Michael J Stear

List of Publications by Year
in descending order

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193 papers	7,815 citations	38742 50 h-index	62596 80 g-index
196 all docs	196 docs citations	196 times ranked	5150 citing authors

#	Article	IF	Citations
1	A microsatellite polymorphism in the gamma interferon gene is associated with resistance to gastrointestinal nematodes in a naturally-parasitized population of Soay sheep. Parasitology, 2001, 122, 571-582.	1.5	431
2	Revealing the History of Sheep Domestication Using Retrovirus Integrations. Science, 2009, 324, 532-536.	12.6	402
3	Natural scrapie in a closed flock of Cheviot sheep occurs only in specific PrP genotypes. Archives of Virology, 1996, 141, 809-824.	2.1	333
4	Regulation of egg production, worm burden, worm length and worm fecundity by host responses in sheep infected with Ostertagia circumcincta. Parasite Immunology, 1995, 17, 643-652.	1.5	272
5	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
6	Genomic prediction of host resistance to sea lice in farmed Atlantic salmon populations. Genetics Selection Evolution, 2016, 48, 47.	3.0	203
7	Genetic parameters for faecal egg count following mixed, natural, predominantly Ostertagia circumcincta infection and relationships with live weight in young lambs. Animal Science, 1996, 63, 423-428.	1.3	166
8	The sustainability, feasibility and desirability of breeding livestock for disease resistance. Research in Veterinary Science, 2001, 71, 1-7.	1.9	145
9	The host immune response to gastrointestinal nematode infection in sheep. Parasite Immunology, 2015, 37, 605-613.	1.5	140
10	How hosts control worms. Nature, 1997, 389, 27-27.	27.8	138
11	An ovine Major histocompatibility complex DRB1 allele is associated with low faecal egg counts following natural, predominantly Ostertagia circumcincta infection. International Journal for Parasitology, 1995, 25, 815-822.	3.1	135
12	Modeling of host genetics and resistance to infectious diseases: understanding and controlling nematode infections. Veterinary Parasitology, 2003, 115, 147-166.	1.8	118
13	Quantitative trait loci associated with parasitic infection in Scottish blackface sheep. Heredity, 2006, 96, 252-258.	2.6	117
14	Molecular markers and their use in animal breeding. Veterinary Journal, 2000, 160, 42-52.	1.7	113
15	Alternatives to anthelmintics for the control of nematodes in livestock. Parasitology, 2007, 134, 139-151.	1.5	102
16	The genetic control of IgA activity against Teladorsagia circumcincta and its association with parasite resistance in naturally infected sheep. Parasitology, 2002, 124, 545-552.	1.5	101
17	Mechanisms underlying resistance to nematode infection. International Journal for Parasitology, 1999, 29, 51-56.	3.1	100
18	Genetic resistance to parasitic disease: particularly of resistance in ruminants to gastrointestinal nematodes. Veterinary Parasitology, 1994, 54, 161-176.	1.8	96

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19	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
20	Genome-wide association and regional heritability mapping to identify loci underlying variation in nematode resistance and body weight in Scottish Blackface lambs. Heredity, 2013, 110, 420-429.	2.6	90
21	Class I and class II major histocompatibility complex alleles are associated with faecal egg counts following natural, predominantly Ostertagia circumcincta infection. Parasitology Research, 1996, 82, 693-696.	1.6	84
22	The key components of resistance to Ostertagia circumcincta in lambs. Parasitology Today, 1996, 12, 438-441.	3.0	83
23	Combatting African Animal Trypanosomiasis (AAT) in livestock: The potential role of trypanotolerance. Veterinary Parasitology, 2016, 225, 43-52.	1.8	83
24	Modelling responses to selection for resistance to gastro-intestinal parasites in sheep. Animal Science, 1997, 64, 469-478.	1.3	76
25	Genetic variation in resistance to mixed, predominantly Teladorsagia circumcincta nematode infections of sheep: from heritabilities to gene identification. Parasite Immunology, 2009, 31, 274-282.	1.5	75
26	Variation in the number of expressed MHC genes in different cattle class I haplotypes. Immunogenetics, 1999, 50, 319-328.	2.4	73
27	The genetic basis of resistance to Ostertagia circumcincta inlambs. Veterinary Journal, 1997, 154, 111-119.	1.7	72
28	Eosinophil and IgA responses in sheep infected with Teladorsagia circumcincta. Veterinary Immunology and Immunopathology, 2006, 112, 62-66.	1.2	70
29	The influence of protein supplementation on the immune response to Haemonchus contortus. Parasite Immunology, 2001, 23, 527-531.	1.5	68
30	Development of a porcine skeletal muscle cDNA microarray: analysis of differential transcript expression in phenotypically distinct muscles. BMC Genomics, 2003, 4, 8.	2.8	68
31	The relationships among ecto- and endoparasite levels, class I antigens of the bovine major histocompatibility system, immunoglobulin E levels and weight gain. Veterinary Parasitology, 1990, 34, 303-321.	1.8	67
32	The processes influencing the distribution of parasitic nematodes among naturally infected lambs. Parasitology, 1998, 117, 165-171.	1.5	63
33	The curvilinear relationship between worm length and fecundity of Teladorsagia circumcincta. International Journal for Parasitology, 1999, 29, 777-780.	3.1	63
34	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals (Mammals, Birds and Bees) 5th Edn. Volumes 1 & 2. World Organization for Animal Health 2004. ISBN 92 9044 622 6. â,¬140.. Parasitology, 2005, 130, 727-727.	1.5	63
35	Resistance of four sheep breeds to natural and subsequent artificial Haemonchus contortus infection. Veterinary Parasitology, 1997, 69, 265-273.	1.8	61
36	The control of sea lice in Atlantic salmon by selective breeding. Journal of the Royal Society Interface, 2015, 12, 20150574.	3.4	61

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37	Plasma cholesterol and lipoprotein concentrations in the dog: The effects of age, breed, gender and endocrine disease. Journal of Small Animal Practice, 1993, 34, 507-512.	1.2	60
38	Association of Class I Bovine Lymphocyte Antigen Complex Alleles with Health and Production Traits in Dairy Cattle. Journal of Dairy Science, 1990, 73, 2538-2546.	3.4	59
39	The repeatability of faecal egg counts, peripheral eosinophil counts, and plasma pepsinogen concentrations during deliberate infections with Ostertagia circumcincta. International Journal for Parasitology, 1995, 25, 375-380.	3.1	59
40	Analysis of alloantisera against bovine lymphocytes. Joint report of the 1st International Bovine Lymphocyte Antigen (BoLA) Workshop. Animal Blood Groups and Biochemical Genetics, 1979, 10, 63-86.	0.0	59
41	The relationship between IgA activity against 4th-stage larvae and density-dependent effects on the number of 4th-stage larvae ofTeladorsagia circumcinctain naturally infected sheep. Parasitology, 2004, 129, 363-369.	1.5	57
42	Joint Report of the Third International Bovine Lymphocyte Antigen (BoLA) Workshop, Helsinki, Finland, 27 July 1986. Animal Genetics, 1989, 20, 109-132.	1.7	57
43	Mutation in the RmÎ²AOR gene is associated with amitraz resistance in the cattle tick Rhipicephalus microplus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16772-16777.	7.1	57
44	How lambs control infection with Ostertagia circumcincta. Veterinary Immunology and Immunopathology, 1999, 72, 213-218.	1.2	56
45	A key mechanism of pathogenesis in sheep infected with the nematode Teladorsagia circumcincta. Animal Health Research Reviews, 2003, 4, 45-52.	3.1	56
46	Influence of supplementation with dietary soyabean meal on resistance to haemonchosis in Hampshire down lambs. Research in Veterinary Science, 1995, 58, 232-237.	1.9	55
47	Influence of soyabean meal supplementation on the resistance of Scottish blackface lambs to haemonchosis. Research in Veterinary Science, 1996, 60, 138-143.	1.9	55
48	Genetic Impact on the Risk of Intramammary Infection Following Staphylococcus aureus Challenge. Journal of Dairy Science, 1994, 77, 639-647.	3.4	53
49	Genetic parameters for resistance to nematode infections in Texel lambs and their utility in breeding programmes. Animal Science, 2004, 78, 185-194.	1.3	53
50	Maternal undernutrition and the ovine acute phase response to vaccination. BMC Veterinary Research, 2008, 4, 1.	1.9	53
51	Is endemic stability of tick-borne disease in cattle a useful concept?. Trends in Parasitology, 2012, 28, 85-89.	3.3	53
52	Local and plasma antibody responses to the parasitic larval stages of the abomasal nematode Ostertagia circumcincta. Veterinary Parasitology, 1995, 59, 107-118.	1.8	51
53	Genetic and epidemiological relationships between productivity and disease resistance: gastro-intestinal parasite infection in growing lambs. Animal Science, 1999, 69, 515-524.	1.3	50
54	The distribution of faecal nematode egg counts in Scottish Blackface lambs following natural, predominantly Ostertagia circumcincta infection. Parasitology, 1995, 110, 573-581.	1.5	48

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55	The use of a gamma-type function to assess the relationship between the number of adult Teladorsagia circumcincta and total egg output. Parasitology, 2000, 121, 435-440.	1.5	46
56	An ovine lymphocyte antigen is associated with reduced faecal egg counts in four-month-old lambs following natural, predominantly Ostertagia circumcincta infection. International Journal for Parasitology, 1996, 26, 423-428.	3.1	45
57	Inheritance of faecal egg counts during early lactation in Scottish Blackface ewes facing mixed, natural nematode infections. Animal Science, 2001, 73, 389-395.	1.3	45
58	Class I Alleles of the Bovine Major Histocompatibility System and Their Association with Economic Traits. Journal of Dairy Science, 1989, 72, 2115-2124.	3.4	43
59	Genetic resistance to parasitic infection. OIE Revue Scientifique Et Technique, 1998, 17, 143-153.	1.2	43
60	Eosinophilia as a marker of resistance to Teladorsagia circumcincta in Scottish Blackface lambs. Parasitology, 2002, 124, 553-560.	1.5	42
61	Genetic relationships between indicator traits and nematode parasite infection levels in 6-month-old lambs. Animal Science, 2005, 80, 143-150.	1.3	40
62	Repeatability of strongyle egg counts in naturally infected horses. Veterinary Parasitology, 2016, 228, 103-107.	1.8	40
63	BoLA antigens are associated with increased frequency of persistent lymphocytosis in bovine leukaemia virus infected cattle and with increased incidence of antibodies to bovine leukaemia virus. Animal Genetics, 1988, 19, 151-158.	1.7	39
64	TICK RESISTANCE AND THE MAJOR HISTOCOMPATIBILITY SYSTEM. The Australian Journal of Experimental Biology and Medical Science, 1984, 62, 47-52.	0.7	38
65	Genetic variation among lambs in peripheral IgE activity against the larval stages ofTeladorsagia circumcincta. Parasitology, 2010, 137, 1249-1260.	1.5	38
66	Response of dorper and red Maasai lambs to trickle Haemonchus contortus infections. Research in Veterinary Science, 1996, 61, 218-221.	1.9	37
67	The dynamic influence of genetic variation on the susceptibility of sheep to gastrointestinal nematode infection. Journal of the Royal Society Interface, 2007, 4, 767-776.	3.4	37
68	DNA typing for BoLA class I using sequence-specific primers (PCR-SSP). International Journal of Immunogenetics, 1998, 25, 365-370.	1.2	36
69	Two closely linked loci and one apparently independent locus code for bovine lymphocyte antigens. Tissue Antigens, 1982, 20, 289-299.	1.0	36
70	The evolution and maintenance of polymorphism in the major histocompatibility complex. Veterinary Immunology and Immunopathology, 2005, 108, 53-57.	1.2	35
71	The distribution of the pathogenic nematodeNematodirus battusin lambs is zero-inflated. Parasitology, 2008, 135, 1225-1235.	1.5	34
72	Response to artificial and subsequent natural infection with Haemonchus contortus in red Maasai and Dorper ewes. Veterinary Parasitology, 1997, 69, 275-282.	1.8	33

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73	Epidemiology of parasitic gastrointestinal nematode infections of ruminants on smallholder farms in central Kenya. Research in Veterinary Science, 2001, 70, 33-39.	1.9	32
74	Serological and molecular diversity in the cattle MHC class I region. Immunogenetics, 2005, 57, 601-606.	2.4	32
75	Prevalence, heritability and significance of musculoskeletal conformational traits in Thoroughbred yearlings. Equine Veterinary Journal, 2006, 38, 597-603.	1.7	31
76	Explaining patterns of infection in freeâ€living populations using laboratory immune experiments. Parasite Immunology, 2011, 33, 287-302.	1.5	31
77	Genetic dissection of MHC-associated susceptibility to Lepeophtheirus salmonis in Atlantic salmon. BMC Genetics, 2009, 10, 20.	2.7	30
78	Selective forces shaping diversity in the class I region of the major histocompatibility complex in dairy cattle. Animal Genetics, 2012, 43, 239-249.	1.7	29
79	Heterogeneity in the recognition of Ostertagia circumcincta antigens by serum antibody from mature, infected sheep. Parasite Immunology, 1997, 19, 235-242.	1.5	26
80	Class I antigens of the bovine major histocompatibility system are weakly associated with variation in faecal worm egg counts in naturally infected cattle. Animal Genetics, 1988, 19, 115-122.	1.7	26
81	A mechanistic model of developing immunity to Teladorsagia circumcincta infection in lambs. Parasitology, 2011, 138, 322-332.	1.5	26
82	The Influence of MHC and Immunoglobulins A and E on Host Resistance to Gastrointestinal Nematodes in Sheep. Journal of Parasitology Research, 2011, 2011, 1-11.	1.2	26
83	Class I antigens of the bovine major histocompatibility system and resistance to the cattle tick (Boophilus microplus) assessed in three different seasons. Veterinary Parasitology, 1989, 31, 303-315.	1.8	25
84	The recognition of molecules from fourth-stage larvae of Ostertagia circumcincta by IgA from infected sheep. Parasite Immunology, 1999, 21, 163-168.	1.5	24
85	Cattle MHC nomenclature: is it possible to assign sequences to discrete class I genes?. Immunogenetics, 2012, 64, 475-480.	2.4	24
86	Potential role for mucosal IgA in modulating Haemonchus contortus adult worm infection in sheep. Veterinary Parasitology, 2016, 223, 153-158.	1.8	24
87	The Relationships of Birth Weight, Preweaning Gain and Postweaning Gain with the Bovine Major Histocompatibility System. Journal of Animal Science, 1989, 67, 641.	0.5	23
88	The influence of dietary supplementation with urea on resilience and resistance to infection with Haemonchus contortus. Parasitology, 1998, 116, 67-72.	1.5	22
89	The relationship between the number and size of nematodes in the abomasum and the concentration of pepsinogen in ovine plasma. Research in Veterinary Science, 1999, 67, 89-92.	1.9	22
90	Influence of rearing conditions and respiratory disease on haptoglobin levels in the pig at slaughter. Research in Veterinary Science, 2007, 83, 428-435.	1.9	22

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91	Immunoglobulins as Biomarkers for Gastrointestinal Nematodes Resistance in Small Ruminants: A systematic review. Scientific Reports, 2020, 10, 7765.	3.3	22
92	Association of class I bovine lymphocyte antigen complex alleles with in vitro blood neutrophil functions, lymphocyte blastogenesis, serum complement and conglutinin levels in dairy cattle. Veterinary Immunology and Immunopathology, 1991, 27, 321-335.	1.2	21
93	Variation among faecal egg counts following natural nematode infection in Scottish Blackface lambs. Parasitology, 2006, 132, 275.	1.5	21
94	Effects of host characteristics and parasite intensity on growth and fecundity ofTrichostrongylus retortaeformisinfections in rabbits. Parasitology, 2009, 136, 117-123.	1.5	21
95	The potential for vaccines against scour worms of small ruminants. International Journal for Parasitology, 2020, 50, 533-553.	3.1	21
96	Differences in Bovine Lymphocyte Antigen Associations Between Immune Responsiveness and Risk of Disease Following Intramammary Infection with Staphylococcus aureus. Journal of Dairy Science, 1995, 78, 1937-1944.	3.4	20
97	Evidence for genetic control of vaccine-induced antibody responses in cattle. Veterinary Immunology and Immunopathology, 1996, 50, 43-54.	1.2	19
98	Genetic characterisation of protective vaccine responses in sheep using multi-valent Dichelobacter nodosus vaccines. Veterinary Immunology and Immunopathology, 1999, 72, 219-229.	1.2	19
99	An evolutionary perspective on gastrointestinal nematodes of sheep. Journal of Helminthology, 2011, 85, 113-120.	1.0	19
100	The transfer of IgA from mucus to plasma and the implications for diagnosis and control of nematode infections. Parasitology, 2014, 141, 875-879.	1.5	19
101	The influence of age on the variation among sheep in susceptibility to natural nematode infection. Veterinary Parasitology, 2000, 89, 31-36.	1.8	18
102	Detection of genes with moderate effects on disease resistance using ovine mhc and resistance to nematodes as an example. Veterinary Immunology and Immunopathology, 2007, 120, 3-9.	1.2	18
103	An explicit immunogenetic model of gastrointestinal nematode infection in sheep. Journal of the Royal Society Interface, 2014, 11, 20140416.	3.4	18
104	Molecular identification of livestock breeds: a tool for modern conservation biology. Biological Reviews, 2017, 92, 993-1010.	10.4	18
105	THE INFLUENCE OF THE BoLA-A LOCUS ON REPRODUCTIVE TRAITS IN CATTLE. International Journal of Immunogenetics, 1989, 16, 77-88.	1.2	17
106	Breed differences in the distribution of BoLAâ€A locus antigens in American cattle. Animal Genetics, 1988, 19, 171-176.	1.7	17
107	Major acute phase response of haptoglobin and serum amyloid-P following experimental infection of mice with Trypanosoma brucei brucei. Parasitology International, 1997, 46, 247-254.	1.3	16
108	The influence of increased feeding on the susceptibility of sheep to infection with Haemonchus contortus. Animal Science, 1999, 69, 457-463.	1.3	16

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109	Fructosamine concentration and resistance to natural, predominantly Teladorsagia circumcincta infection. Parasitology, 2001, 123, 211-218.	1.5	16
110	A single nomenclature and associated database for alleles at the major histocompatibility complex class II DRB1 locus of sheep. Tissue Antigens, 2011, 77, 546-553.	1.0	16
111	Targeted anthelmintic treatment of parasitic gastroenteritis in first grazing season dairy calves using daily live weight gain as an indicator. Veterinary Parasitology, 2017, 244, 85-90.	1.8	16
112	Different patterns of faecal egg output following infection of Scottish Blackface lambs with Ostertagia circumcincta. Veterinary Parasitology, 1995, 59, 29-38.	1.8	15
113	Lymphocyte antigens in sheep. Animal Blood Groups and Biochemical Genetics, 1981, 12, 265-276.	0.0	15
114	Comparison of four methods for the determination of plasma pepsinogen concentration. Research in Veterinary Science, 1995, 59, 234-237.	1.9	14
115	Studies on Host Resistance to Tick Infestations among Trypanotolerant Bos indicus Cattle Breeds in East Africaa. Annals of the New York Academy of Sciences, 1998, 849, 195-208.	3.8	14
116	The distribution of pepsinogen within the abomasa of cattle and sheep infected with Ostertagia spp. and sheep infected with Haemonchus contortus. Veterinary Parasitology, 1999, 82, 145-159.	1.8	14
117	The influence of relative resistance and urea-supplementation on deliberate infection with Teladorsagia circumcincta during winter. Veterinary Parasitology, 2000, 94, 45-54.	1.8	13
118	Reference-strand-mediated conformation analysis of MHC alleles: a new method for high-resolution typing of the Ovar-DQB genes. Immunogenetics, 2000, 51, 65-68.	2.4	13
119	A comparison of bovine lymphocyte antigens. Animal Blood Groups and Biochemical Genetics, 1985, 16, 135-143.	0.0	13
120	Modulation of Haemonchus contortus infection by depletion of Î³Î´+ T cells in parasite resistant Canaria Hair Breed sheep. Veterinary Parasitology, 2017, 237, 57-62.	1.8	13
121	Boer goats appear to lack a functional IgA and eosinophil response against natural nematode infection. Veterinary Parasitology, 2018, 264, 18-25.	1.8	13
122	Egg yolk enriched with polyunsaturated fatty acids (PUFAs) improves the shelf life of ram semen in liquid storage. Small Ruminant Research, 2018, 166, 87-92.	1.2	13
123	GENETIC ANALYSIS OF THE ANTIGENS DEFINED AT THE THIRD INTERNATIONAL BoLA WORKSHOP. International Journal of Immunogenetics, 1990, 17, 21-28.	1.2	12
124	A comparison of the responses to repeated experimental infections with Haemonchus contortus among Scottish Blackface lambs. Veterinary Parasitology, 1995, 60, 69-81.	1.8	12
125	Relationships among peripheral eosinophilia, eosinophil peroxidase activity, interleukin-5 concentration and faecal nematode egg count during natural, mixed gastrointestinal nematode infection. Veterinary Immunology and Immunopathology, 1999, 70, 299-308.	1.2	12
126	Divergent Allele Advantage Provides a Quantitative Model for Maintaining Alleles with a Wide Range of Intrinsic Merits. Genetics, 2019, 212, 553-564.	2.9	12

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127	g you The direct determination of haplotypes from extended regions of genomic DNA. BMC Genomics, 2010, 11, 223.	2.8	11
128	Characterisation of plasma acute phase protein concentrations in a high health boar herd. Veterinary Immunology and Immunopathology, 2011, 139, 107-112.	1.2	11
129	Breeding for disease resistance in livestock and fish.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-10.	1.0	11
130	Allelic polymorphism in the second exon of Ovar-DRB1 in fat-tailed sheep. Veterinary Journal, 2012, 192, 547-549.	1.7	11
131	Association of <scp>MHC</scp> class <scp>II</scp> haplotypes with reduced faecal nematode egg count and IgA activity in British Texel sheep. Parasite Immunology, 2019, 41, e12626.	1.5	11
132	The interaction of host and nematode galectins influences the outcome of gastrointestinal nematode infections. Parasitology, 2021, 148, 648-654.	1.5	11
133	Failure to find an association between class I antigens of the bovine major histocompatibility system and faecal worm egg counts. International Journal for Parasitology, 1988, 18, 859-861.	3.1	10
134	Changes in the zymogenic cell populations of the abomasa of sheep infected with Haemonchus contortus. Parasitology, 1998, 116, 569-577.	1.5	10
135	A Bayesian generalized random regression model for estimating heritability using overdispersed count data. Genetics Selection Evolution, 2015, 47, 51.	3.0	10
136	Efficacy of treatment of cattle for liver fluke at housing: influence of differences in flukicidal activity against juvenile Fasciola hepatica. Veterinary Record, 2015, 176, 333-333.	0.3	10
137	The genetic architecture of the MHC class II region in British Texel sheep. Immunogenetics, 2017, 69, 157-163.	2.4	10
138	Analysis of pooled genome sequences from Djallonke and Sahelian sheep of Ghana reveals co-localisation of regions of reduced heterozygosity with candidate genes for disease resistance and adaptation to a tropical environment. BMC Genomics, 2019, 20, 816.	2.8	10
139	Conserved haplotype blocks within the sheep MHC and low SNP heterozygosity in the Class IIa subregion. Animal Genetics, 2012, 43, 429-437.	1.7	9
140	The genome of the Black Bengal goat (Capra hircus). BMC Research Notes, 2019, 12, 362.	1.4	9
141	DNA typing for BoLA class I using sequence-specific primers (PCR-SSP). International Journal of Immunogenetics, 1998, 25, 365-370.	1.8	9
142	The likelihood of detecting differences between groups of sheep following deliberate infection with Ostertagia circumcincta. International Journal for Parasitology, 1996, 26, 657-660.	3.1	8
143	Breed differences in the frequency of bovine lymphocyte antigens. Experimental and Clinical Immunogenetics, 1987, 4, 27-36.	1.2	8
144	A method for freezing sheep lymphocytes prior to cytotoxicity testing. Tissue Antigens, 1982, 19, 134-139.	1.0	7

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145	The definition of five B lymphocyte alloantigens closely linked to BoLA class I antigens. Animal Genetics, 1990, 21, 69-76.	1.7	7
146	Measurement of antibody binding to intact bacteria using flow cytometric techniques. Journal of Microbiological Methods, 1991, 13, 281-291.	1.6	7
147	Implementation of an extended ZINB model in the study of low levels of natural gastrointestinal nematode infections in adult sheep. BMC Veterinary Research, 2016, 12, 97.	1.9	7
148	Transcriptome variation in response to gastrointestinal nematode infection in goats. PLoS ONE, 2019, 14, e0218719.	2.5	7
149	Salivary IgA: A biomarker for resistance to Teladorsagia circumcincta and a new estimated breeding value. Veterinary Parasitology, 2019, 269, 16-20.	1.8	7
150	Sequence polymorphism in the bovine major histocompatibility complex DQB loci. Animal Genetics, 1997, 28, 441-445.	1.7	6
151	Mixed lymphocyte reactivity in cattle. Tissue Antigens, 1982, 20, 100-107.	1.0	6
152	A comprehensive mapping of the structure and gene organisation in the sheep MHC class I region. BMC Genomics, 2015, 16, 810.	2.8	6
153	Major Histocompatibility Complex class IIB polymorphism in an ancient Spanish breed. Immunogenetics, 2015, 67, 531-537.	2.4	6
154	Complete mitochondrial genome sequence of Black Bengal goat (Capra hircus). Mitochondrial DNA Part B: Resources, 2019, 4, 2121-2122.	0.4	6
155	Estimation of heritabilities and correlations between repeated faecal egg count measurements in lambs facing natural nematode parasite challenge, using a random regression model. Journal of Agricultural Science, 2007, 145, 501-508.	1.3	5
156	Joint inheritance of bovine major histocompatibility system antigens W6 and W11. Animal Genetics, 1987, 18, 71-74.	1.7	5
157	Multitrait indices to predict worm length and number in sheep with natural, mixed predominantly Teladorsagia circumcincta infection. Parasitology, 2015, 142, 773-782.	1.5	5
158	Kinetics of IgA and eosinophils following a lowâ€dose, predominantly Haemonchus contortus infection of Boer goats. Parasite Immunology, 2020, 42, e12707.	1.5	5
159	Determination of ewe behaviour around lambing time and prediction of parturition 7Âdays prior to lambing by tri-axial accelerometer sensors in an extensive farming system. Animal Production Science, 2022, 62, 1729-1738.	1.3	5
160	Identification of the amino acids in the Major Histocompatibility Complex class II region of Scottish Blackface sheep that are associated with resistance to nematode infection. International Journal for Parasitology, 2019, 49, 797-804.	3.1	4
161	Comparative evaluation of different molecular methods for DNA extraction from individual Teladorsagia circumcincta nematodes. BMC Biotechnology, 2021, 21, 35.	3.3	4
162	Genetic variation in immunity and disease resistance in dairy cows and other livestock. Burleigh Dodds Series in Agricultural Science, 2017, , 509-532.	0.2	4

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163	Serologically defined lymphocyte alloantigens in Spanish sheep. Experimental and Clinical Immunogenetics, 1995, 12, 268-71.	1.2	4
164	Reduced Expression of PD-1 in Circulating CD4+ and CD8+ Tregs Is an Early Feature of RRMS. International Journal of Molecular Sciences, 2022, 23, 3185.	4.1	4
165	Genetic Analysis of Major Histocompatibility Complex Class I Antigens, Serum Transferrins and Red Blood Cell Antigens in Norwegian Breeds of Cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 1993, 43, 193-200.	0.2	3
166	Differences between female and castrated male lambs in susceptibility to natural, predominantly Teladorsagia circumcincta infection. Veterinary Parasitology, 2014, 205, 588-594.	1.8	3
167	Bioinformatic analysis of eosinophil activity and its implications for model and target species. Parasitology, 2020, 147, 393-400.	1.5	3
168	Breeding for resistance to nematode infections.. , 2010, , 279-294.		3
169	The antibody response to bovine lymphocyte alloantigens. Veterinary Immunology and Immunopathology, 1983, 4, 615-631.	1.2	2
170	Relationships between the bovine major histocompatibility system and commonly recognized erythrocyte and serum polymorphisms. Animal Blood Groups and Biochemical Genetics, 1984, 15, 231-236.	0.0	2
171	Failure to find an association between ocular squamous cell carcinoma and class I antigens of the bovine major histocompatibility system*. Animal Genetics, 1989, 20, 233-237.	1.7	2
172	Teladorsagia Circumcincta Galectin-Mucosal Interactome in Sheep. Veterinary Sciences, 2021, 8, 216.	1.7	2
173	Associations between Polymorphisms in the Porcine Haptoglobin Gene and Baseline Levels of Serum Haptoglobin. Developments in Biologicals, 2008, 132, 255-259.	0.5	2
174	Preparation of B lymphocyte-specific alloantisera by skin implant immunization of cattle. Veterinary Immunology and Immunopathology, 1992, 30, 305-311.	1.2	1
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