

Paul M Coussens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2426509/publications.pdf>

Version: 2024-02-01

69
papers

3,960
citations

126907

33
h-index

118850

62
g-index

69
all docs

69
docs citations

69
times ranked

2810
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine Gene Expression in Peripheral Blood Mononuclear Cells and Tissues of Cattle Infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> : Evidence for an Inherent Proinflammatory Gene Expression Pattern. <i>Infection and Immunity</i> , 2004, 72, 1409-1422.	2.2	436
2	Model for Immune Responses to <i>Mycobacterium avium</i> Subspecies <i>paratuberculosis</i> in Cattle. <i>Infection and Immunity</i> , 2004, 72, 3089-3096.	2.2	393
3	Antigen-specific regulatory T cells in bovine <i>paratuberculosis</i> . <i>Veterinary Immunology and Immunopathology</i> , 2008, 125, 234-245.	1.2	308
4	Regulatory T cells in cattle and their potential role in bovine <i>paratuberculosis</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2012, 35, 233-239.	1.6	297
5	A powerful and flexible linear mixed model framework for the analysis of relative quantification RT-PCR data. <i>Genomics</i> , 2009, 94, 146-152.	2.9	210
6	<i>Mycobacterium paratuberculosis</i> and the bovine immune system. <i>Animal Health Research Reviews</i> , 2001, 2, 141-162.	3.1	128
7	Functional genomics studies of oocyte competence: evidence that reduced transcript abundance for follistatin is associated with poor developmental competence of bovine oocytes. <i>Reproduction</i> , 2007, 133, 95-106.	2.6	108
8	Tuberculosis Immunity: Opportunities from Studies with Cattle. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-11.	3.3	104
9	Bovine leukemia virus: A major silent threat to proper immune responses in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2015, 163, 103-114.	1.2	103
10	Gene Expression Profiling of Peripheral Blood Mononuclear Cells from Cattle Infected with <i>Mycobacterium paratuberculosis</i> . <i>Infection and Immunity</i> , 2002, 70, 5494-5502.	2.2	93
11	Understanding bovine trypanosomiasis and trypanotolerance: the promise of functional genomics. <i>Veterinary Immunology and Immunopathology</i> , 2005, 105, 247-258.	1.2	74
12	Infection of Primary Bovine Macrophages with <i>Mycobacterium avium</i> Subspecies <i>paratuberculosis</i> Suppresses Host Cell Apoptosis. <i>Frontiers in Microbiology</i> , 2012, 3, 215.	3.5	68
13	Bovine mammary gene expression profiling using a cDNA microarray enhanced for mammary-specific transcripts. <i>Physiological Genomics</i> , 2003, 16, 8-18.	2.3	66
14	Cytokine responses of bovine macrophages to diverse clinical <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> strains. <i>BMC Microbiology</i> , 2006, 6, 10.	3.3	62
15	Evidence for a Novel Gene Expression Program in Peripheral Blood Mononuclear Cells from <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> -Infected Cattle. <i>Infection and Immunity</i> , 2003, 71, 6487-6498.	2.2	60
16	Microarray analysis of gene expression in blood neutrophils of parturient cows. <i>Physiological Genomics</i> , 2004, 16, 212-221.	2.3	58
17	Transcriptional analysis of diverse strains <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> in primary bovine monocyte derived macrophages. <i>Microbes and Infection</i> , 2008, 10, 1274-1282.	1.9	58
18	Development and testing of a high-density cDNA microarray resource for cattle. <i>Physiological Genomics</i> , 2003, 15, 158-164.	2.3	57

#	ARTICLE	IF	CITATIONS
19	Generation of a bovine oocyte cDNA library and microarray: resources for identification of genes important for follicular development and early embryogenesis. <i>Physiological Genomics</i> , 2004, 19, 84-92.	2.3	55
20	Gene expression profiling of monocyte-derived macrophages following infection with <i>Mycobacterium avium</i> subspecies <i>avium</i> and <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>Physiological Genomics</i> , 2006, 28, 67-75.	2.3	55
21	Johne's disease in cattle is associated with enhanced expression of genes encoding IL-5, GATA-3, tissue inhibitors of matrix metalloproteinases 1 and 2, and factors promoting apoptosis in peripheral blood mononuclear cells. <i>Veterinary Immunology and Immunopathology</i> , 2005, 105, 221-234.	1.2	52
22	A large-scale study of differential gene expression in monocyte-derived macrophages infected with several strains of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>Briefings in Functional Genomics</i> , 2010, 9, 220-237.	2.7	51
23	<i>JY-1</i> , an oocyte-specific gene, regulates granulosa cell function and early embryonic development in cattle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17602-17607.	7.1	46
24	Bioinformatics and high throughput approach to create genomic resources for the study of bovine immunobiology. <i>Veterinary Immunology and Immunopathology</i> , 2002, 86, 229-244.	1.2	43
25	A cDNA microarray from the telencephalon of juvenile male and female zebra finches. <i>Journal of Neuroscience Methods</i> , 2004, 138, 199-206.	2.5	42
26	Rapid and transient activation of gene expression in peripheral blood mononuclear cells from Johne's disease positive cows exposed to <i>Mycobacterium paratuberculosis</i> in vitro. <i>Microbial Pathogenesis</i> , 2004, 36, 93-108.	2.9	42
27	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.	2.8	41
28	Regulatory T Cell Activity and Signs of T Cell Unresponsiveness in Bovine Paratuberculosis. <i>Frontiers in Veterinary Science</i> , 2014, 1, 20.	2.2	41
29	Identification and Characterization of Marek's Disease Virus Genes Homologous to ICP27 and Glycoprotein K of Herpes Simplex Virus-1. <i>Virology</i> , 1994, 204, 242-250.	2.4	39
30	Regulatory T cells and immune profiling in johne's disease lesions. <i>Veterinary Immunology and Immunopathology</i> , 2016, 181, 39-50.	1.2	39
31	A rational framework for evaluating the next generation of vaccines against <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 126.	3.9	37
32	Validation and application of a high fidelity mRNA linear amplification procedure for profiling gene expression. <i>Veterinary Immunology and Immunopathology</i> , 2005, 105, 331-342.	1.2	36
33	<i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> suppresses expression of IL-12p40 and iNOS genes induced by signalling through CD40 in bovine monocyte-derived macrophages. <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 44-52.	1.2	35
34	Transactivation of the Rous sarcoma virus long terminal repeat promoter by Marek's disease virus. <i>Virology</i> , 1990, 179, 719-727.	2.4	34
35	GENERATION OF EXPRESSED SEQUENCE TAGS FROM A NORMALIZED PORCINE SKELETAL MUSCLE cDNA LIBRARY. <i>Animal Biotechnology</i> , 2002, 13, 211-222.	1.5	33
36	Evidence that Cocaine- and Amphetamine-Regulated Transcript Is a Novel Intraovarian Regulator of Follicular Atresia. <i>Endocrinology</i> , 2004, 145, 5373-5383.	2.8	33

#	ARTICLE	IF	CITATIONS
37	Relationship between <i>Mycobacterium avium</i> subspecies paratuberculosis, IL-1 β , and TRAF1 in primary bovine monocyte-derived macrophages. <i>Veterinary Immunology and Immunopathology</i> , 2007, 116, 131-144.	1.2	32
38	Development of a porcine brain cDNA library, EST database, and microarray resource. <i>Physiological Genomics</i> , 2003, 16, 153-159.	2.3	30
39	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.	1.2	30
40	Comparison of gene expression by co-cultured WC1+ β 1 and CD4+ β 2 T cells exhibiting a recall response to bacterial antigen. <i>Molecular Immunology</i> , 2007, 44, 2023-2035.	2.2	30
41	Marek's disease virus-mediated enhancement of avian leukosis virus gene expression and virus production. <i>Virology</i> , 1992, 186, 113-121.	2.4	28
42	Purification and characterization of infectious Marek's disease virus genomes using pulsed field electrophoresis. <i>Virology</i> , 1991, 185, 673-680.	2.4	26
43	Identification of novel genes associated with dominant follicle development in cattle. <i>Reproduction, Fertility and Development</i> , 2007, 19, 967.	0.4	25
44	Differential expression of genes encoding CD30L and P-selectin in cattle with Johne's disease: Progress toward a diagnostic gene expression signature. <i>Veterinary Immunology and Immunopathology</i> , 2006, 112, 210-224.	1.2	24
45	Reduced humoral immunity and atypical cell-mediated immunity in response to vaccination in cows naturally infected with bovine leukemia virus. <i>Veterinary Immunology and Immunopathology</i> , 2016, 182, 125-135.	1.2	22
46	Development of a Sustainable Chick Cell Line Infected with Marek's Disease Virus. <i>Virology</i> , 1995, 214, 541-549.	2.4	21
47	Screening of <i>Mycobacterium avium</i> subsp. paratuberculosis mutants for attenuation in a bovine monocyte-derived macrophage model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 87.	3.9	21
48	High titer growth of human and avian influenza viruses in an immortalized chick embryo cell line without the need for exogenous proteases. <i>Vaccine</i> , 2008, 26, 3778-3782.	3.8	20
49	Molecular Analysis of the Glycoprotein C-Negative Phenotype of Attenuated Marek's Disease Virus. <i>Virology</i> , 1994, 199, 393-402.	2.4	17
50	Evidence That Marek's Disease Virus Exists in a Latent State in a Sustainable Fibroblast Cell Line. <i>Virology</i> , 1997, 229, 309-321.	2.4	17
51	Dairy Cows Naturally Infected with Bovine Leukemia Virus Exhibit Abnormal B- and T-Cell Phenotypes after Primary and Secondary Exposures to Keyhole Limpet Hemocyanin. <i>Frontiers in Veterinary Science</i> , 2017, 4, 112.	2.2	17
52	MicroRNAs Encoded by Bovine Leukemia Virus (BLV) Are Associated with Reduced Expression of B Cell Transcriptional Regulators in Dairy Cattle Naturally Infected with BLV. <i>Frontiers in Veterinary Science</i> , 2018, 4, 245.	2.2	17
53	Interactions between Marek's Disease Virus Encoded or Induced Factors and the Rous Sarcoma Virus Long Terminal Repeat Promoter. <i>Virology</i> , 1994, 199, 1-10.	2.4	16
54	A 14-kDa immediate-early phosphoprotein is specifically expressed in cells infected with oncogenic Marek's disease virus strains and their attenuated derivatives. <i>Virology</i> , 1995, 206, 695-700.	2.4	16

#	ARTICLE	IF	CITATIONS
55	Immortalized chick embryo cell line adapted to serum-free growth conditions and capable of replicating human and reassortant H5N1 influenza strains for vaccine production. <i>Vaccine</i> , 2011, 29, 8661-8668.	3.8	14
56	Using Human Microarrays to Identify Differentially Expressed Genes Associated with Increased Steroidogenesis in Boars. <i>Animal Biotechnology</i> , 2005, 16, 139-151.	1.5	12
57	Bovine leukemia virus detection and dynamics following experimental inoculation. <i>Research in Veterinary Science</i> , 2020, 133, 269-275.	1.9	12
58	Structure of the Bovine Natural Resistance Associated Macrophage Protein (NRAMP 1) Gene and Identification of a Novel Polymorphism. <i>DNA Sequence</i> , 2004, 15, 15-25.	0.7	11
59	Characterization of the inflammatory phenotype of <i>Mycobacterium avium</i> subspecies paratuberculosis using a novel cell culture passage model. <i>Microbiology (United Kingdom)</i> , 2015, 161, 1420-1434.	1.8	11
60	<i>Mycobacterium avium</i> sp. paratuberculosis (MAP) induces IL-17a production in bovine peripheral blood mononuclear cells (PBMCs) and enhances IL-23R expression in-vivo and in-vitro. <i>Veterinary Immunology and Immunopathology</i> , 2019, 218, 109952.	1.2	11
61	<i>Mycobacterium avium</i> Subspecies paratuberculosis Drives an Innate Th17-Like T Cell Response Regardless of the Presence of Antigen-Presenting Cells. <i>Frontiers in Veterinary Science</i> , 2020, 7, 108.	2.2	9
62	Characterization of the gene encoding herpesvirus of turkeys gp57-65: Comparison to Marek's disease virus gp57-65 and herpes simplex virus glycoprotein C. <i>Virus Genes</i> , 1990, 3, 291-307.	1.6	8
63	Cloning and sequence analysis of a Marek's disease virus origin binding protein (OBP) reveals strict conservation of structural motifs among OBPs of divergent alphaherpesviruses. <i>Virus Genes</i> , 1996, 13, 143-157.	1.6	8
64	Differential Gene Expression Segregates Cattle Confirmed Positive for Bovine Tuberculosis from Antemortem Tuberculosis Test-False Positive Cattle Originating from Herds Free of Bovine Tuberculosis. <i>Veterinary Medicine International</i> , 2012, 2012, 1-12.	1.5	6
65	Enhanced production of human influenza virus in PBS-12SF cells with a reduced interferon response. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2296-2304.	3.3	5
66	Defective Marek's Disease Virus DNA Contains a Gene Encoding a Potential Nuclear DNA Binding Protein and a HSV a-like Sequence. <i>Virology</i> , 1993, 196, 484-495.	2.4	3
67	Identification of a novel transcription factor, ACF, in cultured avian fibroblast cells that interacts with a Marek's disease virus late gene promoter. <i>Virology</i> , 1991, 185, 80-89.	2.4	2
68	Bovine Leukemia Virus and <i>Mycobacterium avium</i> subsp. paratuberculosis Are Not Associated with Shiga Toxin-producing <i>Escherichia coli</i> Shedding in Cattle. <i>Journal of Food Protection</i> , 2017, 80, 86-89.	1.7	1
69	Natural Infection of Dairy Cows with Bovine Leukemia Virus Affects Immunoglobulin Levels in Saliva and Serum but Not Milk. <i>Pathogens</i> , 2021, 10, 907.	2.8	1