

# Paul Bentzen

## List of Publications by Year in descending order

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Version: 2024-02-01

191  
papers

9,949  
citations

36203

51  
h-index

45213

90  
g-index

196  
all docs

196  
docs citations

196  
times ranked

7932  
citing authors

| #  | ARTICLE                                                                                                                                                                                                          | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Morphological consequences of hybridization between farm and wild Atlantic salmon <i>Salmo salar</i> under both wild and experimental conditions. <i>Aquaculture Environment Interactions</i> , 2022, 14, 85-96. | 0.7 | 2         |
| 2  | Reference genome of lumpfish <i>Cyclopterus lumpus</i> Linnaeus provides evidence of male heterogametic sex determination through the AMH pathway. <i>Molecular Ecology Resources</i> , 2022, 22, 1427-1439.     | 2.2 | 16        |
| 3  | Environmentally associated chromosomal structural variation influences fine-scale population structure of Atlantic Salmon ( <i>Salmo salar</i> ). <i>Molecular Ecology</i> , 2022, 31, 1057-1075.                | 2.0 | 12        |
| 4  | Environmental Change, If Unaccounted, Prevents Detection of Cryptic Evolution in a Wild Population. <i>American Naturalist</i> , 2021, 197, 29-46.                                                               | 1.0 | 11        |
| 5  | Resistance and resilience of genetic and phenotypic diversity to "black swan" flood events: A retrospective analysis with historical samples of guppies. <i>Molecular Ecology</i> , 2021, 30, 1017-1028.         | 2.0 | 7         |
| 6  | A putative structural variant and environmental variation associated with genomic divergence across the Northwest Atlantic in Atlantic Halibut. <i>ICES Journal of Marine Science</i> , 2021, 78, 2371-2384.     | 1.2 | 18        |
| 7  | Genomic evidence of past and future climate-linked loss in a migratory Arctic fish. <i>Nature Climate Change</i> , 2021, 11, 158-165.                                                                            | 8.1 | 36        |
| 8  | Genetic Diversity. , 2021, , 119-165.                                                                                                                                                                            |     | 2         |
| 9  | Range-wide genetic assignment confirms long-distance oceanic migration in Atlantic salmon over half a century. <i>ICES Journal of Marine Science</i> , 2021, 78, 1434-1443.                                      | 1.2 | 15        |
| 10 | Genomic stability through time despite decades of exploitation in cod on both sides of the Atlantic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .       | 3.3 | 61        |
| 11 | Chromosome level reference of Atlantic halibut <i>Hippoglossus hippoglossus</i> provides insight into the evolution of sexual determination systems. <i>Molecular Ecology Resources</i> , 2021, 21, 1686-1696.   | 2.2 | 21        |
| 12 | Genomic basis of deep-water adaptation in Arctic Charr ( <i>Salvelinus alpinus</i> ) morphs. <i>Molecular Ecology</i> , 2021, 30, 4415-4432.                                                                     | 2.0 | 13        |
| 13 | Divergent and linked selection shape patterns of genomic differentiation between European and North American Atlantic salmon ( <i>Salmo salar</i> ). <i>Molecular Ecology</i> , 2020, 29, 2160-2175.             | 2.0 | 20        |
| 14 | Parasite diversity and ecology in a model species, the guppy ( <i>Poecilia reticulata</i> ) in Trinidad. <i>Royal Society Open Science</i> , 2020, 7, 191112.                                                    | 1.1 | 10        |
| 15 | Loma morhua infections in Atlantic cod ( <i>Gadus morhua</i> ) reveal relative parasite resistance and differential effects on host growth among family lines. <i>Aquaculture</i> , 2020, 522, 735111.           | 1.7 | 6         |
| 16 | Resolving fine-scale population structure and fishery exploitation using sequenced microsatellites in a northern fish. <i>Evolutionary Applications</i> , 2020, 13, 1055-1068.                                   | 1.5 | 32        |
| 17 | Modular chromosome rearrangements reveal parallel and nonparallel adaptation in a marine fish. <i>Ecology and Evolution</i> , 2020, 10, 638-653.                                                                 | 0.8 | 40        |
| 18 | Multiple decades of stocking has resulted in limited hatchery introgression in wild brook trout ( <i>Salvelinus fontinalis</i> ) in the Adirondacks. <i>Evolutionary Applications</i> , 2020, 13, 1055-1068.     | 1.5 | 13        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                         | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Eco-Evolutionary Feedbacks Predict the Time Course of Rapid Life-History Evolution. <i>American Naturalist</i> , 2019, 194, 671-692.                                                                                                                                                            | 1.0 | 55        |
| 20 | A migration-associated supergene reveals loss of biocomplexity in Atlantic cod. <i>Science Advances</i> , 2019, 5, eaav2461.                                                                                                                                                                    | 4.7 | 42        |
| 21 | Genomic signatures and correlates of widespread population declines in salmon. <i>Nature Communications</i> , 2019, 10, 2996.                                                                                                                                                                   | 5.8 | 52        |
| 22 | Evidence for contemporary and historical gene flow between guppy populations in different watersheds, with a test for associations with adaptive traits. <i>Ecology and Evolution</i> , 2019, 9, 4504-4517.                                                                                     | 0.8 | 17        |
| 23 | Chromosome polymorphisms track trans-Atlantic divergence and secondary contact in Atlantic salmon. <i>Molecular Ecology</i> , 2019, 28, 2074-2087.                                                                                                                                              | 2.0 | 33        |
| 24 | Estimating the relative fitness of escaped farmed salmon offspring in the wild and modelling the consequences of invasion for wild populations. <i>Evolutionary Applications</i> , 2019, 12, 705-717.                                                                                           | 1.5 | 30        |
| 25 | Discovery of novel NGS-mined microsatellite markers and an exploratory analysis of genetic differentiation between two Western Atlantic populations of <i>Cardisoma guanhumi</i> Latreille, 1825 (Decapoda: Brachyura: Gecarcinidae). <i>Journal of Crustacean Biology</i> , 2019, 39, 181-185. | 0.3 | 2         |
| 26 | Evolutionary impacts differ between two exploited populations of northern bottlenose whale ( <i>Hyperoodon ampullatus</i> ). <i>Ecology and Evolution</i> , 2019, 9, 13567-13584.                                                                                                               | 0.8 | 8         |
| 27 | RADProc: A computationally efficient de novo locus assembler for population studies using RADseq data. <i>Molecular Ecology Resources</i> , 2019, 19, 272-282.                                                                                                                                  | 2.2 | 14        |
| 28 | Spatio-temporal dynamics of density-dependent dispersal during a population colonisation. <i>Ecology Letters</i> , 2019, 22, 634-644.                                                                                                                                                           | 3.0 | 23        |
| 29 | Isolation and characterization of microsatellite markers in the spiny lobster, <i>Panulirus echinatus</i> Smith, 1869 (Decapoda: Palinuridae) by Illumina MiSeq sequencing. <i>Journal of Genetics</i> , 2018, 97, 25-30.                                                                       | 0.4 | 3         |
| 30 | Genomic tools for management and conservation of Atlantic cod in a coastal marine protected area. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1915-1925.                                                                                                              | 0.7 | 11        |
| 31 | Genotyping-by-sequencing of genome-wide microsatellite loci reveals fine-scale harvest composition in a coastal Atlantic salmon fishery. <i>Evolutionary Applications</i> , 2018, 11, 918-930.                                                                                                  | 1.5 | 60        |
| 32 | A climate-associated multispecies cryptic cline in the northwest Atlantic. <i>Science Advances</i> , 2018, 4, eaq0929.                                                                                                                                                                          | 4.7 | 91        |
| 33 | Small-scale intraspecific patterns of adaptive immunogenetic polymorphisms and neutral variation in Lake Superior lake trout. <i>Immunogenetics</i> , 2018, 70, 53-66.                                                                                                                          | 1.2 | 7         |
| 34 | Applications of random forest feature selection for fine-scale genetic population assignment. <i>Evolutionary Applications</i> , 2018, 11, 153-165.                                                                                                                                             | 1.5 | 101       |
| 35 | Ancient chromosomal rearrangement associated with local adaptation of a postglacially colonized population of Atlantic Cod in the northwest Atlantic. <i>Molecular Ecology</i> , 2018, 27, 339-351.                                                                                             | 2.0 | 55        |
| 36 | Population connectivity and larval dispersal of the exploited mangrove crab <i>Ucides cordatus</i> along the Brazilian coast. <i>PeerJ</i> , 2018, 6, e4702.                                                                                                                                    | 0.9 | 9         |

| #  | ARTICLE                                                                                                                                                                                                                                                                   | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Range-wide genomic data synthesis reveals transatlantic vicariance and secondary contact in Atlantic cod. <i>Ecology and Evolution</i> , 2018, 8, 12140-12152.                                                                                                            | 0.8 | 7         |
| 38 | Formation of population genetic structure following the introduction and establishment of non-native American shad ( <i>Alosa sapidissima</i> ) along the Pacific Coast of North America. <i>Biological Invasions</i> , 2018, 20, 3123-3143.                              | 1.2 | 5         |
| 39 | Environmental extremes drive population structure at the northern range limit of Atlantic salmon in North America. <i>Molecular Ecology</i> , 2018, 27, 4026-4040.                                                                                                        | 2.0 | 26        |
| 40 | Comprehensive evaluation of genetic population structure for anadromous river herring with single nucleotide polymorphism data. <i>Fisheries Research</i> , 2018, 206, 247-258.                                                                                           | 0.9 | 11        |
| 41 | Range-wide regional assignment of Atlantic salmon ( <i>Salmo salar</i> ) using genome wide single-nucleotide polymorphisms. <i>Fisheries Research</i> , 2018, 206, 163-175.                                                                                               | 0.9 | 27        |
| 42 | <sc>PMERGE</sc>: Computational filtering of paralogous sequences from <sc>RAD</sc>-seq data. <i>Ecology and Evolution</i> , 2018, 8, 7002-7013.                                                                                                                           | 0.8 | 15        |
| 43 | <sc>megasat</sc>: automated inference of microsatellite genotypes from sequence data. <i>Molecular Ecology Resources</i> , 2017, 17, 247-256.                                                                                                                             | 2.2 | 59        |
| 44 | Range-wide parallel climate-associated genomic clines in Atlantic salmon. <i>Royal Society Open Science</i> , 2017, 4, 171394.                                                                                                                                            | 1.1 | 35        |
| 45 | Evolutionary genetics of immunological supertypes reveals two faces of the Red Queen. <i>Nature Communications</i> , 2017, 8, 1294.                                                                                                                                       | 5.8 | 51        |
| 46 | Trans-oceanic genomic divergence of Atlantic cod ecotypes is associated with large inversions. <i>Heredity</i> , 2017, 119, 418-428.                                                                                                                                      | 1.2 | 108       |
| 47 | Barcoding Atlantic Canada's mesopelagic and upper bathypelagic marine fishes. <i>PLoS ONE</i> , 2017, 12, e0185173.                                                                                                                                                       | 1.1 | 25        |
| 48 | Genetic and phenotypic variation along an ecological gradient in lake trout <i>Salvelinus namaycush</i> . <i>BMC Evolutionary Biology</i> , 2016, 16, 219.                                                                                                                | 3.2 | 15        |
| 49 | Don't bet against the natal homing abilities of marine fishes. <i>Molecular Ecology</i> , 2016, 25, 2691-2692.                                                                                                                                                            | 2.0 | 4         |
| 50 | Challenge to the model of lake charr evolution: shallow- and deep-water morphs exist within a small postglacial lake. <i>Biological Journal of the Linnean Society</i> , 2016, , .                                                                                        | 0.7 | 12        |
| 51 | Loss of genetic diversity and reduction of genetic distance among lake trout <i>Salvelinus namaycush</i> ecomorphs, Lake Superior 1959 to 2013. <i>Journal of Great Lakes Research</i> , 2016, 42, 204-216.                                                               | 0.8 | 32        |
| 52 | Annotated mitochondrial genome assemblies for two sand lances (genus: <i>Ammodytes</i> ) from the northwest Atlantic. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4607-4608.                                                       | 0.7 | 2         |
| 53 | Adaptive phenotypic response to climate enabled by epigenetics in a K-strategy species, the fish <i>Leucoraja ocellata</i> (Rajidae). <i>Royal Society Open Science</i> , 2016, 3, 160299.                                                                                | 1.1 | 43        |
| 54 | Complete mitochondrial genomes for <i>Icelus spatula</i> , <i>Aspidophoroides olrikii</i> and <i>Leptoclinus maculatus</i> : pan-Arctic marine fishes from Canadian waters. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2982-2983. | 0.7 | 9         |

| #  | ARTICLE                                                                                                                                                                                                                         | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Complex post-larval dispersal processes in Atlantic cod revealed by age-based genetics and relatedness analysis. <i>Marine Ecology - Progress Series</i> , 2016, 556, 237-250.                                                  | 0.9 | 5         |
| 56 | Do stressful conditions make adaptation difficult? Guppies in the oil-polluted environments of southern Trinidad. <i>Evolutionary Applications</i> , 2015, 8, 854-870.                                                          | 1.5 | 39        |
| 57 | Deciphering Hatchery Stock Influences on Wild Populations of Vermont Lake Trout. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 124-139.                                                                    | 0.6 | 6         |
| 58 | Development and use of novel microsatellite markers from double-enriched genomic libraries in Guatemalan <i>Jatropha curcas</i> . <i>Biochemical Systematics and Ecology</i> , 2015, 59, 168-173.                               | 0.6 | 0         |
| 59 | Isolation and characterization of 23 microsatellite loci in the stingless bee <i>Melipona subnitida</i> using next-generation sequencing. <i>Conservation Genetics Resources</i> , 2015, 7, 239-241.                            | 0.4 | 4         |
| 60 | Influence of stocking history on the population genetic structure of anadromous alewife ( <i>Alosa</i> ). <i>Evolutionary Applications</i> , 2015, 8, 1075-1085.                                                                | 0.8 | 12        |
| 61 | Selection analysis on the rapid evolution of a secondary sexual trait. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151244.                                                                    | 1.2 | 46        |
| 62 | Genetic Mixed-Stock Analysis of American Shad in Two Atlantic Coast Fisheries: Delaware Bay, USA, and Inner Bay of Fundy, Canada. <i>North American Journal of Fisheries Management</i> , 2014, 34, 1190-1198.                  | 0.5 | 7         |
| 63 | Hydroacoustic tracking of the endangered Atlantic whitefish ( <i>Coregonus huntsmani</i> ); comparative analysis from wild and hatchery reared populations. <i>Environmental Biology of Fishes</i> , 2014, 97, 955-964.         | 0.4 | 4         |
| 64 | Ultra-deep Illumina sequencing accurately identifies MHC class IIb alleles and provides evidence for copy number variation in the guppy ( <i>Poecilia reticulata</i> ). <i>Molecular Ecology Resources</i> , 2014, 14, 753-767. | 2.2 | 84        |
| 65 | Human disturbance causes the formation of a hybrid swarm between two naturally sympatric fish species. <i>Molecular Ecology</i> , 2014, 23, 1137-1152.                                                                          | 2.0 | 94        |
| 66 | Genetic diversity and structure of two hybridizing anadromous fishes ( <i>Alosa pseudoharengus</i> , <i>Alosa</i> ). <i>Evolutionary Applications</i> , 2014, 7, 2355-2365.                                                     | 0.8 | 24        |
| 67 | <i>Gyrodactylus patersoni</i> sp. (Monogenea: Gyrodactylidae) Infecting Atlantic Silverside ( <i>Menidia</i> ). <i>Journal of Parasitology</i> , 2014, 100, 784-792.                                                            | 0.0 | 2         |
| 68 | Critical review of NGS analyses for de novo genotyping multigene families. <i>Molecular Ecology</i> , 2014, 23, 3957-3972.                                                                                                      | 2.0 | 65        |
| 69 | Long Distance Linkage Disequilibrium and Limited Hybridization Suggest Cryptic Speciation in Atlantic Cod. <i>PLoS ONE</i> , 2014, 9, e106380.                                                                                  | 1.1 | 37        |
| 70 | Adding parasites to the guppy-predation story: insights from field surveys. <i>Oecologia</i> , 2013, 172, 155-166.                                                                                                              | 0.9 | 37        |
| 71 | Beyond lifetime reproductive success: the posthumous reproductive dynamics of male Trinidadian guppies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131116.                                   | 1.2 | 62        |
| 72 | Genomic islands of divergence and their consequences for the resolution of spatial structure in an exploited marine fish. <i>Evolutionary Applications</i> , 2013, 6, 450-461.                                                  | 1.5 | 136       |

| #  | ARTICLE                                                                                                                                                                                                                             | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | <i>Gyrodactylus laevisoides</i> n. sp. (Monogenea: Gyrodactylidae) infecting northern redbelly dace <i>Phoxinus eos</i> Cope (Cyprinidae) from Nova Scotia, Canada. <i>Systematic Parasitology</i> , 2013, 86, 285-291.             | 0.5 | 3         |
| 74 | Description of <i>Gyrodactylus mediotorus</i> n. sp. (Monogenea: Gyrodactylidae) Infecting Spottail Shiner ( <i>Notropis hudsonius</i> ) from the St. Lawrence River, Canada. <i>Journal of Parasitology</i> , 2013, 99, 1062-1066. | 0.3 | 2         |
| 75 | Barcoding Atlantic Canada's commonly encountered marine fishes. <i>Molecular Ecology Resources</i> , 2013, 13, 177-188.                                                                                                             | 2.2 | 69        |
| 76 | Genetic diversity and differentiation in a wide ranging anadromous fish, American shad ( <i>Alosa sapidissima</i> ), is correlated with latitude. <i>Molecular Ecology</i> , 2013, 22, 1558-1573.                                   | 2.0 | 55        |
| 77 | A molecular dissection of the mating system of the Dungeness crab, <i>Metacarcinus magister</i> (Brachyura: Cancridae). <i>Journal of Crustacean Biology</i> , 2012, 32, 443-456.                                                   | 0.3 | 36        |
| 78 | Temporal Genetic Similarity Among Year-Classes of the Pacific Geoduck Clam ( <i>Panopea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 To Research, 2012, 31, 697-709.                                                              | 0.3 | 8         |
| 79 | Evaluating SNP ascertainment bias and its impact on population assignment in Atlantic cod, <i>Gadus morhua</i> . <i>Molecular Ecology Resources</i> , 2011, 11, 218-225.                                                            | 2.2 | 59        |
| 80 | DNA barcoding of Canada's skates. <i>Molecular Ecology Resources</i> , 2011, 11, 968-978.                                                                                                                                           | 2.2 | 22        |
| 81 | Isolation and differentiation of <i>Rivulus hartii</i> across Trinidad and neighboring islands. <i>Molecular Ecology</i> , 2011, 20, 601-618.                                                                                       | 2.0 | 15        |
| 82 | Eco-evolutionary effects on population recovery following catastrophic disturbance. <i>Evolutionary Applications</i> , 2011, 4, 354-366.                                                                                            | 1.5 | 31        |
| 83 | Limited population structure in Northern and Spotted Wolffishes ( <i>Anarhichas denticulatus</i> and A.) Tj ETQq1 1 0.784314 rgBT /Overlock 0.7                                                                                     | 0.7 | 7         |
| 84 | Contemporary nuclear and mitochondrial genetic clines in a north temperate estuarine fish reflect Pleistocene vicariance. <i>Marine Ecology - Progress Series</i> , 2011, 438, 207-218.                                             | 0.9 | 11        |
| 85 | Twelve new microsatellite loci for the Korimako (New Zealand Bellbird), <i>Anthornis melanura</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 257-259.                                                                      | 0.4 | 2         |
| 86 | Genome-wide single nucleotide polymorphisms reveal population history and adaptive divergence in wild guppies. <i>Molecular Ecology</i> , 2010, 19, 968-984.                                                                        | 2.0 | 133       |
| 87 | Historical influences dominate the population genetic structure of a sedentary marine fish, Atlantic wolffish ( <i>Anarhichas lupus</i> ), across the North Atlantic Ocean. <i>Molecular Ecology</i> , 2010, 19, 4228-4241.         | 2.0 | 25        |
| 88 | Positive relationships between genetic diversity and abundance in fishes. <i>Molecular Ecology</i> , 2010, 19, 4852-4862.                                                                                                           | 2.0 | 105       |
| 89 | Evidence for divergence and adaptive isolation in post-glacially derived bimodal allopatric and sympatric rainbow smelt populations. <i>Biological Journal of the Linnean Society</i> , 2010, 101, 583-594.                         | 0.7 | 5         |
| 90 | Population Structure as Revealed by mtDNA and Microsatellites in Northern Fur Seals, <i>Callorhinus ursinus</i> , throughout Their Range. <i>PLoS ONE</i> , 2010, 5, e10671.                                                        | 1.1 | 35        |

| #   | ARTICLE                                                                                                                                                                                                                                                               | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Both Geography and Ecology Contribute to Mating Isolation in Guppies. PLoS ONE, 2010, 5, e15659.                                                                                                                                                                      | 1.1 | 17        |
| 92  | Phylogeography of 3 North Atlantic Wolffish species ( <i>Anarhichas</i> spp.) with Phylogenetic Relationships within the Family Anarhichadidae. Journal of Heredity, 2010, 101, 591-601.                                                                              | 1.0 | 18        |
| 93  | 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       |
| 94  | Taking stock: defining populations of American shad ( <i>Alosa sapidissima</i> ) in Canada using neutral genetic markers. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1021-1039.                                                                    | 0.7 | 29        |
| 95  | Genetic Identification of Fishing Stocks: New Tools for Population Studies of the Spiny Lobster <i>Panulirus argus</i> (Latreille, 1804). Boletim Técnico Científico Do CEPNOR, 2010, 10, 95-111.                                                                     | 0.2 | 2         |
| 96  | Structural and functional connectivity of marine fishes within a semi-enclosed Newfoundland fjord. Journal of Fish Biology, 2009, 75, 1393-1409.                                                                                                                      | 0.7 | 8         |
| 97  | Polymorphic microsatellite DNA markers in the mangrove crab <i>Ucides cordatus</i> (Brachyura): Tj ETQq1 1 0.784314 rgBT 3/Overl                                                                                                                                      | 2.2 | 3         |
| 98  | Variation in reproductive success and effective number of breeders in a hatchery population of steelhead trout ( <i>Oncorhynchus mykiss</i> ): examination by microsatellite-based parentage analysis. Conservation Genetics, 2008, 9, 295-304.                       | 0.8 | 37        |
| 99  | Microsatellite markers discriminate three species of North Atlantic wolffishes ( <i>Anarhichas</i> spp.). Journal of Fish Biology, 2008, 72, 375-385.                                                                                                                 | 0.7 | 23        |
| 100 | Estimating contemporary early life-history dispersal in an estuarine fish: integrating molecular and otolith elemental approaches. Molecular Ecology, 2008, 17, 1438-1450.                                                                                            | 2.0 | 69        |
| 101 | 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       |
| 102 | Identifying Canadian Freshwater Fishes through DNA Barcodes. PLoS ONE, 2008, 3, e2490.                                                                                                                                                                                | 1.1 | 498       |
| 103 | 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       |
| 104 | Low genetic connectivity in an estuarine fish with pelagic larvae. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 147-158.                                                                                                                             | 0.7 | 34        |
| 105 | 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        |
| 106 | Evidence for the existence of a native population of sockeye salmon ( <i>Oncorhynchus nerka</i> ) 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        |
| 107 | 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        |
| 108 | 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        |

| #   | ARTICLE                                                                                                                                                                                                                                           | IF  | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Larval transport, vertical distribution, and localized recruitment in anadromous rainbow smelt ( <i>Osmerus mordax</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 2822-2836.                                        | 0.7 | 22        |
| 110 | Morphological and genetic differentiation in anadromous smelt <i>Osmerus mordax</i> (Mitchill): disentangling the effects of geography and morphology on gene flow. <i>Journal of Fish Biology</i> , 2006, 69, 95-114.                            | 0.7 | 64        |
| 111 | Temporal genetic differentiation: continuous v. discontinuous spawning runs in anadromous rainbow smelt <i>Osmerus mordax</i> (Mitchill). <i>Journal of Fish Biology</i> , 2006, 69, 209-216.                                                     | 0.7 | 11        |
| 112 | Characterization of di- and tetranucleotide microsatellite markers in rainbow smelt ( <i>Osmerus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622                                                                                                   | 1.7 | 14        |
| 113 | Microsatellites in the overexploited spiny lobster, <i>Panulirus argus</i> : Isolation, characterization of loci and potential for intraspecific variability studies. <i>Conservation Genetics</i> , 2006, 6, 637-641.                            | 0.8 | 13        |
| 114 | Polymorphic microsatellite loci for the masked goby, <i>Coryphopterus personatus</i> (Gobiidae). <i>Conservation Genetics</i> , 2006, 6, 1059-1062.                                                                                               | 0.8 | 3         |
| 115 | Characterization of tetranucleotide microsatellite markers in guppy ( <i>Poecilia reticulata</i> ). <i>Molecular Ecology Notes</i> , 2005, 5, 269-271.                                                                                            | 1.7 | 21        |
| 116 | Development and characterization of novel tetra-, tri-, and dinucleotide microsatellite markers in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Molecular Ecology Notes</i> , 2005, 5, 278-281.                                               | 1.7 | 73        |
| 117 | Nonrandom, Size- and Timing-Biased Breeding in a Hatchery Population of Steelhead Trout. <i>Conservation Biology</i> , 2005, 19, 446-454.                                                                                                         | 2.4 | 45        |
| 118 | The relative influence of natural selection and geography on gene flow in guppies. <i>Molecular Ecology</i> , 2005, 15, 49-62.                                                                                                                    | 2.0 | 266       |
| 119 | The hypervariable domain of the mitochondrial control region in Atlantic spiny lobsters and its potential as a marker for investigating phylogeographic structuring. <i>Marine Biotechnology</i> , 2005, 7, 462-473.                              | 1.1 | 56        |
| 120 | RELATIVE IMPORTANCE OF SALMON BODY SIZE AND ARRIVAL TIME AT BREEDING GROUNDS TO REPRODUCTIVE SUCCESS. <i>Ecology</i> , 2005, 86, 347-352.                                                                                                         | 1.5 | 95        |
| 121 | Heritability of Life History and Morphological Traits in a Wild Pink Salmon Population Assessed by DNA Parentage Analysis. <i>Transactions of the American Fisheries Society</i> , 2005, 134, 1323-1328.                                          | 0.6 | 22        |
| 122 | Genetic differentiation in walleye pollock ( <i>Theragra chalcogramma</i> ) in response to selection at the pantophysin ( <i>PanI</i> ) locus. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 2519-2529.                   | 0.7 | 31        |
| 123 | Synchronized hatch and its ecological significance in rainbow smelt <i>Osmerus mordax</i> in St. Mary's Bay, Newfoundland. <i>Limnology and Oceanography</i> , 2004, 49, 2310-2315.                                                               | 1.6 | 25        |
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