

Ben F Koop

List of Publications by Year in descending order

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Version: 2024-02-01

244
papers

17,346
citations

15466

65
h-index

18075

120
g-index

270
all docs

270
docs citations

270
times ranked

16106
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-distance migration is a major factor driving local adaptation at continental scale in Coho salmon. <i>Molecular Ecology</i> , 2023, 32, 542-559.	2.0	14
2	Sablefish (<i>Anoplopoma fimbria</i>) parentage analyses in aquaculture. <i>Aquaculture Research</i> , 2022, 53, 1890-1895.	0.9	1
3	The Genomic Consistency of the Loss of Anadromy in an Arctic Fish (<i>Salvelinus alpinus</i>). <i>American Naturalist</i> , 2022, 199, 617-635.	1.0	5
4	An update of the salmon louse (<i>Lepeophtheirus salmonis</i>) reference genome assembly. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	3
5	Convergent geographic patterns between grizzly bear population genetic structure and Indigenous language groups in coastal British Columbia, Canada. <i>Ecology and Society</i> , 2021, 26, .	1.0	14
6	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
7	The rise and fall of the ancient northern pike master sex-determining gene. <i>ELife</i> , 2021, 10, .	2.8	24
8	Assessing the effects of genotype-by-environment interaction on epigenetic, transcriptomic, and phenotypic response in a Pacific salmon. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	15
9	Comparative regulomics supports pervasive selection on gene dosage following whole genome duplication. <i>Genome Biology</i> , 2021, 22, 103.	3.8	54
10	Detection of selection signatures in farmed coho salmon (<i>Oncorhynchus kisutch</i>) using dense genome-wide information. <i>Scientific Reports</i> , 2021, 11, 9685.	1.6	15
11	Environmental and genetic influences on fitness-related traits in a hatchery coho salmon population. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 852-868.	0.7	2
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	The salmon louse genome: Copepod features and parasitic adaptations. <i>Genomics</i> , 2021, 113, 3666-3680.	1.3	17
14	Sexually Dimorphic Growth Stimulation in a Strain of Growth Hormone Transgenic Coho Salmon (<i>Oncorhynchus kisutch</i>). <i>Marine Biotechnology</i> , 2021, 23, 140-148.	1.1	4
15	The pink salmon genome: Uncovering the genomic consequences of a two-year life cycle. <i>PLoS ONE</i> , 2021, 16, e0255752.	1.1	14
16	Microbial communities associated with the parasitic copepod <i>Lepeophtheirus salmonis</i> . <i>Marine Genomics</i> , 2020, 49, 100688.	0.4	4
17	Limited genetic parallelism underlies recent, repeated incipient speciation in geographically proximate populations of an Arctic fish (<i>Salvelinus alpinus</i>). <i>Molecular Ecology</i> , 2020, 29, 4280-4294.	2.0	17
18	Demographic history shaped geographical patterns of deleterious mutation load in a broadly distributed Pacific Salmon. <i>PLoS Genetics</i> , 2020, 16, e1008348.	1.5	38

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19	Estimates of Autozygosity Through Runs of Homozygosity in Farmed Coho Salmon. <i>Genes</i> , 2020, 11, 490.	1.0	10
20	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
21	Parallelism in eco-morphology and gene expression despite variable evolutionary and genomic backgrounds in a Holarctic fish. <i>PLoS Genetics</i> , 2020, 16, e1008658.	1.5	73
22	The sockeye salmon genome, transcriptome, and analyses identifying population defining regions of the genome. <i>PLoS ONE</i> , 2020, 15, e0240935.	1.1	26
23	Carotenoid pigmentation in salmon: variation in expression at <i>BCO2-1</i> locus controls a key fitness trait affecting red coloration. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191588.	1.2	31
24	Standardized IMGT® Nomenclature of Salmonidae IGH Genes, the Paradigm of Atlantic Salmon and Rainbow Trout: From Genomics to Repertoires. <i>Frontiers in Immunology</i> , 2019, 10, 2541.	2.2	25
25	A genetic linkage map for the salmon louse (<i>Lepeophtheirus salmonis</i>): evidence for high male:female and inter-familial recombination rate differences. <i>Molecular Genetics and Genomics</i> , 2019, 294, 343-363.	1.0	7
26	Whole Genome Linkage Disequilibrium and Effective Population Size in a Coho Salmon (<i>Oncorhynchus tshawytscha</i>). <i>Evolution</i> , 2019, 73, 1000-1010.	1.1	41
27	Design and characterization of an 87k SNP genotyping array for Arctic charr (<i>Salvelinus alpinus</i>). <i>PLoS ONE</i> , 2019, 14, e0215008.	1.1	22
28	Effect of triploidy on liver gene expression in coho salmon (<i>Oncorhynchus kisutch</i>) under different metabolic states. <i>BMC Genomics</i> , 2019, 20, 336.	1.2	4
29	Sex-dependent dominance maintains migration supergene in rainbow trout. <i>Nature Ecology and Evolution</i> , 2019, 3, 1731-1742.	3.4	188
30	Avermectin treatment for <i>Lepeophtheirus salmonis</i> : Impacts on host (<i>Salmo salar</i>) and parasite immunophysiology. <i>Aquaculture</i> , 2019, 501, 488-501.	1.7	10
31	High level efficacy of lufenuron against sea lice (<i>Lepeophtheirus salmonis</i>) linked to rapid impact on moulting processes. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 174-188.	1.4	21
32	A 200K SNP chip reveals a novel Pacific salmon louse genotype linked to differential efficacy of emamectin benzoate. <i>Marine Genomics</i> , 2018, 40, 45-57.	0.4	16
33	Subcellular localization and characterization of estrogenic pathway regulators and mediators in Atlantic salmon spermatozoal cells. <i>Histochemistry and Cell Biology</i> , 2018, 149, 75-96.	0.8	7
34	<i>Caligus rogercresseyi</i> acetylcholinesterase types and variants: a potential marker for organophosphate resistance. <i>Parasites and Vectors</i> , 2018, 11, 570.	1.0	9
35	Regulatory processes that control haploid expression of salmon sperm mRNAs. <i>BMC Research Notes</i> , 2018, 11, 639.	0.6	1
36	The Arctic charr (<i>Salvelinus alpinus</i>) genome and transcriptome assembly. <i>PLoS ONE</i> , 2018, 13, e0204076.	1.1	83

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37	Chinook salmon (<i>Oncorhynchus tshawytscha</i>) genome and transcriptome. PLoS ONE, 2018, 13, e0195461.	1.1	85
38	Parallel epigenetic modifications induced by hatchery rearing in a Pacific salmon. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12964-12969.	3.3	170
39	Functional Annotation of All Salmonid Genomes (FAASC): an international initiative supporting future salmonid research, conservation and aquaculture. BMC Genomics, 2017, 18, 484.	1.2	99
40	Enhanced transcriptomic responses in the Pacific salmon louse <i>Lepeophtheirus salmonis</i> oncorhynchi to the non-native Atlantic Salmon <i>Salmo salar</i> suggests increased parasite fitness. BMC Genomics, 2017, 18, 110.	1.2	16
41	Effects of the vertically transmitted microsporidian <i>Facilispora margolisi</i> and the parasiticide emamectin benzoate on salmon lice (<i>Lepeophtheirus salmonis</i>). BMC Genomics, 2017, 18, 630.	1.2	16
42	Host-parasite transcriptomics during immunostimulant-enhanced rejection of salmon lice (<i>Lepeophtheirus salmonis</i>) by Atlantic salmon (<i>Salmo salar</i>). Facets, 2017, 2, 477-495.	1.1	17
43	Sex-biased gene expression and sequence conservation in Atlantic and Pacific salmon lice (<i>Lepeophtheirus salmonis</i>). BMC Genomics, 2016, 17, 483.	1.2	22
44	The Atlantic salmon genome provides insights into rediploidization. Nature, 2016, 533, 200-205.	13.7	1,021
45	Cypermethrin exposure induces metabolic and stress-related gene expression in copepodid salmon lice (<i>Lepeophtheirus salmonis</i>). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2016, 20, 74-84.	0.4	32
46	A PCR assay detects a male-specific duplicated copy of Anti-Müllerian hormone (amh) in the lingcod (<i>Ophiodon elongatus</i>). BMC Research Notes, 2016, 9, 230.	0.6	28
47	Multi-tissue transcriptome profiles for coho salmon (<i>Oncorhynchus kisutch</i>), a species undergoing rediploidization following whole-genome duplication. Marine Genomics, 2016, 25, 33-37.	0.4	19
48	A comprehensive analysis of teleost MHC class I sequences. BMC Evolutionary Biology, 2015, 15, 32.	3.2	81
49	Transcriptomic responses to emamectin benzoate in Pacific and Atlantic Canadian salmon lice (<i>Lepeophtheirus salmonis</i>) with differing levels of drug resistance. Evolutionary Applications, 2015, 8, 133-148.	1.5	35
50	Infectious hematopoietic necrosis virus (IHNV) persistence in Sockeye Salmon: influence on brain transcriptome and subsequent response to the viral mimic poly(I:C). BMC Genomics, 2015, 16, 634.	1.2	32
51	Differential modulation of resistance biomarkers in skin of juvenile and mature pink salmon, <i>Oncorhynchus gorbuscha</i> by the salmon louse, <i>Lepeophtheirus salmonis</i> . Fish and Shellfish Immunology, 2015, 47, 7-14.	1.6	11
52	Chemokine receptors in Atlantic salmon. Developmental and Comparative Immunology, 2015, 49, 79-95.	1.0	37
53	Signatures of resistance to <i>Lepeophtheirus salmonis</i> include a TH2-type response at the louse-salmon interface. Developmental and Comparative Immunology, 2015, 48, 178-191.	1.0	80
54	The Genome and Linkage Map of the Northern Pike (<i>Esox lucius</i>): Conserved Synteny Revealed between the Salmonid Sister Group and the Neoteleostei. PLoS ONE, 2014, 9, e102089.	1.1	122

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55	Comparison of Host Selection and Gene Expression of Adult <i>Lepeophtheirus Salmonis</i> and <i>Salmo Salar</i> During a Cohabitation of Initially Infected and Uninfected Fish. <i>Journal of Aquaculture Research & Development</i> , 2014, 03, .	0.4	3
56	Comparative transcriptomics of Atlantic <i>Salmo salar</i> , chum <i>Oncorhynchus keta</i> and pink salmon <i>O. gorbuscha</i> during infections with salmon lice <i>Lepeophtheirus salmonis</i> . <i>BMC Genomics</i> , 2014, 15, 200.	1.2	107
57	Atlantic salmon possesses two clusters of type I interferon receptor genes on different chromosomes, which allows for a larger repertoire of interferon receptors than in zebrafish and mammals. <i>Developmental and Comparative Immunology</i> , 2014, 47, 275-286.	1.0	41
58	Divergent immunity and energetic programs in the gills of migratory and resident <i>Oncorhynchus mykiss</i> . <i>Molecular Ecology</i> , 2014, 23, 1952-1964.	2.0	33
59	Transcriptional responses in a <i>Drosophila</i> defensive symbiosis. <i>Molecular Ecology</i> , 2014, 23, 1558-1570.	2.0	44
60	Sex-specific expression and localization of aromatase and its regulators during embryonic and larval development of Atlantic salmon. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 168, 33-44.	0.7	8
61	Microsatellite loci for genetic analysis of the arctic gadids <i>Boreogadus saida</i> and <i>Arctogadus glacialis</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 445-448.	0.4	12
62	Genomics of sablefish (<i>Anoplopoma fimbria</i>): expressed genes, mitochondrial phylogeny, linkage map and identification of a putative sex gene. <i>BMC Genomics</i> , 2013, 14, 452.	1.2	99
63	Sex-specific expression, synthesis and localization of aromatase regulators in one-year-old Atlantic salmon ovaries and testes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 164, 236-246.	0.7	21
64	Comprehensive analysis of MHC class II genes in teleost fish genomes reveals dispensability of the peptide-loading DM system in a large part of vertebrates. <i>BMC Evolutionary Biology</i> , 2013, 13, 260.	3.2	86
65	Early response of gene expression in the distal intestine of Atlantic salmon (<i>Salmo salar</i> L.) during the development of soybean meal induced enteritis. <i>Fish and Shellfish Immunology</i> , 2013, 34, 599-609.	1.6	171
66	How does sequence variability affect <i>de novo</i> assembly quality?. <i>Journal of Natural History</i> , 2013, 47, 901-910.	0.2	5
67	Comparative defense-associated responses in salmon skin elicited by the ectoparasite <i>Lepeophtheirus salmonis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2012, 7, 100-109.	0.4	47
68	Characterization of the Atlantic salmon (<i>Salmo salar</i>) brain-type fatty acid binding protein (<i>fabp7</i>) genes reveals the fates of teleost <i>fabp7</i> genes following whole genome duplications. <i>Gene</i> , 2012, 504, 253-261.	1.0	11
69	Transcriptomics of coping strategies in free-swimming <i>Lepeophtheirus salmonis</i> (Copepoda) larvae responding to abiotic stress. <i>Molecular Ecology</i> , 2012, 21, 6000-6014.	2.0	32
70	Identification of Surrogates of Protection against Yersiniosis in Immersion Vaccinated Atlantic Salmon. <i>PLoS ONE</i> , 2012, 7, e40841.	1.1	37
71	Identification of olfactory receptor genes in Atlantic salmon <i>Salmo salar</i> . <i>Journal of Fish Biology</i> , 2012, 81, 559-575.	0.7	33
72	Genomic Resources for Sea Lice: Analysis of ESTs and Mitochondrial Genomes. <i>Marine Biotechnology</i> , 2012, 14, 155-166.	1.1	39

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73	A transcriptomic scan for positively selected genes in two closely related marine fishes: <i>Sebastes caurinus</i> and <i>S. rastrelliger</i> . <i>Marine Genomics</i> , 2011, 4, 93-98.	0.4	11
74	Ecological transcriptomics of lake-type and riverine sockeye salmon (<i>Oncorhynchus nerka</i>). <i>BMC Ecology</i> , 2011, 11, 31.	3.0	12
75	GO Trimming: Systematically reducing redundancy in large Gene Ontology datasets. <i>BMC Research Notes</i> , 2011, 4, 267.	0.6	86
76	Assessment of population structure in Pacific <i>Lepeophtheirus salmonis</i> (Kr�yer) using single nucleotide polymorphism and microsatellite genetic markers. <i>Aquaculture</i> , 2011, 320, 183-192.	1.7	29
77	Differentiating size-dependent responses of juvenile pink salmon (<i>Oncorhynchus gorbuscha</i>) to sea lice (<i>Lepeophtheirus salmonis</i>) infections. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011, 6, 213-223.	0.4	32
78	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2010 – 30 September 2010. <i>Molecular Ecology Resources</i> , 2011, 11, 219-222.	2.2	48
79	Expression of olfactory receptors in different life stages and life histories of wild Atlantic salmon (<i>Salmo salar</i>). <i>Molecular Ecology</i> , 2011, 20, 4059-4069.	2.0	46
80	General and family-specific gene expression responses to viral hemorrhagic septicaemia virus infection in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Molecular Immunology</i> , 2011, 48, 1046-1058.	1.0	18
81	Comparative Genomics Identifies Candidate Genes for Infectious Salmon Anemia (ISA) Resistance in Atlantic Salmon (<i>Salmo salar</i>). <i>Marine Biotechnology</i> , 2011, 13, 232-241.	1.1	50
82	A 44K microarray dataset of the changing transcriptome in developing Atlantic salmon (<i>Salmo salar</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	48
83	Regulation and expression of sexual differentiation factors in embryonic and extragonadal tissues of Atlantic salmon. <i>BMC Genomics</i> , 2011, 12, 31.	1.2	28
84	Identification of the Sex Chromosomes of Brown Trout <i>(Salmo trutta)</i> and Their Comparison with the Corresponding Chromosomes in Atlantic Salmon <i>(Salmo salar)</i> and Rainbow Trout <i>(Oncorhynchus mykiss)</i>. <i>Cytogenetic and Genome Research</i> , 2011, 133, 25-33.	0.6	40
85	Identification of genes associated with heat tolerance in Arctic charr exposed to acute thermal stress. <i>Physiological Genomics</i> , 2011, 43, 685-696.	1.0	82
86	Ribosomal genes and heat shock proteins as putative markers for chronic, sublethal heat stress in Arctic charr: applications for aquaculture and wild fish. <i>Physiological Genomics</i> , 2011, 43, 1056-1064.	1.0	41
87	Population genetic structure of the parasitic copepod <i>Lepeophtheirus salmonis</i> throughout the Atlantic. <i>Marine Ecology - Progress Series</i> , 2011, 427, 161-172.	0.9	36
88	Comprehensive analysis of MHC class I genes from the U-, S-, and Z-lineages in Atlantic salmon. <i>BMC Genomics</i> , 2010, 11, 154.	1.2	50
89	<i>Salmo salar</i> and <i>Esox lucius</i> full-length cDNA sequences reveal changes in evolutionary pressures on a post-tetraploidization genome. <i>BMC Genomics</i> , 2010, 11, 279.	1.2	163
90	High gene expression of inflammatory markers and IL-17A correlates with severity of injection site reactions of Atlantic salmon vaccinated with oil-adjuvanted vaccines. <i>BMC Genomics</i> , 2010, 11, 336.	1.2	49

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91	Evolution of duplicated IgH loci in Atlantic salmon, <i>Salmo salar</i> . BMC Genomics, 2010, 11, 486.	1.2	75
92	Genomic organization and evolution of the Atlantic salmon hemoglobin repertoire. BMC Genomics, 2010, 11, 539.	1.2	25
93	Risk-based analysis of polychlorinated biphenyl toxicity in harbor seals. Integrated Environmental Assessment and Management, 2010, 6, 631-640.	1.6	42
94	Comparative genomic analysis of Atlantic salmon, <i>Salmo salar</i> , from Europe and North America. BMC Genetics, 2010, 11, 105.	2.7	26
95	Grayling (<i>Thymallinae</i>) phylogeny within salmonids: complete mitochondrial DNA sequences of <i>Thymallus arcticus</i> and <i>Thymallus thymallus</i> . Journal of Fish Biology, 2010, 76, 395-400.	0.7	29
96	Flatfish at seamount hydrothermal vents show strong genetic divergence between volcanic arcs. Marine Ecology, 2010, 31, 158-167.	0.4	19
97	Zonadhesin Is Essential for Species Specificity of Sperm Adhesion to the Egg Zona Pellucida. Journal of Biological Chemistry, 2010, 285, 24863-24870.	1.6	74
98	Regulation, expression and characterization of aromatase (<i>cyp19b1</i>) transcripts in ovary and testis of rainbow trout (<i>Oncorhynchus mykiss</i>). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 118-125.	0.7	22
99	Sequencing the genome of the Atlantic salmon (<i>Salmo salar</i>). Genome Biology, 2010, 11, 403.	3.8	250
100	Genomic Organization and Evolution of the Vomeronasal Type 2 Receptor-Like (OlfC) Gene Clusters in Atlantic Salmon, <i>Salmo salar</i> . Molecular Biology and Evolution, 2009, 26, 1117-1125.	3.5	25
101	Assignment of Atlantic salmon (<i>Salmo salar</i>) linkage groups to specific chromosomes: Conservation of large syntenic blocks corresponding to whole chromosome arms in rainbow trout (<i>Oncorhynchus mykiss</i>). BMC Genetics, 2009, 10, 46.	2.7	96
102	Identification of a molecular marker for type A spermatogonia by microarray analysis using gonadal cells from <i>pvasa</i> -GFP transgenic rainbow trout (<i>Oncorhynchus mykiss</i>). Molecular Reproduction and Development, 2009, 76, 246-254.	1.0	21
103	Genomic organization of Atlantic salmon (<i>Salmo salar</i>) fatty acid binding protein (<i>fabp2</i>) genes reveals independent loss of duplicate loci in teleosts. Marine Genomics, 2009, 2, 193-200.	0.4	13
104	The Sex Determining Loci and Sex Chromosomes in the Family Salmonidae. Sexual Development, 2009, 3, 78-87.	1.1	76
105	Rainbow Smelt (<i>Osmerus mordax</i>) Genomic Library and EST Resources. Marine Biotechnology, 2008, 10, 487-91.	1.1	21
106	EST and Mitochondrial DNA Sequences Support a Distinct Pacific Form of Salmon Louse, <i>Lepeophtheirus salmonis</i> . Marine Biotechnology, 2008, 10, 741-749.	1.1	50
107	Sixteen Type 1 polymorphic microsatellite markers from Chinook salmon (<i>Oncorhynchus tshawytscha</i>) expressed sequence tags. Animal Genetics, 2008, 39, 84-85.	0.6	4
108	Expansion of the genomics research on Atlantic salmon <i>Salmo salar</i> L. project (GRASP) microarray tools. Journal of Fish Biology, 2008, 72, 2051-2070.	0.7	37

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109	A linkage map of the Atlantic salmon (<i>Salmo salar</i>) based on EST-derived SNP markers. <i>BMC Genomics</i> , 2008, 9, 223.	1.2	150
110	Assessing the feasibility of GS FLX Pyrosequencing for sequencing the Atlantic salmon genome. <i>BMC Genomics</i> , 2008, 9, 404.	1.2	72
111	Isolation, characterization and comparison of Atlantic and Chinook salmon growth hormone 1 and 2. <i>BMC Genomics</i> , 2008, 9, 522.	1.2	27
112	A salmonid EST genomic study: genes, duplications, phylogeny and microarrays. <i>BMC Genomics</i> , 2008, 9, 545.	1.2	145
113	Distribution of ancestral proto-Actinopterygian chromosome arms within the genomes of 4R-derivative salmonid fishes (Rainbow trout and Atlantic salmon). <i>BMC Genomics</i> , 2008, 9, 557.	1.2	107
114	Genomic organization and characterization of two vomeronasal 1 receptor-like genes (<i>ora1</i> and <i>ora2</i>) in Atlantic salmon <i>Salmo salar</i> . <i>Marine Genomics</i> , 2008, 1, 23-31.	0.4	22
115	Functional adaptive diversity of the Atlantic salmon T-cell receptor gamma locus. <i>Molecular Immunology</i> , 2008, 45, 2150-2157.	1.0	46
116	Coordinated down-regulation of the antigen processing machinery in the gills of amoebic gill disease-affected Atlantic salmon (<i>Salmo salar</i> L.). <i>Molecular Immunology</i> , 2008, 45, 2581-2597.	1.0	83
117	Microarray analysis reveals differences in expression of cell surface and extracellular matrix components during development of the trout ovary and testis. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2008, 3, 78-90.	0.4	10
118	Striking antigen recognition diversity in the Atlantic salmon T-cell receptor $\hat{\alpha}/\hat{\beta}$ locus. <i>Developmental and Comparative Immunology</i> , 2008, 32, 204-212.	1.0	53
119	Effects of Diesel on Survival, Growth, and Gene Expression in Rainbow Trout (<i>Oncorhynchus Mykiss</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 4.6 23	1.1	49
120	<i>ARS2</i> Is a Conserved Eukaryotic Gene Essential for Early Mammalian Development. <i>Molecular and Cellular Biology</i> , 2008, 28, 1503-1514.	1.1	49
121	A Survey of Expressed Sequence Tags from the Rainbow Trout (<i>Oncorhynchus Mykiss</i>) Pituitary. <i>Animal Biotechnology</i> , 2007, 18, 213-230.	0.7	3
122	The genomic sequence of the bovine T cell receptor gamma TRG loci and localization of the TRGC5 cassette. <i>Veterinary Immunology and Immunopathology</i> , 2007, 115, 346-356.	0.5	48
123	An extensive resource of single nucleotide polymorphism markers associated with Atlantic salmon (<i>Salmo salar</i>) expressed sequences. <i>Aquaculture</i> , 2007, 265, 82-90.	1.7	110
124	Toxicogenomic responses in rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes exposed to model chemicals and a synthetic mixture. <i>Aquatic Toxicology</i> , 2007, 81, 293-303.	1.9	68
125	Contaminant-associated disruption of vitamin A and its receptor (retinoic acid receptor $\hat{\alpha}$) in free-ranging harbour seals (<i>Phoca vitulina</i>). <i>Aquatic Toxicology</i> , 2007, 81, 319-328.	1.9	65
126	TCR and CD3 antibody cross-reactivity in 44 species. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007, 71A, 925-933.	1.1	18

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127	Genomic organization of duplicated major histocompatibility complex class I regions in Atlantic salmon (<i>Salmo salar</i>). <i>BMC Genomics</i> , 2007, 8, 251.	1.2	60
128	Bursts and horizontal evolution of DNA transposons in the speciation of pseudotetraploid salmonids. <i>BMC Genomics</i> , 2007, 8, 422.	1.2	128
129	Identification of the sex-determining locus of Atlantic salmon (<i>Salmo salar</i>) on chromosome 2. <i>Cytogenetic and Genome Research</i> , 2006, 112, 152-159.	0.6	47
130	Comparative analysis of the paired immunoglobulin-like receptor (PILR) locus in six mammalian genomes: duplication, conversion, and the birth of new genes. <i>Physiological Genomics</i> , 2006, 27, 201-218.	1.0	27
131	Transcriptome profiling the gills of amoebic gill disease (AGD)-affected Atlantic salmon (<i>Salmo salar</i>) using microarray technology. <i>BMC Genomics</i> , 2007, 8, 101.	1.0	101
132	Expression of morphogenic genes in mature ovarian and testicular tissues: Potential stem-cell niche markers and patterning factors. <i>Molecular Reproduction and Development</i> , 2006, 73, 142-152.	1.0	31
133	Multiple microarray platforms utilized for hepatic gene expression profiling of GH transgenic coho salmon with and without ration restriction. <i>Journal of Molecular Endocrinology</i> , 2006, 37, 259-282.	1.1	69
134	Sequence Analysis and Organization of the Neodiprion abietis Nucleopolyhedrovirus Genome. <i>Journal of Virology</i> , 2006, 80, 6952-6963.	1.5	38
135	Type I microsatellite markers from Atlantic salmon (<i>Salmo salar</i>) expressed sequence tags. <i>Molecular Ecology Notes</i> , 2005, 5, 762-766.	1.7	24
136	Fish and chips: Various methodologies demonstrate utility of a 16,006-gene salmonid microarray. <i>BMC Genomics</i> , 2005, 6, 126.	1.2	178
137	Expression and genomic organization of zonadhesin-like genes in three species of fish give insight into the evolutionary history of a mosaic protein. <i>BMC Genomics</i> , 2005, 6, 165.	1.2	9
138	A highly redundant BAC library of Atlantic salmon (<i>Salmo salar</i>): an important tool for salmon projects. <i>BMC Genomics</i> , 2005, 6, 50.	1.2	79
139	A Comprehensive Survey of the Genes Involved in Maturation and Development of the Rainbow Trout Ovary I. <i>Biology of Reproduction</i> , 2005, 72, 687-699.	1.2	95
140	A physical map of the genome of Atlantic salmon, <i>Salmo salar</i> . <i>Genomics</i> , 2005, 86, 396-404.	1.3	97
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