# Hyun S Lillehoj

## List of Publications by Citations



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| 259 papers | 7,972 citations | 48 h-index | 76 g-index |
| 272 ext. papers | 9,365 ext. citations | 2.7 avg, IF | 6.22 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 259 | Poultry coccidiosis: recent advancements in control measures and vaccine development. *Expert Review of Vaccines*, **2006**, 5, 143-63 | 5.2 | 351 |
| 258 | The chicken gastrointestinal microbiome. *FEMS Microbiology Letters*, **2014**, 360, 100-12 | 2.9 | 328 |
| 257 | Alternatives to antibiotics for maximizing growth performance and feed efficiency in poultry: a review. *Animal Health Research Reviews*, **2017**, 18, 26-45 | 2.1 | 272 |
| 256 | Analysis of chicken cytokine and chemokine gene expression following Eimeria acervulina and Eimeria tenella infections. *Veterinary Immunology and Immunopathology*, **2006**, 114, 209-23 | 2 | 210 |
| 255 | Avian Coccidiosis. A Review of Acquired Intestinal Immunity and Vaccination Strategies. *Avian Diseases*, **2000**, 44, 408 | 1.6 | 185 |
| 254 | Adjuvant effects of IL-1beta, IL-2, IL-8, IL-15, IFN-alpha, IFN-gamma TGF-beta4 and lymphotactin on DNA vaccination against Eimeria acervulina. *Vaccine*, **2001**, 20, 267-74 | 4.1 | 179 |
| 253 | Changes in immune-related gene expression and intestinal lymphocyte subpopulations following Eimeria maxima infection of chickens. *Veterinary Immunology and Immunopathology*, **2006**, 114, 259-72 | 2 | 167 |
| 252 | Recent advances in immunomodulation and vaccination strategies against coccidiosis. *Avian Diseases*, **2005**, 49, 1-8 | 1.6 | 154 |
| 251 | Phytochemicals as antibiotic alternatives to promote growth and enhance host health. *Veterinary Research*, **2018**, 49, 76 | 3.8 | 144 |
| 250 | Butyrate enhances disease resistance of chickens by inducing antimicrobial host defense peptide gene expression. *PLoS ONE*, **2011**, 6, e27225 | 3.7 | 143 |
| 249 | Immunopathology and cytokine responses in broiler chickens coinfected with Eimeria maxima and Clostridium perfringens with the use of an animal model of necrotic enteritis. *Avian Diseases*, **2008**, 52, 14-22 | 1.6 | 128 |
| 248 | Molecular cloning and characterization of chicken lipopolysaccharide-induced TNF-alpha factor (LITAF). *Developmental and Comparative Immunology*, **2006**, 30, 919-29 | 3.2 | 106 |
| 247 | Protective immunity against Eimeria acervulina following in ovo immunization with a recombinant subunit vaccine and cytokine genes. *Infection and Immunity*, **2004**, 72, 6939-44 | 3.7 | 91 |
| 246 | Postnatal development of T-lymphocyte subpopulations in the intestinal intraepithelium and lamina propria in chickens. *Veterinary Immunology and Immunopathology*, **1992**, 31, 347-60 | 2 | 88 |
| 245 | Resistance to intestinal coccidiosis following DNA immunization with the cloned 3-1E Eimeria gene plus IL-2, IL-15, and IFN-gamma. *Avian Diseases*, **2005**, 49, 112-7 | 1.6 | 85 |
| 244 | Lymphocyte proliferation response during Eimeria tenella infection assessed by a new, reliable, nonradioactive colorimetric assay. *Avian Diseases*, **2002**, 46, 10-6 | 1.6 | 85 |
| 243 | Eimeria tenella infection induces local gamma interferon production and intestinal lymphocyte subpopulation changes. *Infection and Immunity*, **2000**, 68, 1282-8 | 3.7 | 85 |

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| 242 | Nitric oxide production by macrophages stimulated with Coccidia sporozoites, lipopolysaccharide, or interferon-gamma, and its dynamic changes in SC and TK strains of chickens infected with Eimeria tenella. *Avian Diseases*, **2004**, 48, 244-53 | 1.6 | 81 |
| 241 | A Recombinant Eimeria Protein Inducing Interferon-g Production: Comparison of Different Gene Expression Systems and Immunization Strategies for Vaccination against Coccidiosis. *Avian Diseases* , **2000**, 44, 379 | 1.6 | 81 |
| 240 | Coccidia: a review of recent advances on immunity and vaccine development. *Avian Pathology*, **1993** , 22, 3-31 | 2.4 | 81 |
| 239 | CpG-induced immunomodulation and intracellular bacterial killing in a chicken macrophage cell line. *Developmental and Comparative Immunology*, **2003**, 27, 823-34 | 3.2 | 80 |
| 238 | Improved resistance to Eimeria acervulina infection in chickens due to dietary supplementation with garlic metabolites. *British Journal of Nutrition*, **2013**, 109, 76-88 | 3.6 | 75 |
| 237 | Direct-Fed Microbials and Their Impact on the Intestinal Microflora and Immune System of Chickens. *Journal of Poultry Science*, **2010**, 47, 106-114 | 1.6 | 73 |
| 236 | Effects of Pediococcus- and Saccharomyces-based probiotic (MitoMax) on coccidiosis in broiler chickens. *Comparative Immunology, Microbiology and Infectious Diseases*, **2007**, 30, 261-8 | 2.6 | 72 |
| 235 | Comparison of Disease Susceptibility and Subclass-Specific Antibody Response in SC and FP Chickens Experimentally Inoculated with Eimeria tenella, E. acervulina, or E. maxima. *Avian Diseases*, **1987**, 31, 112 | 1.6 | 72 |
| 234 | Dietary supplementation of young broiler chickens with Capsicum and turmeric oleoresins increases resistance to necrotic enteritis. *British Journal of Nutrition*, **2013**, 110, 840-7 | 3.6 | 71 |
| 233 | Effects of dietary supplementation with phytonutrients on vaccine-stimulated immunity against infection with Eimeria tenella. *Veterinary Parasitology*, **2011**, 181, 97-105 | 2.8 | 71 |
| 232 | In ovo vaccination with the Eimeria tenella EtMIC2 gene induces protective immunity against coccidiosis. *Vaccine*, **2005**, 23, 3733-40 | 4.1 | 67 |
| 231 | Genetic control of immunity to Eimeria tenella. Interaction of MHC genes and non-MHC linked genes influences levels of disease susceptibility in chickens. *Veterinary Immunology and Immunopathology*, **1989**, 20, 135-48 | 2 | 67 |
| 230 | Induction of local protective immunity to Eimeria acervulina by a Lactobacillus-based probiotic. *Comparative Immunology, Microbiology and Infectious Diseases*, **2005**, 28, 351-61 | 2.6 | 65 |
| 229 | Vaccination with Clostridium perfringens recombinant proteins in combination with Montanide ISA 71 VG adjuvant increases protection against experimental necrotic enteritis in commercial broiler chickens. *Vaccine*, **2012**, 30, 5401-6 | 4.1 | 62 |
| 228 | Dietary Bacillus subtilis-based direct-fed microbials alleviate LPS-induced intestinal immunological stress and improve intestinal barrier gene expression in commercial broiler chickens. *Research in Veterinary Science*, **2017**, 114, 236-243 | 2.5 | 61 |
| 227 | Dietary Curcuma longa enhances resistance against Eimeria maxima and Eimeria tenella infections in chickens. *Poultry Science*, **2013**, 92, 2635-43 | 3.9 | 61 |
| 226 | Immune response during coccidiosis in SC and FP chickens. I. In vitro assessment of T cell proliferation response to stage-specific parasite antigens. *Veterinary Immunology and Immunopathology*, **1986**, 13, 321-30 | 2 | 60 |
| 225 | Bacillus spp. as direct-fed microbial antibiotic alternatives to enhance growth, immunity, and gut health in poultry. *Avian Pathology*, **2018**, 47, 339-351 | 2.4 | 59 |

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| 224 | Effects of dietary plant-derived phytonutrients on the genome-wide profiles and coccidiosis resistance in the broiler chickens. *BMC Proceedings*, **2011**, 5 Suppl 4, S34 | 2.3 | 56 |
| 223 | Molecular cloning and characterization of chicken NK-lysin. *Veterinary Immunology and Immunopathology*, **2006**, 110, 339-47 | 2 | 56 |
| 222 | Effect of Bacillus-based direct-fed microbials on Eimeria maxima infection in broiler chickens. *Comparative Immunology, Microbiology and Infectious Diseases*, **2010**, 33, e105-10 | 2.6 | 54 |
| 221 | Differential responses of macrophages to Salmonella enterica serovars Enteritidis and Typhimurium. *Veterinary Immunology and Immunopathology*, **2005**, 107, 327-35 | 2 | 54 |
| 220 | 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. *Probiotics and Antimicrobial Proteins*, **2017**, 9, 397-405 | 5.5 | 53 |
| 219 | Immune modulation by Bacillus subtilis-based direct-fed microbials in commercial broiler chickens. *Animal Feed Science and Technology*, **2015**, 200, 76-85 | 3 | 51 |
| 218 | Effect of Dietary Curcuma, Capsicum, and Lentinus, on Enhancing Local Immunity against Eimeria acervulina Infection. *Journal of Poultry Science*, **2010**, 47, 89-95 | 1.6 | 51 |
| 217 | Immune-related gene expression in two B-complex disparate genetically inbred Fayoumi chicken lines following Eimeria maxima infection. *Poultry Science*, **2008**, 87, 433-43 | 3.9 | 50 |
| 216 | Unique responses of the avian macrophage to different species of Eimeria. *Molecular Immunology*, **2007**, 44, 558-66 | 4.3 | 50 |
| 215 | Recent progress in host immunity to avian coccidiosis: IL-17 family cytokines as sentinels of the intestinal mucosa. *Developmental and Comparative Immunology*, **2013**, 41, 418-28 | 3.2 | 49 |
| 214 | Embryo vaccination against Eimeria tenella and E. acervulina infections using recombinant proteins and cytokine adjuvants. *Journal of Parasitology*, **2005**, 91, 666-73 | 0.9 | 49 |
| 213 | 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. *Experimental Parasitology*, **1989**, 69, 54-64 | 2.1 | 48 |
| 212 | Kinetic Differences in Intestinal and Systemic Interferon-g and Antigen-Specific Antibodies in Chickens Experimentally Infected with Eimeria maxima. *Avian Diseases*, **2000**, 44, 305 | 1.6 | 46 |
| 211 | Comparative natural killer cell activities of thymic, bursal, splenic and intestinal intraepithelial lymphocytes of chickens. *Developmental and Comparative Immunology*, **1988**, 12, 629-43 | 3.2 | 46 |
| 210 | Effects of salinomycin and Bacillus subtilis on growth performance and immune responses in broiler chickens. *Research in Veterinary Science*, **2014**, 97, 304-8 | 2.5 | 45 |
| 209 | In vivo effects of CpG oligodeoxynucleotide on Eimeria infection in chickens. *Avian Diseases*, **2004**, 48, 783-90 | 1.6 | 44 |
| 208 | Immunoenhancing effects of Montanide ISA oil-based adjuvants on recombinant coccidia antigen vaccination against Eimeria acervulina infection. *Veterinary Parasitology*, **2010**, 172, 221-8 | 2.8 | 43 |
| 207 | Antibiotic growth promoters virginiamycin and bacitracin methylene disalicylate alter the chicken intestinal metabolome. *Scientific Reports*, **2018**, 8, 3592 | 4.9 | 42 |

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| 206 | Intestinal immunomodulation by vitamin A deficiency and lactobacillus-based probiotic in Eimeria acervulina-infected broiler chickens. *Avian Diseases*, **2003**, 47, 1313-20 | 1.6 | 42 |
| 205 | Cinnamaldehyde enhances in vitro parameters of immunity and reduces in vivo infection against avian coccidiosis. *British Journal of Nutrition*, **2011**, 106, 862-9 | 3.6 | 41 |
| 204 | Eimeria acervulina: DNA cloning and characterization of recombinant sporozoite and merozoite antigens. *Experimental Parasitology*, **1988**, 66, 96-107 | 2.1 | 41 |
| 203 | In vitro effects of plant and mushroom extracts on immunological function of chicken lymphocytes and macrophages. *British Poultry Science*, **2010**, 51, 213-21 | 1.9 | 39 |
| 202 | Eimeria maxima recombinant Gam82 gametocyte antigen vaccine protects against coccidiosis and augments humoral and cell-mediated immunity. *Vaccine*, **2010**, 28, 2980-5 | 4.1 | 39 |
| 201 | Dietary Capsicum and Curcuma longa oleoresins increase intestinal microbiome and necrotic enteritis in three commercial broiler breeds. *Research in Veterinary Science*, **2015**, 102, 150-8 | 2.5 | 38 |
| 200 | Bacillus subtilis-based direct-fed microbials augment macrophage function in broiler chickens. *Research in Veterinary Science*, **2011**, 91, e87-91 | 2.5 | 38 |
| 199 | Transforming growth factor-beta isoforms in the developing chicken intestine and spleen: increase in transforming growth factor-beta 4 with coccidia infection. *Veterinary Immunology and Immunopathology*, **1997**, 55, 321-39 | 2 | 38 |
| 198 | Vaccines against the avian enteropathogens Eimeria, Cryptosporidium and Salmonella. *Animal Health Research Reviews*, **2000**, 1, 47-65 | 2.1 | 37 |
| 197 | Involvement of T Cell Immunity in Avian Coccidiosis. *Frontiers in Immunology*, **2019**, 10, 2732 | 8.4 | 36 |
| 196 | Passive immunization with hyperimmune egg-yolk IgY as prophylaxis and therapy for poultry diseases--A review. *Animal Health Research Reviews*, **2015**, 16, 163-76 | 2.1 | 36 |
| 195 | Chicken IL-17F: identification and comparative expression analysis in Eimeria-infected chickens. *Developmental and Comparative Immunology*, **2012**, 38, 401-9 | 3.2 | 36 |
| 194 | Protective effects of Aloe vera-based diets in Eimeria maxima-infected broiler chickens. *Experimental Parasitology*, **2011**, 127, 322-5 | 2.1 | 36 |
| 193 | Immunomodulatory properties of dietary plum on coccidiosis. *Comparative Immunology, Microbiology and Infectious Diseases*, **2008**, 31, 389-402 | 2.6 | 36 |
| 192 | Chicken IFN-gamma monoclonal antibodies and their application in enzyme-linked immunosorbent assay. *Veterinary Immunology and Immunopathology*, **2000**, 73, 297-308 | 2 | 36 |
| 191 | Immunity, immunomodulation, and antibiotic alternatives to maximize the genetic potential of poultry for growth and disease response. *Animal Feed Science and Technology*, **2019**, 250, 41-50 | 3 | 36 |
| 190 | Characterization of intestinal immune response to Clostridium perfringens infection in broiler chickens. *Poultry Science*, **2019**, 98, 188-198 | 3.9 | 36 |
| 189 | An outbreak of gangrenous dermatitis in commercial broiler chickens. *Avian Pathology*, **2010**, 39, 247-53 | 2.4 | 35 |

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| 188 | Functions exerted by the virulence-associated type-three secretion systems during Salmonella enterica serovar Enteritidis invasion into and survival within chicken oviduct epithelial cells and macrophages. *Avian Pathology*, **2009**, 38, 97-106 | 2.4 | 35 |
| 187 | Prevalence and cross-immunity of Eimeria species on Korean chicken farms. *Journal of Veterinary Medical Science*, **2010**, 72, 985-9 | 1.1 | 35 |
| 186 | Application of biotechnological tools for coccidia vaccine development. *Journal of Veterinary Science*, **2004**, 5, 279 | 1.6 | 34 |
| 185 | Eimeria acervulina: evaluation of the cellular and antibody responses to the recombinant coccidial antigens in B-congenic chickens. *Experimental Parasitology*, **1988**, 67, 148-58 | 2.1 | 34 |
| 184 | RNA-seq Profiles of Immune Related Genes in the Spleen of Necrotic Enteritis-afflicted Chicken Lines. *Asian-Australasian Journal of Animal Sciences*, **2015**, 28, 1496-511 | 2.4 | 33 |
| 183 | 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. *Poultry Science*, **2020**, 99, 725-733 | 3.9 | 33 |
| 182 | Immune effects of dietary anethole on Eimeria acervulina infection. *Poultry Science*, **2013**, 92, 2625-34 | 3.9 | 32 |
| 181 | Characterisation of macrophage migration inhibitory factor from Eimeria species infectious to chickens. *Molecular and Biochemical Parasitology*, **2007**, 151, 173-83 | 1.9 | 32 |
| 180 | Differential reactive oxygen and nitrogen production and clearance of Salmonella serovars by chicken and mouse macrophages. *Developmental and Comparative Immunology*, **2006**, 30, 942-53 | 3.2 | 32 |
| 179 | Salmonella Enteritidis-induced alteration of inflammatory CXCL chemokine messenger-RNA expression and histologic changes in the ceca of infected chicks. *Avian Diseases*, **2008**, 52, 229-34 | 1.6 | 31 |
| 178 | Expressed sequence tag analysis of Eimeria-stimulated intestinal intraepithelial lymphocytes in chickens. *Molecular Biotechnology*, **2005**, 30, 143-50 | 3 | 30 |
| 177 | Montanide 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, 178-83 | 2.1 | 29 |
| 176 | Immunostimulatory effects of oriental plum (Prunus salicina Lindl.). *Comparative Immunology, Microbiology and Infectious Diseases*, **2009**, 32, 407-17 | 2.6 | 29 |
| 175 | Avian follicular and interdigitating dendritic cells: isolation and morphologic, phenotypic, and functional analyses. *Veterinary Immunology and Immunopathology*, **2009**, 129, 66-75 | 2 | 29 |
| 174 | Cloning and functional characterization of chicken interleukin-17D. *Veterinary Immunology and Immunopathology*, **2008**, 126, 1-8 | 2 | 29 |
| 173 | Functional characterization of tumor necrosis factor superfamily 15 (TNFSF15) induced by lipopolysaccharides and Eimeria infection. *Developmental and Comparative Immunology*, **2007**, 31, 934-44 | 3.2 | 29 |
| 172 | Dietary Allium hookeri reduces inflammatory response and increases expression of intestinal tight junction proteins in LPS-induced young broiler chicken. *Research in Veterinary Science*, **2017**, 112, 149-155 | 2.5 | 28 |
| 171 | Identification and cloning of two immunogenic Clostridium perfringens proteins, elongation factor Tu (EF-Tu) and pyruvate:ferredoxin oxidoreductase (PFO) of C. perfringens. *Research in Veterinary Science*, **2011**, 91, e80-6 | 2.5 | 27 |

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| 170 | Antimicrobial activity of chicken NK-lysin against Eimeria sporozoites. *Avian Diseases*, **2008**, 52, 302-5 | 1.6 | 27 |
| 169 | Host Immunity and Vaccine Development to Coccidia and Salmonella Infections in Chickens. *Journal of Poultry Science*, **2003**, 40, 151-193 | 1.6 | 27 |
| 168 | Eimeria acervulina: cloning of a cDNA encoding an immunogenic region of several related merozoite surface and rhoptry proteins. *Experimental Parasitology*, **1990**, 70, 353-62 | 2.1 | 27 |
| 167 | Evaluation of the Immunomodulatory Activity of the Chicken NK-Lysin-Derived Peptide cNK-2. *Scientific Reports*, **2017**, 7, 45099 | 4.9 | 26 |
| 166 | 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, 684-7 | 1.6 | 26 |
| 165 | Characterization of Clostridium perfringens Strains Isolated from Healthy and Necrotic Enteritis-Afflicted Broiler Chickens. *Avian Diseases*, **2017**, 61, 178-185 | 1.6 | 26 |
| 164 | Effects of anticoccidial and antibiotic growth promoter programs on broiler performance and immune status. *Research in Veterinary Science*, **2012**, 93, 721-8 | 2.5 | 26 |
| 163 | Elongation factor-1 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 | 5.4 | 26 |
| 162 | The role of host genetic factors and host immunity in necrotic enteritis. *Avian Pathology*, **2016**, 45, 313-6 | 2.4 | 25 |
| 161 | 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. *Journal of Parasitology*, **1996**, 82, 82 | 0.9 | 25 |
| 160 | Montanide IMS 1313 N VG PR nanoparticle adjuvant enhances antigen-specific immune responses to profilin following mucosal vaccination against Eimeria acervulina. *Veterinary Parasitology*, **2011**, 182, 163-70 | 2.8 | 24 |
| 159 | The effects of a novel adjuvant complex/Eimeria profilin vaccine on the intestinal host immune response against live E. acervulina challenge infection. *Vaccine*, **2010**, 28, 6498-504 | 4.1 | 24 |
| 158 | Embryo vaccination of chickens using a novel adjuvant formulation stimulates protective immunity against Eimeria maxima infection. *Vaccine*, **2010**, 28, 7774-8 | 4.1 | 24 |
| 157 | Differential regulation of microRNA transcriptome in chicken lines resistant and susceptible to necrotic enteritis disease. *Poultry Science*, **2014**, 93, 1383-95 | 3.9 | 23 |
| 156 | Evaluation of Montanide ISA 71 VG adjuvant during profilin vaccination against experimental coccidiosis. *PLoS ONE*, **2013**, 8, e59786 | 3.7 | 23 |
| 155 | Isolation of chicken follicular dendritic cells. *Journal of Immunological Methods*, **2008**, 334, 59-69 | 2.5 | 23 |
| 154 | In vivo Role of Tumor Necrosis-Like Factor in Eimeria tenella Infection. *Avian Diseases*, **1995**, 39, 859 | 1.6 | 23 |
| 153 | Mucosal immunity against Eimeria acervulina infection in broiler chickens following oral immunization with profilin in Montanide adjuvants. *Experimental Parasitology*, **2011**, 129, 36-41 | 2.1 | 22 |

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| 152 | Production and characterization of monoclonal antibodies detecting chicken interleukin-2 and the development of an antigen capture enzyme-linked immunosorbent assay. *Veterinary Immunology and Immunopathology*, **2001**, 80, 245-57 | 2 | 22 |
| 151 | Immunopathology and cytokine responses in commercial broiler chickens with gangrenous dermatitis. *Avian Pathology*, **2010**, 39, 255-64 | 2.4 | 21 |
| 150 | Parasiticidal activity of a novel synthetic peptide from the core α-helical region of NK-lysin. *Veterinary Parasitology*, **2013**, 197, 113-21 | 2.8 | 20 |
| 149 | Effects of dietary selenium on host response to necrotic enteritis in young broilers. *Research in Veterinary Science*, **2015**, 98, 66-73 | 2.5 | 20 |
| 148 | Downregulation of chicken interleukin-17 receptor A during Eimeria infection. *Infection and Immunity*, **2014**, 82, 3845-54 | 3.7 | 20 |
| 147 | Transcriptional profiles of host-pathogen responses to necrotic enteritis and differential regulation of immune genes in two inbreed chicken lines showing disparate disease susceptibility. *PLoS ONE*, **2014**, 9, e114960 | 3.7 | 20 |
| 146 | High-throughput sequencing reveals differing immune responses in the intestinal mucosa of two inbred lines afflicted with necrotic enteritis. *Veterinary Immunology and Immunopathology*, **2015**, 166, 116-24 | 2 | 19 |
| 145 | Differentially expressed JAK-STAT signaling pathway genes and target microRNAs in the spleen of necrotic enteritis-afflicted chicken lines. *Research in Veterinary Science*, **2017**, 115, 235-243 | 2.5 | 18 |
| 144 | Vaccination with Eimeria tenella elongation factor-1α recombinant protein induces protective immunity against E. tenella and E. maxima infections. *Veterinary Parasitology*, **2017**, 243, 79-84 | 2.8 | 18 |
| 143 | Construction and application of an avian intestinal intraepithelial lymphocyte cDNA microarray (AVIELA) for gene expression profiling during Eimeria maxima infection. *Veterinary Immunology and Immunopathology*, **2008**, 124, 341-54 | 2 | 18 |
| 142 | Kinetics of interleukin-2 production in chickens infected with Eimeria tenella. *Comparative Immunology, Microbiology and Infectious Diseases*, **2002**, 25, 149-58 | 2.6 | 18 |
| 141 | Development and characterization of monoclonal antibodies to chicken interleukin-15. *Veterinary Immunology and Immunopathology*, **2002**, 88, 49-56 | 2 | 18 |
| 140 | cDNA encoding an immunogenic region of a 22 kilodalton surface protein of Eimeria acervulina sporozoites. *Molecular and Biochemical Parasitology*, **1989**, 32, 153-61 | 1.9 | 18 |
| 139 | Comparison of live Eimeria vaccination with in-feed salinomycin on growth and immune status in broiler chickens. *Research in Veterinary Science*, **2013**, 95, 110-4 | 2.5 | 17 |
| 138 | Distinct immunoregulatory properties of macrophage migration inhibitory factors encoded by Eimeria parasites and their chicken host. *Vaccine*, **2011**, 29, 8998-9004 | 4.1 | 17 |
| 137 | Development and characterization of mouse monoclonal antibodies reactive with chicken interleukin-2 receptor α chain (CD25). *Veterinary Immunology and Immunopathology*, **2011**, 144, 396-404 | 2 | 17 |
| 136 | Association of resistance to avian coccidiosis with single nucleotide polymorphisms in the zyxin gene. *Poultry Science*, **2009**, 88, 511-8 | 3.9 | 17 |
| 135 | Induction of CXC chemokine messenger-RNA expression in chicken oviduct epithelial cells by Salmonella enterica serovar enteritidis via the type three secretion system-1. *Avian Diseases*, **2009**, 53, 396-404 | 1.6 | 17 |

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| 134 | Indole Treatment Alleviates Intestinal Tissue Damage Induced by Chicken Coccidiosis Through Activation of the Aryl Hydrocarbon Receptor. *Frontiers in Immunology*, **2019**, 10, 560 | 8.4 | 16 |
| 133 | Modulation of microRNAs in two genetically disparate chicken lines showing different necrotic enteritis disease susceptibility. *Veterinary Immunology and Immunopathology*, **2014**, 159, 74-82 | 2 | 16 |
| 132 | Dietary Antibiotic Growth Promoters Down-Regulate Intestinal Inflammatory Cytokine Expression in Chickens Challenged With LPS or Co-infected With and. *Frontiers in Veterinary Science*, **2019**, 6, 420 | 3.1 | 16 |
| 131 | Growth-Promoting and Antioxidant Effects of Magnolia Bark Extract in Chickens Uninfected or Co-Infected with and as an Experimental Model of Necrotic Enteritis. *Current Developments in Nutrition*, **2018**, 2, nzy009 | 0.4 | 15 |
| 130 | Molecular characterization of duck interleukin-17. *Veterinary Immunology and Immunopathology*, **2009**, 132, 318-22 | 2 | 15 |
| 129 | Reduced nitric oxide production and iNOS mRNA expression in IFN-gamma-stimulated chicken macrophages transfected with iNOS siRNAs. *Veterinary Immunology and Immunopathology*, **2008**, 125, 375-80 | 2 | 15 |
| 128 | Immune Enhancing Properties of Safflower Leaf (Carthamus tinctorius) on Chicken Lymphocytes and Macrophages. *Journal of Poultry Science*, **2008**, 45, 147-151 | 1.6 | 15 |
| 127 | Production and characterization of monoclonal antibodies reactive with the chicken interleukin-15 receptor alpha chain. *Veterinary Immunology and Immunopathology*, **2001**, 82, 215-27 | 2 | 15 |
| 126 | Characterization of Virulent Strains from Necrotic Enteritis-Affected Broiler Chicken Farms. *Avian Diseases*, **2019**, 63, 461-467 | 1.6 | 15 |
| 125 | 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. *Veterinary Immunology and Immunopathology*, **2018**, 205, 72-82 | 2 | 15 |
| 124 | Dietary sodium selenite affects host intestinal and systemic immune response and disease susceptibility to necrotic enteritis in commercial broilers. *British Poultry Science*, **2015**, 56, 103-12 | 1.9 | 14 |
| 123 | Comparative microarray analysis of intestinal lymphocytes following Eimeria acervulina, E. maxima, or E. tenella infection in the chicken. *PLoS ONE*, **2011**, 6, e27712 | 3.7 | 14 |
| 122 | Protective Effects of Dietary Safflower (Carthamus tinctorius) on Experimental Coccidiosis. *Journal of Poultry Science*, **2009**, 46, 155-162 | 1.6 | 14 |
| 121 | Functional analyses of the interaction of chicken interleukin 23 subunit p19 with IL-12 subunit p40 to form the IL-23 complex. *Molecular Immunology*, **2017**, 92, 54-67 | 4.3 | 13 |
| 120 | Complete genome sequences of Del1 strain isolated from chickens affected by necrotic enteritis. *Gut Pathogens*, **2017**, 9, 69 | 5.4 | 13 |
| 119 | Immune and anti-oxidant effects of in ovo selenium proteinate on post-hatch experimental avian necrotic enteritis. *Veterinary Parasitology*, **2014**, 206, 115-22 | 2.8 | 13 |
| 118 | Development and characterization of mouse monoclonal antibodies reactive with chicken CD80. *Comparative Immunology, Microbiology and Infectious Diseases*, **2011**, 34, 273-9 | 2.6 | 13 |
| 117 | Comparison of global transcriptional responses to primary and secondary Eimeria acervulina infections in chickens. *Developmental and Comparative Immunology*, **2010**, 34, 344-51 | 3.2 | 13 |

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| 116 | Monoclonal antibodies reactive with chicken interleukin-17. *Veterinary Immunology and Immunopathology*, **2008**, 121, 359-63 | 2 | 13 |
| 115 | The nutrient composition of the herbicide-tolerant green pepper is equivalent to that of the conventional green pepper. *Nutrition Research*, **2006**, 26, 546-548 | 4 | 13 |
| 114 | Avian gut-associated immune system: implication in coccidial vaccine development. *Poultry Science*, **1993**, 72, 1306-11 | 3.9 | 13 |
| 113 | Effect of thyroxine and chicken growth hormone on immune function in autoimmune thyroiditis (obese) strain chicks. *Experimental Biology and Medicine*, **1992**, 199, 114-22 | 3.7 | 13 |
| 112 | Detection of chicken interleukin-10 production in intestinal epithelial cells and necrotic enteritis induced by Clostridium perfringens using capture ELISA. *Veterinary Immunology and Immunopathology*, **2018**, 204, 52-58 | 2 | 13 |
| 111 | Analysis of JAK-STAT signaling pathway genes and their microRNAs in the intestinal mucosa of genetically disparate chicken lines induced with necrotic enteritis. *Veterinary Immunology and Immunopathology*, **2017**, 187, 1-9 | 2 | 12 |
| 110 | Dietary Supplementation With Direct-Fed Microbials Alters Chicken Intestinal Metabolite Levels. *Frontiers in Veterinary Science*, **2020**, 7, 123 | 3.1 | 12 |
| 109 | Evaluation of novel adjuvant Eimeria profilin complex on intestinal host immune responses against live E. acervulina challenge infection. *Avian Diseases*, **2012**, 56, 402-5 | 1.6 | 12 |
| 108 | Development and characterization of mouse monoclonal antibodies reactive with chicken CD83. *Veterinary Immunology and Immunopathology*, **2012**, 145, 527-33 | 2 | 12 |
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