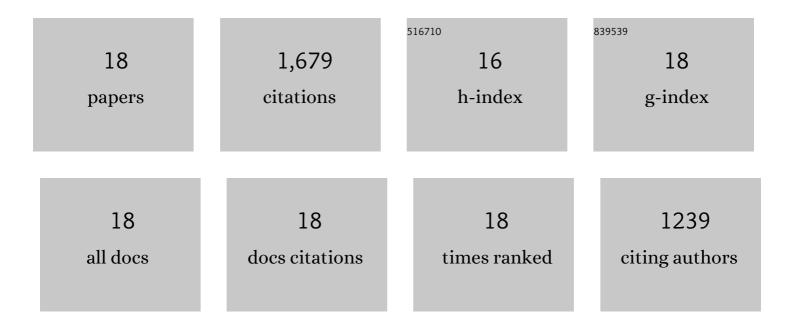
## Alastair Hamilton

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1072954/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Major Quantitative Trait Loci Affect Resistance to Infectious Pancreatic Necrosis in Atlantic Salmon ( <i>Salmo salar</i> ). Genetics, 2008, 178, 1109-1115.	2.9	262
2	Development and validation of a high density SNP genotyping array for Atlantic salmon (Salmo salar). BMC Genomics, 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. BMC Genomics, 2015, 16, 969.	2.8	211
4	Genomic prediction of host resistance to sea lice in farmed Atlantic salmon populations. Genetics Selection Evolution, 2016, 48, 47.	3.0	203
5	Genome-Wide Association and Genomic Selection for Resistance to Amoebic Gill Disease in Atlantic Salmon. G3: Genes, Genomes, Genetics, 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. BMC Genomics, 2012, 13, 244.	2.8	120
7	Genotype Imputation To Improve the Cost-Efficiency of Genomic Selection in Farmed Atlantic Salmon. G3: Genes, Genomes, Genetics, 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. BMC Genomics, 2016, 17, 279.	2.8	78
9	The genetic architecture of growth and fillet traits in farmed Atlantic salmon (Salmo salar). BMC Genetics, 2015, 16, 51.	2.7	77
10	Optimizing Low-Cost Genotyping and Imputation Strategies for Genomic Selection in Atlantic Salmon. G3: Genes, Genomes, Genetics, 2020, 10, 581-590.	1.8	61
11	Ploidy and family effects on Atlantic salmon (Salmo salar) growth, deformity and harvest quality during a full commercial production cycle. Aquaculture, 2013, 410-411, 41-50.	3.5	56
12	Verification of SNPs Associated with Growth Traits in Two Populations of Farmed Atlantic Salmon. International Journal of Molecular Sciences, 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. Frontiers in Genetics, 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 (Salmo salar). BMC Genetics, 2013, 14, 112.	2.7	27
15	Characterising the mechanisms underlying genetic resistance to amoebic gill disease in Atlantic salmon using RNA sequencing. BMC Genomics, 2020, 21, 271.	2.8	23
16	The nedd-8 activating enzyme gene underlies genetic resistance to infectious pancreatic necrosis virus in Atlantic salmon. Genomics, 2021, 113, 3842-3850.	2.9	22
17	Quantitative comparison of bacterial communities in two Mediterranean sponges. Symbiosis, 2010, 51, 239-243.	2.3	16
18	Assessment of Marine Gill Disease in Farmed Atlantic Salmon (Salmo salar) in Chile Using a Novel Total Gross Gill Scoring System: A Case Study. Microorganisms, 2021, 9, 2605.	3.6	4