

Alastair Hamilton

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,679
citations

516215

16
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839053

18
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all docs

18
docs citations

18
times ranked

1239
citing authors

#	ARTICLE	IF	CITATIONS
1	The nedd-8 activating enzyme gene underlies genetic resistance to infectious pancreatic necrosis virus in Atlantic salmon. <i>Genomics</i> , 2021, 113, 3842-3850.	1.3	22
2	Assessment of Marine Gill Disease in Farmed Atlantic Salmon (<i>Salmo salar</i>) in Chile Using a Novel Total Gross Gill Scoring System: A Case Study. <i>Microorganisms</i> , 2021, 9, 2605.	1.6	4
3	Optimizing Low-Cost Genotyping and Imputation Strategies for Genomic Selection in Atlantic Salmon. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 581-590.	0.8	61
4	Characterising the mechanisms underlying genetic resistance to amoebic gill disease in Atlantic salmon using RNA sequencing. <i>BMC Genomics</i> , 2020, 21, 271.	1.2	23
5	Genome-Wide Association and Genomic Selection for Resistance to Amoebic Gill Disease in Atlantic Salmon. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1195-1203.	0.8	142
6	Retrospective Evaluation of Marker-Assisted Selection for Resistance to Bacterial Cold Water Disease in Three Generations of a Commercial Rainbow Trout Breeding Population. <i>Frontiers in Genetics</i> , 2018, 9, 286.	1.1	29
7	Genotype Imputation To Improve the Cost-Efficiency of Genomic Selection in Farmed Atlantic Salmon. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1377-1383.	0.8	93
8	Verification of SNPs Associated with Growth Traits in Two Populations of Farmed Atlantic Salmon. <i>International Journal of Molecular Sciences</i> , 2016, 17, 5.	1.8	36
9	Genomic prediction of host resistance to sea lice in farmed Atlantic salmon populations. <i>Genetics Selection Evolution</i> , 2016, 48, 47.	1.2	203
10	Gene expression comparison of resistant and susceptible Atlantic salmon fry challenged with Infectious Pancreatic Necrosis virus reveals a marked contrast in immune response. <i>BMC Genomics</i> , 2016, 17, 279.	1.2	78
11	Genome wide association and genomic prediction for growth traits in juvenile farmed Atlantic salmon using a high density SNP array. <i>BMC Genomics</i> , 2015, 16, 969.	1.2	211
12	The genetic architecture of growth and fillet traits in farmed Atlantic salmon (<i>Salmo salar</i>). <i>BMC Genetics</i> , 2015, 16, 51.	2.7	77
13	Development and validation of a high density SNP genotyping array for Atlantic salmon (<i>Salmo salar</i>). <i>BMC Genomics</i> , 2014, 15, 90.	1.2	219
14	Ploidy and family effects on Atlantic salmon (<i>Salmo salar</i>) growth, deformity and harvest quality during a full commercial production cycle. <i>Aquaculture</i> , 2013, 410-411, 41-50.	1.7	56
15	A SNP in the 5' flanking region of the myostatin-1b gene is associated with harvest traits in Atlantic salmon (<i>Salmo salar</i>). <i>BMC Genetics</i> , 2013, 14, 112.	2.7	27
16	Characterisation of QTL-linked and genome-wide restriction site-associated DNA (RAD) markers in farmed Atlantic salmon. <i>BMC Genomics</i> , 2012, 13, 244.	1.2	120
17	Quantitative comparison of bacterial communities in two Mediterranean sponges. <i>Symbiosis</i> , 2010, 51, 239-243.	1.2	16
18	Major Quantitative Trait Loci Affect Resistance to Infectious Pancreatic Necrosis in Atlantic Salmon (<i>Salmo salar</i>). <i>Genetics</i> , 2008, 178, 1109-1115.	1.2	262