

Dag Inge VÅ¥ge

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,919
citations

304743

22
h-index

175258

52
g-index

59
all docs

59
docs citations

59
times ranked

3515
citing authors

#	ARTICLE	IF	CITATIONS
1	The Atlantic salmon genome provides insights into rediploidization. <i>Nature</i> , 2016, 533, 200-205.	27.8	1,021
2	A non-epistatic interaction of agouti and extension in the fox, <i>Vulpes vulpes</i> . <i>Nature Genetics</i> , 1997, 15, 311-315.	21.4	204
3	Molecular and pharmacological characterization of dominant black coat color in sheep. <i>Mammalian Genome</i> , 1999, 10, 39-43.	2.2	194
4	A missense mutation in growth differentiation factor 9 (GDF9) is strongly associated with litter size in sheep. <i>BMC Genetics</i> , 2013, 14, 1.	2.7	172
5	Quantitative trait loci affecting clinical mastitis and somatic cell count in dairy cattle. <i>Mammalian Genome</i> , 2001, 12, 837-842.	2.2	98
6	A frameshift mutation in the coding region of the <i>myostatin</i> gene (<i>MSTN</i>) affects carcass conformation and fatness in Norwegian White Sheep (<i>Ovis aries</i>). <i>Animal Genetics</i> , 2009, 40, 418-422.	1.7	87
7	A Ligand-Mimetic Model for Constitutive Activation of the Melanocortin-1 Receptor. <i>Molecular Endocrinology</i> , 1998, 12, 592-604.	3.7	80
8	Mapping of quantitative trait loci for flesh colour and growth traits in Atlantic salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	3.0	80
9	A Genome Scan for Quantitative Trait Loci Affecting Milk Production in Norwegian Dairy Cattle. <i>Journal of Dairy Science</i> , 2002, 85, 3124-3130.	3.4	74
10	A primary screen of the bovine genome for quantitative trait loci affecting twinning rate. <i>Mammalian Genome</i> , 2000, 11, 877-882.	2.2	64
11	Two cysteine substitutions in the MC1R generate the blue variant of the arctic fox (<i>Alopex lagopus</i>) and prevent expression of the white winter coat. <i>Peptides</i> , 2005, 26, 1814-1817.	2.4	49
12	Carotenoid dynamics in Atlantic salmon. <i>BMC Biology</i> , 2006, 4, 10.	3.8	49
13	Pigmentary Switches in Domestic Animal Species. <i>Annals of the New York Academy of Sciences</i> , 2003, 994, 331-338.	3.8	48
14	SalmoBase: an integrated molecular data resource for Salmonid species. <i>BMC Genomics</i> , 2017, 18, 482.	2.8	46
15	Mapping and Characterization of the Dominant Black Colour Locus in Sheep. <i>Pigment Cell & Melanoma Research</i> , 2003, 16, 693-697.	3.6	44
16	A novel governance framework for <sc>GMO</sc>. <i>EMBO Reports</i> , 2019, 20, .	4.5	39
17	The Regulatory Basis of Melanogenic Switching. <i>Journal of Theoretical Biology</i> , 2002, 215, 449-468.	1.7	38
18	Characterisation of a novel paralog of scavenger receptor class B member I (SCARB1) in Atlantic salmon (<i>Salmo salar</i>). <i>BMC Genetics</i> , 2011, 12, 52.	2.7	33

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19	A Ligand-Mimetic Model for Constitutive Activation of the Melanocortin-1 Receptor. <i>Molecular Endocrinology</i> , 1998, 12, 592-604.	3.7	33
20	Genomic organization and transcript profiling of the bovine toll-like receptor gene cluster TLR6-TLR1-TLR10. <i>Gene</i> , 2006, 384, 45-50.	2.2	32
21	Molecular Genetics of Pigmentation in Domestic Animals. <i>Current Genomics</i> , 2000, 1, 223-242.	1.6	29
22	Demyelinating polyneuropathy in goats lacking prion protein. <i>FASEB Journal</i> , 2020, 34, 2359-2375.	0.5	27
23	Relationship between sperm motility characteristics and ATP concentrations, and association with fertility in two different pig breeds. <i>Animal Reproduction Science</i> , 2018, 193, 226-234.	1.5	24
24	Genomic and functional gene studies suggest a key role of beta-carotene oxygenase 1 like (bco1l) gene in salmon flesh color. <i>Scientific Reports</i> , 2019, 9, 20061.	3.3	24
25	Why are salmonids pink?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1614-1627.	1.4	23
26	Coat colour genes in diversity studies. <i>Journal of Animal Breeding and Genetics</i> , 2000, 117, 217-224.	2.0	20
27	When Parameters in Dynamic Models Become Phenotypes: A Case Study on Flesh Pigmentation in the Chinook Salmon (<i>Oncorhynchus tshawytscha</i>). <i>Genetics</i> , 2008, 179, 1113-1118.	2.9	19
28	A novel role for pigment genes in the stress response in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Scientific Reports</i> , 2016, 6, 28969.	3.3	19
29	Association analysis of the constructed linkage maps covering TLR2 and TLR4 with clinical mastitis in Norwegian Red cattle. <i>Journal of Animal Breeding and Genetics</i> , 2008, 125, 110-118.	2.0	18
30	RNA sequencing reveals candidate genes and polymorphisms related to sperm DNA integrity in testis tissue from boars. <i>BMC Veterinary Research</i> , 2017, 13, 362.	1.9	17
31	Consensus and comprehensive linkage maps of bovine chromosome 7. <i>Animal Genetics</i> , 2000, 31, 206-209.	1.7	15
32	The effect of excess cobalt on milk fatty acid profiles and transcriptional regulation of SCD, FASN, DGAT1 and DGAT2 in the mammary gland of lactating dairy cows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2012, 96, 1065-1073.	2.2	15
33	The evolution and functional divergence of the beta-carotene oxygenase gene family in teleost fish—Exemplified by Atlantic salmon. <i>Gene</i> , 2014, 543, 268-274.	2.2	14
34	High levels of linkage disequilibria between serologically defined class I bovine lymphocyte antigens (BOLA) and class II DQB restriction fragment length polymorphism (RFLP) in Norwegian cows. <i>Animal Genetics</i> , 1992, 23, 125-132.	1.7	13
35	SalMotifDB: a tool for analyzing putative transcription factor binding sites in salmonid genomes. <i>BMC Genomics</i> , 2019, 20, 694.	2.8	13
36	The Use of Genetic Markers to Measure Genomic Response to Selection in Livestock. <i>Genetics</i> , 2002, 162, 1381-1388.	2.9	13

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37	Two missense mutations in <i>melanocortin 1 receptor</i> (<i>MC1R</i>) are strongly associated with dark ventral coat color in reindeer (<i>Rangifer tarandus</i>). <i>Animal Genetics</i> , 2014, 45, 750-753.	1.7	12
38	A Male Genetic Map Designed for Quantitative Trait Loci Mapping in Norwegian Cattle. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2000, 50, 56-63.	0.2	10
39	A study on association between mastitis and serologically defined class I bovine lymphocyte antigens (BOLA) in Norwegian cows. <i>Animal Genetics</i> , 1992, 23, 533-536.	1.7	10
40	Norwegian e-Infrastructure for Life Sciences (NeLS). <i>F1000Research</i> , 2018, 7, 968.	1.6	10
41	A <i>BsmI</i> polymorphism in the bovine lipoprotein lipase gene. <i>Animal Genetics</i> , 1995, 26, 283-284.	1.7	9
42	Genomic regions and signaling pathways associated with indicator traits for feed efficiency in juvenile Atlantic salmon (<i>Salmo salar</i>). <i>Genetics Selection Evolution</i> , 2020, 52, 66.	3.0	9
43	Selection based on progeny testing induces rapid changes in myostatin allele frequencies - a case study in sheep. <i>Journal of Animal Breeding and Genetics</i> , 2011, 128, 52-55.	2.0	7
44	Linkage mapping of the <i>Fc̢2</i> receptor gene to bovine Chromosome 18. <i>Mammalian Genome</i> , 1997, 8, 300-301.	2.2	6
45	A medium-throughput SNP assay for detecting genetic variation in coding and non-coding portions of the red fox genome. <i>Conservation Genetics Resources</i> , 2009, 1, 459-463.	0.8	6
46	Resolution of conflicting assignments for the bovine casein kinase II \pm (<i>CSNK2A2</i>) gene. <i>Animal Genetics</i> , 2000, 31, 131-134.	1.7	5
47	Detection of runs of homozygosity in Norwegian Red: Density, criteria and genotyping quality control. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2017, 67, 107-116.	0.2	5
48	Transcriptome profiling of porcine testis tissue reveals genes related to sperm hyperactive motility. <i>BMC Veterinary Research</i> , 2020, 16, 161.	1.9	5
49	Partial sequence of an expressed major histocompatibility complex gene (DQA) from arctic fox (<i>Alopex</i>) Tj ETQq1 1.0,784314,rgBT /O 1.5 4		
50	Coat colour genes in diversity studies. <i>Journal of Animal Breeding and Genetics</i> , 2000, 117, 217-224.	2.0	4
51	Insertion of an endogenous Jaagsiekte sheep retrovirus element into the <i>BCO2</i> gene abolishes its function and leads to yellow discoloration of adipose tissue in Norwegian SpÅlsau (<i>Ovis aries</i>). <i>BMC Genomics</i> , 2021, 22, 492.	2.8	4
52	Association between single-nucleotide polymorphisms within candidate genes and fertility in Landrace and Duroc pigs. <i>Acta Veterinaria Scandinavica</i> , 2019, 61, 58.	1.6	2
53	Functional Variants of the MSH Receptor (MC1-R), Agouti, and Their Effects on Mammalian Pigmentation. , 1998, , 231-259.		2
54	Quantitative trait loci affecting clinical mastitis and somatic cell count in dairy cattle. <i>Mammalian Genome</i> , 2001, 012, 0837-0842.	2.2	2

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55	The Melanocortin-1 Receptor. , 2000, , 309-339.		2
56	Segment-based coancestry, additive relationship and genetic variance within and between the Norwegian and the Swedish Fjord horse populations. Acta Agriculturae Scandinavica - Section A: Animal Science, 2020, 69, 118-126.	0.2	0