Paul M Coussens

List of Publications by Year
in descending order

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	Natural Infection of Dairy Cows with Bovine Leukemia Virus Affects Immunoglobulin Levels in Saliva and Serum but Not Milk. Pathogens, 2021, 10, 907.	2.8	1
2	Bovine leukemia virus detection and dynamics following experimental inoculation. Research in Veterinary Science, 2020, 133, 269-275.	1.9	12
3	Mycobacterium avium Subspecies paratuberculosis Drives an Innate Th17-Like T Cell Response Regardless of the Presence of Antigen-Presenting Cells. Frontiers in Veterinary Science, 2020, 7, 108.	2.2	9
4	Mycobacterium avium sp. paratuberculosis (MAP) induces IL-17a production in bovine peripheral blood mononuclear cells (PBMCs) and enhances IL-23R expression in-vivo and in-vitro. Veterinary Immunology and Immunopathology, 2019, 218, 109952.	1.2	11
5	MicroRNAs Encoded by Bovine Leukemia Virus (BLV) Are Associated with Reduced Expression of B Cell Transcriptional Regulators in Dairy Cattle Naturally Infected with BLV. Frontiers in Veterinary Science, 2018, 4, 245.	2.2	17
6	Dairy Cows Naturally Infected with Bovine Leukemia Virus Exhibit Abnormal B- and T-Cell Phenotypes after Primary and Secondary Exposures to Keyhole Limpet Hemocyanin. Frontiers in Veterinary Science, 2017, 4, 112.	2.2	17
7	Bovine Leukemia Virus and Mycobacterium avium subsp. paratuberculosis Are Not Associated with Shiga Toxinâ€"Producing Escherichia coli Shedding in Cattle. Journal of Food Protection, 2017, 80, 86-89.	1.7	1
8	Regulatory T cells and immune profiling in johneâ€™s disease lesions. Veterinary Immunology and Immunopathology, 2016, 181, 39-50.	1.2	39
9	Reduced humoral immunity and atypical cell-mediated immunity in response to vaccination in cows naturally infected with bovine leukemia virus. Veterinary Immunology and Immunopathology, 2016, 182, 125-135.	1.2	22
10	Bovine leukemia virus: A major silent threat to proper immune responses in cattle. Veterinary Immunology and Immunopathology, 2015, 163, 103-114.	1.2	103
11	Characterization of the inflammatory phenotype of Mycobacterium avium subspecies paratuberculosis using a novel cell culture passage model. Microbiology (United Kingdom), 2015, 161, 1420-1434.	1.8	11
12	Enhanced production of human influenza virus in PBS-12SF cells with a reduced interferon response. Human Vaccines and Immunotherapeutics, 2015, 11, 2296-2304.	3.3	5
13	Regulatory T Cell Activity and Signs of T Cell Unresponsiveness in Bovine Paratuberculosis. Frontiers in Veterinary Science, 2014, 1, 20.	2.2	41
14	Screening of Mycobacterium avium subsp. paratuberculosis mutants for attenuation in a bovine monocyte-derived macrophage model. Frontiers in Cellular and Infection Microbiology, 2014, 4, 87.	3.9	21
15	A rational framework for evaluating the next generation of vaccines against Mycobacterium avium subspecies paratuberculosis. Frontiers in Cellular and Infection Microbiology, 2014, 4, 126.	3.9	37
16	Differential Gene Expression Segregates Cattle Confirmed Positive for Bovine Tuberculosis from Antemortem Tuberculosis Test-False Positive Cattle Originating from Herds Free of Bovine Tuberculosis. Veterinary Medicine International, 2012, 2012, 1-12.	1.5	6
17	Infection of Primary Bovine Macrophages with Mycobacterium avium Subspecies paratuberculosis Suppresses Host Cell Apoptosis. Frontiers in Microbiology, 2012, 3, 215.	3.5	68
18	Regulatory T cells in cattle and their potential role in bovine paratuberculosis. Comparative Immunology, Microbiology and Infectious Diseases, 2012, 35, 233-239.	1.6	297

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19	Immortalized chick embryo cell line adapted to serum-free growth conditions and capable of replicating human and reassortant H5N1 influenza strains for vaccine production. Vaccine, 2011, 29, 8661-8668.	3.8	14
20	Tuberculosis Immunity: Opportunities from Studies with Cattle. Clinical and Developmental Immunology, 2011, 2011, 1-11.	3.3	104
21	A large-scale study of differential gene expression in monocyte-derived macrophages infected with several strains of Mycobacterium avium subspecies paratuberculosis. Briefings in Functional Genomics, 2010, 9, 220-237.	2.7	51
22	Mycobacterium avium subspecies paratuberculosis suppresses expression of IL-12p40 and iNOS genes induced by signalling through CD40 in bovine monocyte-derived macrophages. Veterinary Immunology and Immunopathology, 2009, 128, 44-52.	1.2	35
23	A powerful and flexible linear mixed model framework for the analysis of relative quantification RT-PCR data. Genomics, 2009, 94, 146-152.	2.9	210
24	Transcriptional profiling of cattle infected with Trypanosoma congolense highlights gene expression signatures underlying trypanotolerance and trypanosusceptibility. BMC Genomics, 2009, 10, 207.	2.8	41
25	Transcriptional analysis of diverse strains Mycobacterium avium subspecies paratuberculosis in primary bovine monocyte derived macrophages. Microbes and Infection, 2008, 10, 1274-1282.	1.9	58
26	High titer growth of human and avian influenza viruses in an immortalized chick embryo cell line without the need for exogenous proteases. Vaccine, 2008, 26, 3778-3782.	3.8	20
27	Antigen-specific regulatory T cells in bovine paratuberculosis. Veterinary Immunology and Immunopathology, 2008, 125, 234-245.	1.2	308
28	JY-1 , an oocyte-specific gene, regulates granulosa cell function and early embryonic development in cattle. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17602-17607.	7.1	46
29	Functional genomics studies of oocyte competence: evidence that reduced transcript abundance for follistatin is associated with poor developmental competence of bovine oocytes. Reproduction, 2007, 133, 95-106.	2.6	108
30	Identification of novel genes associated with dominant follicle development in cattle. Reproduction, Fertility and Development, 2007, 19, 967.	0.4	25
31	Relationship between Mycobacterium avium subspecies paratuberculosis, IL-1Î±, and TRAF1 in primary bovine monocyte-derived macrophages. Veterinary Immunology and Immunopathology, 2007, 116, 131-144.	1.2	32
32	Comparison of gene expression by co-cultured WC1+ Î³Î´ and CD4+ Î±Î² T cells exhibiting a recall response to bacterial antigen. Molecular Immunology, 2007, 44, 2023-2035.	2.2	30
33	Differential expression of genes encoding CD30L and P-selectin in cattle with Johne's disease: Progress toward a diagnostic gene expression signature. Veterinary Immunology and Immunopathology, 2006, 112, 210-224.	1.2	24
34	Gene expression profiling of peripheral blood mononuclear cells (PBMC) from Mycobacterium bovis infected cattle after in vitro antigenic stimulation with purified protein derivative of tuberculin (PPD). Veterinary Immunology and Immunopathology, 2006, 113, 73-89.	1.2	30
35	Gene expression profiling of monocyte-derived macrophages following infection withMycobacterium aviumsubspeciesaviumandMycobacterium aviumsubspeciesparatuberculosis. Physiological Genomics, 2006, 28, 67-75.	2.3	55
36	Cytokine responses of bovine macrophages to diverse clinical Mycobacterium avium subspecies paratuberculosis strains. BMC Microbiology, 2006, 6, 10.	3.3	62

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37	Using Human Microarrays to Identify Differentially Expressed Genes Associated with Increased Steroidogenesis in Boars. Animal Biotechnology, 2005, 16, 139-151.	1.5	12
38	Understanding bovine trypanosomiasis and trypanotolerance: the promise of functional genomics. Veterinary Immunology and Immunopathology, 2005, 105, 247-258.	1.2	74
39	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. Veterinary Immunology and Immunopathology, 2005, 105, 221-234.	1.2	52
40	Validation and application of a high fidelity mRNA linear amplification procedure for profiling gene expression. Veterinary Immunology and Immunopathology, 2005, 105, 331-342.	1.2	36
41	Evidence that Cocaine- and Amphetamine-Regulated Transcript Is a Novel Intraovarian Regulator of Follicular Atresia. Endocrinology, 2004, 145, 5373-5383.	2.8	33
42	Cytokine Gene Expression in Peripheral Blood Mononuclear Cells and Tissues of Cattle Infected with Mycobacterium avium subsp. paratuberculosis : Evidence for an Inherent Proinflammatory Gene Expression Pattern. Infection and Immunity, 2004, 72, 1409-1422.	2.2	436
43	A cDNA microarray from the telencephalon of juvenile male and female zebra finches. Journal of Neuroscience Methods, 2004, 138, 199-206.	2.5	42
44	Microarray analysis of gene expression in blood neutrophils of parturient cows. Physiological Genomics, 2004, 16, 212-221.	2.3	58
45	Structure of the Bovine Natural Resistance Associated Macrophage Protein (NRAMP 1) Gene and Identification of a Novel Polymorphism. DNA Sequence, 2004, 15, 15-25.	0.7	11
46	Model for Immune Responses to Mycobacterium avium Subspecies paratuberculosis in Cattle. Infection and Immunity, 2004, 72, 3089-3096.	2.2	393
47	Rapid and transient activation of gene expression in peripheral blood mononuclear cells from Johne's disease positive cows exposed to Mycobacterium paratuberculosis in vitro. Microbial Pathogenesis, 2004, 36, 93-108.	2.9	42
48	Generation of a bovine oocyte cDNA library and microarray: resources for identification of genes important for follicular development and early embryogenesis. Physiological Genomics, 2004, 19, 84-92.	2.3	55
49	Evidence for a Novel Gene Expression Program in Peripheral Blood Mononuclear Cells from Mycobacterium avium subsp. paratuberculosis -Infected Cattle. Infection and Immunity, 2003, 71, 6487-6498.	2.2	60
50	Development and testing of a high-density cDNA microarray resource for cattle. Physiological Genomics, 2003, 15, 158-164.	2.3	57
51	Bovine mammary gene expression profiling using a cDNA microarray enhanced for mammary-specific transcripts. Physiological Genomics, 2003, 16, 8-18.	2.3	66
52	Development of a porcine brain cDNA library, EST database, and microarray resource. Physiological Genomics, 2003, 16, 153-159.	2.3	30
53	Gene Expression Profiling of Peripheral Blood Mononuclear Cells from Cattle Infected with Mycobacterium paratuberculosis. Infection and Immunity, 2002, 70, 5494-5502.	2.2	93
54	GENERATION OF EXPRESSED SEQUENCE TAGS FROM A NORMALIZED PORCINE SKELETAL MUSCLE cDNA LIBRARY. Animal Biotechnology, 2002, 13, 211-222.	1.5	33

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55	Bioinformatics and high throughput approach to create genomic resources for the study of bovine immunobiology. Veterinary Immunology and Immunopathology, 2002, 86, 229-244.	1.2	43
56	Mycobacterium paratuberculosisand the bovine immune system. Animal Health Research Reviews, 2001, 2, 141-162.	3.1	128
57	Evidence That Marek's Disease Virus Exists in a Latent State in a Sustainable Fibroblast Cell Line. Virology, 1997, 229, 309-321.	2.4	17
58	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. Virus Genes, 1996, 13, 143-157.	1.6	8
59	A 14-kDa immediate-early phosphoprotein is specifically expressed in cells infected with oncogenic Marek's disease virus strains and their attenuated derivatives. Virology, 1995, 206, 695-700.	2.4	16
60	Development of a Sustainable Chick Cell Line Infected with Marek's Disease Virus. Virology, 1995, 214, 541-549.	2.4	21
61	Interactions between Marek's Disease Virus Encoded or Induced Factors and the Rous Sarcoma Virus Long Terminal Repeat Promoter. Virology, 1994, 199, 1-10.	2.4	16
62	Molecular Analysis of the Glycoprotein C-Negative Phenotype of Attenuated Marek's Disease Virus. Virology, 1994, 199, 393-402.	2.4	17
63	Identification and Characterization of Marek's Disease Virus Genes Homologous to ICP27 and Glycoprotein K of Herpes Simplex Virus-1. Virology, 1994, 204, 242-250.	2.4	39
64	Defective Marek's Disease Virus DNA Contains a Gene Encoding a Potential Nuclear DNA Binding Protein and a HSV a-like Sequence. Virology, 1993, 196, 484-495.	2.4	3
65	Marek's disease virus-mediated enhancement of avian leukosis virus gene expression and virus production. Virology, 1992, 186, 113-121.	2.4	28
66	Purification and characterization of infectious Marek's disease virus genomes using pulsed field electrophoresis. Virology, 1991, 185, 673-680.	2.4	26
67	Identification of a novel transcription factor, ACF, in cultured avian fibroblast cells that interacts with a Marek's disease virus late gene promoter. Virology, 1991, 185, 80-89.	2.4	2
68	Transactivation of the Rous sarcoma virus long terminal repeat promoter by Marek's disease virus. Virology, 1990, 179, 719-727.	2.4	34
69	Characterization of the gene encoding herpesvirus of turkeys gp57-65: Comparison to Marek's disease virus gp57-65 and herpes simplex virus glycoprotein C. Virus Genes, 1990, 3, 291-307.	1.6	8