

Hyun S Lillehoj

List of Publications by Year in descending order

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262
papers

10,693
citations

31974

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46795

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272
all docs

272
docs citations

272
times ranked

5735
citing authors

#	ARTICLE	IF	CITATIONS
1	The chicken gastrointestinal microbiome. <i>FEMS Microbiology Letters</i> , 2014, 360, 100-112.	1.8	521
2	Alternatives to antibiotics for maximizing growth performance and feed efficiency in poultry: a review. <i>Animal Health Research Reviews</i> , 2017, 18, 26-45.	3.1	468
3	Poultry coccidiosis: recent advancements in control measures and vaccine development. <i>Expert Review of Vaccines</i> , 2006, 5, 143-163.	4.4	436
4	Phytochemicals as antibiotic alternatives to promote growth and enhance host health. <i>Veterinary Research</i> , 2018, 49, 76.	3.0	271
5	Analysis of chicken cytokine and chemokine gene expression following <i>Eimeria acervulina</i> and <i>Eimeria tenella</i> infections. <i>Veterinary Immunology and Immunopathology</i> , 2006, 114, 209-223.	1.2	268
6	Changes in immune-related gene expression and intestinal lymphocyte subpopulations following <i>Eimeria maxima</i> infection of chickens. <i>Veterinary Immunology and Immunopathology</i> , 2006, 114, 259-272.	1.2	212
7	Avian Coccidiosis. A Review of Acquired Intestinal Immunity and Vaccination Strategies. <i>Avian Diseases</i> , 2000, 44, 408.	1.0	208
8	Adjuvant effects of IL-1 β , IL-2, IL-8, IL-15, IFN- γ , IFN- β TGF- β 24 and lymphotactin on DNA vaccination against <i>Eimeria acervulina</i> . <i>Vaccine</i> , 2001, 20, 267-274.	3.8	200
9	Recent Advances in Immunomodulation and Vaccination Strategies Against Coccidiosis. <i>Avian Diseases</i> , 2005, 49, 1-8.	1.0	193
10	Butyrate Enhances Disease Resistance of Chickens by Inducing Antimicrobial Host Defense Peptide Gene Expression. <i>PLoS ONE</i> , 2011, 6, e27225.	2.5	191
11	Immunopathology and Cytokine Responses in Broiler Chickens Coinfected with <i>Eimeria maxima</i> and <i>Clostridium perfringens</i> with the Use of an Animal Model of Necrotic Enteritis. <i>Avian Diseases</i> , 2008, 52, 14-22.	1.0	146
12	Molecular cloning and characterization of chicken lipopolysaccharide-induced TNF- α factor (LITAF). <i>Developmental and Comparative Immunology</i> , 2006, 30, 919-929.	2.3	116
13	Improved resistance to <i>Eimeria acervulina</i> infection in chickens due to dietary supplementation with garlic metabolites. <i>British Journal of Nutrition</i> , 2013, 109, 76-88.	2.3	108
14	Protective Immunity against <i>Eimeria acervulina</i> following In Ovo Immunization with a Recombinant Subunit Vaccine and Cytokine Genes. <i>Infection and Immunity</i> , 2004, 72, 6939-6944.	2.2	105
15	Postnatal development of T-lymphocyte subpopulations in the intestinal intraepithelium and lamina propria in chickens. <i>Veterinary Immunology and Immunopathology</i> , 1992, 31, 347-360.	1.2	102
16	Dietary supplementation of young broiler chickens with <i>Capsicum</i> and turmeric oleoresins increases resistance to necrotic enteritis. <i>British Journal of Nutrition</i> , 2013, 110, 840-847.	2.3	102
17	Resistance to Intestinal Coccidiosis Following DNA Immunization with the Cloned 3-1E <i>Eimeria</i> Gene Plus IL-2, IL-15, and IFN- β . <i>Avian Diseases</i> , 2005, 49, 112-117.	1.0	100
18	<i>Bacillus</i> spp. as direct-fed microbial antibiotic alternatives to enhance growth, immunity, and gut health in poultry. <i>Avian Pathology</i> , 2018, 47, 339-351.	2.0	99

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19	Coccidia: A review of recent advances on immunity and vaccine development. <i>Avian Pathology</i> , 1993, 22, 3-31.	2.0	97
20	<i>Eimeria tenella</i> Infection Induces Local Gamma Interferon Production and Intestinal Lymphocyte Subpopulation Changes. <i>Infection and Immunity</i> , 2000, 68, 1282-1288.	2.2	97
21	Lymphocyte Proliferation Response During <i>Eimeria tenella</i> Infection Assessed by a New, Reliable, Nonradioactive Colorimetric Assay. <i>Avian Diseases</i> , 2002, 46, 10-16.	1.0	94
22	Involvement of T Cell Immunity in Avian Coccidiosis. <i>Frontiers in Immunology</i> , 2019, 10, 2732.	4.8	92
23	A Recombinant <i>Eimeria</i> Protein Inducing Interferon- γ Production: Comparison of Different Gene Expression Systems and Immunization Strategies for Vaccination against Coccidiosis. <i>Avian Diseases</i> , 2000, 44, 379.	1.0	91
24	Nitric Oxide Production by Macrophages Stimulated with Coccidia Sporozoites, Lipopolysaccharide, or Interferon- β , and Its Dynamic Changes in SC and TK Strains of Chickens Infected with <i>Eimeria tenella</i> . <i>Avian Diseases</i> , 2004, 48, 244-253.	1.0	90
25	Comparison of Disease Susceptibility and Subclass-Specific Antibody Response in SC and FP Chickens Experimentally Inoculated with <i>Eimeria tenella</i> , <i>E. acervulina</i> , or <i>E. maxima</i> . <i>Avian Diseases</i> , 1987, 31, 112.	1.0	85
26	CpG-induced immunomodulation and intracellular bacterial killing in a chicken macrophage cell line. <i>Developmental and Comparative Immunology</i> , 2003, 27, 823-834.	2.3	85
27	Effects of <i>Pediococcus</i> - and <i>Saccharomyces</i> -based probiotic (MitoMax [®]) on coccidiosis in broiler chickens. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2007, 30, 261-268.	1.6	84
28	Direct-Fed Microbials and Their Impact on the Intestinal Microflora and Immune System of Chickens. <i>Journal of Poultry Science</i> , 2010, 47, 106-114.	1.6	84
29	Effects of dietary supplementation with phytonutrients on vaccine-stimulated immunity against infection with <i>Eimeria tenella</i> . <i>Veterinary Parasitology</i> , 2011, 181, 97-105.	1.8	83
30	Induction of local protective immunity to <i>Eimeria acervulina</i> by a <i>Lactobacillus</i> -based probiotic. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2005, 28, 351-361.	1.6	81
31	Vaccination with <i>Clostridium perfringens</i> recombinant proteins in combination with Montanide [®] , ISA 71 VG adjuvant increases protection against experimental necrotic enteritis in commercial broiler chickens. <i>Vaccine</i> , 2012, 30, 5401-5406.	3.8	81
32	Immune response during coccidiosis in SC and FP chickens. I. assessment of T cell proliferation response to stage-specific parasite antigens. <i>Veterinary Immunology and Immunopathology</i> , 1986, 13, 321-330.	1.2	80
33	Genetic control of immunity to <i>Eimeria tenella</i> . Interaction of MHC genes and non-MHC linked genes influences levels of disease susceptibility in chickens. <i>Veterinary Immunology and Immunopathology</i> , 1989, 20, 135-148.	1.2	80
34	Dietary <i>Curcuma longa</i> enhances resistance against <i>Eimeria maxima</i> and <i>Eimeria tenella</i> infections in chickens. <i>Poultry Science</i> , 2013, 92, 2635-2643.	3.4	78
35	Immune modulation of innate immunity as alternatives-to-antibiotics strategies to mitigate the use of drugs in poultry production. <i>Poultry Science</i> , 2012, 91, 1286-1291.	3.4	75
36	The Effects of Direct-fed Microbial Supplementation, as an Alternative to Antibiotics, on Growth Performance, Intestinal Immune Status, and Epithelial Barrier Gene Expression in Broiler Chickens. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 397-405.	3.9	75

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37	vaccination with the EtMIC2 gene induces protective immunity against coccidiosis. <i>Vaccine</i> , 2005, 23, 3733-3740.	3.8	74
38	Effects of dietary plant-derived phytonutrients on the genome-wide profiles and coccidiosis resistance in the broiler chickens. <i>BMC Proceedings</i> , 2011, 5, S34.	1.6	74
39	Recent progress in host immunity to avian coccidiosis: IL-17 family cytokines as sentinels of the intestinal mucosa. <i>Developmental and Comparative Immunology</i> , 2013, 41, 418-428.	2.3	70
40	Molecular cloning and characterization of chicken NK-lysin. <i>Veterinary Immunology and Immunopathology</i> , 2006, 110, 339-347.	1.2	67
41	Effect of Bacillus-based direct-fed microbials on Eimeria maxima infection in broiler chickens. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2010, 33, e105-e110.	1.6	67
42	Immune modulation by Bacillus subtilis-based direct-fed microbials in commercial broiler chickens. <i>Animal Feed Science and Technology</i> , 2015, 200, 76-85.	2.2	67
43	Characterization of intestinal immune response to Clostridium perfringens infection in broiler chickens. <i>Poultry Science</i> , 2019, 98, 188-198.	3.4	65
44	Effect of Dietary Curcuma, Capsicum, and Lentinus, on Enhancing Local Immunity against Eimeria acervulina Infection. <i>Journal of Poultry Science</i> , 2010, 47, 89-95.	1.6	64
45	Differential responses of macrophages to Salmonella enterica serovars Enteritidis and Typhimurium. <i>Veterinary Immunology and Immunopathology</i> , 2005, 107, 327-335.	1.2	62
46	Dietary Capsicum and Curcuma longa oleoresins increase intestinal microbiome and necrotic enteritis in three commercial broiler breeds. <i>Research in Veterinary Science</i> , 2015, 102, 150-158.	1.9	62
47	Immunity, immunomodulation, and antibiotic alternatives to maximize the genetic potential of poultry for growth and disease response. <i>Animal Feed Science and Technology</i> , 2019, 250, 41-50.	2.2	61
48	Immune-Related Gene Expression in Two B-Complex Disparate Genetically Inbred Fayoumi Chicken Lines Following Eimeria maxima Infection. <i>Poultry Science</i> , 2008, 87, 433-443.	3.4	60
49	The effects of dietary Bacillus subtilis supplementation, as an alternative to antibiotics, on growth performance, intestinal immunity, and epithelial barrier integrity in broiler chickens infected with Eimeria maxima. <i>Poultry Science</i> , 2020, 99, 725-733.	3.4	58
50	Unique responses of the avian macrophage to different species of Eimeria. <i>Molecular Immunology</i> , 2007, 44, 558-566.	2.2	57
51	Eimeria tenella and E. acervulina: Lymphokines secreted by an avian T cell lymphoma or by sporozoite-stimulated immune T lymphocytes protect chickens against avian coccidiosis. <i>Experimental Parasitology</i> , 1989, 69, 54-64.	1.2	55
52	Cinnamaldehyde enhances <i>in vitro</i> parameters of immunity and reduces <i>in vivo</i> infection against avian coccidiosis. <i>British Journal of Nutrition</i> , 2011, 106, 862-869.	2.3	55
53	EMBRYO VACCINATION AGAINST EIMERIA TENELLA AND E. ACERVULINA INFECTIONS USING RECOMBINANT PROTEINS AND CYTOKINE ADJUVANTS. <i>Journal of Parasitology</i> , 2005, 91, 666-673.	0.7	54
54	<i>In vitro</i> effects of plant and mushroom extracts on immunological function of chicken lymphocytes and macrophages. <i>British Poultry Science</i> , 2010, 51, 213-221.	1.7	53

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55	<i>Eimeria maxima</i> recombinant Gam82 gametocyte antigen vaccine protects against coccidiosis and augments humoral and cell-mediated immunity. <i>Vaccine</i> , 2010, 28, 2980-2985.	3.8	53
56	Comparative natural killer cell activities of thymic, bursal, splenic and intestinal intraepithelial lymphocytes of chickens. <i>Developmental and Comparative Immunology</i> , 1988, 12, 629-643.	2.3	52
57	<i>Eimeria acervulina</i> : DNA cloning and characterization of recombinant sporozoite and merozoite antigens. <i>Experimental Parasitology</i> , 1988, 66, 96-107.	1.2	51
58	Immunoenhancing effects of Montanide [®] , ISA oil-based adjuvants on recombinant coccidia antigen vaccination against <i>Eimeria acervulina</i> infection. <i>Veterinary Parasitology</i> , 2010, 172, 221-228.	1.8	51
59	<i>Bacillus subtilis</i> -based direct-fed microbials augment macrophage function in broiler chickens. <i>Research in Veterinary Science</i> , 2011, 91, e87-e91.	1.9	51
60	Effects of salinomycin and <i>Bacillus subtilis</i> on growth performance and immune responses in broiler chickens. <i>Research in Veterinary Science</i> , 2014, 97, 304-308.	1.9	51
61	Kinetic Differences in Intestinal and Systemic Interferon- γ and Antigen-Specific Antibodies in Chickens Experimentally Infected with <i>Eimeria maxima</i> . <i>Avian Diseases</i> , 2000, 44, 305.	1.0	50
62	Intestinal Immunomodulation by Vitamin A Deficiency and Lactobacillus-Based Probiotic in <i>Eimeria acervulina</i> -Infected Broiler Chickens. <i>Avian Diseases</i> , 2003, 47, 1313-1320.	1.0	50
63	Role of Physiology, Immunity, Microbiota, and Infectious Diseases in the Gut Health of Poultry. <i>Vaccines</i> , 2022, 10, 172.	4.4	50
64	<i>In Vivo</i> Effects of CpG Oligodeoxynucleotide on <i>Eimeria</i> Infection in Chickens. <i>Avian Diseases</i> , 2004, 48, 783-790.	1.0	48
65	Transforming growth factor- β isoforms in the developing chicken intestine and spleen: increase in transforming growth factor- β 4 with coccidia infection. <i>Veterinary Immunology and Immunopathology</i> , 1997, 55, 321-339.	1.2	47
66	Vaccines against the avian enteropathogens <i>Eimeria</i> , <i>Cryptosporidium</i> and <i>Salmonella</i> . <i>Animal Health Research Reviews</i> , 2000, 1, 47-65.	3.1	47
67	Prevalence and Cross-Immunity of <i>Eimeria</i> Species on Korean Chicken Farms. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 985-989.	0.9	47
68	Chicken IL-17F: Identification and comparative expression analysis in <i>Eimeria</i> -infected chickens. <i>Developmental and Comparative Immunology</i> , 2012, 38, 401-409.	2.3	47
69	Passive immunization with hyperimmune egg-yolk IgY as prophylaxis and therapy for poultry diseases – A review. <i>Animal Health Research Reviews</i> , 2015, 16, 163-176.	3.1	46
70	Coccidiosis: Recent Progress in Host Immunity and Alternatives to Antibiotic Strategies. <i>Vaccines</i> , 2022, 10, 215.	4.4	46
71	Protective effects of Aloe vera-based diets in <i>Eimeria maxima</i> -infected broiler chickens. <i>Experimental Parasitology</i> , 2011, 127, 322-325.	1.2	45
72	Application of biotechnological tools for coccidia vaccine development. <i>Journal of Veterinary Science</i> , 2004, 5, 279.	1.3	44

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73	RNA-seq Profiles of Immune Related Genes in the Spleen of Necrotic Enteritis-afflicted Chicken Lines. Asian-Australasian Journal of Animal Sciences, 2015, 28, 1496-1511.	2.4	44
74	Eimeria acervulina: Evaluation of the cellular and antibody responses to the recombinant coccidial antigens in B-congenic chickens. Experimental Parasitology, 1988, 67, 148-158.	1.2	41
75	Chicken IFN- γ monoclonal antibodies and their application in enzyme-linked immunosorbent assay. Veterinary Immunology and Immunopathology, 2000, 73, 297-308.	1.2	40
76	Functions exerted by the virulence-associated type-three secretion systems during <i>Salmonella enterica</i> serovar Enteritidis invasion into and survival within chicken oviduct epithelial cells and macrophages. Avian Pathology, 2009, 38, 97-106.	2.0	40
77	An outbreak of gangrenous dermatitis in commercial broiler chickens. Avian Pathology, 2010, 39, 247-253.	2.0	40
78	Differential regulation of microRNA transcriptome in chicken lines resistant and susceptible to necrotic enteritis disease. Poultry Science, 2014, 93, 1383-1395.	3.4	40
79	Evaluation of the Immunomodulatory Activity of the Chicken NK-Lysin-Derived Peptide cNK-2. Scientific Reports, 2017, 7, 45099.	3.3	40
80	Immunomodulatory properties of dietary plum on coccidiosis. Comparative Immunology, Microbiology and Infectious Diseases, 2008, 31, 389-402.	1.6	38
81	Effects of anticoccidial and antibiotic growth promoter programs on broiler performance and immune status. Research in Veterinary Science, 2012, 93, 721-728.	1.9	38
82	Immune effects of dietary anethole on Eimeria acervulina infection. Poultry Science, 2013, 92, 2625-2634.	3.4	38
83	Elongation Factor-1 β Is a Novel Protein Associated with Host Cell Invasion and a Potential Protective Antigen of Cryptosporidium parvum. Journal of Biological Chemistry, 2013, 288, 34111-34120.	3.4	38
84	Characterisation of macrophage migration inhibitory factor from Eimeria species infectious to chickens. Molecular and Biochemical Parasitology, 2007, 151, 173-183.	1.1	37
85	In vivo Role of Tumor Necrosis-Like Factor in Eimeria tenella Infection. Avian Diseases, 1995, 39, 859.	1.0	36
86	Montanide α , ISA 71 VG adjuvant enhances antibody and cell-mediated immune responses to profilin subunit antigen vaccination and promotes protection against Eimeria acervulina and Eimeria tenella. Experimental Parasitology, 2011, 127, 178-183.	1.2	35
87	Relative Disease Susceptibility and Clostridial Toxin Antibody Responses in Three Commercial Broiler Lines Coinfected with Clostridium perfringens and Eimeria maxima Using an Experimental Model of Necrotic Enteritis. Avian Diseases, 2013, 57, 684-687.	1.0	35
88	Characterization of <i>Clostridium perfringens</i> Strains Isolated from Healthy and Necrotic Enteritis-Afflicted Broiler Chickens. Avian Diseases, 2017, 61, 178-185.	1.0	35
89	Host Immunity and Vaccine Development to Coccidia and <i>Salmonella</i> Infections in Chickens. Journal of Poultry Science, 2003, 40, 151-193.	1.6	34
90	Expressed Sequence Tag Analysis of <i>Eimeria</i> -Stimulated Intestinal Intraepithelial Lymphocytes in Chickens. Molecular Biotechnology, 2005, 30, 143-150.	2.4	34

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91	Differential reactive oxygen and nitrogen production and clearance of Salmonella serovars by chicken and mouse macrophages. <i>Developmental and Comparative Immunology</i> , 2006, 30, 942-953.	2.3	34
92	The effects of a novel adjuvant complex/Eimeria profilin vaccine on the intestinal host immune response against live E. acervulina challenge infection. <i>Vaccine</i> , 2010, 28, 6498-6504.	3.8	34
93	Montanide [®] , ϕ IMS 1313 N VG PR nanoparticle adjuvant enhances antigen-specific immune responses to profilin following mucosal vaccination against Eimeria acervulina. <i>Veterinary Parasitology</i> , 2011, 182, 163-170.	1.8	34
94	Salmonella Enteritidis [®] Induced Alteration of Inflammatory CXCL Chemokine Messenger-RNA Expression and Histologic Changes in the Ceca of Infected Chicks. <i>Avian Diseases</i> , 2008, 52, 229-234.	1.0	33
95	Immunostimulatory effects of oriental plum (Prunus salicina Lindl.). <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2009, 32, 407-417.	1.6	32
96	Avian follicular and interdigitating dendritic cells: Isolation and morphologic, phenotypic, and functional analyses. <i>Veterinary Immunology and Immunopathology</i> , 2009, 129, 66-75.	1.2	32
97	Eimeria acervulina: Cloning of a cDNA encoding an immunogenic region of several related merozoite surface and rhoptry proteins. <i>Experimental Parasitology</i> , 1990, 70, 353-362.	1.2	31
98	Characterization of a Chicken Monoclonal Antibody That Recognizes the Apical Complex of Eimeria acervulina Sporozoites and Partially Inhibits Sporozoite Invasion of CD8 + T Lymphocytes In vitro. <i>Journal of Parasitology</i> , 1996, 82, 82.	0.7	31
99	Functional characterization of tumor necrosis factor superfamily 15 (TNFSF15) induced by lipopolysaccharides and Eimeria infection. <i>Developmental and Comparative Immunology</i> , 2007, 31, 934-944.	2.3	31
100	Cloning and functional characterization of chicken interleukin-17D. <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 1-8.	1.2	31
101	Identification and cloning of two immunogenic Clostridium perfringens proteins, elongation factor Tu (EF-Tu) and pyruvate:ferredoxin oxidoreductase (PFO) of C. perfringens. <i>Research in Veterinary Science</i> , 2011, 91, e80-e86.	1.9	31
102	Vaccination with Eimeria tenella elongation factor-1 \pm recombinant protein induces protective immunity against E. tenella and E. maxima infections. <i>Veterinary Parasitology</i> , 2017, 243, 79-84.	1.8	31
103	Embryo vaccination of chickens using a novel adjuvant formulation stimulates protective immunity against Eimeria maxima infection. <i>Vaccine</i> , 2010, 28, 7774-7778.	3.8	30
104	The role of host genetic factors and host immunity in necrotic enteritis. <i>Avian Pathology</i> , 2016, 45, 313-316.	2.0	30
105	Dietary Antibiotic Growth Promoters Down-Regulate Intestinal Inflammatory Cytokine Expression in Chickens Challenged With LPS or Co-infected With Eimeria maxima and Clostridium perfringens. <i>Frontiers in Veterinary Science</i> , 2019, 6, 420.	2.2	30
106	Antimicrobial Activity of Chicken NK-Lysin Against Eimeria Sporozoites. <i>Avian Diseases</i> , 2008, 52, 302-305.	1.0	29
107	Interleukin-4 (IL-4) may regulate alternative activation of macrophage-like cells in chickens: A sequential study using novel and specific neutralizing monoclonal antibodies against chicken IL-4. <i>Veterinary Immunology and Immunopathology</i> , 2018, 205, 72-82.	1.2	29
108	Production and characterization of monoclonal antibodies detecting chicken interleukin-2 and the development of an antigen capture enzyme-linked immunosorbent assay. <i>Veterinary Immunology and Immunopathology</i> , 2001, 80, 245-257.	1.2	28

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109	Evaluation of Montanideâ„¢ ISA 71 VG Adjuvant during Profilin Vaccination against Experimental Coccidiosis. <i>PLoS ONE</i> , 2013, 8, e59786.	2.5	27
110	Downregulation of Chicken Interleukin-17 Receptor A during <i>Eimeria</i> Infection. <i>Infection and Immunity</i> , 2014, 82, 3845-3854.	2.2	27
111	Immunopathology and cytokine responses in commercial broiler chickens with gangrenous dermatitis. <i>Avian Pathology</i> , 2010, 39, 255-264.	2.0	26
112	Parasiticidal activity of a novel synthetic peptide from the core α -helical region of NK-lysin. <i>Veterinary Parasitology</i> , 2013, 197, 113-121.	1.8	26
113	Differentially expressed JAK-STAT signaling pathway genes and target microRNAs in the spleen of necrotic enteritis-afflicted chicken lines. <i>Research in Veterinary Science</i> , 2017, 115, 235-243.	1.9	26
114	Characterization of Virulent netB+/tpeL+ <i>Clostridium perfringens</i> Strains from Necrotic Enteritis-Affected Broiler Chicken Farms. <i>Avian Diseases</i> , 2019, 63, 461.	1.0	26
115	Mucosal immunity against <i>Eimeria acervulina</i> infection in broiler chickens following oral immunization with profilin in Montanideâ„¢ adjuvants. <i>Experimental Parasitology</i> , 2011, 129, 36-41.	1.2	25
116	Indole Treatment Alleviates Intestinal Tissue Damage Induced by Chicken Coccidiosis Through Activation of the Aryl Hydrocarbon Receptor. <i>Frontiers in Immunology</i> , 2019, 10, 560.	4.8	25
117	Dietary Supplementation With <i>Bacillus subtilis</i> Direct-Fed Microbials Alters Chicken Intestinal Metabolite Levels. <i>Frontiers in Veterinary Science</i> , 2020, 7, 123.	2.2	25
118	Growth-Promoting and Antioxidant Effects of Magnolia Bark Extract in Chickens Uninfected or Co-Infected with <i>Clostridium perfringens</i> and <i>Eimeria maxima</i> as an Experimental Model of Necrotic Enteritis. <i>Current Developments in Nutrition</i> , 2018, 2, nzy009.	0.3	24
119	Beneficial effects of dietary supplementation of <i>Bacillus</i> strains on growth performance and gut health in chickens with mixed coccidiosis infection. <i>Veterinary Parasitology</i> , 2020, 277, 109009.	1.8	24
120	Development and characterization of monoclonal antibodies to chicken interleukin-15. <i>Veterinary Immunology and Immunopathology</i> , 2002, 88, 49-56.	1.2	23
121	Isolation of chicken follicular dendritic cells. <i>Journal of Immunological Methods</i> , 2008, 334, 59-69.	1.4	23
122	Effects of dietary selenium on host response to necrotic enteritis in young broilers. <i>Research in Veterinary Science</i> , 2015, 98, 66-73.	1.9	23
123	Detection of chicken interleukin-10 production in intestinal epithelial cells and necrotic enteritis induced by <i>Clostridium perfringens</i> using capture ELISA. <i>Veterinary Immunology and Immunopathology</i> , 2018, 204, 52-58.	1.2	23
124	Transcriptional Profiles of Host-Pathogen Responses to Necrotic Enteritis and Differential Regulation of Immune Genes in Two Inbred Chicken Lines Showing Disparate Disease Susceptibility. <i>PLoS ONE</i> , 2014, 9, e114960.	2.5	23
125	cDNA encoding an immunogenic region of a 22 kilodalton surface protein of <i>Eimeria acervulina</i> sporozoites. <i>Molecular and Biochemical Parasitology</i> , 1989, 32, 153-161.	1.1	21
126	Avian Gut-Associated Immune System: Implication in Coccidial Vaccine Development. <i>Poultry Science</i> , 1993, 72, 1306-1311.	3.4	21

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127	High-throughput sequencing reveals differing immune responses in the intestinal mucosa of two inbred lines afflicted with necrotic enteritis. <i>Veterinary Immunology and Immunopathology</i> , 2015, 166, 116-124.	1.2	21
128	Effects of <i>Eimeria maxima</i> and <i>Clostridium perfringens</i> infections on cecal microbial composition and the possible correlation with body weight gain in broiler chickens. <i>Research in Veterinary Science</i> , 2020, 132, 142-149.	1.9	21
129	Oral Delivery of <i>Bacillus subtilis</i> Expressing Chicken NK-2 Peptide Protects Against <i>Eimeria acervulina</i> Infection in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2021, 8, 684818.	2.2	21
130	Kinetics of interleukin-2 production in chickens infected with <i>Eimeria tenella</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2002, 25, 149-158.	1.6	20
131	Construction and application of an avian intestinal intraepithelial lymphocyte cDNA microarray (AVIELA) for gene expression profiling during <i>Eimeria maxima</i> infection. <i>Veterinary Immunology and Immunopathology</i> , 2008, 124, 341-354.	1.2	20
132	Association of resistance to avian coccidiosis with single nucleotide polymorphisms in the zyxin gene. <i>Poultry Science</i> , 2009, 88, 511-518.	3.4	20
133	Comparison of live <i>Eimeria</i> vaccination with in-feed salinomycin on growth and immune status in broiler chickens. <i>Research in Veterinary Science</i> , 2013, 95, 110-114.	1.9	20
134	Immune and anti-oxidant effects of in ovo selenium proteinate on post-hatch experimental avian necrotic enteritis. <i>Veterinary Parasitology</i> , 2014, 206, 115-122.	1.8	20
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