

Philip J Griebel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3569018/publications.pdf>

Version: 2024-02-01

99
papers

3,790
citations

117625

34
h-index

138484

58
g-index

100
all docs

100
docs citations

100
times ranked

3955
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered Toll-Like Receptor 9 Signaling in <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> -Infected Bovine Monocytes Reveals Potential Therapeutic Targets. <i>Infection and Immunity</i> , 2013, 81, 226-237.	2.2	308
2	Taxonomic Identification of Commensal Bacteria Associated with the Mucosa and Digesta throughout the Gastrointestinal Tracts of Preweaned Calves. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2021-2028.	3.1	202
3	Expanding the role of Peyer's patches in B-cell ontogeny. <i>Trends in Immunology</i> , 1996, 17, 30-39.	7.5	189
4	The Gut Microbiome and Its Potential Role in the Development and Function of Newborn Calf Gastrointestinal Tract. <i>Frontiers in Veterinary Science</i> , 2015, 2, 36.	2.2	178
5	A road less travelled: large animal models in immunological research. <i>Nature Reviews Immunology</i> , 2003, 3, 79-84.	22.7	170
6	From mouth to macrophage: mechanisms of innate immune subversion by <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Veterinary Research</i> , 2014, 45, 54.	3.0	110
7	Bovine and human cathelicidin cationic host defense peptides similarly suppress transcriptional responses to bacterial lipopolysaccharide. <i>Journal of Leukocyte Biology</i> , 2006, 80, 1563-1574.	3.3	93
8	<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Inhibits Gamma Interferon-Induced Signaling in Bovine Monocytes: Insights into the Cellular Mechanisms of Johne's Disease. <i>Infection and Immunity</i> , 2012, 80, 3039-3048.	2.2	91
9	Regional and age dependent changes in gene expression of Toll-like receptors and key antimicrobial defence molecules throughout the gastrointestinal tract of dairy calves. <i>Veterinary Immunology and Immunopathology</i> , 2012, 146, 18-26.	1.2	86
10	Proinflammatory cytokine gene expression in endometrial cytobrush samples harvested from cows with and without subclinical endometritis. <i>Theriogenology</i> , 2012, 78, 1538-1547.	2.1	82
11	Knowledge gaps that hamper prevention and control of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 125-148.	3.0	79
12	Potential Regulatory Role of MicroRNAs in the Development of Bovine Gastrointestinal Tract during Early Life. <i>PLoS ONE</i> , 2014, 9, e92592.	2.5	78
13	Cis-perturbation of cancer drivers by the HTLV-1/BLV proviruses is an early determinant of leukemogenesis. <i>Nature Communications</i> , 2017, 8, 15264.	12.8	77
14	Commensal microbiome effects on mucosal immune system development in the ruminant gastrointestinal tract. <i>Animal Health Research Reviews</i> , 2012, 13, 129-141.	3.1	76
15	Fetal immunization by a DNA vaccine delivered into the oral cavity. <i>Nature Medicine</i> , 2000, 6, 929-932.	30.7	75
16	Models and Methods to Investigate Acute Stress Responses in Cattle. <i>Animals</i> , 2015, 5, 1268-1295.	2.3	72
17	Transcriptome analysis reveals regional and temporal differences in mucosal immune system development in the small intestine of neonatal calves. <i>BMC Genomics</i> , 2016, 17, 602.	2.8	62
18	Distinct commensal bacteria associated with ingesta and mucosal epithelium in the gastrointestinal tracts of calves and chickens. <i>FEMS Microbiology Ecology</i> , 2012, 79, 337-347.	2.7	59

#	ARTICLE	IF	CITATIONS
19	Characterization of novel Bovine Leukemia Virus (BLV) antisense transcripts by deep sequencing reveals constitutive expression in tumors and transcriptional interaction with viral microRNAs. <i>Retrovirology</i> , 2016, 13, 33.	2.0	59
20	Identification of novel host defense peptides and the absence of Î±-defensins in the bovine genome. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 420-430.	2.6	53
21	Oral DNA Vaccination In Utero Induces Mucosal Immunity and Immune Memory in the Neonate. <i>Journal of Immunology</i> , 2002, 168, 1877-1885.	0.8	49
22	Bovine toll-like receptor 9: A comparative analysis of molecular structure, function and expression. <i>Veterinary Immunology and Immunopathology</i> , 2005, 108, 11-16.	1.2	49
23	Comparative analysis of innate immune responses following infection of newborn calves with bovine rotavirus and bovine coronavirus. <i>Journal of General Virology</i> , 2007, 88, 2749-2761.	2.9	48
24	Bovine and Ovine Blood Mononuclear Leukocytes Differ Markedly in Innate Immune Responses Induced by Class A and Class B CpG-Oligodeoxynucleotide. <i>Oligonucleotides</i> , 2003, 13, 245-259.	2.7	47
25	Altered microRNA expression and pre-mRNA splicing events reveal new mechanisms associated with early stage <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection. <i>Scientific Reports</i> , 2016, 6, 24964.	3.3	47
26	Stress significantly increases mortality following a secondary bacterial respiratory infection. <i>Veterinary Research</i> , 2012, 43, 21.	3.0	46
27	The in vivo effects of recombinant bovine herpesvirus-1 expressing bovine interferon-Î³. <i>Journal of General Virology</i> , 2000, 81, 2665-2673.	2.9	46
28	Multiple intestinal "loops" provide an in vivo model to analyse multiple mucosal immune responses. <i>Journal of Immunological Methods</i> , 2001, 256, 19-33.	1.4	45
29	Comparative Approaches to the Investigation of Responses to Stress and Viral Infection in Cattle. <i>OMICS A Journal of Integrative Biology</i> , 2007, 11, 413-434.	2.0	42
30	Taxonomic and Functional Compositions of the Small Intestinal Microbiome in Neonatal Calves Provide a Framework for Understanding Early Life Gut Health. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	41
31	Identification of developmentally-specific kinotypes and mechanisms of <i>Varroa</i> mite resistance through whole-organism, kinome analysis of honeybee. <i>Frontiers in Genetics</i> , 2014, 5, 139.	2.3	40
32	Mucosal immunity of the postpartum bovine genital tract. <i>Theriogenology</i> , 2017, 104, 62-71.	2.1	40
33	Stability, toxicity, and biological activity of host defense peptide BMAP28 and its inversed and retro-inversed isomers. <i>Biopolymers</i> , 2011, 96, 14-24.	2.4	39
34	Mucosal changes in a long-term bovine intestinal segment model following removal of ingesta and microflora. <i>Gut Microbes</i> , 2011, 2, 134-144.	9.8	39
35	Host Responses to Persistent <i>Mycobacterium avium</i> Subspecies <i>paratuberculosis</i> Infection in Surgically Isolated Bovine Ileal Segments. <i>Vaccine Journal</i> , 2013, 20, 156-165.	3.1	36
36	Bovine polymorphonuclear cells passively acquire membrane lipids and integral membrane proteins from apoptotic and necrotic cells. <i>Journal of Leukocyte Biology</i> , 2006, 79, 1226-1233.	3.3	35

#	ARTICLE	IF	CITATIONS
37	Disruption of B-cell homeostatic control mediated by the BLV-Tax oncoprotein: association with the upregulation of Bcl-2 and signaling through NF- κ B. <i>Oncogene</i> , 2003, 22, 4531-4542.	5.9	34
38	Divergent Immune Responses to Mycobacterium avium subsp. paratuberculosis Infection Correlate with Kinome Responses at the Site of Intestinal Infection. <i>Infection and Immunity</i> , 2013, 81, 2861-2872.	2.2	33
39	Establishment of fetal bovine intestinal epithelial cell cultures susceptible to bovine rotavirus infection. <i>Journal of Virological Methods</i> , 2008, 148, 182-196.	2.1	32
40	Mucosal dendritic cell subpopulations in the small intestine of newborn calves. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1040-1051.	2.3	31
41	Agents that activate protein kinase C rescue sheep ileal Peyer's patch B cells from apoptosis. <i>European Journal of Immunology</i> , 1993, 23, 1314-1321.	2.9	30
42	Design and delivery of a cryptic PrPC epitope for induction of PrPSc-specific antibody responses. <i>Vaccine</i> , 2010, 28, 981-988.	3.8	29
43	Mucosal dendritic cell diversity in the gastrointestinal tract. <i>Cell and Tissue Research</i> , 2011, 343, 33-41.	2.9	28
44	Effects of lipopolysaccharide exposure in primary bovine ruminal epithelial cells. <i>Journal of Dairy Science</i> , 2020, 103, 9587-9603.	3.4	28
45	Mucosal immune response in newborn Holstein calves that had maternally derived antibodies and were vaccinated with an intranasal multivalent modified-live virus vaccine. <i>Journal of the American Veterinary Medical Association</i> , 2012, 240, 1231-1240.	0.5	26
46	Fetal environment and fetal intestine are sterile during the third trimester of pregnancy. <i>Veterinary Immunology and Immunopathology</i> , 2018, 204, 59-64.	1.2	26
47	Passively acquired membrane proteins alter the functional capacity of bovine polymorphonuclear cells. <i>Journal of Leukocyte Biology</i> , 2006, 80, 481-491.	3.3	24
48	How stress alters immune responses during respiratory infection. <i>Animal Health Research Reviews</i> , 2014, 15, 161-165.	3.1	24
49	Generation and Characterization of <i>Eptesicus fuscus</i> (Big brown bat) kidney cell lines immortalized using the Myotis polyomavirus large T-antigen. <i>Journal of Virological Methods</i> , 2016, 237, 166-173.	2.1	24
50	PCIP-seq: simultaneous sequencing of integrated viral genomes and their insertion sites with long reads. <i>Genome Biology</i> , 2021, 22, 97.	8.8	24
51	Negative signaling by surface IgM on B cells isolated from ileal Peyer's patch follicles of sheep. <i>European Journal of Immunology</i> , 1991, 21, 2281-2284.	2.9	23
52	Kinome analysis of Toll-like receptor signaling in bovine monocytes. <i>Journal of Receptor and Signal Transduction Research</i> , 2009, 29, 299-311.	2.5	23
53	Development of a Multivalent, PrPSc-Specific Prion Vaccine through Rational Optimization of Three Disease-Specific Epitopes. <i>Vaccine</i> , 2014, 32, 1988-1997.	3.8	23
54	Two functionally distinct myeloid dendritic cell subpopulations are present in bovine blood. <i>Developmental and Comparative Immunology</i> , 2014, 44, 378-388.	2.3	23

#	ARTICLE	IF	CITATIONS
55	Development and Function of the Mucosal Immune System in the Upper Respiratory Tract of Neonatal Calves. <i>Annual Review of Animal Biosciences</i> , 2018, 6, 141-155.	7.4	23
56	Marked Differences in Mucosal Immune Responses Induced in Ileal versus Jejunal Peyer's Patches to <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Secreted Proteins following Targeted Enteric Infection in Young Calves. <i>PLoS ONE</i> , 2016, 11, e0158747.	2.5	23
57	Differential expression of mannose-6-phosphate receptor regulates T cell contraction. <i>Journal of Leukocyte Biology</i> , 2015, 98, 313-318.	3.3	22
58	Model systems to analyze the role of miRNAs and commensal microflora in bovine mucosal immune system development. <i>Molecular Immunology</i> , 2015, 66, 57-67.	2.2	21
59	Lambda display phage as a mucosal vaccine delivery vehicle for peptide antigens. <i>Vaccine</i> , 2017, 35, 7256-7263.	3.8	21
60	Investigation of the cause of geographic disparities in IDEXX ELISA sensitivity in serum samples from <i>Mycobacterium bovis</i> -infected cattle. <i>Scientific Reports</i> , 2016, 6, 22763.	3.3	20
61	Age-related changes in the distribution and frequency of myeloid and T cell populations in the small intestine of calves. <i>Cellular Immunology</i> , 2011, 271, 428-437.	3.0	18
62	Kinotypes: stable species- and individual-specific profiles of cellular kinase activity. <i>BMC Genomics</i> , 2013, 14, 854.	2.8	17
63	Accelerated onset of chronic wasting disease in elk (<i>Cervus canadensis</i>) vaccinated with a PrP ^{Sc} -specific vaccine and housed in a prion contaminated environment. <i>Vaccine</i> , 2018, 36, 7737-7743.	3.8	17
64	Cross-reactivity of mAbs to human CD antigens with sheep leukocytes. <i>Veterinary Immunology and Immunopathology</i> , 2007, 119, 115-122.	1.2	16
65	Effects of treatments with Apivar [®] and Thymovar [®] on <i>V. destructor</i> populations, virus infections and indoor winter survival of Canadian honey bee (<i>Apis mellifera</i>) Tj ETQq1 1 0.784314 rgBT /Over		
66	Effects of intradermally administered plasmid deoxyribonucleic acid on ovine popliteal lymph node morphology. <i>The Anatomical Record</i> , 2001, 262, 186-192.	1.8	13
67	Induction of PrP ^{Sc} -specific systemic and mucosal immune responses in white-tailed deer with an oral vaccine for chronic wasting disease. <i>Prion</i> , 2017, 11, 368-380.	1.8	13
68	Identification of a lineage negative cell population in bovine peripheral blood with the ability to mount a strong type I interferon response. <i>Developmental and Comparative Immunology</i> , 2012, 36, 332-341.	2.3	12
69	Safety, specificity and immunogenicity of a PrP ^{Sc} -specific prion vaccine based on the Y181Q disease specific epitope. <i>Prion</i> , 2014, 8, 51-59.	1.8	12
70	Induction of interferon and interferon-induced antiviral effector genes following a primary bovine herpesvirus-1 (BHV-1) respiratory infection. <i>Journal of General Virology</i> , 2017, 98, 1831-1842.	2.9	12
71	Cloning non-transformed sheep B cells. <i>Journal of Immunological Methods</i> , 2000, 237, 19-28.	1.4	11
72	Mucosal vaccination of the newborn: an unrealized opportunity. <i>Expert Review of Vaccines</i> , 2009, 8, 1-3.	4.4	11

#	ARTICLE	IF	CITATIONS
73	Microarray analysis of gene expression following preparation of sterile intestinal loops in calves. <i>Canadian Journal of Animal Science</i> , 2005, 85, 13-22.	1.5	10
74	Cortisol regulates immune and metabolic processes in murine adipocytes and macrophages through HTR2c and HTR5a serotonin receptors. <i>European Journal of Cell Biology</i> , 2018, 97, 483-492.	3.6	10
75	Immune memory induced by intranasal vaccination with a modified-live viral vaccine delivered to colostrum fed neonatal calves. <i>Vaccine</i> , 2019, 37, 7455-7462.	3.8	10
76	A dendritic cell-targeted chimeric hepatitis B virus immunotherapeutic vaccine induces both cellular and humoral immune responses <i>in vivo</i> . <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 779-792.	3.3	10
77	Regional Dichotomy in Enteric Mucosal Immune Responses to a Persistent <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 1020.	4.8	8
78	Regionally Distinct Immune and Metabolic Transcriptional Responses in the Bovine Small Intestine and Draining Lymph Nodes During a Subclinical <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Infection. <i>Frontiers in Immunology</i> , 2021, 12, 760931.	4.8	8
79	Amended recombinant cells (ARCs _{Δ,ϕ}): An economical and surprisingly effective production and delivery vehicle for recombinant bovine IFN- β . <i>Journal of Controlled Release</i> , 2005, 107, 189-202.	9.9	7
80	Kinome profiling of peripheral blood mononuclear cells collected prior to vaccination reveals biomarkers and potential mechanisms of vaccine unresponsiveness in pigs. <i>Scientific Reports</i> , 2020, 10, 11546.	3.3	7
81	Effect of maternal separation and transportation stress on the bovine upper respiratory tract microbiome and the immune response to resident opportunistic pathogens. <i>Animal Microbiome</i> , 2021, 3, 62.	3.8	7
82	A Novel Molecular Complex Expressed on Immature B Cells: A Possible Role in T Cell-Independent B Cell Development. <i>Autoimmunity</i> , 1996, 5, 67-78.	0.6	6
83	Oral DNA immunization in the second trimester fetal lamb and secondary immune responses in the neonate. <i>Vaccine</i> , 2007, 25, 8469-8479.	3.8	5
84	A sheep in wolf's clothes: Can neutrophils direct the immune response?. <i>Veterinary Journal</i> , 2009, 180, 169-177.	1.7	5
85	Predictive biomarkers of cardiovascular disease in adult Canadian population. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1199-1209.	1.9	5
86	A Bovine Enteric <i>Mycobacterium</i> Infection Model to Analyze Parenteral Vaccine-Induced Mucosal Immunity and Accelerate Vaccine Discovery. <i>Frontiers in Immunology</i> , 2020, 11, 586659.	4.8	5
87	Tissue- and age-dependent expression of the bovine DEFB103 gene and protein. <i>Cell and Tissue Research</i> , 2016, 363, 479-490.	2.9	4
88	A Novel Animal Model for Regional Microbial Dysbiosis of the Pioneer Microbial Community. <i>Frontiers in Microbiology</i> , 2019, 10, 1706.	3.5	3
89	Kinome Analysis of Honeybee (<i>Apis mellifera</i> L.) Dark-Eyed Pupae Identifies Biomarkers and Mechanisms of Tolerance to <i>Varroa</i> Mite Infestation. <i>Scientific Reports</i> , 2020, 10, 2117.	3.3	3
90	Innate and acquired immune responses of colostrum-fed neonatal Holstein calves following intranasal vaccination with two commercially available modified-live virus vaccines. <i>Journal of the American Veterinary Medical Association</i> , 2021, 258, 1119-1129.	0.5	3

#	ARTICLE	IF	CITATIONS
91	Identification of a new non-coding exon and haplotype variability in the cattle DEFB103 gene. <i>Gene</i> , 2014, 551, 183-188.	2.2	2
92	Bovine Immune Responses to <i>Moraxella bovis</i> and <i>Moraxella bovoculi</i> Following Vaccination and Natural or Experimental Infections. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2021, 37, 253-266.	1.2	2
93	Innate immunity: complex specificity. <i>Cell and Tissue Research</i> , 2011, 343, 1-4.	2.9	1
94	Natural and inducible regulatory B cells are widely distributed in ovine lymphoid tissues. <i>Veterinary Immunology and Immunopathology</i> , 2019, 211, 44-48.	1.2	0
95	Bovine Adenovirus-3 Tropism for Bovine Leukocyte Sub-Populations. <i>Viruses</i> , 2020, 12, 1431.	3.3	0
96	Adrenergic receptor gene expression in bovine leukocytes. <i>Developmental and Comparative Immunology</i> , 2021, 127, 104271.	2.3	0
97	What Is Required to Develop a Viral Vector Vaccine: Key Components of Vaccine-Induced Immune Responses. , 2021, , 13-19.		0
98	A Bovine Enteric Infection Model to Analyze Parenteral Vaccine-Induced Mucosal Immunity and Accelerate Vaccine Discovery. <i>Frontiers in Immunology</i> , 2020, 11, 586659.	4.8	0
99	Isolation and characterization of eosinophils in bovine blood and small intestine. <i>Veterinary Immunology and Immunopathology</i> , 2021, 242, 110352.	1.2	0