

# Alastair Hamilton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1072954/publications.pdf>

Version: 2024-02-01

18  
papers

1,679  
citations

516710

16  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Major Quantitative Trait Loci Affect Resistance to Infectious Pancreatic Necrosis in Atlantic Salmon ( <i>Salmo salar</i> ). <i>Genetics</i> , 2008, 178, 1109-1115.	2.9	262
2	Development and validation of a high density SNP genotyping array for Atlantic salmon ( <i>Salmo salar</i> ). <i>BMC Genomics</i> , 2014, 15, 90.	2.8	219
3	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.	2.8	211
4	Genomic prediction of host resistance to sea lice in farmed Atlantic salmon populations. <i>Genetics Selection Evolution</i> , 2016, 48, 47.	3.0	203
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.	1.8	142
6	Characterisation of QTL-linked and genome-wide restriction site-associated DNA (RAD) markers in farmed Atlantic salmon. <i>BMC Genomics</i> , 2012, 13, 244.	2.8	120
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.	1.8	93
8	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.	2.8	78
9	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
10	Optimizing Low-Cost Genotyping and Imputation Strategies for Genomic Selection in Atlantic Salmon. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 581-590.	1.8	61
11	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.	3.5	56
12	Verification of SNPs Associated with Growth Traits in Two Populations of Farmed Atlantic Salmon. <i>International Journal of Molecular Sciences</i> , 2016, 17, 5.	4.1	36
13	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.	2.3	29
14	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
15	Characterising the mechanisms underlying genetic resistance to amoebic gill disease in Atlantic salmon using RNA sequencing. <i>BMC Genomics</i> , 2020, 21, 271.	2.8	23
16	The nedd-8 activating enzyme gene underlies genetic resistance to infectious pancreatic necrosis virus in Atlantic salmon. <i>Genomics</i> , 2021, 113, 3842-3850.	2.9	22
17	Quantitative comparison of bacterial communities in two Mediterranean sponges. <i>Symbiosis</i> , 2010, 51, 239-243.	2.3	16
18	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.	3.6	4