Christina L Swaggerty

List of Publications by Year
in descending order

37 papers	1,350 citations	331670 21 h-index	345221 36 g-index
38 all docs	38 docs citations	38 times ranked	1037 citing authors

#	Article	IF	Citations
1	Differential cytokine mRNA expression in heterophils isolated from Salmonellaâ€resistant and â€susceptible chickens. Immunology, 2004, 113, 139-148.	4.4	143
2	The avian heterophil. Developmental and Comparative Immunology, 2013, 41, 334-340.	2.3	117
3	Inflammatory phenotypes in the intestine of poultry: not all inflammation is created equal. Poultry Science, 2018, 97, 2339-2346.	3.4	81
4	Heterophils isolated from chickens resistant to extra-intestinal Salmonella enteritidis infection express higher levels of pro-inflammatory cytokine mRNA following infection than heterophils from susceptible chickens. Epidemiology and Infection, 2004, 132, 1029-1037.	2.1	70
5	Gene Expression Profiling of the Local Cecal Response of Genetic Chicken Lines That Differ in Their Susceptibility to Campylobacter jejuni Colonization. PLoS ONE, 2010, 5, e11827.	2.5	69
6	A Comparative Study on Invasion, Survival, Modulation of Oxidative Burst, and Nitric Oxide Responses of Macrophages (HD11), and Systemic Infection in Chickens by Prevalent Poultry Salmonella Serovars. Foodborne Pathogens and Disease, 2012, 9, 1104-1110.	1.8	63
7	Profiling pro-inflammatory cytokine and chemokine mRNA expression levels as a novel method for selection of increased innate immune responsiveness. Veterinary Immunology and Immunopathology, 2008, 126, 35-42.	1.2	61
8	In vitro activation of chicken leukocytes and in vivo protection againstSalmonella enteritidisorgan invasion and peritonealS. enteritidisinfection-induced mortality in neonatal chickens by immunostimulatory CpG oligodeoxynucleotide. FEMS Immunology and Medical Microbiology, 2005, 43, 81-89.	2.7	60
9	Functional comparison of heterophils isolated from commercial broiler chickens. Avian Pathology, 2003, 32, 95-102.	2.0	59
10	Heterophils are associated with resistance to systemicSalmonella enteritidisinfections in genetically distinct chicken lines. FEMS Immunology and Medical Microbiology, 2005, 43, 149-154.	2.7	59
11	Selection of Broilers with Improved Innate Immune Responsiveness to Reduce On-Farm Infection by Foodborne Pathogens. Foodborne Pathogens and Disease, 2009, 6, 777-783.	1.8	56
12	Differential mRNA expression of the avian-specific toll-like receptor 15 between heterophils from Salmonella-susceptible and -resistant chickens. Immunogenetics, 2009, 61, 71-77.	2.4	53
13	Heterophil cytokine mRNA profiles from genetically distinct lines of chickens with differential heterophil-mediated innate immune responses. Avian Pathology, 2006, 35, 102-108.	2.0	50
14	Modulation of the Immune Response to Improve Health and Reduce Foodborne Pathogens in Poultry. Microorganisms, 2019, 7, 65.	3.6	47
15	Chicken-Specific Kinome Array Reveals that Salmonella enterica Serovar Enteritidis Modulates Host Immune Signaling Pathways in the Cecum to Establish a Persistence Infection. International Journal of Molecular Sciences, 2016, 17, 1207.	4.1	45
16	Effect of Salmonella infection on cecal tonsil regulatory T cell properties in chickens. Poultry Science, 2015, 94, 1828-1835.	3.4	39
17	Modulation of Chicken Intestinal Immune Gene Expression by Small Cationic Peptides as Feed Additives during the First Week Posthatch. Vaccine Journal, 2013, 20, 1440-1448.	3.1	33
18	Selection for pro-inflammatory mediators yields chickens with increased resistance against Salmonella enterica serovar Enteritidis. Poultry Science, 2014, 93, 535-544.	3.4	27

#	Article	IF	Citations
19	Broiler breeders with an efficient innate immune response are more resistant to Eimeria tenella. Poultry Science, 2011, 90, 1014-1019.	3.4	26
20	Electron-Beamâ€“Inactivated Vaccine AgainstSalmonellaEnteritidis Colonization in Molting Hens. Avian Diseases, 2015, 59, 165-170.	1.0	25
21	Association between in vitro heterophil function and the feathering gene in commercial broiler chickens. Avian Pathology, 2003, 32, 483-488.	2.0	23
22	Selection for pro-inflammatory mediators produces chickens more resistant to Clostridium perfringens-induced necrotic enteritis. Poultry Science, 2016, 95, 370-374.	3.4	21
23	Loxoribine pretreatment reduces Salmonella Enteritidis organ invasion in 1-day-old chickens. Poultry Science, 2012, 91, 1038-1042.	3.4	19
24	A microencapsulated feed additive containing organic acids, thymol, and vanillin increases in vitro functional activity of peripheral blood leukocytes from broiler chicks. Poultry Science, 2020, 99, 3428-3436.	3.4	15
25	BT cationic peptides: Small peptides that modulate innate immune responses of chicken heterophils and monocytes. Veterinary Immunology and Immunopathology, 2012, 145, 151-158.	1.2	14
26	Differential Levels of Cecal Colonization by Salmonella Enteritidis in Chickens Triggers Distinct Immune Kinome Profiles. Frontiers in Veterinary Science, 2017, 4, 214.	2.2	10
27	The feathering gene is linked to degranulation and oxidative burst not cytokine/chemokine mRNA expression levels orSalmonella enteritidisorgan invasion in broilers. Avian Pathology, 2006, 35, 465-470.	2.0	9
28	Dietary supplementation with a microencapsulated blend of organic acids and botanicals alters the kinome in the ileum and jejunum of Gallus gallus. PLoS ONE, 2020, 15, e0236950.	2.5	9
29	The biological effects of microencapsulated organic acids and botanicals induces tissue-specific and dose-dependent changes to the Gallus gallus microbiota. BMC Microbiology, 2020, 20, 332.	3.3	9
30	Protein tyrosine kinase and mitogen-activated protein kinase signalling pathways contribute to differences in heterophil-mediated innate immune responsiveness between two lines of broilers. Avian Pathology, 2011, 40, 289-297.	2.0	8
31	A blend of microencapsulated organic acids and botanicals reduces necrotic enteritis via specific signaling pathways in broilers. Poultry Science, 2022, 101, 101753.	3.4	7
32	Potential Replacements for Antibiotic Growth Promoters in Poultry: Interactions at the Gut Level and Their Impact on Host Immunity. Advances in Experimental Medicine and Biology, 2022, 1354, 145-159.	1.6	6
33	Inhibition of Salmonella Binding to Porcine Intestinal Cells by a Wood-Derived Prebiotic. Microorganisms, 2020, 8, 1051.	3.6	5
34	Editorial: Mechanisms of Persistence, Survival, and Transmission of Bacterial Foodborne Pathogens in Production Animals. Frontiers in Veterinary Science, 2018, 5, 139.	2.2	4
35	Controlling the Colonization of Clostridium perfringens in Broiler Chickens by an Electron-Beam-Killed Vaccine. Animals, 2021, 11, 671.	2.3	3
36	Chicken-Specific Kinome Analysis of Early Host Immune Signaling Pathways in the Cecum of Newly Hatched Chickens Infected With Salmonella enterica Serovar Enteritidis. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	3

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37	Critical Role of Glycogen Synthase Kinase-3ÃŽÂ² in Regulating the Avian Heterophil Response to Salmonella enterica Serovar Enteritidis. Frontiers in Veterinary Science, 2014, 1, 10.	2.2	2