	65
44	Morphological and genetic differentiation in anadromous smelt Osmerus mordax (Mitchill): disentangling the effects of geography and morphology on gene flow. Journal of Fish Biology, 2006, 69, 95-114.	0.7	64
45	Beyond lifetime reproductive success: the posthumous reproductive dynamics of male Trinidadian guppies. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131116.	1.2	62
46	Genomic stability through time despite decades of exploitation in cod on both sides of the Atlantic. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	61
47	Genotypingâ€byâ€sequencing of genomeâ€wide microsatellite loci reveals fineâ€scale harvest composition in a coastal Atlantic salmon fishery. Evolutionary Applications, 2018, 11, 918-930.	1.5	60
48	Allozyme and microsatellite loci provide discordant estimates of population differentiation in the endangered dusky grouper (Epinephelus marginatus) within the Mediterranean Sea. Molecular Ecology, 2001, 10, 2163-2175.	2.0	59
49	Differential reproductive success of sympatric, naturally spawning hatchery and wild steelhead trout (Oncorhynchus mykiss) through the adult stage. Canadian Journal of Fisheries and Aquatic Sciences, 2003, 60, 433-440.	0.7	59
50	Evaluating SNP ascertainment bias and its impact on population assignment in Atlantic cod, Gadus morhua. Molecular Ecology Resources, 2011, 11, 218-225.	2.2	59
51	<scp>megasat</scp>: automated inference of microsatellite genotypes from sequence data. Molecular Ecology Resources, 2017, 17, 247-256.	2.2	59
52	The hypervariable domain of the mitochondrial control region in Atlantic spiny lobsters and its potential as a marker for investigating phylogeographic structuring. Marine Biotechnology, 2005, 7, 462-473.	1.1	56
53	Cloning of Hypervariable Minisatellite and Simple Sequence Microsatellite Repeats for DNA Fingerprinting of Important Aquacultural Species of Salmonids and Tilapia. Exs, 1991, , 243-262.	1.4	56
54	Genetic diversity and differentiation in a wide ranging anadromous fish, <scp>A</scp>merican shad (<scp>A</scp>losa sapidissima), is correlated with latitude. Molecular Ecology, 2013, 22, 1558-1573.	2.0	55

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55	Ancient chromosomal rearrangement associated with local adaptation of a postglacially colonized population of Atlantic Cod in the northwest Atlantic. Molecular Ecology, 2018, 27, 339-351.	2.0	55
56	Eco-Evolutionary Feedbacks Predict the Time Course of Rapid Life-History Evolution. American Naturalist, 2019, 194, 671-692.	1.0	55
57	Microsatellites Reveal Population Identity of Individual Pink Salmon to Allow Supportive Breeding of a Population at Risk of Extinction. Transactions of the American Fisheries Society, 2000, 129, 232-242.	0.6	54
58	Genomic signatures and correlates of widespread population declines in salmon. Nature Communications, 2019, 10, 2996.	5.8	52
59	Evolutionary genetics of immunological supertypes reveals two faces of the Red Queen. Nature Communications, 2017, 8, 1294.	5.8	51
60	Evidence for Multiple Origins and Sympatric Divergence of Trophic Ecotypes of Smelt (Osmerus) in Northeastern North America. Evolution; International Journal of Organic Evolution, 1993, 47, 813.	1.1	49
61	Selection analysis on the rapid evolution of a secondary sexual trait. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151244.	1.2	46
62	Characterization of coastal cutthroat trout (Oncorhynchus clarki clarki) microsatellites and their conservation in other salmonids. Molecular Ecology, 1998, 7, 787-9.	2.0	46
63	Nonrandom, Size- and Timing-Biased Breeding in a Hatchery Population of Steelhead Trout. Conservation Biology, 2005, 19, 446-454.	2.4	45
64	The effects of adult length and arrival date on individual reproductive success in wild steelhead trout (Oncorhynchus mykiss). Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 193-204.	0.7	43
65	Adaptive phenotypic response to climate enabled by epigenetics in a K-strategy species, the fish Leucoraja ocellata (Rajidae). Royal Society Open Science, 2016, 3, 160299.	1.1	43
66	Molecular genetic evidence for reproductive isolation between sympatric populations of smelt Osmerus in Lake Utopia, south-western New Brunswick, Canada. Molecular Ecology, 1993, 2, 345-357.	2.0	42
67	Molecular Markers Distinguish Coastal Cutthroat Trout from Coastal Rainbow Trout/Steelhead and Their Hybrids. Transactions of the American Fisheries Society, 2002, 131, 404-417.	0.6	42
68	A migration-associated supergene reveals loss of biocomplexity in Atlantic cod. Science Advances, 2019, 5, eaav2461.	4.7	42
69	Modular chromosome rearrangements reveal parallel and nonparallel adaptation in a marine fish. Ecology and Evolution, 2020, 10, 638-653.	0.8	40
70	Ecology and evolution of sympatric sticklebacks (Gasterosteus): spatial segregation and seasonal habitat shifts in the Enos Lake species pair. Canadian Journal of Zoology, 1984, 62, 2436-2439.	0.4	39
71	Mitochondrial DNA Differentiation in Western North Atlantic Populations of Haddock (Melanogrammus aeglefinus). Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 2527-2537.	0.7	39
72	Nucleotide sequence and evolutionary conservation of a minisatellite variable number tandem repeat cloned from Atlantic salmon, Salmo salar. Genome, 1993, 36, 271-277.	0.9	39

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73	Tandem repeat polymorphism and heteroplasmy in the mitochondrial control region of redfishes (Sebastes: Scorpaenidae). , 1998, 89, 1-7.		39
74	Do stressful conditions make adaptation difficult? Guppies in the oilâ€polluted environments of southern Trinidad. Evolutionary Applications, 2015, 8, 854-870.	1.5	39
75	Genetic Interpretation of Broad-Scale Microsatellite Polymorphism in Odd-Year Pink Salmon. Transactions of the American Fisheries Society, 1998, 127, 535-550.	0.6	37
76	Variation in reproductive success and effective number of breeders in a hatchery population of steelhead trout (Oncorhynchus mykiss): examination by microsatellite-based parentage analysis. Conservation Genetics, 2008, 9, 295-304.	0.8	37
77	Adding parasites to the guppy-predation story: insights from field surveys. Oecologia, 2013, 172, 155-166.	0.9	37
78	Long Distance Linkage Disequilibrium and Limited Hybridization Suggest Cryptic Speciation in Atlantic Cod. PLoS ONE, 2014, 9, e106380.	1.1	37
79	Sexâ€biased marine survival and growth in a population of coho salmon. Journal of Fish Biology, 1998, 52, 907-915.	0.7	36
80	Evidence for Fine-Scale Natal Homing Among Island Beach Spawning Sockeye Salmon, Oncorhynchus nerka. Environmental Biology of Fishes, 2003, 67, 77-85.	0.4	36
81	Differential Reproductive Success of Sympatric, Naturally Spawning Hatchery and Wild Steelhead, Oncorhynchus mykiss. Environmental Biology of Fishes, 2004, 69, 359-369.	0.4	36
82	A molecular dissection of the mating system of the Dungeness crab, Metacarcinus magister (Brachyura: Cancridae). Journal of Crustacean Biology, 2012, 32, 443-456.	0.3	36
83	Genomic evidence of past and future climate-linked loss in a migratory Arctic fish. Nature Climate Change, 2021, 11, 158-165.	8.1	36
84	Population Structure as Revealed by mtDNA and Microsatellites in Northern Fur Seals, Callorhinus ursinus, throughout Their Range. PLoS ONE, 2010, 5, e10671.	1.1	35
85	Range-wide parallel climate-associated genomic clines in Atlantic salmon. Royal Society Open Science, 2017, 4, 171394.	1.1	35
86	Isolation and Characterization of Twelve Microsatellite Loci for Rockfish (Sebastes). Marine Biotechnology, 1999, 1, 311-315.	1.1	34
87	Low genetic connectivity in an estuarine fish with pelagic larvae. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 147-158.	0.7	34
88	Otolith elemental composition and adult tagging reveal spawning site fidelity and estuarine dependency in rainbow smelt. Marine Ecology - Progress Series, 2008, 368, 255-268.	0.9	34
89	Chromosome polymorphisms track transâ€Atlantic divergence and secondary contact in Atlantic salmon. Molecular Ecology, 2019, 28, 2074-2087.	2.0	33
90	Loss of genetic diversity and reduction of genetic distance among lake trout Salvelinus namaycush ecomorphs, Lake Superior 1959 to 2013. Journal of Great Lakes Research, 2016, 42, 204-216.	0.8	32

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91	Resolving fineâ€scale population structure and fishery exploitation using sequenced microsatellites in a northern fish. Evolutionary Applications, 2020, 13, 1055-1068.	1.5	32
92	Genetic differentiation in walleye pollock (Theragra chalcogramma) in response to selection at the pantophysin (PanI) locus. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 2519-2529.	0.7	31
93	Ecoâ€evolutionary effects on population recovery following catastrophic disturbance. Evolutionary Applications, 2011, 4, 354-366.	1.5	31
94	Estimating the relative fitness of escaped farmed salmon offspring in the wild and modelling the consequences of invasion for wild populations. Evolutionary Applications, 2019, 12, 705-717.	1.5	30
95	A novel synthetic probe for DNA fingerprinting salmonid fishes. Journal of Fish Biology, 1993, 43, 313-316.	0.7	29
96	Development, characterisation, inheritance, and cross-species utility of American lobster (Homarus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	29
97	Taking stock: defining populations of American shad (Alosa sapidissima) in Canada using neutral genetic markers. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1021-1039.	0.7	29
98	Isolation of nine novel tetranucleotide microsatellites in Atlantic herring (Clupea harengus). Molecular Ecology Notes, 2001, 1, 31-32.	1.7	27
99	The Aunt and Uncle Effect: An Empirical Evaluation of the Confounding Influence of Full Sibs of Parents on Pedigree Reconstruction. , 2001, 92, 243-247.		27
100	Range-wide regional assignment of Atlantic salmon (Salmo salar) using genome wide single-nucleotide polymorphisms. Fisheries Research, 2018, 206, 163-175.	0.9	27
101	Phylogenetic Relationships of Esocoid Fishes (Teleostei) Based on Partial Cytochromeband 16S Mitochondrial DNA Sequences. Copeia, 2000, 2000, 420-431.	1.4	26
102	Genetic and Behavioral Evidence for Restricted Gene Flow among Coastal Cutthroat Trout Populations. Transactions of the American Fisheries Society, 2001, 130, 1049-1069.	0.6	26
103	Environmental extremes drive population structure at the northern range limit of Atlantic salmon in North America. Molecular Ecology, 2018, 27, 4026-4040.	2.0	26
104	Synchronized hatch and its ecological significance in rainbow smelt Osmerus mordax in St. Mary's Bay, Newfoundland. Limnology and Oceanography, 2004, 49, 2310-2315.	1.6	25
105	Historical influences dominate the population genetic structure of a sedentary marine fish, Atlantic wolffish (Anarhichas lupus), across the North Atlantic Ocean. Molecular Ecology, 2010, 19, 4228-4241.	2.0	25
106	Barcoding Atlantic Canadaâ€™s mesopelagic and upper bathypelagic marine fishes. PLoS ONE, 2017, 12, e0185173.	1.1	25
107	Genetic diversity and structure of two hybridizing anadromous fishes (Alosa pseudoharengus, Alosa) Tj ETQq1 1 0.784314 rgBT /Over	0.8	24
108	Genetic relationships among the shads (Alosa) revealed by mitochondrial DNA analysis. Journal of Fish Biology, 1993, 43, 909-917.	0.7	23

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109	Microsatellite markers discriminate three species of North Atlantic wolffishes (Anarhichas spp.). Journal of Fish Biology, 2008, 72, 375-385.	0.7	23
110	Spatioâ€temporal dynamics of densityâ€dependent dispersal during a population colonisation. Ecology Letters, 2019, 22, 634-644.	3.0	23
111	Evidence for Positive Selection at the Pantophysin (Pan I) Locus in Walleye Pollock, Theragra chalcogramma. Molecular Biology and Evolution, 2004, 21, 1391-1400.	3.5	22
112	Heritability of Life History and Morphological Traits in a Wild Pink Salmon Population Assessed by DNA Parentage Analysis. Transactions of the American Fisheries Society, 2005, 134, 1323-1328.	0.6	22
113	Larval transport, vertical distribution, and localized recruitment in anadromous rainbow smelt (Osmerus mordax). Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 2822-2836.	0.7	22
114	DNA barcoding of Canadaâ€™s skates. Molecular Ecology Resources, 2011, 11, 968-978.	2.2	22
115	Polymorphic tetranucleotide microsatellite markers in the Caribbean spiny lobster, Panulirus argus. Molecular Ecology Notes, 2004, 4, 327-329.	1.7	21
116	Characterization of tetranucleotide microsatellite markers in guppy (Poecilia reticulata). Molecular Ecology Notes, 2005, 5, 269-271.	1.7	21
117	Chromosome level reference of Atlantic halibut Hippoglossushippoglossus provides insight into the evolution of sexual determination systems. Molecular Ecology Resources, 2021, 21, 1686-1696.	2.2	21
118	Temporal Variation in Phenotypic and Genotypic Traits in Two Sockeye Salmon Populations, Tustumena Lake, Alaska. Transactions of the American Fisheries Society, 2000, 129, 1031-1043.	0.6	20
119	Divergent and linked selection shape patterns of genomic differentiation between European and North American Atlantic salmon (Salmo salar). Molecular Ecology, 2020, 29, 2160-2175.	2.0	20
120	Phylogeography of 3 North Atlantic Wolffish species (Anarhichas spp.) with Phylogenetic Relationships within the Family Anarhichadidae. Journal of Heredity, 2010, 101, 591-601.	1.0	18
121	A putative structural variant and environmental variation associated with genomic divergence across the Northwest Atlantic in Atlantic Halibut. ICES Journal of Marine Science, 2021, 78, 2371-2384.	1.2	18
122	Both Geography and Ecology Contribute to Mating Isolation in Guppies. PLoS ONE, 2010, 5, e15659.	1.1	17
123	Evidence for contemporary and historical gene flow between guppy populations in different watersheds, with a test for associations with adaptive traits. Ecology and Evolution, 2019, 9, 4504-4517.	0.8	17
124	Semiautomated multilocus genotyping of Pacific salmon (Oncorhnychus spp.) using microsatellites. Molecular Marine Biology and Biotechnology, 1996, 5, 259-72.	0.4	17
125	Isolation and characterization of di- and tetranucleotide microsatellite loci in geoduck clams, Panopea abrupta. Molecular Ecology, 2000, 9, 1435-1436.	2.0	16
126	Application of a double-enrichment procedure for microsatellite isolation and the use of tailed primers for high throughput genotyping. Genetics and Molecular Biology, 2007, 30, 380-384.	0.6	16

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127	Reference genome of lumpfish Cyclopterus lumpus Linnaeus provides evidence of male heterogametic sex determination through the AMH pathway. Molecular Ecology Resources, 2022, 22, 1427-1439.	2.2	16
128	Isolation and differentiation of Rivulus hartii across Trinidad and neighboring islands. Molecular Ecology, 2011, 20, 601-618.	2.0	15
129	Genetic and phenotypic variation along an ecological gradient in lake trout Salvelinus namaycush. BMC Evolutionary Biology, 2016, 16, 219.	3.2	15
130	<scp>PMERGE</scp>: Computational filtering of paralogous sequences from <scp>RAD</scp>â€seq data. Ecology and Evolution, 2018, 8, 7002-7013.	0.8	15
131	Range-wide genetic assignment confirms long-distance oceanic migration in Atlantic salmon over half a century. ICES Journal of Marine Science, 2021, 78, 1434-1443.	1.2	15
132	Characterization of di- and tetranucleotide microsatellite markers in rainbow smelt (Osmerus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.7	14
133	RADProc: A computationally efficient de novo locus assembler for population studies using RADseq data. Molecular Ecology Resources, 2019, 19, 272-282.	2.2	14
134	Microsatellites in the overexploited spiny lobster, Panulirus argus: Isolation, characterization of loci and potential for intraspecific variability studies. Conservation Genetics, 2006, 6, 637-641.	0.8	13
135	Multiple decades of stocking has resulted in limited hatchery introgression in wild brook trout () Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	13
136	Genomic basis of deepâ€water adaptation in Arctic Charr (Salvelinus alpinus) morphs. Molecular Ecology, 2021, 30, 4415-4432.	2.0	13
137	DOES SIZE MATTER? FITNESS-RELATED FACTORS IN STEELHEAD TROUT DETERMINED BY GENETIC PARENTAGE ASSIGNMENT. Ecology, 2004, 85, 2979-2985.	1.5	12
138	Influence of stocking history on the population genetic structure of anadromous alewife (Alosa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.8	12
139	Challenge to the model of lake charr evolution: shallow- and deep-water morphs exist within a small postglacial lake. Biological Journal of the Linnean Society, 2016, , .	0.7	12
140	Environmentally associated chromosomal structural variation influences fineâ€scale population structure of Atlantic Salmon (Salmo salar). Molecular Ecology, 2022, 31, 1057-1075.	2.0	12
141	Isolation and Characterization of Tetranucleotide Microsatellites from Atlantic Haddock (Melanogrammus aeglefinus). Marine Biotechnology, 2002, 4, 418-422.	1.1	11
142	Temporal genetic differentiation: continuous v. discontinuous spawning runs in anadromous rainbow smelt Osmerus mordax (Mitchill). Journal of Fish Biology, 2006, 69, 209-216.	0.7	11
143	Genomic tools for management and conservation of Atlantic cod in a coastal marine protected area. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 1915-1925.	0.7	11
144	Comprehensive evaluation of genetic population structure for anadromous river herring with single nucleotide polymorphism data. Fisheries Research, 2018, 206, 247-258.	0.9	11

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145	Environmental Change, If Unaccounted, Prevents Detection of Cryptic Evolution in a Wild Population. American Naturalist, 2021, 197, 29-46.	1.0	11
146	Contemporary nuclear and mitochondrial genetic clines in a north temperate estuarine fish reflect Pleistocene vicariance. Marine Ecology - Progress Series, 2011, 438, 207-218.	0.9	11
147	Isolation and inheritance of microsatellite loci in the Dungeness crab (Brachyura: Cancridae: Cancer) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	10
148	Evidence for the existence of a native population of sockeye salmon (Oncorhynchus nerka) and subsequent introgression with introduced populations in a Pacific Northwest watershed. Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 1209-1221.	0.7	10
149	Parasite diversity and ecology in a model species, the guppy (Poecilia reticulata) in Trinidad. Royal Society Open Science, 2020, 7, 191112.	1.1	10
150	Development of microsatellite markers in bonytail (Gila elegans) with cross-species amplification in humpback chub (Gila cypha). Molecular Ecology Notes, 2003, 4, 23-25.	1.7	9
151	Size-assortative mating in salmonids: negative evidence for pink salmon in natural conditions. Animal Behaviour, 2004, 68, 381-385.	0.8	9
152	Complete mitochondrial genomes for Icelus spatula, Aspidophoroides olrikii and Leptoclinus maculatus: pan-Arctic marine fishes from Canadian waters. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2982-2983.	0.7	9
153	Population connectivity and larval dispersal of the exploited mangrove crabUcides cordatusalong the Brazilian coast. PeerJ, 2018, 6, e4702.	0.9	9
154	Structural and functional connectivity of marine fishes within a semiâ€enclosed Newfoundland fjord. Journal of Fish Biology, 2009, 75, 1393-1409.	0.7	8
155	Temporal Genetic Similarity Among Year-Classes of the Pacific Geoduck Clam (Panopea) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Research, 2012, 31, 697-709.	0.3	8
156	Evolutionary impacts differ between two exploited populations of northern bottlenose whale (Hyperoodon ampullatus). Ecology and Evolution, 2019, 9, 13567-13584.	0.8	8
157	Limited population structure in Northern and Spotted Wolffishes (Anarhichas denticulatus and A.) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	7
158	Genetic Mixedâ€Stock Analysis of American Shad in Two Atlantic Coast Fisheries: Delaware Bay, USA, and Inner Bay of Fundy, Canada. North American Journal of Fisheries Management, 2014, 34, 1190-1198.	0.5	7
159	Small-scale intraspecific patterns of adaptive immunogenetic polymorphisms and neutral variation in Lake Superior lake trout. Immunogenetics, 2018, 70, 53-66.	1.2	7
160	Rangeâ€wide genomic data synthesis reveals transatlantic vicariance and secondary contact in Atlantic cod. Ecology and Evolution, 2018, 8, 12140-12152.	0.8	7
161	Resistance and resilience of genetic and phenotypic diversity to â€œblack swanâ€•flood events: A retrospective analysis with historical samples of guppies. Molecular Ecology, 2021, 30, 1017-1028.	2.0	7
162	Genetic structuring among Alaskan Pacific herring populations identified using microsatellite variation. , 1998, 53, 150.		7

#	Article	IF	Citations
163	The mating system of steelhead, Oncorhynchus mykiss, inferred by molecular analysis of parents and progeny. Developments in Environmental Biology of Fishes, 2004, , 333-344.	0.2	7
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