Sonja HÃ¤rtle

List of Publications by Year
in descending order

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50 papers	1,535 citations	257450 24 h-index	330143 37 g-index
51 all docs	51 docs citations	51 times ranked	1610 citing authors

#	Article	IF	Citations
1	B cells, the bursa of Fabricius, and the generation of antibody repertoires. , 2022, , 71-99.		5
2	Characterization and functional properties of a novel monoclonal antibody which identifies a B cell subpopulation in bursa of Fabricius. Poultry Science, 2022, 101, 101711.	3.4	0
3	The avian respiratory immune system. , 2022, , 327-341.		1
4	The Discovery of Chicken Foxp3 Demands Redefinition of Avian Regulatory T Cells. Journal of Immunology, 2022, 208, 1128-1138.	0.8	12
5	Blood B Cell Depletion Reflects Immunosuppression Induced by Live-Attenuated Infectious Bursal Disease Vaccines. Frontiers in Veterinary Science, 2022, 9, 871549.	2.2	5
6	The dominantly expressed class II molecule from a resistant MHC haplotype presents only a few Mareká€™s disease virus peptides by using an unprecedented binding motif. PLoS Biology, 2021, 19, e3001057.	5.6	14
7	Assessment of trade-offs between feed efficiency, growth-related traits, and immune activity in experimental lines of layer chickens. Genetics Selection Evolution, 2021, 53, 44.	3.0	21
8	Mareká€™s disease virus prolongs survival of primary chicken B-cells by inducing a senescence-like phenotype. PLoS Pathogens, 2021, 17, e1010006.	4.7	6
9	In and Out of the Bursaâ€"The Role of CXCR4 in Chicken B Cell Development. Frontiers in Immunology, 2020, 11, 1468.	4.8	13
10	Harvesting-induced stress in broilers: Comparison of a manual and a mechanical harvesting method under field conditions. Applied Animal Behaviour Science, 2019, 221, 104877.	1.9	11
11	The Transcriptional Landscape of Mareká€™s Disease Virus in Primary Chicken B Cells Reveals Novel Splice Variants and Genes. Viruses, 2019, 11, 264.	3.3	29
12	The Long Pentraxin PTX3 Is of Major Importance Among Acute Phase Proteins in Chickens. Frontiers in Immunology, 2019, 10, 124.	4.8	26
13	Mareká€™s Disease Virus Infection of Natural Killer Cells. Microorganisms, 2019, 7, 588.	3.6	34
14	IFNÎ± and IFNÎ³ Impede Mareká€™s Disease Progression. Viruses, 2019, 11, 1103.	3.3	16
15	Propagation and titration of infectious bursal disease virus, including non-cell-culture-adapted strains, using ex vivo-stimulated chicken bursal cells. Avian Pathology, 2018, 47, 179-188.	2.0	17
16	Unraveling the role of B cells in the pathogenesis of an oncogenic avian herpesvirus. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11603-11607.	7.1	32
17	Characterization of Chicken Tumor Necrosis Factor-Î±, a Long Missed Cytokine in Birds. Frontiers in Immunology, 2018, 9, 605.	4.8	66
18	Atrophy of primary lymphoid organs induced by Mareká€™s disease virus during early infection is associated with increased apoptosis, inhibition of cell proliferation and a severe B-lymphopenia. Veterinary Research, 2018, 49, 31.	3.0	32

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19	Tissue and time specific expression pattern of interferon regulated genes in the chicken. BMC Genomics, 2017, 18, 264.	2.8	19
20	Transcriptomes of whole blood and PBMC in chickens. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2016, 20, 1-9.	1.0	18
21	In vitro model for lytic replication, latency, and transformation of an oncogenic alphaherpesvirus. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7279-7284.	7.1	44
22	The Avian Respiratory Immune System. , 2014, , 251-263.		8
23	Structure and Evolution of Avian Immunoglobulins. , 2014, , 103-120.		32
24	Innate Immune Responses. , 2014, , 121-147.		24
25	B Cells, the Bursa of Fabricius and the Generation of Antibody Repertoires. , 2014, , 65-89.		25
26	Antiviral Activity of Lambda Interferon in Chickens. Journal of Virology, 2014, 88, 2835-2843.	3.4	61
27	2D DIGE analysis of the bursa of Fabricius reveals characteristic proteome profiles for different stages of chicken Bâ€cell development. Proteomics, 2013, 13, 119-133.	2.2	32
28	Misregulation of SDF1-CXCR4 Signaling Impairs Early Cardiac Neural Crest Cell Migration Leading to Conotruncal Defects. Circulation Research, 2013, 113, 505-516.	4.5	80
29	A rapid high-precision flow cytometry based technique for total white blood cell counting in chickens. Veterinary Immunology and Immunopathology, 2012, 145, 86-99.	1.2	97
30	Mx Is Dispensable for Interferon-Mediated Resistance of Chicken Cells against Influenza A Virus. Journal of Virology, 2011, 85, 8307-8315.	3.4	49
31	Highly Pathogenic Avian Influenza Viruses Do Not Inhibit Interferon Synthesis in Infected Chickens but Can Override the Interferon-Induced Antiviral State. Journal of Virology, 2011, 85, 7730-7741.	3.4	52
32	Polymorphism in Human APOBEC3H Affects a Phenotype Dominant for Subcellular Localization and Antiviral Activity. Journal of Virology, 2011, 85, 8197-8207.	3.4	60
33	Development of Specific Enzyme-Linked Immunosorbent Assays to Evaluate the Duck Immune Response After Experimental Infection with H5N1 and H7N1 Low Pathogenic Avian Influenza Viruses. Avian Diseases, 2010, 54, 660-667.	1.0	11
34	Avian Bornaviruses Escape Recognition by the Innate Immune System. Viruses, 2010, 2, 927-938.	3.3	32
35	Acute paretic syndrome in juvenile White Leghorn chickens resembles late stages of acute inflammatory demyelinating polyneuropathies in humans. Journal of Neuroinflammation, 2010, 7, 7.	7.2	24
36	Prolonged effect of BAFF on chicken B cell development revealed by RCAS retroviral gene transfer in vivo. Molecular Immunology, 2010, 47, 1619-1628.	2.2	26

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37	Effects of Cyclosporin A induced T-lymphocyte depletion on the course of avian Metapneumovirus (aMPV) infection in turkeys. Developmental and Comparative Immunology, 2010, 34, 518-529.	2.3	13
38	Impact of DUSP1 on the apoptotic potential of deoxynivalenol in the epithelial cell line HepG2. Toxicology Letters, 2010, 199, 43-50.	0.8	5
39	Evaluation of an indirect enzyme-linked immunosorbent assay to study the specific humoral immune response of Muscovy ducks (Cairina moschata) and domestic geese (Anser anser var. domestica) after vaccination against Newcastle disease virus. Avian Pathology, 2009, 38, 89-95.	2.0	12
40	CD40 ligand supports the long-term maintenance and differentiation of chicken B cells in culture. Developmental and Comparative Immunology, 2008, 32, 1015-1026.	2.3	30
41	The BAFF-Interacting receptors of chickens. Developmental and Comparative Immunology, 2008, 32, 1076-1087.	2.3	17
42	Evaluation of Newcastle disease virus immunoassays for waterfowl using a monoclonal antibody specific for the duck immunoglobulin light chain. Avian Pathology, 2008, 37, 323-328.	2.0	9
43	Chicken Toll-like Receptor 3 Recognizes Its Cognate Ligand When Ectopically Expressed in Human Cells. Journal of Interferon and Cytokine Research, 2007, 27, 97-102.	1.2	57
44	Properties of H7N7 influenza A virus strain SC35M lacking interferon antagonist NS1 in mice and chickens. Journal of General Virology, 2007, 88, 1403-1409.	2.9	87
45	Plasma interleukinâ€6 response is predictive for severity and mortality in canine systemic inflammatory response syndrome and sepsis. Veterinary Clinical Pathology, 2007, 36, 253-260.	0.7	68
46	Conservation of ILâ€6 transâ€signaling mechanisms controlling Lâ€selectin adhesion by feverâ€range thermal stress. European Journal of Immunology, 2007, 37, 2856-2867.	2.9	30
47	Mycoplasma synoviae lipoprotein MSPB, the N-terminal part of VlhA haemagglutinin, induces secretion of nitric oxide, IL-6 and IL-1Î² in chicken macrophages. Veterinary Microbiology, 2007, 121, 278-287.	1.9	34
48	Unique and conserved functions of B cell-activating factor of the TNF family (BAFF) in the chicken. International Immunology, 2006, 19, 203-215.	4.0	30
49	Characterization of duck leucocytes by monoclonal antibodies. Developmental and Comparative Immunology, 2005, 29, 733-748.	2.3	36
50	Chicken BAFF--a highly conserved cytokine that mediates B cell survival. International Immunology, 2004, 16, 139-148.	4.0	73