Keith T Ballingall

List of Publications by Year
in descending order

52	1,180	394421	414414
papers	citations	19 h-index	32 g-index

60	60	60	1200
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Associations between MHC class II variation and phenotypic traits in a freeâ€living sheep population. Molecular Ecology, 2022, 31, 902-915.	3.9	2
2	Contemporary selection on MHC genes in a freeâ€living ruminant population. Ecology Letters, 2022, 25, 828-838.	6.4	6
3	Novel Presentation of DMV-Associated Encephalitis in a Long-Finned Pilot Whale (Globicephala melas). Journal of Comparative Pathology, 2021, 183, 51-56.	0.4	5
4	Novel Dermatitis and Relative Viral Nucleic Acid Tissue Loads in a Fin Whale (Balaenoptera physalus) with Systemic Cetacean Morbillivirus Infection. Journal of Comparative Pathology, 2021, 183, 57-62.	0.4	5
5	MHC class IIa haplotypes derived by high-throughput SNP screening in an isolated sheep population. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	3
6	Intramammary Immunisation Provides Short Term Protection Against Mannheimia haemolytica Mastitis in Sheep. Frontiers in Veterinary Science, 2021, 8, 659803.	2.2	1
7	Antimicrobial resistance in ovine bacteria: A sheep in wolfâ€™s clothing?. PLoS ONE, 2020, 15, e0238708.	2.5	8
8	A novel technique for retrospective genetic analysis of the response to vaccination or infection using cell-free DNA from archived sheep serum and plasma. Veterinary Research, 2020, 51, 9.	3.0	2
9	Characterisation of major histocompatibility complex class IIa haplotypes in an island sheep population. Immunogenetics, 2019, 71, 383-393.	2.4	17
10	Allelic nomenclature for the duplicated MHC class II DQ genes in sheep. Immunogenetics, 2019, 71, 347-351.	2.4	4
11	Structural and functional diversity arising from intra- and inter-haplotype combinations of duplicated DQA and B loci within the ovine MHC. Immunogenetics, 2018, 70, 257-269.	2.4	13
12	An official nomenclature for the major histocompatibility complex allele sequences from the domestic goat (Capra hircus). Hla, 2018, 93, 36-38.	0.6	5
13	Comparative MHC nomenclature: report from the ISAG/IUIS-VIC committee 2018. Immunogenetics, 2018, 70, 625-632.	2.4	32
14	IPD-MHC: nomenclature requirements for the non-human major histocompatibility complex in the next-generation sequencing era. Immunogenetics, 2018, 70, 619-623.	2.4	40
15	Immunological Homeostasis at the Ovine Placenta May Reflect the Degree of Maternal Fetal Interaction. Frontiers in Immunology, 2018, 9, 3025.	4.8	7
16	IPD-MHC 2.0: an improved inter-species database for the study of the major histocompatibility complex. Nucleic Acids Research, 2017, 45, D860-D864.	14.5	168
17	Limited diversity associated with duplicated class II MHC-DRB genes in the red squirrel population in the United Kingdom compared with continental Europe. Conservation Genetics, 2016, 17, 1171-1182.	1.5	13
18	Inbreeding and purging at the genomic Level: the Chillingham cattle reveal extensive, nonâ€random <scp>SNP</scp> heterozygosity. Animal Genetics, 2016, 47, 19-27.	1.7	46

#	Article	IF	Citations
19	Identification of epitopes recognised by mucosal CD4+ T-cell populations from cattle experimentally colonised with Escherichia coli O157:H7. Veterinary Research, 2016, 47, 90.	3.0	8
20	Identification of Theileria lestoquardi Antigens Recognized by CD8+ T Cells. PLoS ONE, 2016, 11, e0162571.	2.5	13
21	An ancient interlocus recombination increases class II MHCDQAdiversity in sheep and otherBovidae. Animal Genetics, 2015, 46, 333-336.	1.7	13
22	Comparison of bacteriological culture and PCR for detection of bacteria in ovine milkâ€"Sheep are not small cows. Journal of Dairy Science, 2014, 97, 6326-6333.	3.4	10
23	Non-human lnc-DC orthologs encode Wdnm1-like protein. F1000Research, 2014, 3, 160.	1.6	16
24	Reproduction of bovine neonatal pancytopenia (BNP) by feeding pooled colostrum reveals variable alloantibody damage to different haematopoietic lineages. Veterinary Immunology and Immunopathology, 2013, 151, 303-314.	1.2	11
25	Unraveling features of the natural MHC class II peptidome of skin-migrated dendritic cells. International Immunology, 2012, 24, 59-69.	4.0	3
26	Demonstration of early functional compromise of bone marrow derived hematopoietic progenitor cells during bovine neonatal pancytopenia through in vitro culture of bone marrow biopsies. BMC Research Notes, 2012, 5, 599.	1.4	6
27	Lack of evidence for an association between MHC diversity and the development of bovine neonatal pancytopenia in Holstein dairy cattle. Veterinary Immunology and Immunopathology, 2011, 141, 128-132.	1.2	10
28	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
29	Genes and the development of bovine neonatal pancytopenia. Veterinary Journal, 2011, 190, 187-188.	1.7	0
30	Analysis of host genetic factors influencing African trypanosome species infection in a cohort of Tanzanian Bos indicus cattle. Veterinary Parasitology, 2011, 179, 35-42.	1.8	11
31	Sequence-based genotyping of the sheep MHC class II DRB1 locus. Immunogenetics, 2010, 62, 31-39.	2.4	29
32	Trans-Species Polymorphism and Selection in the MHC Class II DRA Genes of Domestic Sheep. PLoS ONE, 2010, 5, e11402.	2.5	28
33	Genetic and proteomic analysis of the MHC class I repertoire from four ovine haplotypes. Immunogenetics, 2008, 60, 177-184.	2.4	18
34	Genomic organisation and allelic diversity within coding and non-coding regions of the Ovar-DRB1 locus. Immunogenetics, 2008, 60, 95-103.	2.4	21
35	The kinetics of Theileria parva infection and lymphocyte transformation in vitro. International Journal for Parasitology, 2006, 36, 771-778.	3.1	10
36	Haplotype characterization of transcribed ovine major histocompatibility complex (MHC) class I genes. Immunogenetics, 2005, 57, 499-509.	2.4	28

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37	Bovine Leukocyte Antigen Major Histocompatibility Complex Class II DRB3 * 2703 and DRB3 * 1501 Alleles Are Associated with Variation in Levels of Protection against Theileria parva Challenge following Immunization with the Sporozoite p67 Antigen. Infection and Immunity, 2004, 72, 2738-2741.	2.2	18
38	The DY genes of the cattle MHC: expression and comparative analysis of an unusual class II MHC gene pair. Immunogenetics, 2004, 55, 748-755.	2.4	26
39	The CD45 locus in cattle: allelic polymorphism and evidence for exceptional positive natural selection. Immunogenetics, 2001, 52, 276-283.	2.4	19
40	A highly sensitive, non-radioactive assay for T cell activation in cattle: applications in screening for antigens recognised by CD4+ and CD8+ T cells. Journal of Immunological Methods, 2000, 239, 85-93.	1.4	10
41	Evidence for four functional DQA loci in cattle with distinct distributions amongst European and African populations. , 2000, , 279-284.		0
42	Cattle MHC: evolution in action?. Immunological Reviews, 1999, 167, 159-168.	6.0	74
43	Analysis of genetic diversity at the DQA loci in African cattle: evidence for a BoLA-DQA3 locus. Immunogenetics, 1997, 46, 237-244.	2.4	49
44	In vitro infection with Theileria parva is associated with IL10 expression in all bovine lymphocyte lineages. Parasite Immunology, 1997, 19, 319-324.	1.5	36
45	Recombinant bovine interferon gamma inhibits the growth of Cowdria ruminantium but fails to induce major histocompatibility complex class II following infection of endothelial cells. Veterinary Immunology and Immunopathology, 1996, 53, 61-71.	1.2	38
46	The sheep orthologue of the HLA-DOB gene. Immunogenetics, 1995, 43, 76-9.	2.4	10
47	The DY sub-region of the sheep MHC contains an A/B gene pair. Immunogenetics, 1994, 40, 230-234.	2.4	49
48	Evidence for the expression of two distinct MHC class II DRÎ² like molecules in the sheep. Animal Genetics, 1994, 25, 235-241.	1.7	19
49	Mapping and characterization of the DQ subregion of the ovine MHC. Animal Genetics, 1994, 25, 243-249.	1.7	29
50	Expression and characterization of ovine major histocompatibility complex class II (OLAâ€ÐR) genes. Animal Genetics, 1992, 23, 347-359.	1.7	35
51	The Use of Flow Cytometry to Detect Transfected Gene Products. , 1991, 7, 361-378.		0
52	Class II major histocompatibility complex genes of the sheep. Animal Genetics, 1991, 22, 211-225.	1.7	33