

# Gregers Jungersen

## List of Publications by Year in descending order

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87  
papers

2,969  
citations

201385

27  
h-index

189595

50  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Status of Veterinary Vaccines. <i>Clinical Microbiology Reviews</i> , 2007, 20, 489-510.	5.7	385
2	Intracellular Pathogens: Host Immunity and Microbial Persistence Strategies. <i>Journal of Immunology Research</i> , 2019, 2019, 1-24.	0.9	205
3	Immune markers and correlates of protection for vaccine induced immune responses. <i>Vaccine</i> , 2012, 30, 4907-4920.	1.7	144
4	Recognition of microbial viability via TLR8 drives TFH cell differentiation and vaccine responses. <i>Nature Immunology</i> , 2018, 19, 386-396.	7.0	139
5	EMA and EFSA Joint Scientific Opinion on measures to reduce the need to use antimicrobial agents in animal husbandry in the European Union, and the resulting impacts on food safety (RONAFA). <i>EFSA Journal</i> , 2017, 15, e04666.	0.9	137
6	The Oncopig Cancer Model: An Innovative Large Animal Translational Oncology Platform. <i>Frontiers in Oncology</i> , 2017, 7, 190.	1.3	92
7	Seroprevalence of Brucellosis, Tularemia, and Yersiniosis in Wild Boars ( <i>Sus scrofa</i> ) from North-Eastern Germany. <i>Zoonoses and Public Health</i> , 2005, 52, 444-455.	1.4	90
8	Non-lethal infection parameters in mice separate sheep Type II <i>Toxoplasma gondii</i> isolates by virulence. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2002, 25, 187-195.	0.7	82
9	Bovine NK Cells Can Produce Gamma Interferon in Response to the Secreted Mycobacterial Proteins ESAT-6 and MPP14 but Not in Response to MPB70. <i>Infection and Immunity</i> , 2005, 73, 5628-5635.	1.0	75
10	A review of the human vs. porcine female genital tract and associated immune system in the perspective of using minipigs as a model of human genital Chlamydia infection. <i>Veterinary Research</i> , 2015, 46, 116.	1.1	65
11	<i>Ascaris suum</i> infection negatively affects the response to a <i>Mycoplasma hyopneumoniae</i> vaccination and subsequent challenge infection in pigs. <i>Vaccine</i> , 2009, 27, 5161-5169.	1.7	59
12	Intramuscular Priming and Intranasal Boosting Induce Strong Genital Immunity Through Secretory IgA in Minipigs Infected with <i>Chlamydia trachomatis</i> . <i>Frontiers in Immunology</i> , 2015, 6, 628.	2.2	58
13	Pathogenicity of selected <i>Toxoplasma gondii</i> isolates in young pigs. <i>International Journal for Parasitology</i> , 1999, 29, 1307-1319.	1.3	55
14	Induction of Foot-and-Mouth Disease Virus-Specific Cytotoxic T Cell Killing by Vaccination. <i>Vaccine Journal</i> , 2011, 18, 280-288.	3.2	50
15	A multi-subunit <i>Chlamydia</i> vaccine inducing neutralizing antibodies and strong IFN $\gamma$ CMI responses protects against a genital infection in minipigs. <i>Immunology and Cell Biology</i> , 2016, 94, 185-195.	1.0	48
16	Of Mice, Dogs, Pigs, and Men: Choosing the Appropriate Model for Immuno-Oncology Research. <i>ILAR Journal</i> , 2018, 59, 247-262.	1.8	40
17	Interpretation of the Gamma Interferon Test for Diagnosis of Subclinical Paratuberculosis in Cattle. <i>Vaccine Journal</i> , 2002, 9, 453-460.	3.2	39
18	Immune gene expression in the spleen of chickens experimentally infected with <i>Ascaridia galli</i> . <i>Veterinary Immunology and Immunopathology</i> , 2015, 164, 79-86.	0.5	39

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19	Use of the johnin PPD interferon-gamma assay in control of bovine paratuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2012, 148, 48-54.	0.5	38
20	TRANSPLACENTAL TRANSMISSION OF TOXOPLASMA GONDII IN MINIPIGS INFECTED WITH STRAINS OF DIFFERENT VIRULENCE. <i>Journal of Parasitology</i> , 2001, 87, 108-113.	0.3	37
21	Differentiation between serological responses to <i>Brucella suis</i> and <i>Yersinia enterocolitica</i> serotype O:3 after natural or experimental infection in pigs. <i>Epidemiology and Infection</i> , 2006, 134, 347-357.	1.0	37
22	Experimental <i>Ascaris suum</i> infection in the pig: protective memory response after three immunizations and effect of intestinal adult worm population. <i>Parasite Immunology</i> , 1999, 21, 619-630.	0.7	35
23	Longitudinal study of interferon-gamma, serum antibody and milk antibody responses in cattle infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Veterinary Microbiology</i> , 2004, 104, 43-53.	0.8	35
24	Review of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> antigen candidates with diagnostic potential. <i>Veterinary Microbiology</i> , 2011, 152, 1-20.	0.8	35
25	<i>Ascaridia galli</i> infection influences the development of both humoral and cell-mediated immunity after Newcastle Disease vaccination in chickens. <i>Vaccine</i> , 2014, 32, 383-392.	1.7	33
26	Vaccination of pigs with attenuated <i>Lawsonia intracellularis</i> induced acute phase protein responses and primed cell-mediated immunity without reduction in bacterial shedding after challenge. <i>Vaccine</i> , 2015, 33, 156-162.	1.7	33
27	Serological discrimination by indirect enzyme immunoassay between the antibody response to <i>Brucella</i> sp. and <i>Yersinia enterocolitica</i> O:9 in cattle and pigs. <i>Veterinary Immunology and Immunopathology</i> , 2006, 109, 69-78.	0.5	31
28	Analysis of repeated tests for interferon-gamma (IFN- $\gamma$ ) response and faecal excretion for diagnosis of subclinical paratuberculosis in Danish cattle. <i>Veterinary Immunology and Immunopathology</i> , 2003, 94, 95-103.	0.5	29
29	Evaluation of a novel enzyme-linked immunosorbent assay for serological diagnosis of porcine proliferative enteropathy. <i>Veterinary Microbiology</i> , 2005, 109, 105-112.	0.8	28
30	Co-incubation with IL-18 potentiates antigen-specific IFN- $\gamma$ response in a whole-blood stimulation assay for measurement of cell-mediated immune responses in pigs experimentally infected with <i>Lawsonia intracellularis</i> . <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 257-263.	0.5	28
31	Association between milk antibody and interferon-gamma responses in cattle from <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infected herds. <i>Veterinary Immunology and Immunopathology</i> , 2009, 127, 235-241.	0.5	27
32	Cell-mediated and humoral immune responses in pigs following primary and challenge-exposure to <i>Lawsonia intracellularis</i> . <i>Veterinary Research</i> , 2012, 43, 9.	1.1	27
33	Comparison of parasite-specific immunoglobulin levels in two chicken lines during sustained infection with <i>Ascaridia galli</i> . <i>Veterinary Parasitology</i> , 2013, 191, 187-190.	0.7	26
34	Novel antigens for detection of cell mediated immune responses to <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2011, 143, 46-54.	0.5	25
35	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.	0.5	24
36	Cell-mediated immune responses differentiate infections with <i>Brucella suis</i> from <i>Yersinia enterocolitica</i> serotype O:9 in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2007, 116, 13-25.	0.5	24

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37	Establishing the pig as a large animal model for vaccine development against human cancer. <i>Frontiers in Genetics</i> , 2015, 6, 286.	1.1	24
38	Swine Leukocyte Antigen (SLA) class I allele typing of Danish swine herds and identification of commonly occurring haplotypes using sequence specific low and high resolution primers. <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 108-116.	0.5	22
39	Contribution of the swine model in the study of human sexually transmitted infections. <i>Infection, Genetics and Evolution</i> , 2018, 66, 346-360.	1.0	22
40	Enzyme-Linked Immunospot: An Alternative Method for the Detection of Interferon Gamma in Johne's Disease. <i>Journal of Veterinary Diagnostic Investigation</i> , 2009, 21, 187-196.	0.5	21
41	Identification of cross-reacting T-cell epitopes in structural and non-structural proteins of swine and pandemic H1N1 influenza A virus strains in pigs. <i>Journal of General Virology</i> , 2017, 98, 895-899.	1.3	21
42	Development, characterization and diagnostic application of a monoclonal antibody specific for a proteinase K resistant <i>Lawsonia intracellularis</i> antigen. <i>Veterinary Microbiology</i> , 2005, 105, 199-206.	0.8	20
43	Primary infection protects pigs against re-infection with <i>Lawsonia intracellularis</i> in experimental challenge studies. <i>Veterinary Microbiology</i> , 2011, 149, 406-414.	0.8	20
44	Targeting the Mincle and TLR3 receptor using the dual agonist cationic adjuvant formulation 9 (CAF09) induces humoral and polyfunctional memory T cell responses in calves. <i>PLoS ONE</i> , 2018, 13, e0201253.	1.1	20
45	Sex-manipulated <i>Ascaris suum</i> infections in pigs: implications for reproduction. <i>Parasitology</i> , 1997, 115, 439-442.	0.7	19
46	Identification of peptides from foot-and-mouth disease virus structural proteins bound by class I swine leukocyte antigen (SLA) alleles, SLA*0401 and SLA*0401. <i>Animal Genetics</i> , 2013, 44, 251-258.	0.6	19
47	Low antigen dose formulated in CAF09 adjuvant Favours a cytotoxic T-cell response following intraperitoneal immunization in Göttingen minipigs. <i>Vaccine</i> , 2017, 35, 5629-5636.	1.7	19
48	Experimental Transfer of <i>Ascaris suum</i> from Donor Pigs to Helminth Naive Pigs. <i>Journal of Parasitology</i> , 1996, 82, 752.	0.3	18
49	Identification of swine influenza virus epitopes and analysis of multiple specificities expressed by cytotoxic T cell subsets. <i>Virology Journal</i> , 2014, 11, 163.	1.4	18
50	Repeated examination of natural sapovirus infections in pig litters raised under experimental conditions. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, 60.	0.5	18
51	Sequence-Based Genotyping of Expressed Swine Leukocyte Antigen Class I Alleles by Next-Generation Sequencing Reveal Novel Swine Leukocyte Antigen Class I Haplotypes and Alleles in Belgian, Danish, and Kenyan Fattening Pigs and Göttingen Minipigs. <i>Frontiers in Immunology</i> , 2017, 8, 701.	2.2	18
52	Animal Models for Influenza A Virus Infection Incorporating the Involvement of Innate Host Defenses: Enhanced Translational Value of the Porcine Model. <i>ILAR Journal</i> , 2018, 59, 323-337.	1.8	18
53	Improved Culture Medium (TiKa) for <i>Mycobacterium avium</i> Subspecies Paratuberculosis (MAP) Matches qPCR Sensitivity and Reveals Significant Proportions of Non-viable MAP in Lymphoid Tissue of Vaccinated MAP Challenged Animals. <i>Frontiers in Microbiology</i> , 2016, 7, 2112.	1.5	17
54	Development of patent <i>Ascaris suum</i> infections in pigs following intravenous administration of larvae hatched in vitro. <i>Parasitology</i> , 1999, 119, 503-508.	0.7	16

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55	Use of a novel serum ELISA method and the tonsil-carrier state for evaluation of <i>Mycoplasma hyosynoviae</i> distributions in pig herds with or without clinical arthritis. <i>Veterinary Microbiology</i> , 2005, 111, 41-50.	0.8	16
56	Cell-Mediated and Humoral Immune Responses after Immunization of Calves with a Recombinant Multiantigenic <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Subunit Vaccine at Different Ages. <i>Vaccine Journal</i> , 2013, 20, 551-558.	3.2	15
57	Genetically Induced Tumors in the Oncopig Model Invoke an Antitumor Immune Response Dominated by Cytotoxic CD8 <sup>+</sup> T Cells and Differentiated $\hat{I}$ T Cells Alongside a Regulatory Response Mediated by FOXP3+ T Cells and Immunoregulatory Molecules. <i>Frontiers in Immunology</i> , 2018, 9, 1301.	2.2	15
58	Parasite-specific IL-4 responses in <i>Ascaris suum</i> and <i>Trichuris suis</i> -infected pigs evaluated by ELISPOT. <i>Parasite Immunology</i> , 2007, 29, 535-538.	0.7	14
59	A combined prediction strategy increases identification of peptides bound with high affinity and stability to porcine MHC class I molecules SLA-1*04:01, SLA-2*04:01, and SLA-3*04:01. <i>Immunogenetics</i> , 2016, 68, 157-165.	1.2	14
60	Characterization of the long-term immune response to vaccination against <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in Danish dairy cows. <i>Veterinary Immunology and Immunopathology</i> , 2012, 145, 316-322.	0.5	13
61	Characterisation of an ELISA detecting immunoglobulin G to <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in bovine colostrum. <i>Veterinary Journal</i> , 2013, 197, 889-891.	0.6	12
62	Intrauterine inoculation of minipigs with <i>Chlamydia trachomatis</i> during diestrus establishes a longer lasting infection compared to vaginal inoculation during estrus. <i>Microbes and Infection</i> , 2017, 19, 334-342.	1.0	12
63	No protection in chickens immunized by the oral or intra-muscular immunization route with <i>Ascaridia galli</i> soluble antigen. <i>Avian Pathology</i> , 2013, 42, 276-282.	0.8	11
64	Regional immune responses with stage-specific antigen recognition profiles develop in lymph nodes of pigs following <i>Ascaris suum</i> larval migration. <i>Parasite Immunology</i> , 2001, 23, 185-194.	0.7	10
65	Cytokine gene expression profiles in chicken spleen and intestinal tissues during <i>Ascaridia galli</i> infection. <i>Veterinary Parasitology</i> , 2014, 206, 317-321.	0.7	10
66	Characterization of cytological changes, IgA, IgG and IL-8 levels and pH value in the vagina of prepubertal and sexually mature Ellegaard GÅttingen minipigs during an estrous cycle. <i>Developmental and Comparative Immunology</i> , 2016, 59, 57-62.	1.0	10
67	Revisiting the IFN- $\hat{I}$ release assay: Whole blood or PBMC cultures? And other factors of influence. <i>Journal of Immunological Methods</i> , 2016, 434, 24-31.	0.6	10
68	Prediction and in vitro verification of potential CTL epitopes conserved among PRRSV-2 strains. <i>Immunogenetics</i> , 2017, 69, 689-702.	1.2	10
69	Sensitivity, specificity and predictive value of blood cultures from cattle clinically suspected of bacterial endocarditis. <i>Veterinary Record</i> , 1993, 133, 263-266.	0.2	9
70	Optimization of the agar-gel method for isolation of migrating <i>Ascaris suum</i> larvae from the liver and lungs of pigs. <i>Acta Veterinaria Scandinavica</i> , 2001, 42, 279.	0.5	8
71	Absence of strictly age-related resistance to <i>Mycoplasma hyosynoviae</i> infection in 6-week-old pigs. <i>Veterinary Microbiology</i> , 2008, 130, 385-390.	0.8	8
72	Correlation of antigen-specific IFN- $\hat{I}$ responses of fresh blood samples from <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infected heifers with responses of day-old samples co-cultured with IL-12 or anti-IL-10 antibodies. <i>Veterinary Immunology and Immunopathology</i> , 2012, 147, 69-76.	0.5	8

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73	Expanding specificity of class I restricted CD8+ T cells for viral epitopes following multiple inoculations of swine with a human adenovirus vectored foot-and-mouth disease virus (FMDV) vaccine. <i>Veterinary Immunology and Immunopathology</i> , 2016, 181, 59-67.	0.5	8
74	The Effect of Inactivated Mycobacterium Paratuberculosis Vaccine on the Response to a Heterologous Bacterial Challenge in Pigs. <i>Frontiers in Immunology</i> , 2019, 10, 1557.	2.2	8
75	Increasing the ex vivo antigen-specific IFN- $\gamma$ production in subpopulations of T cells and NKp46+ cells by anti-CD28, anti-CD49d and recombinant IL-12 costimulation in cattle vaccinated with recombinant proteins from Mycobacterium avium subspecies paratuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2013, 155, 276-283.	0.5	7
76	Transfer of maternal immunity to piglets is involved in early protection against Mycoplasma hyosynoviae infection. <i>Veterinary Immunology and Immunopathology</i> , 2017, 183, 22-30.	0.5	7
77	Genital Infiltrations of CD4+ and CD8+ T Lymphocytes, IgA+ and IgG+ Plasma Cells and Intra-Mucosal Lymphoid Follicles Associate With Protection Against Genital Chlamydia trachomatis Infection in Minipigs Intramuscularly Immunized With UV-Inactivated Bacteria Adjuvanted With CAF01. <i>Frontiers in Microbiology</i> , 2019, 10, 197.	1.5	7
78	Novel Adjuvants and Immunomodulators for Veterinary Vaccines. <i>Methods in Molecular Biology</i> , 2016, 1349, 63-82.	0.4	7
79	Investigating the Role of Surface Materials and Three Dimensional Architecture on In Vitro Differentiation of Porcine Monocyte-Derived Dendritic Cells. <i>PLoS ONE</i> , 2016, 11, e0158503.	1.1	7
80	Immunity and Immune Responses to Ascaris Suum in Pigs. , 2002, , 105-124.		6
81	Reduced Virus Load in Lungs of Pigs Challenged with Porcine Reproductive and Respiratory Syndrome Virus after Vaccination with Virus Replicon Particles Encoding Conserved PRRSV Cytotoxic T-Cell Epitopes. <i>Vaccines</i> , 2021, 9, 208.	2.1	1
82	Effect of oral $\alpha$ -tocopherol and zinc on plasma status, IGF-I levels, weight gain and immune response in young calves. <i>Journal of Animal and Feed Sciences</i> , 2004, 13, 609-612.	0.4	1
83	Experimental transfer of Ascaris suum from donor pigs to helminth naive pigs. <i>Journal of Parasitology</i> , 1996, 82, 752-6.	0.3	1
84	Addendum to "Novel antigens for detection of cell mediated immune responses to Mycobacterium avium subsp. paratuberculosis infection in cattle" [Vet. Immunol. Immunopathol. 143 (2011) 46-54]. <i>Veterinary Immunology and Immunopathology</i> , 2012, 146, 296-298.	0.5	0
85	INTRODUCTION: Immune Relevant Animal Models: Opportunities and Challenges. <i>ILAR Journal</i> , 2018, 59, 209-210.	1.8	0
86	Editorial: "Humanized" Large Animal Cancer Models: Accelerating Time and Effectiveness of Clinical Trials. <i>Frontiers in Oncology</i> , 2019, 9, 793.	1.3	0
87	Abstract 1659: Immunological characterization of the Oncopig model and detection of cell-mediated immune responses to cancer. , 2017, , .		0