Craig R Primmer

List of Publications by Year
in descending order

193 papers	12,444 citations	25034 57 h-index	31849 101 g-index
221 all docs	221 docs citations	221 times ranked	10663 citing authors

#	Article	IF	Citations
1	Refining the genomic location of single nucleotide polymorphism variation affecting Atlantic salmon maturation timing at a key largeâ€effect locus. Molecular Ecology, 2022, 31, 562-570.	3.9	14
2	Genetic coupling of life-history and aerobic performance in Atlantic salmon. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212500.	2.6	9
3	Linking <i>vgll3</i> genotype and aggressive behaviour in juvenile Atlantic salmon (<i>Salmo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1	1.6	8
4	Standard metabolic rate does not associate with ageâ€atâ€maturity genotype in juvenile Atlantic salmon. Ecology and Evolution, 2022, 12, e8408.	1.9	5
5	Rapid evolution in salmon life history induced by direct and indirect effects of fishing. Science, 2022, 376, 420-423.	12.6	31
6	Strong regulatory effects of vgll3 genotype on reproductive axis gene expression in juvenile male Atlantic salmon. General and Comparative Endocrinology, 2022, 325, 114055.	1.8	10
7	Cloning, purification, kinetic and anion inhibition studies of a recombinant Î²-carbonic anhydrase from the Atlantic salmon parasite platyhelminth <i>Gyrodactylus salaris</i>. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1577-1586.	5.2	10
8	Life-history genotype explains variation in migration activity in Atlantic salmon (<i>Salmo salar</i>). Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	2.6	5
9	Population genomics reveals repeated signals of adaptive divergence in the Atlantic salmon of northâ€eastern Europe. Journal of Evolutionary Biology, 2021, 34, 866-878.	1.7	6
10	The Atlantic salmon whole blood transcriptome and how it relates to major locus maturation genotypes and other tissues. Marine Genomics, 2021, 56, 100809.	1.1	9
11	Cytosine methylation patterns suggest a role of methylation in plastic and adaptive responses to temperature in European grayling (Thymallus thymallus) populations. Epigenetics, 2021, 16, 271-288.	2.7	6
12	Comparison of anadromous and landlocked Atlantic salmon genomes reveals signatures of parallel and relaxed selection across the Northern Hemisphere. Evolutionary Applications, 2021, 14, 446-461.	3.1	11
13	A large wild salmon stock shows genetic and life history differentiation within, but not between, rivers. Conservation Genetics, 2021, 22, 35-51.	1.5	8
14	Genetic Drift Dominates Genome-Wide Regulatory Evolution Following an Ancient Whole-Genome Duplication in Atlantic Salmon. Genome Biology and Evolution, 2021, 13, .	2.5	1
15	Heterogeneous genetic basis of age at maturity in salmonid fishes. Molecular Ecology, 2021, 30, 1435-1456.	3.9	29
16	Sex-specific lipid profiles in the muscle of Atlantic salmon juveniles. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 38, 100810.	1.0	4
17	Maturation in Atlantic salmon (Salmo salar, Salmonidae): a synthesis of ecological, genetic, and molecular processes. Reviews in Fish Biology and Fisheries, 2021, 31, 523-571.	4.9	45
18	Polygenic and majorâ€locus contributions to sexual maturation timing in Atlantic salmon. Molecular Ecology, 2021, 30, 4505-4519.	3.9	43

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19	The early marine distribution of Atlantic salmon in the Northâ€east Atlantic: A genetically informed stockâ€specific synthesis. Fish and Fisheries, 2021, 22, 1274-1306.	5.3	26
20	Major population splits coincide with episodes of rapid climate change in a forest-dependent bird. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211066.	2.6	1
21	Conservation and Management of Salmon in the Age of Genomics. Annual Review of Animal Biosciences, 2020, 8, 117-143.	7.4	34
22	Captive-bred Atlantic salmon released into the wild have fewer offspring than wild-bred fish and decrease population productivity. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201671.	2.6	30
23	The structural variation landscape in 492 Atlantic salmon genomes. Nature Communications, 2020, 11, 5176.	12.8	60
24	Transcription Profiles of Age-at-Maturity-Associated Genes Suggest Cell Fate Commitment Regulation as a Key Factor in the Atlantic Salmon Maturation Process. G3: Genes, Genomes, Genetics, 2020, 10, 235-246.	1.8	31
25	Genetic growth potential, rather than phenotypic size, predicts migration phenotype in Atlantic salmon. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200867.	2.6	29
26	Lifeâ€history genomic regions explain differences in Atlantic salmon marine diet specialization. Journal of Animal Ecology, 2020, 89, 2677-2691.	2.8	28
27	Developmental expression patterns of six6: A gene linked with spawning ecotypes in Atlantic salmon. Gene Expression Patterns, 2020, 38, 119149.	0.8	10
28	Mixed stock assessment of lake-run Caspian Sea trout Salmo caspius in the Lar National Park, Iran. Fisheries Research, 2020, 230, 105644.	1.7	4
29	Time spent in distinct life history stages has sexâ€specific effects on reproductive fitness in wild Atlantic salmon. Molecular Ecology, 2020, 29, 1173-1184.	3.9	19
30	Beyond large-effect loci: large-scale GWAS reveals a mixed large-effect and polygenic architecture for age at maturity of Atlantic salmon. Genetics Selection Evolution, 2020, 52, 9.	3.0	62
31	Cis-regulatory differences in isoform expression associate with life history strategy variation in Atlantic salmon. PLoS Genetics, 2020, 16, e1009055.	3.5	29
32	Title is missing!. , 2020, 16, e1009055.		0
33	Title is missing!. , 2020, 16, e1009055.		0
34	Title is missing!. , 2020, 16, e1009055.		0
35	Title is missing!. , 2020, 16, e1009055.		0
36	Title is missing!. , 2020, 16, e1009055.		0

#	Article	IF	Citations
37	Title is missing!. , 2020, 16, e1009055.		0
38	Heritability estimation via molecular pedigree reconstruction in a wild fish population reveals substantial evolutionary potential for sea age at maturity, but not size within age classes. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 790-805.	1.4	10
39	Understanding local adaptation in a freshwater salmonid fish: evolution of a research programme. ICES Journal of Marine Science, 2019, 76, 1404-1414.	2.5	1
40	Coâ€inheritance of sea age at maturity and iteroparity in the Atlantic salmon <i>vgll3</i> genomic region. Journal of Evolutionary Biology, 2019, 32, 343-355.	1.7	20
41	Evolutionary stasis of a heritable morphological trait in a wild fish population despite apparent directional selection. Ecology and Evolution, 2019, 9, 7096-7111.	1.9	14
42	The Chromosome-Level Genome Assembly of European Grayling Reveals Aspects of a Unique Genome Evolution Process Within Salmonids. G3: Genes, Genomes, Genetics, 2019, 9, 1283-1294.	1.8	22
43	Home ground advantage: Local Atlantic salmon have higher reproductive fitness than dispersers in the wild. Science Advances, 2019, 5, eaav1112.	10.3	37
44	Life history variation across four decades in a diverse population complex of Atlantic salmon in a large subarctic river. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 42-55.	1.4	59
45	Genomic signatures of fineâ€scale local selection in Atlantic salmon suggest involvement of sexual maturation, energy homeostasis and immune defenceâ€related genes. Molecular Ecology, 2018, 27, 2560-2575.	3.9	50
46	Genomic signatures of parasite-driven natural selection in north European Atlantic salmon (Salmo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	15
47	Modularity Facilitates Flexible Tuning of Plastic and Evolutionary Gene Expression Responses during Early Divergence. Genome Biology and Evolution, 2018, 10, 77-93.	2.5	10
48	Rapid sex-specific evolution of age at maturity is shaped by genetic architecture in Atlantic salmon. Nature Ecology and Evolution, 2018, 2, 1800-1807.	7.8	69
49	A microsatellite baseline for genetic stock identification of European Atlantic salmon (Salmo salar) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	14
50	Regulatory Architecture of Gene Expression Variation in the Threespine Stickleback <i>Gasterosteus aculeatus</i>. G3: Genes, Genomes, Genetics, 2017, 7, 165-178.	1.8	22
51	Rapid, broadâ€scale gene expression evolution in experimentally harvested fish populations. Molecular Ecology, 2017, 26, 3954-3967.	3.9	56
52	Harnessing the Power of Genomics to Secure the Future of Seafood. Trends in Ecology and Evolution, 2017, 32, 665-680.	8.7	202
53	Functional Annotation of All Salmonid Genomes (FAASG): an international initiative supporting future salmonid research, conservation and aquaculture. BMC Genomics, 2017, 18, 484.	2.8	99
54	Diversity and linkage disequilibrium in farmed Tasmanian Atlantic salmon. Animal Genetics, 2017, 48, 237-241.	1.7	66

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55	Non-invasive genetic monitoring involving citizen science enables reconstruction of current pack dynamics in a re-establishing wolf population. BMC Ecology, 2017, 17, 44.	3.0	24
56	Single nucleotide polymorphisms to discriminate different classes of hybrid between wild Atlantic salmon and aquaculture escapees. Evolutionary Applications, 2016, 9, 1017-1031.	3.1	27
57	From population genomics to conservation and management: a workflow for targeted analysis of markers identified using genomeâ€wide approaches in Atlantic salmon <i>Salmo salar</i>. Journal of Fish Biology, 2016, 89, 2658-2679.	1.6	58
58	Reply to Garner et al.. Trends in Ecology and Evolution, 2016, 31, 83-84.	8.7	24
59	Plastic and Evolutionary Gene Expression Responses Are Correlated in European Grayling (Thymallus) Tj ETQq1 1 0.784314 rgBT /Overlo 82-89.	2.4	42
60	The evolutionary legacy of sizeâ€selective harvesting extends from genes to populations. Evolutionary Applications, 2015, 8, 597-620.	3.1	142
61	Generation of a neutral <scp><i>F</i>_{ST}</scp> baseline for testing local adaptation on gill raker number within and between European whitefish ecotypes in the Baltic Sea basin. Journal of Evolutionary Biology, 2015, 28, 1170-1183.	1.7	18
62	Low but significant genetic differentiation underlies biologically meaningful phenotypic divergence in a large Atlantic salmon population. Molecular Ecology, 2015, 24, 5158-5174.	3.9	45
63	Sympatric divergence and clinal variation in multiple coloration traits of <i><scp>F</scp>icedula</i> flycatchers. Journal of Evolutionary Biology, 2015, 28, 779-790.	1.7	23
64	Sex-dependent dominance at a single locus maintains variation in age at maturity in salmon. Nature, 2015, 528, 405-408.	27.8	527
65	Population genomic analyses of earlyâ€phase <scp>A</scp>tlantic <scp>S</scp>almon (<i><scp>S</scp>almo salar</i>) domestication/captive breeding. Evolutionary Applications, 2015, 8, 93-107.	3.1	59
66	The Evolution and Adaptive Potential of Transcriptional Variation in Sticklebacksâ€"Signatures of Selection and Widespread Heritability. Molecular Biology and Evolution, 2015, 32, 674-689.	8.9	75
67	Genomics and the challenging translation into conservation practice. Trends in Ecology and Evolution, 2015, 30, 78-87.	8.7	469
68	Footprints of Directional Selection in Wild Atlantic Salmon Populations: Evidence for Parasite-Driven Evolution?. PLoS ONE, 2014, 9, e91672.	2.5	37
69	Gene pleiotropy constrains gene expression changes in fish adapted to different thermal conditions. Nature Communications, 2014, 5, 4071.	12.8	71
70	Genomeâ€wide <scp>SNP</scp> analysis reveals a genetic basis for seaâ€age variation in a wild population of <scp>A</scp>tlantic salmon (<i><scp>S</scp>almo salar</i>). Molecular Ecology, 2014, 23, 3452-3468.	3.9	96
71	Molecular pedigree reconstruction and estimation of evolutionary parameters in a wild Atlantic salmon river system with incomplete sampling: a power analysis. BMC Evolutionary Biology, 2014, 14, 68.	3.2	19
72	Proteome variance differences within populations of European whitefish (Coregonus lavaretus) originating from contrasting salinity environments. Journal of Proteomics, 2014, 105, 144-150.	2.4	14

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73	Differences in the metabolic response to temperature acclimation in nineâ€spined stickleback (<i>Pungitius pungitius</i>) populations from contrasting thermal environments. Journal of Experimental Zoology, 2014, 321, 550-565.	1.2	15
74	Fish scales and SNP chips: SNP genotyping and allele frequency estimation in individual and pooled DNA from historical samples of Atlantic salmon (Salmo salar). BMC Genomics, 2013, 14, 439.	2.8	32
75	Conservation Genetic Resources for Effective Species Survival (ConGRESS): Bridging the divide between conservation research and practice. Journal for Nature Conservation, 2013, 21, 433-437.	1.8	32
76	Temporal variation of genetic composition in Atlantic salmon populations from the Western White Sea Basin: influence of anthropogenic factors?. BMC Genetics, 2013, 14, 88.	2.7	16
77	Genetic biodiversity in the Baltic Sea: species-specific patterns challenge management. Biodiversity and Conservation, 2013, 22, 3045-3065.	2.6	50
78	Genetic mixedâ€stock analysis of lakeâ€run brown trout <i>Salmo trutta</i> fishery catches in the Inari Basin, northern Finland: implications for conservation and management. Journal of Fish Biology, 2013, 83, 598-617.	1.6	21
79	Population Genetics of Daubenton's Bat (<i>Myotis daubentonii</i>) in the Archipelago Sea, SW Finland. Annales Zoologici Fennici, 2013, 50, 303-315.	0.6	20
80	Molecular evolutionary and population genomic analysis of the nineâ€spined stickleback using a modified restrictionâ€siteâ€associated <scp>DNA</scp> tag approach. Molecular Ecology, 2013, 22, 565-582.	3.9	85
81	SNPâ€array reveals genomeâ€wide patterns of geographical and potential adaptive divergence across the natural range of <scp>A</scp>tlantic salmon (<i><scp>S</scp>almo salar</i>). Molecular Ecology, 2013, 22, 532-551.	3.9	212
82	Bringing genetic diversity to the forefront of conservation policy and management. Conservation Genetics Resources, 2013, 5, 593-598.	0.8	145
83	Sample Planning Optimization Tool for conservation and population Genetics (<scp>SPOTG</scp>): a software for choosing the appropriate number of markers and samples. Methods in Ecology and Evolution, 2013, 4, 299-303.	5.2	66
84	Transcription and redox enzyme activities: comparison of equilibrium and disequilibrium levels in the three-spined stickleback. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122974.	2.6	21
85	Annotated genes and nonannotated genomes: crossâ€species use of Gene Ontology in ecology and evolution research. Molecular Ecology, 2013, 22, 3216-3241.	3.9	77
86	Screen for Footprints of Selection during Domestication/Captive Breeding of Atlantic Salmon. Comparative and Functional Genomics, 2012, 2012, 1-14.	2.0	50
87	Isolation and Characterization of 13 New Nine-Spined Stickleback, <i>Pungitius pungitius</i>, Microsatellites Located Nearby Candidate Genes for Behavioural Variation. Annales Zoologici Fennici, 2012, 49, 123-128.	0.6	9
88	Genetic differentiation between two sympatric morphs of the blind Iran cave barb <i>Iranocypris typhlops</i>. Journal of Fish Biology, 2012, 81, 1747-1753.	1.6	12
89	Phylogenetic status of brown trout <i>Salmo trutta</i> populations in five rivers from the southern Caspian Sea and two inland lake basins, Iran: a morphogenetic approach. Journal of Fish Biology, 2012, 81, 1479-1500.	1.6	22
90	Heterozygosityâ€"behaviour correlations in nineâ€spined stickleback (<i><scp>P</scp>ungitius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 2012, 21, 4872-4884.	3.9	15

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91	â€œRiverscapeâ€•genetics: river characteristics influence the genetic structure and diversity of anadromous and freshwater Atlantic salmon (<i>Salmo salar</i>) populations in northwest Russia. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1947-1958.	1.4	39
92	Candidate genes for colour and vision exhibit signals of selection across the pied flycatcher (Ficedula hypoleuca) breeding range. Heredity, 2012, 108, 431-440.	2.6	33
93	The proteomics of feather development in pied flycatchers (<i><scp>F</scp>icedula hypoleuca</i>) with different plumage coloration. Molecular Ecology, 2012, 21, 5762-5777.	3.9	13
94	A proteomics approach reveals divergent molecular responses to salinity in populations of European whitefish (<i>Coregonus lavaretus</i>). Molecular Ecology, 2012, 21, 3516-3530.	3.9	54
95	Genetics of local adaptation in salmonid fishes. Heredity, 2011, 106, 401-403.	2.6	19
96	Strong gene flow and lack of stable population structure in the face of rapid adaptation to local temperature in a spring-spawning salmonid, the European grayling (Thymallus thymallus). Heredity, 2011, 106, 460-471.	2.6	33
97	Temporally stable population-specific differences in run timing of one-sea-winter Atlantic salmon returning to a large river system. Evolutionary Applications, 2011, 4, 39-53.	3.1	45
98	Microsatellite standardization and evaluation of genotyping error in a large multi-partner research programme for conservation of Atlantic salmon (Salmo salar L.). Genetica, 2011, 139, 353-367.	1.1	68
99	Does Breeding Ornamentation Signal Genetic Quality in Arctic charr, Salvelinus alpinus?. Evolutionary Biology, 2011, 38, 68-78.	1.1	20
100	Molecular Evolution of the Metazoan PHDâ€“HIF Oxygen-Sensing System. Molecular Biology and Evolution, 2011, 28, 1913-1926.	8.9	132
101	Isolation and characterization of 19 new microsatellites for European grayling, Thymallus thymallus (Linnaeus, 1758), and their cross-amplification in four other salmonid species. Conservation Genetics Resources, 2010, 2, 219-223.	0.8	6
102	Historical and recent genetic bottlenecks in European grayling, Thymallus thymallus. Conservation Genetics, 2010, 11, 279-292.	1.5	39
103	Genetic structure of freshwater Atlantic salmon (Salmo salar L.) populations from the lakes Onega and Ladoga of northwest Russia and implications for conservation. Conservation Genetics, 2010, 11, 1711-1724.	1.5	22
104	Discovery and application of insertion-deletion (INDEL) polymorphisms for QTL mapping of early life-history traits in Atlantic salmon. BMC Genomics, 2010, 11, 156.	2.8	44
105	Beyond MHC: signals of elevated selection pressure on Atlantic salmon (<i>Salmo salar</i>) immuneâ€relevant loci. Molecular Ecology, 2010, 19, 1273-1282.	3.9	46
106	High level of population genetic structuring in lakeâ€run brown trout, <i>Salmo trutta</i>, of the Inari Basin, northern Finland. Journal of Fish Biology, 2010, 77, 2048-2071.	1.6	22
107	Female-Biased Expression on the X Chromosome as a Key Step in Sex Chromosome Evolution in Threespine Sticklebacks. Molecular Biology and Evolution, 2010, 27, 1495-1503.	8.9	86
108	Distribution and biological characteristics of escaped farmed salmon in a major subarctic wild salmon river: implications for monitoring. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 130-142.	1.4	25

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109	Proteomic Profiling of Early Life Stages of European Grayling (<i>Thymallus thymallus</i>). Journal of Proteome Research, 2010, 9, 4790-4800.	3.7	9
110	High Gyrodactylus salaris infection rate in triploid Atlantic salmon Salmo salar. Diseases of Aquatic Organisms, 2010, 91, 129-136.	1.0	30
111	Signals of major histocompatibility complex overdominance in a wild salmonid population. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3133-3140.	2.6	39
112	A flexible whole-genome microarray for transcriptomics in three-spine stickleback (Gasterosteus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.8	25
113	Different traits affect gain of extrapair paternity and loss of paternity in the pied flycatcher, Ficedula hypoleuca. Animal Behaviour, 2009, 77, 1103-1110.	1.9	57
114	Spatio-temporal genetic structuring of brown trout (Salmo trutta L.) populations within the River Luga, northwest Russia. Conservation Genetics, 2009, 10, 281-289.	1.5	23
115	Unanticipated population structure of European grayling in its northern distribution: implications for conservation prioritization. Frontiers in Zoology, 2009, 6, 6.	2.0	19
116	Geographic patterns of genetic differentiation and plumage colour variation are different in the pied flycatcher (<i>Ficedula hypoleuca</i>). Molecular Ecology, 2009, 18, 4463-4476.	3.9	90
117	CONTEMPORARY ISOLATION-BY-DISTANCE, BUT NOT ISOLATION-BY-TIME, AMONG DEMES OF EUROPEAN GRAYLING (<i>THYMALLUS THYMALLUS</i>, LINNAEUS) WITH RECENT COMMON ANCESTORS. Evolution; International Journal of Organic Evolution, 2009, 63, 549-556.	2.3	16
118	From Conservation Genetics to Conservation Genomics. Annals of the New York Academy of Sciences, 2009, 1162, 357-368.	3.8	102
119	Importance of Genetics in the Interpretation of Favourable Conservation Status. Conservation Biology, 2009, 23, 1378-1381.	4.7	40
120	Clonal Structure of Salmon Parasite<i>Gyrodactylus salaris</i>on a Coevolutionary Gradient on Fennoscandian Salmon (<i>Salmo salar</i>). Annales Zoologici Fennici, 2009, 46, 21-33.	0.6	20
121	Microsatellites reveal clear genetic boundaries among Atlantic salmon (<i>Salmo salar</i>) populations from the Barents and White seas, northwest Russia. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 717-735.	1.4	38
122	Identification of differentially expressed proteins in <i>Ficedula</i> flycatchers. Proteomics, 2008, 8, 2150-2153.	2.2	6
123	Temporally stable genetic structure and low migration in an Atlantic salmon population complex: implications for conservation and management. Evolutionary Applications, 2008, 1, 137-154.	3.1	66
124	Variable patterns in the molecular evolution of the hypoxia-inducible factor-1 alpha (HIF-1Î±) gene in teleost fishes and mammals. Gene, 2008, 420, 1-10.	2.2	23
125	Seventy new microsatellites for the pied flycatcher, <i>Ficedula hypoleuca</i> and amplification in other passerine birds. Molecular Ecology Resources, 2008, 8, 874-880.	4.8	37
126	Use of differential expression data for identification of novel immune relevant expressed sequence tagâ€linked microsatellite markers in Atlantic salmon (<i>Salmo salar</i> L.). Molecular Ecology Resources, 2008, 8, 1486-1490.	4.8	6

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127	A Gene-Based Genetic Linkage Map of the Collared Flycatcher (<i>Ficedula albicollis</i>) Reveals Extensive Synteny and Gene-Order Conservation During 100 Million Years of Avian Evolution. Genetics, 2008, 179, 1479-1495.	2.9	88
128	High Degree of Transferability of 86 Newly Developed Zebra Finch EST-Linked Microsatellite Markers in 8 Bird Species. Journal of Heredity, 2008, 99, 688-693.	2.4	22
129	PCR Multiplexing for Maximising Genetic Analyses with Limited DNA Samples: An Example in the Collared Flycatcher,<i>Ficedula albicollis</i>. Annales Zoologici Fennici, 2008, 45, 478-482.	0.6	6
130	A Comparison of Biallelic Markers and Microsatellites for the Estimation of Population and Conservation Genetic Parameters in Atlantic Salmon (Salmo salar). Journal of Heredity, 2007, 98, 692-704.	2.4	61
131	Comparison of hypoxia-inducible factor-1 alpha in hypoxia-sensitive and hypoxia-tolerant fish species. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2007, 2, 177-186.	1.0	54
132	Genetic variability predicts common frog (Rana temporaria) size at metamorphosis in the wild. Heredity, 2007, 99, 41-46.	2.6	23
133	The effect of migratory behaviour on genetic diversity and population divergence: a comparison of anadromous and freshwater Atlantic salmon Salmo salar. Journal of Fish Biology, 2007, 70, 381-398.	1.6	36
134	Life-history and habitat features influence the within-river genetic structure of Atlantic salmon. Molecular Ecology, 2007, 16, 2638-2654.	3.9	278
135	Does habitat fragmentation reduce fitness and adaptability? A case study of the common frog (Rana) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	132
136	26.P1. Molecular evolution of vertebrate hypoxia inducible factor-1 alpha. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, S119.	1.8	0
137	Efficiency of modelâ€based Bayesian methods for detecting hybrid individuals under different hybridization scenarios and with different numbers of loci. Molecular Ecology, 2006, 15, 63-72.	3.9	720
138	Varying signals of the effects of natural selection during teleost growth hormone gene evolution. Genome, 2006, 49, 42-53.	2.0	10
139	Evidence for reduced genetic variation in severely deformed juvenile salmonids. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 2700-2707.	1.4	20
140	Molecular evolution of the avian growth hormone gene and comparison with its mammalian counterpart. Journal of Evolutionary Biology, 2006, 19, 844-854.	1.7	12
141	Isolation by distance within a river system: genetic population structuring of Atlantic salmon, Salmo salar, in tributaries of the Varzuga River in northwest Russia. Molecular Ecology, 2006, 15, 653-666.	3.9	117
142	History vs. current demography: explaining the genetic population structure of the common frog (<i>Rana temporaria</i>). Molecular Ecology, 2006, 15, 975-983.	3.9	70
143	Do dominants have higher heterozygosity? Social status and genetic variation in brown trout, Salmo trutta. Behavioral Ecology and Sociobiology, 2006, 59, 657-665.	1.4	48
144	Single nucleotide polymorphism (SNP) discovery in duplicated genomes: intron-primed exon-crossing (IPEC) as a strategy for avoiding amplification of duplicated loci in Atlantic salmon (Salmo salar) and other salmonid fishes. BMC Genomics, 2006, 7, 192.	2.8	42

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145	Characterization of the first growth hormone gene sequence for a passerine birdâ€"the pied flycatcher (Ficedula hypoleuca). DNA Sequence, 2006, 17, 401-406.	0.7	6
146	The effects of 20 years of highway presence on the genetic structure of Rana dalmatina populations. Ecoscience, 2006, 13, 531-538.	1.4	64
147	Seventy-five EST-linked Atlantic salmon (Salmo salar L.) microsatellite markers and their cross-amplification in five salmonid species. Molecular Ecology Notes, 2005, 5, 282-288.	1.7	34
148	Challenges for identifying functionally important genetic variation: the promise of combining complementary research strategies. Molecular Ecology, 2005, 14, 3623-3642.	3.9	263
149	The influence of landscape structure on occurrence, abundance and genetic diversity of the common frog, Rana temporaria. Global Change Biology, 2005, 11, 1664-1679.	9.5	92
150	Cross-species amplification of zebrafish and central stoneroller microsatellite loci in six other cyprinids. Journal of Fish Biology, 2005, 66, 851-859.	1.6	17
151	Factors affecting avian cross-species microsatellite amplification. Journal of Avian Biology, 2005, 36, 348-360.	1.2	104
152	Expressed Sequence Tag-Linked Microsatellites as a Source of Gene-Associated Polymorphisms for Detecting Signatures of Divergent Selection in Atlantic Salmon (Salmo salar L.). Molecular Biology and Evolution, 2005, 22, 1067-1076.	8.9	252
153	High degree of population subdivision in a widespread amphibian. Molecular Ecology, 2004, 13, 2631-2644.	3.9	104
154	Microsatellite marker data suggest sex-biased dispersal in the common frog Rana temporaria. Molecular Ecology, 2004, 13, 2865-2869.	3.9	63
155	Distribution of genetic variation in the growth hormone 1 gene in Atlantic salmon (Salmo salar) populations from Europe and North America. Molecular Ecology, 2004, 13, 3857-3869.	3.9	19
156	Environmental and population dependency of genetic variability-fitness correlations in Rana temporaria. Molecular Ecology, 2004, 14, 311-323.	3.9	71
157	Primers for sequence characterization and polymorphism detection in the Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	7
158	New Microsatellites from the Pied Flycatcher Ficedula Hypoleuca and the Swallow Hirundo Rustica Genomes. Hereditas, 2004, 124, 281-284.	1.4	69
159	Cross-Species Amplification of Salmonid Microsatellites which Reveal Polymorphism in European and Arctic Grayling, Salmonidae: Thymallus Spp.. Hereditas, 2004, 131, 171-176.	1.4	16
160	The benefits of increasing the number of microsatellites utilized in genetic population studies: an empirical perspective. Hereditas, 2004, 141, 61-67.	1.4	80
161	Ural owl sex allocation and parental investment under poor food conditions. Oecologia, 2003, 137, 140-147.	2.0	71
162	Latitudinal divergence of common frog (Rana temporaria) life history traits by natural selection: evidence from a comparison of molecular and quantitative genetic data. Molecular Ecology, 2003, 12, 1963-1978.	3.9	177

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