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	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
2	Cattle MHC: evolution in action?. Immunological Reviews, 1999, 167, 159-168.	6.0	74
3	The DY sub-region of the sheep MHC contains an A/B gene pair. Immunogenetics, 1994, 40, 230-234.	2.4	49
4	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
5	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
6	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
7	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
8	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
9	Expression and characterization of ovine major histocompatibility complex class II (OLAâ€DR) genes. Animal Genetics, 1992, 23, 347-359.	1.7	35
10	Class II major histocompatibility complex genes of the sheep. Animal Genetics, 1991, 22, 211-225.	1.7	33
11	Comparative MHC nomenclature: report from the ISAG/IUIS-VIC committee 2018. Immunogenetics, 2018, 70, 625-632.	2.4	32
12	Mapping and characterization of the DQ subregion of the ovine MHC. Animal Genetics, 1994, 25, 243-249.	1.7	29
13	Sequence-based genotyping of the sheep MHC class II DRB1 locus. Immunogenetics, 2010, 62, 31-39.	2.4	29
14	Haplotype characterization of transcribed ovine major histocompatibility complex (MHC) class I genes. Immunogenetics, 2005, 57, 499-509.	2.4	28
15	Trans-Species Polymorphism and Selection in the MHC Class II DRA Genes of Domestic Sheep. PLoS ONE, 2010, 5, e11402.	2.5	28
16	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
17	Genomic organisation and allelic diversity within coding and non-coding regions of the Ovar-DRB1 locus. Immunogenetics, 2008, 60, 95-103.	2.4	21
18	The CD45 locus in cattle: allelic polymorphism and evidence for exceptional positive natural selection. Immunogenetics, 2001, 52, 276-283.	2.4	19

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19	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
20	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
21	Genetic and proteomic analysis of the MHC class I repertoire from four ovine haplotypes. Immunogenetics, 2008, 60, 177-184.	2.4	18
22	Characterisation of major histocompatibility complex class IIa haplotypes in an island sheep population. Immunogenetics, 2019, 71, 383-393.	2.4	17
23	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
24	Non-human lnc-DC orthologs encode Wdnm1-like protein. F1000Research, 2014, 3, 160.	1.6	16
25	An ancient interlocus recombination increases class II MHCDQAdiversity in sheep and otherBovidae. Animal Genetics, 2015, 46, 333-336.	1.7	13
26	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
27	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
28	Identification of Theileria lestoquardi Antigens Recognized by CD8+ T Cells. PLoS ONE, 2016, 11, e0162571.	2.5	13
29	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
30	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
31	The sheep orthologue of the HLA-DOB gene. Immunogenetics, 1995, 43, 76-9.	2.4	10
32	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
33	The kinetics of Theileria parva infection and lymphocyte transformation in vitro. International Journal for Parasitology, 2006, 36, 771-778.	3.1	10
34	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
35	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
36	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

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37	Antimicrobial resistance in ovine bacteria: A sheep in wolfâ€™s clothing?. PLoS ONE, 2020, 15, e0238708.	2.5	8
38	Immunological Homeostasis at the Ovine Placenta May Reflect the Degree of Maternal Fetal Interaction. Frontiers in Immunology, 2018, 9, 3025.	4.8	7
39	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
40	Contemporary selection on MHC genes in a freeâ€living ruminant population. Ecology Letters, 2022, 25, 828-838.	6.4	6
41	An official nomenclature for the major histocompatibility complex allele sequences from the domestic goat (Capra hircus). Hla, 2018, 93, 36-38.	0.6	5
42	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
43	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
44	Allelic nomenclature for the duplicated MHC class II DQ genes in sheep. Immunogenetics, 2019, 71, 347-351.	2.4	4
45	Unraveling features of the natural MHC class II peptidome of skin-migrated dendritic cells. International Immunology, 2012, 24, 59-69.	4.0	3
46	MHC class IIa haplotypes derived by high-throughput SNP screening in an isolated sheep population. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	3
47	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
48	Associations between MHC class II variation and phenotypic traits in a freeâ€living sheep population. Molecular Ecology, 2022, 31, 902-915.	3.9	2
49	Intramammary Immunisation Provides Short Term Protection Against Mannheimia haemolytica Mastitis in Sheep. Frontiers in Veterinary Science, 2021, 8, 659803.	2.2	1
50	The Use of Flow Cytometry to Detect Transfected Gene Products. , 1991, 7, 361-378.		0
51	Genes and the development of bovine neonatal pancytopenia. Veterinary Journal, 2011, 190, 187-188.	1.7	0
52	Evidence for four functional DQA loci in cattle with distinct distributions amongst European and African populations. , 2000, , 279-284.		0