

Eric Cox

List of Publications by Year in descending order

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142
papers

5,131
citations

94269

37
h-index

118652

62
g-index

149
all docs

149
docs citations

149
times ranked

5322
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological containment of genetically modified <i>Lactococcus lactis</i> for intestinal delivery of human interleukin 10. <i>Nature Biotechnology</i> , 2003, 21, 785-789.	9.4	467
2	Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches. <i>Cell</i> , 2022, 185, 379-396.e38.	13.5	343
3	The IgA system: a comparison of structure and function in different species. <i>Veterinary Research</i> , 2006, 37, 455-467.	1.1	155
4	The role of enterocytes in the intestinal barrier function and antigen uptake. <i>Microbes and Infection</i> , 2005, 7, 997-1004.	1.0	141
5	Structure-Functional Activity Relationship of β -Glucans From the Perspective of Immunomodulation: A Mini-Review. <i>Frontiers in Immunology</i> , 2020, 11, 658.	2.2	125
6	Receptor-Dependent Immune Responses in Pigs after Oral Immunization with F4 Fimbriae. <i>Infection and Immunity</i> , 1999, 67, 520-526.	1.0	124
7	Adjuvants modulating mucosal immune responses or directing systemic responses towards the mucosa. <i>Veterinary Research</i> , 2006, 37, 511-539.	1.1	117
8	Orally fed seeds producing designer IgAs protect weaned piglets against enterotoxigenic <i>Escherichia coli</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11809-11814.	3.3	114
9	Advances in Oral Subunit Vaccine Design. <i>Vaccines</i> , 2021, 9, 1.	2.1	102
10	The effect of β -glucans on porcine leukocytes. <i>Veterinary Immunology and Immunopathology</i> , 2010, 135, 199-207.	0.5	100
11	ETEC vaccination in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 37-42.	0.5	85
12	Vaccines as alternatives to antibiotics for food producing animals. Part 1: challenges and needs. <i>Veterinary Research</i> , 2018, 49, 64.	1.1	84
13	Crossing the barrier: Targeting epithelial receptors for enhanced oral vaccine delivery. <i>Journal of Controlled Release</i> , 2012, 160, 431-439.	4.8	81
14	Enterotoxigenic <i>Escherichia coli</i> (K88) induce proinflammatory responses in porcine intestinal epithelial cells. <i>Developmental and Comparative Immunology</i> , 2010, 34, 1175-1182.	1.0	80
15	Seroepidemiology of <i>Toxoplasma gondii</i> infection in women of child-bearing age in central Ethiopia. <i>BMC Infectious Diseases</i> , 2013, 13, 101.	1.3	79
16	The food contaminant fumonisin B1 reduces the maturation of porcine CD11R1+ intestinal antigen presenting cells and antigen-specific immune responses, leading to a prolonged intestinal ETEC infection. <i>Veterinary Research</i> , 2009, 40, 40.	1.1	79
17	Recognition of Blood Group ABH Type 1 Determinants by the FedF Adhesin of F18-fimbriated <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 9713-9726.	1.6	66
18	Heat-Stable Enterotoxins of Enterotoxigenic <i>Escherichia coli</i> and Their Impact on Host Immunity. <i>Toxins</i> , 2019, 11, 24.	1.5	66

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19	Porcine Sialoadhesin (CD169/Siglec-1) Is an Endocytic Receptor that Allows Targeted Delivery of Toxins and Antigens to Macrophages. <i>PLoS ONE</i> , 2011, 6, e16827.	1.1	65
20	Receptor-specific binding of purified F4 to isolated villi. <i>Veterinary Microbiology</i> , 1999, 68, 255-263.	0.8	61
21	Role of Heat-Stable Enterotoxins in the Induction of Early Immune Responses in Piglets after Infection with Enterotoxigenic <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2012, 7, e41041.	1.1	60
22	Vaccines as alternatives to antibiotics for food producing animals. Part 2: new approaches and potential solutions. <i>Veterinary Research</i> , 2018, 49, 70.	1.1	57
23	Generation of Group-Specific Antibodies against Sulfonamides. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5835-5842.	2.4	54
24	Cell type-specific differences in β -glucan recognition and signalling in porcine innate immune cells. <i>Developmental and Comparative Immunology</i> , 2015, 48, 192-203.	1.0	54
25	Evaluation of the presence and zoonotic transmission of <i>Chlamydia suis</i> in a pig slaughterhouse. <i>BMC Infectious Diseases</i> , 2014, 14, 560.	1.3	52
26	Yeast-secreted, dried and food-admixed monomeric IgA prevents gastrointestinal infection in a piglet model. <i>Nature Biotechnology</i> , 2019, 37, 527-530.	9.4	51
27	Plant-based solutions for veterinary immunotherapeutics and prophylactics. <i>Veterinary Research</i> , 2014, 45, 117.	1.1	50
28	Pork as a source of transmission of <i>Toxoplasma gondii</i> to humans: a parasite burden study in pig tissues after infection with different strains of <i>Toxoplasma gondii</i> as a function of time and different parasite stages. <i>International Journal for Parasitology</i> , 2018, 48, 555-560.	1.3	48
29	Aflatoxin B1 interferes with the antigen-presenting capacity of porcine dendritic cells. <i>Toxicology in Vitro</i> , 2014, 28, 531-537.	1.1	47
30	Influence of porcine intestinal pH and gastric digestion on antigenicity of F4 fimbriae for oral immunisation. <i>Veterinary Microbiology</i> , 2004, 98, 45-53.	0.8	46
31	Structural insight in histo-blood group binding by the F18 fimbrial adhesin FedF. <i>Molecular Microbiology</i> , 2012, 86, 82-95.	1.2	46
32	The case for plant-made veterinary immunotherapeutics. <i>Biotechnology Advances</i> , 2016, 34, 597-604.	6.0	46
33	Prevalence of <i>Escherichia coli</i> O157:H7 in beef cattle at slaughter and beef carcasses at retail shops in Ethiopia. <i>BMC Infectious Diseases</i> , 2017, 17, 277.	1.3	43
34	Specific-Pathogen-Free Pigs as an Animal Model for Studying <i>Chlamydia trachomatis</i> Genital Infection. <i>Infection and Immunity</i> , 2005, 73, 8317-8321.	1.0	41
35	Protection of turkeys against <i>Chlamydia psittaci</i> challenge by gene gun-based DNA immunizations. <i>Vaccine</i> , 1999, 17, 2628-2635.	1.7	40
36	Immunoblotting, ELISA and culture evidence for <i>Chlamydiaceae</i> in sows on 258 Belgian farms. <i>Veterinary Microbiology</i> , 2004, 99, 59-66.	0.8	40

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37	β-2-glucan microparticles targeted to epithelial APN as oral antigen delivery system. <i>Journal of Controlled Release</i> , 2015, 220, 149-159.	4.8	40
38	Bovine innate and adaptive immune responses against <i>Escherichia coli</i> O157:H7 and vaccination strategies to reduce faecal shedding in ruminants. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 109-120.	0.5	36
39	Seroepidemiological study of ovine toxoplasmosis in East and West Shewa Zones of Oromia Regional State, Central Ethiopia. <i>BMC Veterinary Research</i> , 2013, 9, 117.	0.7	35
40	F4+ ETEC infection and oral immunization with F4 fimbriae elicits an IL-17-dominated immune response. <i>Veterinary Research</i> , 2015, 46, 121.	1.1	35
41	Clathrin-mediated endocytosis and transcytosis of enterotoxigenic <i>Escherichia coli</i> F4 fimbriae in porcine intestinal epithelial cells. <i>Veterinary Immunology and Immunopathology</i> , 2010, 137, 243-250.	0.5	34
42	Enhanced induction of the IgA response in pigs by calcitriol after intramuscular immunization. <i>Vaccine</i> , 2001, 19, 1870-1878.	1.7	33
43	Emerging <i>Chlamydia psittaci</i> infections in the chicken industry and pathology of <i>Chlamydia psittaci</i> genotype B and D strains in specific pathogen free chickens. <i>Veterinary Microbiology</i> , 2013, 162, 740-749.	0.8	33
44	Seroepidemiological study of caprine toxoplasmosis in East and West Shewa Zones, Oromia Regional State, Central Ethiopia. <i>Research in Veterinary Science</i> , 2013, 94, 43-48.	0.9	33
45	Development and Validation of a Real-Time PCR for <i>Chlamydia suis</i> Diagnosis in Swine and Humans. <i>PLoS ONE</i> , 2014, 9, e96704.	1.1	33
46	Seroprevalence of anti- <i>Toxoplasma gondii</i> antibodies in Egyptian sheep and goats. <i>BMC Veterinary Research</i> , 2018, 14, 120.	0.7	33
47	High susceptibility prevalence for F4 + and F18 + <i>Escherichia coli</i> in Flemish pigs. <i>Veterinary Microbiology</i> , 2017, 202, 52-57.	0.8	32
48	Production of a Subunit Vaccine Candidate against Porcine Post-Weaning Diarrhea in High-Biomass Transplastomic Tobacco. <i>PLoS ONE</i> , 2012, 7, e42405.	1.1	32
49	Cranberry extract inhibits in vitro adhesion of F4 and F18 + <i>Escherichia coli</i> to pig intestinal epithelium and reduces in vivo excretion of pigs orally challenged with F18 + verotoxigenic <i>E. coli</i> . <i>Veterinary Microbiology</i> , 2017, 202, 64-71.	0.8	30
50	<i>Escherichia coli</i> O157:H7: distribution, molecular characterization, antimicrobial resistance patterns and source of contamination of sheep and goat carcasses at an export abattoir, Mojdo, Ethiopia. <i>BMC Microbiology</i> , 2019, 19, 215.	1.3	30
51	Exposure to the Proton Scavenger Glycine under Alkaline Conditions Induces <i>Escherichia coli</i> Viability Loss. <i>PLoS ONE</i> , 2013, 8, e60328.	1.1	30
52	A more sensitive, efficient and ISO 17025 validated Magnetic Capture real time PCR method for the detection of archetypal <i>Toxoplasma gondii</i> strains in meat. <i>International Journal for Parasitology</i> , 2017, 47, 875-884.	1.3	29
53	Refined Candidate Region for F4ab/ac Enterotoxigenic <i>Escherichia coli</i> Susceptibility Situated Proximal to MUC13 in Pigs. <i>PLoS ONE</i> , 2014, 9, e105013.	1.1	28
54	Isolation and genotyping of viable <i>Toxoplasma gondii</i> from sheep and goats in Ethiopia destined for human consumption. <i>Parasites and Vectors</i> , 2014, 7, 425.	1.0	28

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55	Prevalence and antimicrobial susceptibility of <i>Escherichia coli</i> O157 in beef at butcher shops and restaurants in central Ethiopia. <i>BMC Microbiology</i> , 2017, 17, 49.	1.3	28
56	Randomized field trial on the effects of body weight and short transport on stress and immune variables in 2- to 4-week-old dairy calves. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 1514-1529.	0.6	28
57	Prevalence and relevance of antibodies to type-I and -II collagen in synovial fluid of dogs with cranial cruciate ligament damage. <i>American Journal of Veterinary Research</i> , 2000, 61, 1456-1461.	0.3	27
58	Sera from dams of calves with bovine neonatal pancytopenia contain alloimmune antibodies directed against calf leukocytes. <i>Veterinary Immunology and Immunopathology</i> , 2011, 141, 293-300.	0.5	27
59	Protection of pigs against genital <i>Chlamydia trachomatis</i> challenge by parenteral or mucosal DNA immunization. <i>Vaccine</i> , 2012, 30, 2869-2881.	1.7	27
60	Erythrocyte and Porcine Intestinal Glycosphingolipids Recognized by F4 Fimbriae of Enterotoxigenic <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2011, 6, e23309.	1.1	26
61	Parasite distribution and associated immune response during the acute phase of <i>Toxoplasma gondii</i> infection in sheep. <i>BMC Veterinary Research</i> , 2014, 10, 293.	0.7	26
62	Heterologous prime-boost vaccination with H3N2 influenza viruses of swine favors cross-clade antibody responses and protection. <i>Npj Vaccines</i> , 2017, 2, .	2.9	26
63	Oral immunisation of pigs with fimbrial antigens of enterotoxigenic <i>E. coli</i> : an interesting model to study mucosal immune mechanisms. <i>Veterinary Immunology and Immunopathology</i> , 2002, 87, 287-290.	0.5	25
64	Duality of β -glucan microparticles: antigen carrier and immunostimulants. <i>International Journal of Nanomedicine</i> , 2016, 11, 2463.	3.3	25
65	Protection of turkeys against <i>Chlamydia psittaci</i> challenge by parenteral and mucosal inoculations and the effect of turkey interferon-gamma on genetic immunization. <i>Immunology</i> , 2001, 103, 106-112.	2.0	24
66	F4 receptor-independent priming of the systemic immune system of pigs by low oral doses of F4 fimbriae. <i>Veterinary Immunology and Immunopathology</i> , 2002, 85, 171-178.	0.5	24
67	Evaluation of anticollagen type I antibody titers in synovial fluid of both stifle joints and the left shoulder joint of dogs with unilateral cranial cruciate disease. <i>American Journal of Veterinary Research</i> , 2007, 68, 283-289.	0.3	24
68	Lactoferrin, a versatile natural antimicrobial glycoprotein that modulates the host's innate immunity. <i>Biochemistry and Cell Biology</i> , 2021, 99, 61-65.	0.9	24
69	Adjuvant effect of Gantrez®AN nanoparticles during oral vaccination of piglets against F4+enterotoxigenic <i>Escherichia coli</i> . <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 148-155.	0.5	23
70	Validation of the <i>Chlamydia trachomatis</i> genital challenge pig model for testing recombinant protein vaccines. <i>Journal of Medical Microbiology</i> , 2011, 60, 117-127.	0.7	23
71	Expression and distribution patterns of Mas-related gene receptor subtypes A _H in the mouse intestine: inflammation-induced changes. <i>Histochemistry and Cell Biology</i> , 2013, 139, 639-658.	0.8	23
72	Nanobody Mediated Inhibition of Attachment of F18 Fimbriae Expressing <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2014, 9, e114691.	1.1	23

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73	Fimbrial Subunit Protein FaeG Expressed in Transgenic Tobacco Inhibits the Binding of F4ac Enterotoxigenic Escherichia coli to Porcine Enterocytes. <i>Transgenic Research</i> , 2004, 13, 295-298.	1.3	22
74	Identification of the Porcine C-type lectin dectin-1. <i>Veterinary Immunology and Immunopathology</i> , 2009, 130, 131-134.	0.5	22
75	Varying Effects of Different β -Glucans on the Maturation of Porcine Monocyte-Derived Dendritic Cells. <i>Vaccine Journal</i> , 2011, 18, 1441-1446.	3.2	22
76	Expression of verocytotoxic Escherichia coli antigens in tobacco seeds and evaluation of gut immunity after oral administration in mouse model. <i>Journal of Veterinary Science</i> , 2013, 14, 263.	0.5	22
77	Inhibition of Heat-Stable Toxin-Induced Intestinal Salt and Water Secretion by a Novel Class of Guanylyl Cyclase C Inhibitors. <i>Journal of Infectious Diseases</i> , 2015, 212, 1806-1815.	1.9	22
78	Strain- and Dose-Dependent Reduction of Toxoplasma gondii Burden in Pigs Is Associated with Interferon-Gamma Production by CD8+ Lymphocytes in a Heterologous Challenge Model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 232.	1.8	22
79	Comparison of the Expression Kinetics and Immunostimulatory Activity of Replicating mRNA, Nonreplicating mRNA, and pDNA after Intradermal Electroporation in Pigs. <i>Molecular Pharmaceutics</i> , 2018, 15, 377-384.	2.3	22
80	Acellular porcine and kangaroo aortic valve scaffolds show more intense immune-mediated calcification than cross-linked Toronto SPV(R) valves in the sheep model. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2006, 5, 544-549.	0.5	19
81	Targeting of Escherichia coli F4 fimbriae to Fc γ 3 receptors enhances the maturation of porcine dendritic cells. <i>Veterinary Immunology and Immunopathology</i> , 2010, 135, 188-198.	0.5	19
82	Designing oral vaccines targeting intestinal dendritic cells. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 467-483.	2.4	19
83	The polymeric stability of the Escherichia coli F4 (K88) fimbriae enhances its mucosal immunogenicity following oral immunization. <i>Vaccine</i> , 2008, 26, 5728-5735.	1.7	18
84	Transcytosis of F4 fimbriae by villous and dome epithelia in F4-receptor positive pigs supports importance of receptor-dependent endocytosis in oral immunization strategies. <i>Veterinary Immunology and Immunopathology</i> , 2008, 124, 29-40.	0.5	16
85	Influence of reaction medium during synthesis of Gantrez [®] AN 119 nanoparticles for oral vaccination. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 202-208.	2.0	16
86	Several enteropathogens are circulating in suckling and newly weaned piglets suffering from diarrhea in the province of Villa Clara, Cuba. <i>Tropical Animal Health and Production</i> , 2013, 45, 435-440.	0.5	16
87	Aflatoxins of type B and G affect porcine dendritic cell maturation <i>in vitro</i> . <i>Journal of Immunotoxicology</i> , 2015, 12, 174-180.	0.9	16
88	Glucan particles as suitable carriers for the natural anti-inflammatory compounds curcumin and diplocone – Evaluation in an ex vivo model. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119318.	2.6	16
89	Rectal inoculation of sheep with E. coli O157:H7 results in persistent infection in the absence of a protective immune response. <i>Veterinary Microbiology</i> , 2011, 147, 376-382.	0.8	15
90	High prevalence of F4+ and F18+ Escherichia coli in Cuban piggeries as determined by serological survey. <i>Tropical Animal Health and Production</i> , 2011, 43, 937-946.	0.5	15

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91	One-step spray-dried polyelectrolyte microparticles enhance the antigen cross-presentation capacity of porcine dendritic cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 421-429.	2.0	15
92	Phylogeography of Human and Animal <i>Coxiella burnetii</i> Strains: Genetic Fingerprinting of Q Fever in Belgium. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 625576.	1.8	15
93	Cytokine mRNA expression in synovial fluid of affected and contralateral stifle joints and the left shoulder joint in dogs with unilateral disease of the stifle joint. <i>American Journal of Veterinary Research</i> , 2007, 68, 953-961.	0.3	14
94	Mucosal Vaccination Against Periodontal Disease: Current Status and Opportunities. <i>Frontiers in Immunology</i> , 2021, 12, 768397.	2.2	14
95	Gamma Radiation Alters the Ultrastructure in Tissue-Engineered Heart Valve Scaffolds. <i>Tissue Engineering - Part A</i> , 2009, 15, 3597-3604.	1.6	13
96	Heat-labile enterotoxin of <i>Escherichia coli</i> promotes intestinal colonization of <i>Salmonella enterica</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2015, 43, 1-7.	0.7	13
97	Maternal immunity enhances systemic recall immune responses upon oral immunization of piglets with F4 fimbriae. <i>Veterinary Research</i> , 2015, 46, 72.	1.1	13
98	Antibacterial and immunomodulatory activities of bovine lactoferrin against <i>Escherichia coli</i> O157:H7 infections in cattle. <i>BioMetals</i> , 2018, 31, 321-330.	1.8	13
99	Porcine and Bovine Forms of Lactoferrin Inhibit Growth of Porcine Enterotoxigenic <i>Escherichia coli</i> and Degrade Its Virulence Factors. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	13
100	Porcine small intestinal organoids as a model to explore ETECâ€™host interactions in the gut. <i>Veterinary Research</i> , 2021, 52, 94.	1.1	13
101	The interaction of F4 fimbriae with porcine enterocytes as analysed by surface plasmon resonance. <i>FEMS Immunology and Medical Microbiology</i> , 2004, 41, 243-248.	2.7	12
102	Development of a method for isolating bovine colostrum mononuclear leukocytes for phenotyping and functional studies. <i>Veterinary Journal</i> , 2014, 200, 294-298.	0.6	12
103	Evaluating single-domain antibodies as carriers for targeted vaccine delivery to the small intestinal epithelium. <i>Journal of Controlled Release</i> , 2020, 321, 416-429.	4.8	12
104	Seroprevalence of F4+ enterotoxigenic <i>Escherichia coli</i> in regions with different pig farm densities. <i>Veterinary Microbiology</i> , 1999, 69, 207-216.	0.8	11
105	Optimization of a small intestinal segment perfusion model for heat-stable enterotoxin A induced secretion in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 82-86.	0.5	11
106	The immune response against <i>Chlamydia suis</i> genital tract infection partially protects against re-infection. <i>Veterinary Research</i> , 2014, 45, 95.	1.1	11
107	A double blind, randomized, placebo controlled trial of the efficacy, quality of life and safety of food allergenâ€™specific sublingual immunotherapy in client owned dogs with adverse food reactions: a small pilot study. <i>Veterinary Dermatology</i> , 2016, 27, 361.	0.4	11
108	Toll-like receptor 5-mediated IL-17C expression in intestinal epithelial cells enhances epithelial host defense against F4+ ETEC infection. <i>Veterinary Research</i> , 2019, 50, 48.	1.1	11

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109	Arrival cortisol measurement in veal calves and its association with body weight, protein fractions, animal health and performance. <i>Preventive Veterinary Medicine</i> , 2021, 187, 105251.	0.7	11
110	Î²-Glucan-Induced IL-10 Secretion by Monocytes Triggers Porcine NK Cell Cytotoxicity. <i>Frontiers in Immunology</i> , 2021, 12, 634402.	2.2	11
111	Oral infection with a Shiga toxin-negative <i>Escherichia coli</i> O157:H7 strain elicits humoral and cellular responses but does not protect sheep from colonisation with the homologous strain. <i>Veterinary Microbiology</i> , 2011, 148, 317-322.	0.8	10
112	Maternal colostrum leukocytes appear to enhance cell-mediated recall response, but inhibit humoral recall response in prime-boost vaccinated calves. <i>Journal of Reproductive Immunology</i> , 2016, 113, 68-75.	0.8	10
113	Changes in cytokine profiles following treatment with food allergen-specific sublingual immunotherapy in dogs with adverse food reactions. <i>Veterinary Dermatology</i> , 2017, 28, 612-e149.	0.4	10
114	Food allergen-specific sublingual immunotherapy modulates peripheral T cell responses of dogs with adverse food reactions. <i>Veterinary Immunology and Immunopathology</i> , 2019, 212, 38-42.	0.5	10
115	Beta-glucan's varying structure characteristics modulate survival and immune-related genes expression from <i>Vibrio harveyi</i> -infected <i>Artemia franciscana</i> in gnotobiotic conditions. <i>Fish and Shellfish Immunology</i> , 2020, 102, 307-315.	1.6	10
116	Effects of glycerol-esters of saturated short- and medium chain fatty acids on immune, health and growth variables in veal calves. <i>Preventive Veterinary Medicine</i> , 2020, 178, 104983.	0.7	10
117	Influence of polymer hydrolysis on adjuvant effect of Gantrez®AN nanoparticles: Implications for oral vaccination. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 392-398.	2.0	9
118	Rapid production of a chimeric antibody-antigen fusion protein based on 2A-peptide cleavage and green fluorescent protein expression in CHO cells. <i>MAbs</i> , 2019, 11, 559-568.	2.6	9
119	How genomics can be used to understand host susceptibility to enteric infection, aiding in the development of vaccines and immunotherapeutic interventions. <i>Vaccine</i> , 2019, 37, 4805-4810.	1.7	9
120	Porcine intestinal glycosphingolipids recognized by F6-fimbriated enterotoxigenic <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2014, 76, 51-60.	1.3	8
121	Effects of lactoferrin treatment on <i>Escherichia coli</i> O157:H7 rectal colonization in cattle. <i>Veterinary Microbiology</i> , 2017, 202, 38-46.	0.8	8
122	QuilA-Adjuvanted <i>T. gondii</i> Lysate Antigens Trigger Robust Antibody and IFNÎ³+ T Cell Responses in Pigs Leading to Reduction in Parasite DNA in Tissues Upon Challenge Infection. <i>Frontiers in Immunology</i> , 2019, 10, 2223.	2.2	8
123	Porcine Enterotoxigenic <i>Escherichia coli</i> Strains Differ in Their Capacity To Secrete Enterotoxins through Varying YghG Levels. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	8
124	The FcÎ³ receptor expression profile on porcine dendritic cells depends on the nature of the stimulus. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 43-49.	0.5	7
125	Lactoferrin translocates to the nucleus of bovine rectal epithelial cells in the presence of <i>Escherichia coli</i> O157:H7. <i>Veterinary Research</i> , 2019, 50, 75.	1.1	7
126	Early Kinetics of Intestinal Infection and Immune Responses to Two <i>Toxoplasma gondii</i> Strains in Pigs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 161.	1.8	7

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127	A Systematic Review of Metabolic Alterations Underlying IgE-Mediated Food Allergy in Children. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100536.	1.5	7
128	Effect of fatty acid composition of the sow diet on the innate and adaptive immunity of the piglets after weaning. <i>Veterinary Journal</i> , 2014, 200, 287-293.	0.6	6
129	Supplementation of oligosaccharide-based polymer enhanced growth and disease resistance of weaned pigs by modulating intestinal integrity and systemic immunity. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 10.	2.1	6
130	Use of vitamin B12 in joint lavage for determination of dilution factors of canine synovial fluid. <i>American Journal of Veterinary Research</i> , 2005, 66, 1903-1906.	0.3	5
131	Use of Antibody Responses against Locus of Enterocyte Effacement (LEE)-Encoded Antigens To Monitor Enterohemorrhagic <i>Escherichia coli</i> Infections on Cattle Farms. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3677-3683.	1.4	4
132	Molecular Study of <i>Toxoplasma gondii</i> Isolates Originating from Humans and Organic Pigs in Belgium. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 316-321.	0.8	4
133	Identification of Shigatoxigenic and Enteropathogenic <i>Escherichia coli</i> Serotypes in Healthy Young Dairy Calves in Belgium by Recto-Anal Mucosal Swabbing. <i>Veterinary Sciences</i> , 2020, 7, 167.	0.6	4
134	Characterization and clonal grouping of pathogenic <i>Escherichia coli</i> isolated from intestinal contents of diarrheic piglets in Villa Clara province, Cuba, according to their antibiotic resistance and ERIC-PCR profiles. <i>Veterinary Microbiology</i> , 2012, 154, 425-428.	0.8	3
135	Effects of omega-3 fatty acids on immune, health and growth variables in veal calves. <i>Preventive Veterinary Medicine</i> , 2020, 179, 104979.	0.7	3
136	Adjuvanting Allergen Extracts for Sublingual Immunotherapy: Calcitriol Downregulates CXCL8 Production in Primary Sublingual Epithelial Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1033.	2.2	3
137	Primary porcine CD11R1+ antigen-presenting cells isolated from small intestinal mucosa mature but lose their T cell stimulatory function in response to cholera toxin treatment. <i>Veterinary Immunology and Immunopathology</i> , 2010, 134, 239-248.	0.5	2
138	Variation in 12 porcine genes involved in the carbohydrate moiety assembly of glycosphingolipids does not account for differential binding of F4 <i>Escherichia coli</i> and their fimbriae. <i>BMC Genetics</i> , 2014, 15, 103.	2.7	2
139	Antibody-Mediated Targeting of Antigens to Intestinal Aminopeptidase N Elicits Gut IgA Responses in Pigs. <i>Frontiers in Immunology</i> , 2021, 12, 753371.	2.2	2
140	<i>Chlamydia trachomatis</i> L2c Infection in a Porcine Model Produced Urogenital Pathology and Failed to Induce Protective Immune Responses Against Re-Infection. <i>Frontiers in Immunology</i> , 2020, 11, 555305.	2.2	1
141	Detection of allergen-specific antibody-secreting cells in dogs by ELISPOT. <i>Veterinary Immunology and Immunopathology</i> , 2020, 228, 110101.	0.5	1
142	Intestinal Epithelial Cells Modulate the Production of Enterotoxins by Porcine Enterotoxigenic <i>E. coli</i> Strains. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6589.	1.8	1