Jon Gh Hickford

List of Publications by Year
in descending order

204 papers	3,214 citations	218677 26 h-index	233421 45 g-index
208 all docs	208 docs citations	208 times ranked	1540 citing authors

#	Article	IF	Citations
1	An effective method for silver-staining DNA in large numbers of polyacrylamide gels. Analytical Biochemistry, 2009, 385, 174-175.	2.4	216
2	A two-step procedure for extracting genomic DNA from dried blood spots on filter paper for polymerase chain reaction amplification. Analytical Biochemistry, 2006, 354, 159-161.	2.4	170
3	Polymorphisms in the ovine myostatin gene (MSTN) and their association with growth and carcass traits in New Zealand Romney sheep. Animal Genetics, 2010, 41, 64-72.	1.7	102
4	Wool Keratin-Associated Protein Genes in Sheepâ€"A Review. Genes, 2016, 7, 24.	2.4	87
5	Diversity of the glycine/tyrosine-rich keratin-associated protein 6 gene (KAP6) family in sheep. Molecular Biology Reports, 2011, 38, 31-35.	2.3	81
6	An Updated Nomenclature for Keratin-Associated Proteins (KAPs). International Journal of Biological Sciences, 2012, 8, 258-264.	6.4	68
7	Intermuscular variation in tenderness: association with the ubiquitous and muscle-specific calpains.. Journal of Animal Science, 2001, 79, 122.	0.5	65
8	Dichelobacter nodosus, Fusobacterium necrophorum and the epidemiology of footrot. Anaerobe, 2009, 15, 173-176.	2.1	64
9	Polymorphism in two genes for B2 high sulfur proteins of wool. Animal Genetics, 1994, 25, 407-415.	1.7	60
10	Association between alleles of the ovine major histocompatibility complex and resistance to footrot. Research in Veterinary Science, 1997, 63, 283-287.	1.9	55
11	Identification of the Ovine Keratin-Associated Protein 22-1 (KAP22-1) Gene and Its Effect on Wool Traits. Genes, 2017, 8, 27.	2.4	53
12	Identification and characterization of circular RNA in lactating mammary glands from two breeds of sheep with different milk production profiles using RNA-Seq. Genomics, 2020, 112, 2186-2193.	2.9	52
13	Variation in Fusobacterium necrophorum strains present on the hooves of footrot infected sheep, goats and cattle. Veterinary Microbiology, 2009, 135, 363-367.	1.9	49
14	A 57â€bp deletion in the ovine <scp>KAP</scp>6â€1 gene affects wool fibre diameter. Journal of Animal Breeding and Genetics, 2015, 132, 301-307.	2.0	44
15	Polymorphism of the KAP1.1, KAP1.3 and K33 genes in Merino sheep. Molecular and Cellular Probes, 2007, 21, 338-342.	2.1	42
16	Identification of the ovine KAP11-1 gene (KRTAP11-1) and genetic variation in its coding sequence. Molecular Biology Reports, 2011, 38, 5429-5433.	2.3	41
17	Identification of the Ovine Keratin-Associated Protein 26-1 Gene and Its Association with Variation in Wool Traits. Genes, 2017, 8, 225.	2.4	41
18	Extensive diversity in New Zealand Dichelobacter nodosus strains from infected sheep and goats. Veterinary Microbiology, 2000, 71, 113-123.	1.9	38

#	Article	IF	Citations
19	Increased Vibrissa Growth in Transgenic Mice Expressing Insulin-like Growth Factor 1. Journal of Investigative Dermatology, 1999, 112, 245-248.	0.7	33
20	Ovine footrot: New approaches to an old disease. Veterinary Microbiology, 2011, 148, 1-7.	1.9	31
21	Polymorphism of the ovine keratin-associated protein 1-4 gene (KRTAP1-4). Molecular Biology Reports, 2010, 37, 3377-3380.	2.3	30
22	Associations between variation in the ovine high glycine-tyrosine keratin-associated protein geneKRTAP20-1and wool traits1. Journal of Animal Science, 2019, 97, 587-595.	0.5	30
23	Rapid communication: PCR-RFLP for MspI and NcoI in the ovine calpastatin gene.. Journal of Animal Science, 1998, 76, 1499.	0.5	29
24	Polymorphism at the ovine Î²₃â€adrenergic receptor locus: associations with birth weight, growth rate, carcass composition and cold survival. Animal Genetics, 2003, 34, 19-25.	1.7	29
25	Polymorphism at the ovine Î²3-adrenergic receptor locus (ADRB3) and its association with lamb mortality1. Journal of Animal Science, 2007, 85, 2801-2806.	0.5	28
26	Polymorphism of KRT83 and its association with selected wool traits in Merino-cross lambs. Small Ruminant Research, 2017, 155, 6-11.	1.2	28
27	Identification and sequence analysis of the keratin-associated protein 24â€1 (KAP24-1) gene homologue in sheep. Gene, 2012, 511, 62-65.	2.2	27
28	Association of wool traits with variation in the ovine KAP1-2 gene in Merino cross lambs. Small Ruminant Research, 2015, 124, 24-29.	1.2	27
29	Variation in the Caprine KAP24-1 Gene Affects Cashmere Fibre Diameter. Animals, 2019, 9, 15.	2.3	27
30	Detection of Fusobacterium necrophorum and Dichelobacter nodosus in lame cattle on dairy farms in New Zealand. Research in Veterinary Science, 2009, 87, 413-415.	1.9	26
31	Search for Variation in the Ovine KAP7-1 and KAP8-1 Genes Using Polymerase Chain Reactionâ€"Single-Stranded Conformational Polymorphism Screening. DNA and Cell Biology, 2012, 31, 367-370.	1.9	26
32	Polymorphism of the ovine calpastatin gene. Molecular and Cellular Probes, 2007, 21, 242-244.	2.1	25
33	A premature stop codon in the ADAMTS2 gene is likely to be responsible for dermatosparaxis in Dorper sheep. Animal Genetics, 2012, 43, 471-473.	1.7	25
34	Identification of four new gene members of the KAP6 gene family in sheep. Scientific Reports, 2016, 6, 24074.	3.3	25
35	Polymorphism at the ovine major histocompatibility complex class II loci. Animal Genetics, 1996, 27, 305-312.	1.7	24
36	Identification of the ovine keratin-associated protein KAP1-2 gene (KRTAP1-2). Experimental Dermatology, 2011, 20, 815-819.	2.9	24

#	Article	IF	Citations
37	Identification of the Caprine Keratin-Associated Protein 20-2 (KAP20-2) Gene and Its Effect on Cashmere Traits. Genes, 2017, 8, 328.	2.4	24
38	Clonal polymerase chain reactionâ€"single-strand conformational polymorphism analysis: An effective approach for identifying cloned sequences. Analytical Biochemistry, 2008, 378, 111-112.	2.4	23
39	Identification of Allelic Polymorphism in the Ovine Leptin Gene. Molecular Biotechnology, 2009, 41, 22-25.	2.4	23
40	The sheep KAP8-2 gene, a new KAP8 family member that is absent in humans. SpringerPlus, 2014, 3, 528.	1.2	23
41	Variation in the coding region of the myostatin (GDF8) gene in sheep. Molecular and Cellular Probes, 2008, 22, 67-68.	2.1	22
42	Association of the ADRB3 gene with birth weight and growth rate to weaning in New Zealand Romney sheep. Animal Genetics, 2009, 40, 251-251.	1.7	22
43	Variation in the KAP8-2 gene affects wool crimp and growth in Chinese Tan sheep. Small Ruminant Research, 2017, 149, 77-80.	1.2	22
44	Variation in the Ovine KAP6-3 Gene (KRTAP6-3) Is Associated with Variation in Mean Fibre Diameter-Associated Wool Traits. Genes, 2017, 8, 204.	2.4	22
45	A nucleotide substitution in the ovine <scp>KAP</scp>20â€2 gene leads to a premature stop codon that affects wool fibre curvature. Animal Genetics, 2018, 49, 357-358.	1.7	22
46	Polymorphism at the ?3-adrenergic receptor (ADRB3) locus of Merino sheep and its association with lamb mortality. Animal Genetics, 2006, 37, 465-468.	1.7	21
47	Variation in the KAP6-1 gene in Chinese Tan sheep and associations with variation in wool traits. Small Ruminant Research, 2017, 154, 129-132.	1.2	21
48	Haplotype analysis of the DQA genes in sheep: Evidence supporting recombination between the loci1. Journal of Animal Science, 2007, 85, 577-582.	0.5	20
49	Association of the ovine calpastatin gene with birth weight and growth rate to weaning. Animal Genetics, 2008, 39, 572-573.	1.7	19
50	Genetic variations in the myostatin gene (MSTN) in New Zealand sheep breeds. Molecular Biology Reports, 2013, 40, 6379-6384.	2.3	19
51	Variation in the bovine FABP4 gene affects milk yield and milk protein content in dairy cows. Scientific Reports, 2015, 5, 10023.	3.3	19
52	Identification and characterization of circular RNAs in mammary gland tissue from sheep at peak lactation and during the nonlactating period. Journal of Dairy Science, 2021, 104, 2396-2409.	3.4	19
53	Allelic variation of the ovine Toll-like receptor 4 gene. Developmental and Comparative Immunology, 2007, 31, 105-108.	2.3	18
54	Identification of the keratin-associated protein 13-3 (KAP13-3) gene in sheep. Open Journal of Genetics, 2011, 01, 60-64.	0.1	18

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55	A keratin-associated protein (KAP) gene that is associated with variation in cashmere goat fleece weight. Small Ruminant Research, 2018, 167, 104-109.	1.2	18
56	Emerging issues with the current keratin-associated protein nomenclature. International Journal of Trichology, 2010, 2, 104.	0.5	17
57	Variation in the FABP4 gene affects carcass and growth traits in sheep. Meat Science, 2018, 145, 334-339.	5.5	17
58	Characterisation of an Ovine Keratin Associated Protein (KAP) Gene, Which Would Produce a Protein Rich in Glycine and Tyrosine, but Lacking in Cysteine. Genes, 2019, 10, 848.	2.4	17
59	Analysis of variation in the ovine ultra-high sulphur keratin-associated protein KAP5-4 gene using PCR-SSCP technique. Electrophoresis, 2010, 31, 3545-3547.	2.4	16
60	Variation in the ovine keratin-associated protein 15-1 gene affects wool yield. Journal of Agricultural Science, 2018, 156, 922-928.	1.3	16
61	Rapid and accurate typing of Dichelobacter nodosus using PCR amplification and reverse dot-blot hybridisation. Veterinary Microbiology, 2001, 80, 149-162.	1.9	15
62	A field trial to control ovine footrot via vaccination and genetic markers. Small Ruminant Research, 2009, 86, 22-25.	1.2	15
63	Association between variation in faecal egg count for a mixed field-challenge of nematode parasites and ovine MHC-DQA2 polymorphism. Veterinary Immunology and Immunopathology, 2011, 144, 312-320.	1.2	15
64	Two single nucleotide polymorphisms in the promoter of the ovine myostatin gene (<scp>MSTN</scp>) and their effect on growth and carcass muscle traits in <scp>N</scp>ew <scp>Z</scp>ealand <scp>R</scp>omney sheep. Journal of Animal Breeding and Genetics, 2016, 133, 219-226.	2.0	15
65	Variation in the Fatty Acid Synthase Gene (FASN) and Its Association with Milk Traits in Gannan Yaks. Animals, 2019, 9, 613.	2.3	15
66	On the Search for Grazing Personalities: From Individual to Collective Behaviors. Frontiers in Veterinary Science, 2020, 7, 74.	2.2	15
67	Polymorphism of the ovine Î²₃â€adrenergic receptor gene (ADRB3) and its association with wool mean staple strength and yield. Animal Genetics, 2009, 40, 958-962.	1.7	14
68	Effect of Myostatin (MSTN) g+6223G>A on Production and Carcass Traits in New Zealand Romney Sheep. Asian-Australasian Journal of Animal Sciences, 2010, 23, 863-866.	2.4	14
69	Polymorphism of the bovine ADRB3 gene. Molecular Biology Reports, 2010, 37, 3389-3392.	2.3	14
70	Identification of the ovine keratin-associated protein 15-1 gene (KRTAP15-1) and genetic variation in its coding sequence. Small Ruminant Research, 2017, 153, 131-136.	1.2	14
71	Effect of DGAT1 variant (K232A) on milk traits and milk fat composition in outdoor pasture-grazed dairy cattle. New Zealand Journal of Agricultural Research, 2021, 64, 101-113.	1.6	14
72	Evolution of the ovine MHC DQA region. Animal Genetics, 2000, 31, 200-205.	1.7	13

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73	Short communication: Single nucleotide polymorphisms in an intron of the ovine calpastatin gene. Animal Biotechnology, 2000, 11, 63-67.	1.5	13
74	Short Communication: Identification of Allelic Variation at the Bovine DRA Locus by Polymerase Chain Reaction-Single Strand Conformational Polymorphism. Journal of Dairy Science, 2007, 90, 1943-1946.	3.4	13
75	Glycosylation of type-IV fimbriae of Dichelobacter nodosus. Veterinary Microbiology, 2008, 126, 160-167.	1.9	13
76	Polymorphism of the MHC-DQA2 gene in the Chios dairy sheep population and its association with footrot. Livestock Science, 2013, 153, 56-59.	1.6	13
77	Lingrong Bai 1,â€, Jing Wang 2,â€, Huitong Zhou 3, Hua Gong 3, Jinzhong Tao 1,* and Jon G. H. Hickford 3,*. Animals, 2019, 9, 142.	2.3	13
78	Comparison of the Transcriptome of the Ovine Mammary Gland in Lactating and Non-lactating Small-Tailed Han Sheep. Frontiers in Genetics, 2020, 11, 472.	2.3	13
79	Variation in the caprine keratin-associated protein 15-1 (KAP15-1) gene affects cashmere fibre diameter. Archives Animal Breeding, 2019, 62, 125-133.	1.4	13
80	Rapid genotyping of the ovine ADRB3 gene by polymerase chain reaction-single-strand conformation polymorphism (PCR-SSCP). Molecular and Cellular Probes, 2008, 22, 69-70.	2.1	12
81	Allelic variation in ovine fatty acid-binding protein (FABP4) gene. Molecular Biology Reports, 2012, 39, 10621-10625.	2.3	12
82	Differences in mitochondrial DNA inheritance and function align with body conformation in genetically lean and fat sheep1. Journal of Animal Science, 2015, 93, 2083-2093.	0.5	12
83	Variation in the Toll-like Receptor 4 (TLR4) gene affects milk traits in dairy cows. Journal of Dairy Research, 2017, 84, 426-429.	1.4	12
84	Transcriptome Profile Analysis of Mammary Gland Tissue from Two Breeds of Lactating Sheep. Genes, 2019, 10, 781.	2.4	12
85	Update on ovine footrot in New Zealand: Isolation, identification, and characterization of trains. Veterinary Microbiology, 2005, 111, 171-180.	1.9	11
86	MspI RFLP in the gene for a Type I intermediate filament wool keratin. Animal Genetics, 1993, 24, 218-218.	1.7	11
87	Gene polymorphisms in PROP1 associated with growth traits in sheep. Gene, 2019, 683, 41-46.	2.2	11
88	MicroRNA-432 inhibits milk fat synthesis by targeting SCD and LPL in ovine mammary epithelial cells. Food and Function, 2021, 12, 9432-9442.	4.6	11
89	Letter to the editor. Journal of Animal Science, 2009, 87, 1853-1853.	0.5	10
90	Haplotypic Diversity Within the Ovine Calpastatin (CAST) Gene. Molecular Biotechnology, 2009, 41, 133-137.	2.4	10

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91	Allelic Variation in the Porcine MYF5 Gene Detected by PCRâ€"SSCP. Molecular Biotechnology, 2009, 41, 208-212.	2.4	10
92	Variation in the ovine C-type lectin dectin-1 gene (CLEC7A). Developmental and Comparative Immunology, 2010, 34, 246-249.	2.3	10
93	Variation in the Caprine Keratin-Associated Protein 27-1 Gene is Associated with Cashmere Fiber Diameter. Genes, 2020, 11, 934.	2.4	10
94	Identification of the association between <i>FABP4</i> gene polymorphisms and milk production traits in Sfakia sheep. Archives Animal Breeding, 2019, 62, 413-422.	1.4	10
95	Polymorphism of the IGHA gene in sheep. Immunogenetics, 2005, 57, 453-457.	2.4	9
96	Association between variation in faecal egg count for a mixed field-challenge of nematode parasites and IGHA gene polymorphism. Veterinary Immunology and Immunopathology, 2009, 128, 389-394.	1.2	9
97	Identification of two new Dichelobacter nodosus strains in Germany. Veterinary Journal, 2010, 184, 115-117.	1.7	9
98	Undetected lktA genes within Fusobacterium necrophorum?. Journal of Medical Microbiology, 2010, 59, 499-500.	1.8	9
99	Variation in exon 10 of the ovine calpain 3 gene (CAPN3) and its association with meat yield in New Zealand Romney sheep. Meat Science, 2013, 94, 388-390.	5.5	9
100	Variation in <i>KRTAP6-1</i> affects wool fibre diameter in New Zealand Romney ewes. Archives Animal Breeding, 2019, 62, 509-515.	1.4	9
101	Variation in the stearoyl-CoA desaturase gene (<i>SCD</i>) and its influence on milk fatty acid composition in late-lactation dairy cattle grazed on pasture. Archives Animal Breeding, 2020, 63, 355-366.	1.4	9
102	The Complexity of the Ovine and Caprine Keratin-Associated Protein Genes. International Journal of Molecular Sciences, 2021, 22, 12838.	4.1	9
103	Novel fimbrial subunit genes of Dichelobacter nodosus: recombination in vivo or in vitro?. Veterinary Microbiology, 2000, 76, 163-174.	1.9	8
104	Rapid communication: nucleotide sequences of the bovine, caprine, and ovine beta3-adrenergic receptor genes.. Journal of Animal Science, 2000, 78, 1397.	0.5	8
105	Genetic variation in the ovine uncoupling protein 1 gene: association with carcass traits in <scp>N</scp>ew <scp>Z</scp>ealand (<scp>NZ</scp>) <scp>R</scp>omney sheep, but no association with growth traits in either <scp>NZ R</scp>omney or <scp>NZ S</scp>uffolk sheep. Journal of Animal Breeding and Genetics, 2014, 131, 437-444.	2.0	8
106	Myostatin (MSTN) gene haplotypes and their association with growth and carcass traits in New Zealand Romney lambs. Small Ruminant Research, 2015, 127, 8-19.	1.2	8
107	Single nucleotide polymorphisms of the ovine calpain 3 (CAPN3) gene. Molecular and Cellular Probes, 2007, 21, 78-79.	2.1	7
108	Variation in the ovine MYF5 gene and its effect on carcass lean meat yield in New Zealand Romney sheep. Meat Science, 2017, 131, 146-151.	5.5	7

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109	Haplotypes of the Ovine Adiponectin Gene and Their Association with Growth and Carcass Traits in New Zealand Romney Lambs. Genes, 2017, 8, 160.	2.4	7
110	Growth and carcass trait association with variation in the somatostatin receptor 1 (SSTR1) gene in New Zealand Romney sheep. New Zealand Journal of Agricultural Research, 2018, 61, 477-486.	1.6	7
111	Identification of the Ovine Keratin-Associated Protein 21-1 Gene and Its Association with Variation in Wool Traits. Animals, 2019, 9, 450.	2.3	7
112	Variation in the KRTAP6-3 gene and its association with wool characteristics in Pakistani sheep breeds and breed-crosses. Tropical Animal Health and Production, 2020, 52, 3035-3043.	1.4	7
113	Lack of association between CAST SNPs and meat tenderness in sheep. Animal Genetics, 2008, 39, 331-332.	1.7	6
114	Allelic polymorphism of the caprine calpastatin (CAST) gene identified by PCRâ€“SSCP. Meat Science, 2008, 79, 403-405.	5.5	6
115	Polymorphism of Toll-like receptor 9 (TLR9) gene in sheep. Veterinary Immunology and Immunopathology, 2008, 121, 140-143.	1.2	6
116	A BglII RFLP at the ovine MHC class II DRA locus. Animal Genetics, 2009, 24, 217-217.	1.7	6
117	BsrI RFLP in the gene for the ovine B2C high-sulphur wool protein. Animal Genetics, 2009, 24, 69-69.	1.7	6
118	The detection of Dichelobacter nodosus and Fusobacterium necrophorum from footrot lesions in New Zealand goats. Anaerobe, 2009, 15, 177.	2.1	6
119	Variation in ovine CAPN3 is not associated with meat tenderness. Animal Genetics, 2009, 40, 251-252.	1.7	6
120	No association between variation in the ovine calpastatin gene and either longevity or fertility in sheep. Animal Genetics, 2010, 41, 223-224.	1.7	6
121	Rapid DNA extraction of pig ear tissues. Meat Science, 2010, 85, 589-590.	5.5	6
122	Characterization of Genetic Variation in the Forkhead Box Class O3 Gene (FOXO3) in Sheep. DNA and Cell Biology, 2011, 30, 449-452.	1.9	6
123	Haplotyping using a combination of polymerase chain reactionâ€“single-strand conformational polymorphism analysis and haplotype-specific PCR amplification. Analytical Biochemistry, 2014, 466, 59-64.	2.4	6
124	Sequence and Haplotypes Variation of the Ovine Uncoupling Protein-1 Gene (UCP1) and Their Association with Growth and Carcass Traits in New Zealand Romney Lambs. Genes, 2018, 9, 189.	2.4	6
125	Variation in ovine KRTAP8-1 is associated with variation in wool fibre staple strength and curvature. Journal of Agricultural Science, 2019, 157, 550-554.	1.3	6
126	Nucleotide variation in the ovine KRT31 promoter region and its association with variation in wool traits in Merino-cross lambs. Journal of Agricultural Science, 2019, 157, 182-188.	1.3	6

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127	Polymorphism in the ovine keratin-associated protein gene KRTAP7-1 and its association with wool characteristics. Journal of Animal Science, 2020, 98, .	0.5	6
128	Nucleotide Sequence Variation in the Insulin-Like Growth Factor 1 Gene Affects Growth and Carcass Traits in New Zealand Romney Sheep. DNA and Cell Biology, 2021, 40, 265-271.	1.9	6
129	Variation in a Newly Identified Caprine KRTAP Gene Is Associated with Raw Cashmere Fiber Weight in Longdong Cashmere Goats. Genes, 2021, 12, 625.	2.4	6
130	Identification of sequence variation in the oocyte-derived bone morphogenetic protein 15 (BMP15) gene (BMP15) associated with litter size in New Zealand sheep (Ovis aries) breeds. Molecular Biology Reports, 2021, 48, 6335-6342.	2.3	6
131	Identification of Caprine KRTAP28-1 and Its Effect on Cashmere Fiber Diameter. Genes, 2020, 11, 121.	2.4	6
132	A polymorphic marker for the human cathepsin B gene. Molecular and Cellular Probes, 2001, 15, 235-237.	2.1	5
133	Differential expression of a gene homologous to a G-Î± protein gene in neonatal mouse skin during development of hair follicles. Journal of Dermatological Science, 2001, 25, 10-19.	1.9	5
134	Rapid communication: three new allelic sequences at the ovine MHC class II DQA1 locus.. Journal of Animal Science, 2001, 79, 779.	0.5	5
135	Polymorphism report: Allelic polymorphism of the ovine interferon gamma (IFNG) gene. Molecular and Cellular Probes, 2007, 21, 76-77.	2.1	5
136	Detection of Fusobacterium equinum on footrot infected hooves of sheep and cattle. Veterinary Microbiology, 2009, 134, 400-401.	1.9	5
137	Fusobacterium necrophorum variants present on the hooves of lame pigs. Veterinary Microbiology, 2010, 141, 390.	1.9	5
138	Extended Haplotype Analysis of OvineADRB3Using Polymerase Chain Reaction Single Strand Conformational Polymorphism on Two Regions of the Gene. DNA and Cell Biology, 2011, 30, 445-448.	1.9	5
139	An association between lifespan and variation in insulin-like growth factor I receptor in sheep1. Journal of Animal Science, 2012, 90, 2484-2487.	0.5	5
140	Ovine forkhead box class O 3 (FOXO3) gene variation and its association with lifespan. Molecular Biology Reports, 2013, 40, 3829-3834.	2.3	5
141	Variation in the ovine hormone-sensitive lipase gene (HSL) and its association with growth and carcass traits in New Zealand Suffolk sheep. Molecular Biology Reports, 2014, 41, 2463-2469.	2.3	5
142	Association between variation in faecal egg count for a natural mixed field-challenge of nematode parasites and TLR4 variation. Veterinary Parasitology, 2016, 218, 5-9.	1.8	5
143	Variation in the ovine KAP8-1 gene affects wool fibre uniformity in Chinese Tan sheep. Small Ruminant Research, 2019, 178, 18-21.	1.2	5
144	Contrasting patterns of coding and flanking region evolution in mammalian keratin associated protein-1 genes. Molecular Phylogenetics and Evolution, 2019, 133, 352-361.	2.7	5

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145	Identification of the Ovine Keratin-Associated Protein 2-1 Gene and Its Sequence Variation in Four Chinese Sheep Breeds. Genes, 2020, 11, 604.	2.4	5
146	Variation in the Lipin 1 Gene Is Associated with Birth Weight and Selected Carcass Traits in New Zealand Romney Sheep. Animals, 2020, 10, 237.	2.3	5
147	Variation in the yak lipin-1 gene and its association with milk traits. Journal of Dairy Research, 2020, 87, 166-169.	1.4	5
148	Genetic variations and haplotypic diversity in the Myostatin gene of New Zealand cattle breeds. Gene, 2020, 740, 144400.	2.2	5
149	Identification of novel nucleotide sequence variations in an extended region of the bovine leptin gene (<i>LEP</i>) across a variety of cattle breeds from New Zealand and Nigeria. Archives Animal Breeding, 2020, 63, 241-248.	1.4	5
150	Variation in ovine KRTAP8-1 affects mean staple length and opacity of wool fiber. Animal Biotechnology, 2023, 34, 602-608.	1.5	5
151	Allelic variation of the bovine calpastatin (CAST) gene. Molecular and Cellular Probes, 2008, 22, 129-130.	2.1	4
152	Genetic diversity of selected genes that are potentially economically important in feral sheep of New Zealand. Genetics Selection Evolution, 2010, 42, 43.	3.0	4
153	Improving the quality of wool through the use of gene markers. South African Journal of Animal Sciences, 2010, 39, .	0.5	4
154	Polymorphism of the ovine FOXP3 gene (FOXP3). Veterinary Immunology and Immunopathology, 2011, 140, 303-306.	1.2	4
155	A nucleotide substitution in exon 8 of the glucosylceramidase beta gene is associated with Gaucher disease in sheep. Animal Genetics, 2017, 48, 733-734.	1.7	4
156	Comparison of the myostatin (MSTN) gene in Russian Stavropol Merino sheep and New Zealand Merino sheep. Small Ruminant Research, 2018, 160, 103-106.	1.2	4
157	Ex-vivo cow rumen fluid fermentation: changes in microbial populations and fermentation products with different forages. Journal of Applied Animal Research, 2018, 46, 1272-1279.	1.2	4
158	Associations between the Bovine Myostatin Gene and Milk Fatty Acid Composition in New Zealand Holstein-Friesian Ã— Jersey-Cross Cows. Animals, 2020, 10, 1447.	2.3	4
159	Transcriptome Analysis Reveals Genes Involved in Thermogenesis in Two Cold-Exposed Sheep Breeds. Genes, 2021, 12, 375.	2.4	4
160	Sequence Variation in the Bovine Lipin-1 Gene (LPIN1) and Its Association with Milk Fat and Protein Contents in New Zealand Holstein-Friesian Ã— Jersey (HF Ã— J)-cross Dairy Cows. Animals, 2021, 11, 3223.	2.3	4
161	Variation in caprine KRTAP1-3 and its association with cashmere fibre diameter. Gene, 2022, 823, 146341.	2.2	4
162	Dichelobacter nodosus serotype M fimbrial subunit gene: implications for serological classification. Veterinary Microbiology, 2001, 79, 367-374.	1.9	3

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163	Allelic variation of the caprine TLR4 gene identified by PCR-SSCP. Molecular and Cellular Probes, 2008, 22, 65-66.	2.1	3
164	Polymorphism of the ovine insulin-like growth factor I receptor (IGFIR) gene. Molecular and Cellular Probes, 2008, 22, 131-132.	2.1	3
165	Identification of a leukotoxin sequence from Fusobacterium equinum. Veterinary Microbiology, 2009, 133, 394-395.	1.9	3
166	Extensive Diversity of the ADRB3 Gene in Chinese Sheep Identified by PCR-SSCP. Biochemical Genetics, 2009, 47, 498-502.	1.7	3
167	Development of a simple typing method for the ovine Toll-like receptor 4 gene. Veterinary Immunology and Immunopathology, 2009, 130, 272-274.	1.2	3
168	Detection of sequence variation and genotyping of polymorphic genes using polymerase chain reaction stemâ€“loop conformational polymorphism analysis. Analytical Biochemistry, 2011, 408, 340-341.	2.4	3
169	Variation in the Yak Dectin-1 Gene (CLEC7A). DNA and Cell Biology, 2011, 30, 1069-1071.	1.9	3
170	Genetic variation in the 5â€²UTR of the KRT2.13 gene of sheep. Animal Science Journal, 2012, 83, 194-198.	1.4	3
171	Halplotypes of the ovine ADRB3 gene (ADRB3) and their association with post-weaning growth in New Zealand Suffolk sheep. Molecular Biology Reports, 2013, 40, 4805-4810.	2.3	3
172	Variation in the ovine WFIKKN2 gene. Gene, 2014, 543, 53-57.	2.2	3
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