

Kieran G Meade

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,716
citations

172207

29
h-index

197535

49
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85
all docs

85
docs citations

85
times ranked

2876
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Biochemical and molecular characterization of sialylated cervical mucins in sheep. <i>Biology of Reproduction</i> , 2022, 107, 419-431. | 1.2 | 6 |
| 2 | Ewe breed differences in the cervical transcriptome at the follicular phase of a synchronised oestrous cycle. <i>BMC Genomics</i> , 2022, 23, 363. | 1.2 | 4 |
| 3 | Effect of IL-8 haplotype on temporal profile in circulating concentrations of interleukin 8 and 25(OH) vitamin D in Holstein-Friesian calves. <i>Veterinary Immunology and Immunopathology</i> , 2021, 238, 110287. | 0.5 | 4 |
| 4 | Effect of IL8 haplotype on immunological traits in periparturient dairy cows. <i>Veterinary Immunology and Immunopathology</i> , 2021, 238, 110288. | 0.5 | 2 |
| 5 | The immune response in bovine primary dermal fibroblasts is influenced by Interleukin 8 promoter haplotype and vitamin D. <i>Veterinary Immunology and Immunopathology</i> , 2021, 238, 110291. | 0.5 | 3 |
| 6 | Bovine innate immune phenotyping via a standardized whole blood stimulation assay. <i>Scientific Reports</i> , 2021, 11, 17227. | 1.6 | 5 |
| 7 | Johne's Disease in Dairy Cattle: An Immunogenetic Perspective. <i>Frontiers in Veterinary Science</i> , 2021, 8, 718987. | 0.9 | 13 |
| 8 | Low serum vitamin D concentrations in Spring-born dairy calves are associated with elevated peripheral leukocytes. <i>Scientific Reports</i> , 2021, 11, 18969. | 1.6 | 8 |
| 9 | Conserved and breed-specific differences in the cervical transcriptome of sheep with divergent fertility at the follicular phase of a natural oestrus cycle. <i>BMC Genomics</i> , 2021, 22, 752. | 1.2 | 8 |
| 10 | Purulent vaginal discharge diagnosed in pasture-based Holstein-Friesian cows at 21 days postpartum is influenced by previous lactation milk yield and results in diminished fertility. <i>Journal of Dairy Science</i> , 2020, 103, 666-675. | 1.4 | 8 |
| 11 | Functional analysis of bovine interleukin-10 receptor alpha in response to <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> lysate using CRISPR/Cas9. <i>BMC Genetics</i> , 2020, 21, 121. | 2.7 | 11 |
| 12 | Qualitative and quantitative differences in endometrial inflammatory gene expression precede the development of bovine uterine disease. <i>Scientific Reports</i> , 2020, 10, 18275. | 1.6 | 10 |
| 13 | Association of genetic polymorphisms related to Johne's disease with estimated breeding values of Holstein sires for milk ELISA test scores. <i>BMC Veterinary Research</i> , 2020, 16, 165. | 0.7 | 2 |
| 14 | Integrated analyses of the microbiological, immunological and ontological transitions in the calf ileum during early life. <i>Scientific Reports</i> , 2020, 10, 21264. | 1.6 | 6 |
| 15 | Improved filtration method to isolate pure populations of primary bovine endometrial epithelial and stromal cells for immunological studies. <i>Veterinary Research Communications</i> , 2020, 44, 29-39. | 0.6 | 10 |
| 16 | Application of the TruCulture® whole blood stimulation system for immune response profiling in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2020, 221, 110025. | 0.5 | 5 |
| 17 | 1,25(OH)D vitamin D promotes NOS2 expression in response to bacterial and viral PAMPs in primary bovine salivary gland fibroblasts. <i>Veterinary Research Communications</i> , 2020, 44, 83-88. | 0.6 | 6 |
| 18 | Characterization of circulating plasma proteins in dairy cows with cytological endometritis. <i>Journal of Proteomics</i> , 2019, 205, 103421. | 1.2 | 12 |

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|----|--|-----|-----------|
| 19 | Characterization of the bovine salivary gland transcriptome associated with <i>Mycobacterium avium</i> subsp. paratuberculosis experimental challenge. <i>BMC Genomics</i> , 2019, 20, 491. | 1.2 | 9 |
| 20 | Non-canonical Inflammasome-Mediated IL-1 β Production by Primary Endometrial Epithelial and Stromal Fibroblast Cells Is NLRP3 and Caspase-4 Dependent. <i>Frontiers in Immunology</i> , 2019, 10, 102. | 2.2 | 37 |
| 21 | Improved detection of biomarkers in cervico-vaginal mucus (CVM) from postpartum cattle. <i>BMC Veterinary Research</i> , 2018, 14, 297. | 0.7 | 10 |
| 22 | The genetic architecture of milk ELISA scores as an indicator of Johne's disease (paratuberculosis) in dairy cattle. <i>Journal of Dairy Science</i> , 2018, 101, 10062-10075. | 1.4 | 22 |
| 23 | Cervico-vaginal mucus (CVM) – an accessible source of immunologically informative biomolecules. <i>Veterinary Research Communications</i> , 2018, 42, 255-263. | 0.6 | 33 |
| 24 | Recombinant β -defensin 126 promotes bull sperm binding to bovine oviductal epithelia. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1472. | 0.1 | 21 |
| 25 | Short communication: Uncovering quantitative trait loci associated with resistance to <i>Mycobacterium avium</i> ssp. paratuberculosis infection in Holstein cattle using a high-density single nucleotide polymorphism panel. <i>Journal of Dairy Science</i> , 2018, 101, 7280-7286. | 1.4 | 27 |
| 26 | β -Defensins: Farming the Microbiome for Homeostasis and Health. <i>Frontiers in Immunology</i> , 2018, 9, 3072. | 2.2 | 111 |
| 27 | Interleukin 8 haplotypes drive divergent responses in uterine endometrial cells and are associated with somatic cell score in Holstein-Friesian cattle. <i>Veterinary Immunology and Immunopathology</i> , 2017, 184, 18-28. | 0.5 | 8 |
| 28 | A dual targeted β -defensin and exome sequencing approach to identify, validate and functionally characterise genes associated with bull fertility. <i>Scientific Reports</i> , 2017, 7, 12287. | 1.6 | 19 |
| 29 | Genomic identification, expression profiling, and functional characterization of CatSper channels in the bovine. <i>Biology of Reproduction</i> , 2017, 97, 302-312. | 1.2 | 20 |
| 30 | Profiling inflammatory biomarkers in cervico-vaginal mucus (CVM) postpartum: Potential early indicators of bovine clinical endometritis?. <i>Theriogenology</i> , 2017, 103, 117-122. | 0.9 | 30 |
| 31 | Comparative genomic identification and validation of β -defensin genes in the <i>Ovis aries</i> genome. <i>BMC Genomics</i> , 2017, 18, 278. | 1.2 | 14 |
| 32 | Alum Activates the Bovine NLRP3 Inflammasome. <i>Frontiers in Immunology</i> , 2017, 8, 1494. | 2.2 | 27 |
| 33 | Cauda Epididymis-Specific Beta-Defensin 126 Promotes Sperm Motility but Not Fertilizing Ability in Cattle. <i>Biology of Reproduction</i> , 2016, 95, 122-122. | 1.2 | 44 |
| 34 | Sperm-Coating Beta-Defensin 126 Is a Dissociation-Resistant Dimer Produced by Epididymal Epithelium in the Bovine Reproductive Tract. <i>Biology of Reproduction</i> , 2016, 95, 121-121. | 1.2 | 22 |
| 35 | Comparative genomic identification and expression profiling of a novel β -defensin gene cluster in the equine reproductive tract. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1499. | 0.1 | 10 |
| 36 | The CD4+ T cell methylome contributes to a distinct CD4+ T cell transcriptional signature in <i>Mycobacterium bovis</i> -infected cattle. <i>Scientific Reports</i> , 2016, 6, 31014. | 1.6 | 28 |

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|----|---|-----|-----------|
| 37 | In vivo relevance of polymorphic Interleukin 8 promoter haplotype for the systemic immune response to LPS in Holstein-Friesian calves. <i>Veterinary Immunology and Immunopathology</i> , 2016, 182, 1-10. | 0.5 | 11 |
| 38 | Prepartum concentrate supplementation of a diet based on medium-quality grass silage: Effects on performance, health, fertility, metabolic function, and immune function of low body condition score cows. <i>Journal of Dairy Science</i> , 2016, 99, 7102-7122. | 1.4 | 13 |
| 39 | 3 ROLE OF Î²-DEFENSIN 126 IN PROMOTING SPERM MOTILITY IN CATTLE. <i>Reproduction, Fertility and Development</i> , 2016, 28, 131. | 0.1 | 0 |
| 40 | Integrated analysis of the local and systemic changes preceding the development of post-partum cytological endometritis. <i>BMC Genomics</i> , 2015, 16, 811. | 1.2 | 33 |
| 41 | Analysis of the Bovine Monocyte-Derived Macrophage Response to <i>Mycobacterium avium</i> Subspecies Paratuberculosis Infection Using RNA-seq. <i>Frontiers in Immunology</i> , 2015, 6, 23. | 2.2 | 61 |
| 42 | Advances in Bovine Immunology – New Tools and New Insights to Tackle Old Foes. <i>Frontiers in Immunology</i> , 2015, 6, 71. | 2.2 | 2 |
| 43 | RNA-seq Transcriptional Profiling of Peripheral Blood Leukocytes from Cattle Infected with <i>Mycobacterium bovis</i> . <i>Frontiers in Immunology</i> , 2014, 5, 396. | 2.2 | 65 |
| 44 | Bovine Î²-defensin gene family: opportunities to improve animal health?. <i>Physiological Genomics</i> , 2014, 46, 17-28. | 1.0 | 81 |
| 45 | A novel subclass of bovine Î²-defensins links reproduction and immunology. <i>Reproduction, Fertility and Development</i> , 2014, 26, 769. | 0.1 | 21 |
| 46 | Characterisation and expression profile of the bovine cathelicidin gene repertoire in mammary tissue. <i>BMC Genomics</i> , 2014, 15, 128. | 1.2 | 33 |
| 47 | Comparative epigenetics: relevance to the regulation of production and health traits in cattle. <i>Animal Genetics</i> , 2014, 45, 3-14. | 0.6 | 17 |
| 48 | Endometrial epithelial cells are potent producers of tracheal antimicrobial peptide and serum amyloid A3 gene expression in response to <i>E. coli</i> stimulation. <i>Veterinary Immunology and Immunopathology</i> , 2013, 151, 157-162. | 0.5 | 50 |
| 49 | Epigenetic regulation of the innate immune response to LPS in bovine peripheral blood mononuclear cells (PBMC). <i>Veterinary Immunology and Immunopathology</i> , 2013, 154, 102-110. | 0.5 | 32 |
| 50 | Genome-Wide Association Analysis of Avian Resistance to <i>Campylobacter jejuni</i> Colonization Identifies Risk Locus Spanning the <i>CDH13</i> Gene. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 881-890. | 0.8 | 20 |
| 51 | Global endometrial transcriptomic profiling: transient immune activation precedes tissue proliferation and repair in healthy beef cows. <i>BMC Genomics</i> , 2012, 13, 489. | 1.2 | 26 |
| 52 | The postpartum endometrial inflammatory response: a normal physiological event with potential implications for bovine fertility. <i>Reproduction, Fertility and Development</i> , 2012, 24, 1028. | 0.1 | 62 |
| 53 | Avian Resistance to <i>Campylobacter jejuni</i> Colonization Is Associated with an Intestinal Immunogene Expression Signature Identified by mRNA Sequencing. <i>PLoS ONE</i> , 2012, 7, e40409. | 1.1 | 46 |
| 54 | Functional characterisation of bovine interleukin 8 promoter haplotypes in vitro. <i>Molecular Immunology</i> , 2012, 50, 108-116. | 1.0 | 15 |

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|----|---|-----|-----------|
| 55 | Single Nucleotide Polymorphisms in the Insulin-Like Growth Factor 1 (IGF-1) Gene are Associated with Performance in Holstein-Friesian Dairy Cattle. <i>Frontiers in Genetics</i> , 2011, 2, 3. | 1.1 | 50 |
| 56 | Experimental <i>Staphylococcus aureus</i> infection of the mammary gland induces region-specific changes in innate immune gene expression. <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 181-189. | 0.5 | 87 |
| 57 | Global gene expression analysis of chicken caecal response to <i>Campylobacter jejuni</i> . <i>Veterinary Immunology and Immunopathology</i> , 2011, 142, 64-71. | 0.5 | 18 |
| 58 | Tuberculosis Immunity: Opportunities from Studies with Cattle. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-11. | 3.3 | 104 |
| 59 | Technical note: Comparative analyses of the quality and yield of genomic DNA from invasive and noninvasive, automated and manual extraction methods. <i>Journal of Dairy Science</i> , 2011, 94, 3159-3165. | 1.4 | 21 |
| 60 | Genome-wide transcriptional profiling of peripheral blood leukocytes from cattle infected with <i>Mycobacterium bovis</i> reveals suppression of host immune genes. <i>BMC Genomics</i> , 2011, 12, 611. | 1.2 | 40 |
| 61 | The role of oct-1 in the regulation of tracheal antimicrobial peptide (TAP) and lingual antimicrobial peptide (LAP) expression in bovine mammary epithelial cells. <i>Immunogenetics</i> , 2011, 63, 715-725. | 1.2 | 10 |
| 62 | Reproductive tissue-specific expression profiling and genetic variation across a 19 gene bovine β -defensin cluster. <i>Immunogenetics</i> , 2011, 63, 641-651. | 1.2 | 33 |
| 63 | Endometrial biopsy: a valuable clinical and research tool in bovine reproduction. <i>Theriogenology</i> , 2010, 73, 988-994. | 0.9 | 57 |
| 64 | Comparative in vivo infection models yield insights on early host immune response to <i>Campylobacter</i> in chickens. <i>Immunogenetics</i> , 2009, 61, 101-110. | 1.2 | 92 |
| 65 | Differential antimicrobial peptide gene expression patterns during early chicken embryological development. <i>Developmental and Comparative Immunology</i> , 2009, 33, 516-524. | 1.0 | 64 |
| 66 | Histopathological and molecular evaluation of Holstein-Friesian cows postpartum: Toward an improved understanding of uterine innate immunity. <i>Theriogenology</i> , 2009, 71, 1396-1407. | 0.9 | 132 |
| 67 | Innate immune gene expression differentiates the early avian intestinal response between <i>Salmonella</i> and <i>Campylobacter</i> . <i>Veterinary Immunology and Immunopathology</i> , 2009, 132, 191-198. | 0.5 | 71 |
| 68 | Divergent antimicrobial peptide (AMP) and acute phase protein (APP) responses to <i>Trypanosoma congolense</i> infection in trypanotolerant and trypanosusceptible cattle. <i>Molecular Immunology</i> , 2009, 47, 196-204. | 1.0 | 11 |
| 69 | Transcriptional profiling of cattle infected with <i>Trypanosoma congolense</i> highlights gene expression signatures underlying trypanotolerance and trypanosusceptibility. <i>BMC Genomics</i> , 2009, 10, 207. | 1.2 | 41 |
| 70 | Evolution, expression and effectiveness in a cluster of novel bovine β -defensins. <i>Immunogenetics</i> , 2008, 60, 147-156. | 1.2 | 73 |
| 71 | Transmission ratio distortion at the growth hormone gene (<i>GH1</i>) in bovine preimplantation embryos: An in vitro culture-induced phenomenon?. <i>Molecular Reproduction and Development</i> , 2008, 75, 715-722. | 1.0 | 7 |
| 72 | Toll-like receptor and antimicrobial peptide expression in the bovine endometrium. <i>Reproductive Biology and Endocrinology</i> , 2008, 6, 53. | 1.4 | 167 |

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|----|--|-----|-----------|
| 73 | Directed alteration of a novel bovine β -defensin to improve antimicrobial efficacy against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 392-397. | 1.1 | 10 |
| 74 | Antigen stimulation of peripheral blood mononuclear cells from <i>Mycobacterium bovis</i> infected cattle yields evidence for a novel gene expression program. <i>BMC Genomics</i> , 2008, 9, 447. | 1.2 | 20 |
| 75 | Tumour necrosis factor- α (TNF- α) increases nuclear factor κ B (NF κ B) activity in and interleukin-8 (IL-8) release from bovine mammary epithelial cells. <i>Veterinary Immunology and Immunopathology</i> , 2007, 116, 59-68. | 0.5 | 77 |
| 76 | Innate gene repression associated with <i>Mycobacterium bovis</i> infection in cattle: toward a gene signature of disease. <i>BMC Genomics</i> , 2007, 8, 400. | 1.2 | 65 |
| 77 | Gene expression profiling of peripheral blood mononuclear cells (PBMC) from <i>Mycobacterium bovis</i> infected cattle after in vitro antigenic stimulation with purified protein derivative of tuberculin (PPD). <i>Veterinary Immunology and Immunopathology</i> , 2006, 113, 73-89. | 0.5 | 30 |
| 78 | Cytokine mRNA profiling of peripheral blood mononuclear cells from trypanotolerant and trypanosusceptible cattle infected with <i>Trypanosoma congolense</i> . <i>Physiological Genomics</i> , 2006, 28, 53-61. | 1.0 | 49 |
| 79 | Induction of a Novel Chicken Toll-Like Receptor following <i>Salmonella enterica</i> Serovar Typhimurium Infection. <i>Infection and Immunity</i> , 2006, 74, 1692-1698. | 1.0 | 173 |
| 80 | Convenient detection of single nucleotide polymorphism haplotypes in the bovine growth hormone gene using amplification-created restriction sites. <i>Animal Genetics</i> , 2005, 36, 175-177. | 0.6 | 0 |
| 81 | Cervical immune activation during the luteal phase may compromise subsequent trans-cervical ram sperm transport. <i>Biology of Reproduction</i> , 0, , . | 1.2 | 0 |
| 82 | A preliminary analysis of the variation in circulating 25-hydroxycholecalciferol concentrations in peri-partum spring-calving dairy cows. <i>Veterinary Research Communications</i> , 0, , . | 0.6 | 1 |