

# Khawaja Ashfaque Ahmed

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,031  
citations

430754

18  
h-index

454834

30  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of cellular communication through intercellular protein transfer. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1458-1473.	1.6	128
2	Intercellular Trophocytosis Plays an Important Role in Modulation of Immune Responses. <i>Cellular and Molecular Immunology</i> , 2008, 5, 261-269.	4.8	102
3	Multiple effects of CD4&ndash;CD40L axis in immunity against infection and cancer. <i>ImmunoTargets and Therapy</i> , 2018, Volume 7, 55-61.	2.7	50
4	Phenotypic, genotypic and antigenic characterization of emerging avian reoviruses isolated from clinical cases of arthritis in broilers in Saskatchewan, Canada. <i>Scientific Reports</i> , 2017, 7, 3565.	1.6	48
5	Expression analysis of melatonin receptor subtypes in the ovary of domestic chicken. <i>Veterinary Research Communications</i> , 2009, 33, 49-56.	0.6	41
6	Cytokines in reproductive remodeling of molting White Leghorn hens. <i>Journal of Reproductive Immunology</i> , 2007, 73, 39-50.	0.8	40
7	Exosomal pMHC-I complex targets T cell-based vaccine to directly stimulate CTL responses leading to antitumor immunity in transgenic FVBneuN and HLA-A2/HER2 mice and eradicating trastuzumab-resistant tumor in athymic nude mice. <i>Breast Cancer Research and Treatment</i> , 2013, 140, 273-284.	1.1	37
8	High doses of dietary zinc induce cytokines, chemokines, and apoptosis in reproductive tissues during regression. <i>Cell and Tissue Research</i> , 2008, 332, 543-554.	1.5	35
9	Immunogenicity and protective efficacy of virus-like particles and recombinant fiber proteins in broiler-breeder vaccination against fowl adenovirus (FAdV)-8b. <i>Vaccine</i> , 2017, 35, 2716-2722.	1.7	32
10	Expression profile of myostatin mRNA during the embryonic organogenesis of domestic chicken ( <i>Gallus gallus domesticus</i> ). <i>Research in Veterinary Science</i> , 2008, 85, 86-91.	0.9	28
11	Cytokines and chemokines in postovulatory follicle regression of domestic chicken ( <i>Gallus gallus</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	27
12	Direct in vivo evidence of CD4+ T cell requirement for CTL response and memory via pMHC-I targeting and CD40L signaling. <i>Journal of Leukocyte Biology</i> , 2012, 92, 289-300.	1.5	27
13	Differential expression of inducible nitric oxide synthase and cytokine mRNA in chicken lines divergent for cutaneous hypersensitivity response. <i>Veterinary Immunology and Immunopathology</i> , 2005, 108, 373-385.	0.5	26
14	Circulating strains of variant infectious bursal disease virus may pose a challenge for antibiotic-free chicken farming in Canada. <i>Research in Veterinary Science</i> , 2016, 108, 54-59.	0.9	26
15	Synthetic CpG-ODN rapidly enriches immune compartments in neonatal chicks to induce protective immunity against bacterial infections. <i>Scientific Reports</i> , 2019, 9, 341.	1.6	23
16	Differential expression of mannose-6-phosphate receptor regulates T cell contraction. <i>Journal of Leukocyte Biology</i> , 2015, 98, 313-318.	1.5	22
17	Modified live infectious bursal disease virus (IBDV) vaccine delays infection of neonatal broiler chickens with variant IBDV compared to turkey herpesvirus (HVT)-IBDV vectored vaccine. <i>Vaccine</i> , 2017, 35, 882-888.	1.7	21
18	Effects of supplemental chromium on interferon-gamma (IFN- $\gamma$ ) mRNA expression in response to Newcastle disease vaccine in broiler chicken. <i>Research in Veterinary Science</i> , 2008, 85, 46-51.	0.9	18

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19	Enhanced suppression of polyclonal CD8+25+ regulatory T cells via exosomal arming of antigen-specific peptide/MHC complexes. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1221-1231.	1.5	17
20	mTORC1 regulates mannose-6-phosphate receptor transport and T-cell vulnerability to regulatory T cells by controlling kinesin KIF13A. <i>Cell Discovery</i> , 2017, 3, 17011.	3.1	17
21	Temporal expression of transforming growth factor- $\beta$ 2 and myostatin mRNA during embryonic myogenesis in Indian broilers. <i>Research in Veterinary Science</i> , 2007, 82, 50-53.	0.9	16
22	Nitric oxide: A possible mediator of ovulation and postovulatory follicle regression in chicken. <i>Animal Reproduction Science</i> , 2007, 101, 351-357.	0.5	16
23	Increased Incidence of Enterococcal Infection in Nonviable Broiler Chicken Embryos in Western Canadian Hatcheries as Detected by Matrix-Assisted Laser Desorption/Ionization-Time-of-Flight Mass Spectrometry. <i>Avian Diseases</i> , 2017, 61, 472-480.	0.4	16
24	Mannose-6-phosphate receptor: a novel regulator of T cell immunity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 986-988.	4.8	16
25	Potent CD4+ T-cell epitope P30 enhances HER2/neu-engineered dendritic cell-induced immunity against Tg1-1 breast cancer in transgenic FVBneuN mice by enhanced CD4+ T-cell-stimulated CTL responses. <i>Cancer Gene Therapy</i> , 2013, 20, 590-598.	2.2	15
26	Intrapulmonary Delivery of CpG-ODN Microdroplets Provides Protection Against Escherichia coli Septicemia in Neonatal Broiler Chickens. <i>Avian Diseases</i> , 2017, 61, 503-511.	0.4	14
27	The dynamics of molecular evolution of emerging avian reoviruses through accumulation of point mutations and genetic re-assortment. <i>Virus Evolution</i> , 2020, 6, veaa025.	2.2	14
28	Caspase-mediated apoptosis in chicken postovulatory follicle regression. <i>Veterinary Research Communications</i> , 2008, 32, 13-19.	0.6	13
29	Inactivated and live bivalent fowl adenovirus (FAdV8b + FAdV11) breeder vaccines provide broad-spectrum protection in chicks against inclusion body hepatitis (IBH). <i>Vaccine</i> , 2018, 36, 744-750.	1.7	12
30	The measurement of three cytokine transcripts in naïve and sensitized ovine peripheral blood mononuclear cells following in vitro stimulation with bluetongue virus serotype-23. <i>Research in Veterinary Science</i> , 2011, 90, 212-214.	0.9	11
31	Mucosal delivery of CpG-ODN mimicking bacterial DNA via the intrapulmonary route induces systemic antimicrobial immune responses in neonatal chicks. <i>Scientific Reports</i> , 2020, 10, 5343.	1.6	11
32	Acquired pMHC I Complexes Greatly Enhance CD4+ Th Cell's Stimulatory Effect on CD8+ T Cell-Mediated Diabetes in Transgenic RIP-mOVA Mice. <i>Cellular and Molecular Immunology</i> , 2008, 5, 407-415.	4.8	10
33	In vitro rapid clearance of infectious bursal disease virus in peripheral blood mononuclear cells of chicken lines divergent for antibody response might be related to the enhanced expression of proinflammatory cytokines. <i>Research in Veterinary Science</i> , 2013, 95, 957-964.	0.9	10
34	A 5-year study of the incidence and economic impact of variant infectious bursal disease viruses on broiler production in Saskatchewan, Canada. <i>Canadian Journal of Veterinary Research</i> , 2016, 80, 255-261.	0.2	10
35	Spatial expression of chemokines and cytokines mRNA in the largest preovulatory follicle of chicken. <i>Veterinary Research Communications</i> , 2008, 32, 419-426.	0.6	9
36	Active CD4 <sup>+</sup> helper T cells directly stimulate CD8 <sup>+</sup> cytotoxic T lymphocyte responses in wild-type and MHC II gene knockout C57BL/6 mice and transgenic RIP-mOVA mice expressing islet $\beta$ -cell ovalbumin antigen leading to diabetes. <i>Autoimmunity</i> , 2008, 41, 501-511.	1.2	9

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37	Cytokines Expression and Nitric Oxide Production under Induced Infection to Salmonella Typhimurium in Chicken Lines Divergently Selected for Cutaneous Hypersensitivity. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 1038-1044.	2.4	9
38	Transgene IL-6 Enhances DC-Stimulated CTL Responses by Counteracting CD4+25+Foxp3+ Regulatory T Cell Suppression via IL-6-Induced Foxp3 Downregulation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5508-5521.	1.8	8
39	The Energy Sensor AMPK $\pm$ 1 Is Critical in Rapamycin-Inhibition of mTORC1-S6K-Induced T-cell Memory. <i>International Journal of Molecular Sciences</i> , 2022, 23, 37.	1.8	7
40	Prosurvival IL-7 $\pm$ 1 Stimulated Weak Strength of mTORC1-S6K Controls T Cell Memory via Transcriptional FOXO1 $\pm$ 1 TCF1 $\pm$ 1 Id3 and Metabolic AMPK $\pm$ 1 $\pm$ 1 ULK1 $\pm$ 1 ATG7 Pathways. <i>Journal of Immunology</i> , 2022, 208, 155-168.	0.4	7
41	T cell precursor frequency differentially affects CTL responses under different immune conditions. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 427-434.	1.0	6
42	Enhanced Protective Immunity Derived from Dendritic Cells with Phagocytosis of CD40 Ligand Transgene-engineered Apoptotic Tumor Cells via Increased Dendritic Cell Maturation. <i>Tumori</i> , 2015, 101, 637-643.	0.6	5
43	A new dynamic model of three cell interactions for CTL responses. <i>Oncolmmunology</i> , 2012, 1, 1430-1432.	2.1	4
44	CpG-ODN Induces a Dose-Dependent Enrichment of Immunological Niches in the Spleen and Lungs of Neonatal Chicks That Correlates with the Protective Immunity against <i>Escherichia coli</i> . <i>Journal of Immunology Research</i> , 2020, 2020, 1-15.	0.9	4
45	Non-viable chicken embryos: an overlooked niche harbouring a significant source of multidrug resistant bacteria in the poultry production. <i>International Journal of Veterinary Science and Medicine</i> , 2020, 8, 9-17.	0.8	4
46	Effect of Leptin and IGFBP-3 Gene Polymorphisms on Serum IgG Level of Cattle Calves. <i>Asian-Australasian Journal of Animal Sciences</i> , 2006, 19, 1095-1099.	2.4	4
47	CpG-ODN induced antimicrobial immunity in neonatal chicks involves a substantial shift in serum metabolic profiles. <i>Scientific Reports</i> , 2021, 11, 9028.	1.6	3
48	Virulence of Emerging Arthrotropic Avian Reoviruses Correlates With Their Ability to Activate and Traffic Interferon- $\beta$ Producing Cytotoxic CD8+ T Cells Into Gastrocnemius Tendon. <i>Frontiers in Microbiology</i> , 2022, 13, 869164.	1.5	1
49	Exposure of embryonating eggs to <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> potentiates <i>E. coli</i> pathogenicity and increases mortality of neonatal chickens. <i>Poultry Science</i> , 2022, 101, 101983.	1.5	1
50	Comparison of Therapeutic Antibiotics, Probiotics, and Synthetic CpG-ODNs for Protective Efficacy Against <i>Escherichia coli</i> Lethal Infection and Impact on the Immune System in Neonatal Broiler Chickens. <i>Avian Diseases</i> , 2022, 66, .	0.4	1
51	Assessment of neutrophil function in canine cancer patients undergoing chemotherapy and correlation with neutrophil numbers. <i>Canadian Journal of Veterinary Research</i> , 2021, 85, 137-144.	0.2	0