

# Suresh K Tikoo

## List of Publications by Year in descending order

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95  
papers

2,282  
citations

236925

25  
h-index

243625

44  
g-index

95  
all docs

95  
docs citations

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times ranked

2031  
citing authors

#	ARTICLE	IF	CITATIONS
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1			
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#	ARTICLE	IF	CITATIONS
19	A lumpy skin disease virus deficient of an IL-10 gene homologue provides protective immunity against virulent capripoxvirus challenge in sheep and goats. <i>Antiviral Research</i> , 2015, 123, 39-49.	4.1	33
20	The immunogenicity and efficacy of replication-defective and replication-competent bovine adenovirus-3 expressing bovine herpesvirus-1 glycoprotein gD in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2000, 76, 257-268.	1.2	32
21	Role of Bovine Adenovirus-3 33K protein in viral replication. <i>Virology</i> , 2004, 323, 59-69.	2.4	32
22	Transcriptional analysis of avian embryonic tissues following infection with avian infectious bronchitis virus. <i>Virus Research</i> , 2005, 110, 41-55.	2.2	32
23	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.	3.8	32
24	Characterization of Bovine Adenovirus Type 3 E1 Proteins and Isolation of E1-Expressing Cell Lines. <i>Virology</i> , 2002, 295, 108-118.	2.4	30
25	CpG-ODNs induced changes in cytokine/chemokines genes expression associated with suppression of infectious bronchitis virus replication in chicken lungs. <i>Veterinary Immunology and Immunopathology</i> , 2014, 160, 209-217.	1.2	30
26	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.	1.9	26
27	Efficient replication and generation of recombinant bovine adenovirus in nonbovine cotton rat lung cells expressing $\lambda$ endonuclease. <i>Journal of Gene Medicine</i> , 2010, 12, 840-847.	2.8	25
28	A Porcine Adenovirus with Low Human Seroprevalence Is a Promising Alternative Vaccine Vector to Human Adenovirus 5 in an H5N1 Virus Disease Model. <i>PLoS ONE</i> , 2010, 5, e15301.	2.5	25
29	Passively acquired membrane proteins alter the functional capacity of bovine polymorphonuclear cells. <i>Journal of Leukocyte Biology</i> , 2006, 80, 481-491.	3.3	24
30	Protection of Neonatal Broiler Chickens Following <i>in ovo</i> Delivery of Oligodeoxynucleotides Containing CpG Motifs (CpG-ODN) Formulated with Carbon Nanotubes or Liposomes. <i>Avian Diseases</i> , 2015, 59, 31-37.	1.0	24
31	Synthetic CpG-ODN rapidly enriches immune compartments in neonatal chicks to induce protective immunity against bacterial infections. <i>Scientific Reports</i> , 2019, 9, 341.	3.3	23
32	Transcription Mapping and Characterization of 284R and 121R Proteins Produced from Early Region 3 of Bovine Adenovirus Type 3. <i>Virology</i> , 1999, 256, 351-359.	2.4	22
33	Vaccination of pigs with a recombinant porcine adenovirus expressing the gD gene from pseudorabies virus. <i>Vaccine</i> , 2001, 19, 3752-3758.	3.8	21
34	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.	3.8	21
35	Investigation of the cause of geographic disparities in IDEXX ELISA sensitivity in serum samples from <i>Mycobacterium bovis</i> -infected cattle. <i>Scientific Reports</i> , 2016, 6, 22763.	3.3	20
36	Immune responses to <i>in ovo</i> vaccine formulations containing inactivated fowl adenovirus 8b with poly[di(sodium carboxylatoethylphenoxy)]phosphazene (PCEP) and avian beta defensin as adjuvants in chickens. <i>Vaccine</i> , 2017, 35, 981-986.	3.8	20

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37	Lymphocyte Proliferative Responses to Recombinant Bovine Herpes Virus Type 1 (BHV-1) Glycoprotein gD (gIV) in Immune Cattle: Identification of a T Cell Epitope. <i>Viral Immunology</i> , 1995, 8, 19-25.	1.3	19
38	Transcription Map and Expression of Bovine Herpesvirus-1 Glycoprotein D in Early Region 4 of Bovine Adenovirus-3. <i>Virology</i> , 1999, 261, 143-152.	2.4	18
39	Administration of Poly[di(sodium carboxylatoethylphenoxy)phosphazene] (PCEP) and Avian Beta Defensin as Adjuvants in Inactivated Inclusion Body Hepatitis Virus and its Hexon Protein-Based Experimental Vaccine Formulations in Chickens. <i>Avian Diseases</i> , 2015, 59, 518-524.	1.0	18
40	Analysis of Early Region 1 of Porcine Adenovirus Type 3. <i>Virology</i> , 2001, 291, 68-76.	2.4	15
41	Interaction of bovine adenovirus-3 33K protein with other viral proteins. <i>Virology</i> , 2008, 381, 29-35.	2.4	15
42	Mapping of nuclear import signal and importin $\beta$ 3 binding regions of 52K protein of bovine adenovirus-3. <i>Virology</i> , 2012, 432, 63-72.	2.4	14
43	Intrapulmonary Delivery of CpG-ODN Microdroplets Provides Protection Against <i>Escherichia coli</i> Septicemia in Neonatal Broiler Chickens. <i>Avian Diseases</i> , 2017, 61, 503-511.	1.0	14
44	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.	4.9	14
45	Determination of bovine adenovirus-3 titer based on immunohistochemical detection of DNA binding protein in infected cells. <i>Journal of Virological Methods</i> , 2001, 94, 147-153.	2.1	13
46	Induction of PrP <sup>Sc</sup> -specific systemic and mucosal immune responses in white-tailed deer with an oral vaccine for chronic wasting disease. <i>Prion</i> , 2017, 11, 368-380.	1.8	13
47	Role of Hsp90 in CpG ODN mediated immunostimulation in avian macrophages. <i>Molecular Immunology</i> , 2010, 47, 1337-1346.	2.2	12
48	Inactivated and live bivalent fowl adenovirus (FAdV8 + FAdV11) breeder vaccines provide broad-spectrum protection in chicks against inclusion body hepatitis (IBH). <i>Vaccine</i> , 2018, 36, 744-750.	3.8	12
49	Cleavage of bovine adenovirus type 3 non-structural 100K protein by protease is required for nuclear localization in infected cells but is not essential for virus replication. <i>Journal of General Virology</i> , 2015, 96, 2749-2763.	2.9	12
50	Conserved regions of bovine adenovirus-3 pVIII contain functional domains involved in nuclear localization and packaging in mature infectious virions. <i>Journal of General Virology</i> , 2014, 95, 1743-1754.	2.9	12
51	Genetic organization and DNA sequence of early region 4 of bovine adenovirus type 3. <i>Virus Genes</i> , 1998, 17, 99-100.	1.6	11
52	Mucosal immunization of calves with recombinant bovine adenovirus-3 coexpressing truncated form of bovine herpesvirus-1 gD and bovine IL-6. <i>Vaccine</i> , 2014, 32, 3300-3306.	3.8	11
53	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.	3.3	11
54	Characterization of bovine adenovirus type 3 early region 2B. <i>Virus Genes</i> , 1998, 16, 313-316.	1.6	10

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55	Bovine adenovirus-3 as a vaccine delivery vehicle. <i>Vaccine</i> , 2015, 33, 493-499.	3.8	10
56	Bovine Adenovirus Type 3 E1Bsmall Protein Is Essential for Growth in Bovine Fibroblast Cells. <i>Virology</i> , 2001, 288, 264-274.	2.4	9
57	Mutational Analysis of Early Region 4 of Bovine Adenovirus Type 3. <i>Virology</i> , 2001, 290, 153-163.	2.4	9
58	Respiratory Diseases of Small Ruminants. <i>Veterinary Medicine International</i> , 2014, 2014, 1-2.	1.5	9
59	Porcine retinal cell line VIDO R1 and <i>Chlamydia suis</i> to modelize ocular chlamydiosis. <i>Veterinary Immunology and Immunopathology</i> , 2015, 166, 95-107.	1.2	9
60	Conserved Arginines of Bovine Adenovirus-3 33K Protein Are Important for Transportin-3 Mediated Transport and Virus Replication. <i>PLoS ONE</i> , 2014, 9, e101216.	2.5	9
61	Optimization of bovine coronavirus hemagglutinin-estrase glycoprotein expression in E3 deleted bovine adenovirus-3. <i>Virus Research</i> , 2000, 70, 65-73.	2.2	8
62	Bovine adenovirus-3 E1A coding region contain cis-acting DNA packaging motifs. <i>Virus Research</i> , 2007, 130, 315-320.	2.2	8
63	Bovine adenovirus 3 core protein precursor pVII localizes to mitochondria, and modulates ATP synthesis, mitochondrial Ca <sup>2+</sup> and mitochondrial membrane potential. <i>Journal of General Virology</i> , 2014, 95, 442-452.	2.9	8
64	Recombinant Bovine Adenovirus-3 Co-Expressing Bovine Respiratory Syncytial Virus Glycoprotein G and Truncated Glycoprotein gD of Bovine Herpesvirus-1 Induce Immune Responses in Cotton Rats. <i>Molecular Biotechnology</i> , 2015, 57, 58-64.	2.4	8
65	Characterization of DNA Binding Protein of Porcine Adenovirus Type 3. <i>Intervirology</i> , 2001, 44, 350-354.	2.8	7
66	Milk-derived antimicrobial peptides to protect against Neonatal Diarrheal Disease: An alternative to antibiotics. <i>Procedia in Vaccinology</i> , 2012, 6, 21-32.	0.4	7
67	Effect of bovine adenovirus 3 on mitochondria. <i>Veterinary Research</i> , 2014, 45, 45.	3.0	7
68	US3 Kinase-Mediated Phosphorylation of Tegument Protein VP8 Plays a Critical Role in the Cellular Localization of VP8 and Its Effect on the Lipid Metabolism of Bovine Herpesvirus 1-Infected Cells. <i>Journal of Virology</i> , 2019, 93, .	3.4	7
69	293T cells expressing simian virus 40 T antigen are semi-permissive to bovine adenovirus type 3 infection. <i>Journal of General Virology</i> , 2006, 87, 817-821.	2.9	6
70	CD40 agonist converting CTL exhaustion via the activation of the mTORC1 pathway enhances PD-1 antagonist action in rescuing exhausted CTLs in chronic infection. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 662-667.	2.1	6
71	Proteolytic Cleavage of Bovine Adenovirus 3-Encoded pVIII. <i>Journal of Virology</i> , 2017, 91, .	3.4	6
72	Broad spectrum protection of broiler chickens against inclusion body hepatitis by immunizing their broiler breeder parents with a bivalent live fowl adenovirus vaccine. <i>Research in Veterinary Science</i> , 2018, 118, 262-269.	1.9	6

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73	Proteomic analysis of purified turkey adenovirus 3 virions. <i>Veterinary Research</i> , 2015, 46, 79.	3.0	5
74	Bovine Adenovirus-3 pVIII Suppresses Cap-Dependent mRNA Translation Possibly by Interfering with the Recruitment of DDX3 and Translation Initiation Factors to the mRNA Cap. <i>Frontiers in Microbiology</i> , 2016, 7, 2119.	3.5	5
75	Deletion of pV affects integrity of capsid causing defect in the infectivity of bovine adenovirus-3. <i>Journal of General Virology</i> , 2016, 97, 2657-2667.	2.9	5
76	Functional Characterization of Bovine Parainfluenza Virus Type 3 Hemagglutinin-Neuraminidase and Fusion Proteins Expressed by Adenovirus Recombinants. <i>Intervirology</i> , 1998, 41, 253-260.	2.8	4
77	Analysis of early region 4 of porcine adenovirus type 3. <i>Virus Research</i> , 2004, 104, 181-190.	2.2	4
78	Generation of infectious clone of bovine adenovirus type I expressing a visible marker gene. <i>Journal of Virological Methods</i> , 2018, 261, 139-146.	2.1	4
79	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.	2.2	4
80	Evaluation of promoters for foreign gene expression in the E3 region of bovine adenovirus type-3. <i>Virus Research</i> , 2005, 110, 169-176.	2.2	3
81	Proteomic Analysis of Bovine Nucleolus. <i>Genomics, Proteomics and Bioinformatics</i> , 2010, 8, 145-158.	6.9	3
82	Bovine adenovirus protein VIII associates with eukaryotic initiation factor eIF6 during infection. <i>Cellular Microbiology</i> , 2018, 20, e12842.	2.1	3
83	Domains of bovine adenovirus-3 protein 22K involved in interacting with viral protein 52K and cellular importins $\alpha 5/\alpha 7$ . <i>Virology</i> , 2018, 522, 209-219.	2.4	3
84	Regions of bovine adenovirus-3 IVa2 involved in nuclear/nucleolar localization and interaction with pV. <i>Virology</i> , 2020, 546, 25-37.	2.4	3
85	CpG-ODN induced antimicrobial immunity in neonatal chicks involves a substantial shift in serum metabolic profiles. <i>Scientific Reports</i> , 2021, 11, 9028.	3.3	3
86	Leucine residues in conserved region of 33K protein of bovine adenovirus " 3 are important for binding to major late promoter and activation of late gene expression. <i>Virology</i> , 2015, 483, 174-184.	2.4	2
87	Porcine Adenovirus Type 3 E3 Encodes a Structural Protein Essential for Capsid Stability and Production of Infectious Progeny Virions. <i>Journal of Virology</i> , 2018, 92, .	3.4	2
88	Nuclear and Nucleolar Localization of Bovine Adenovirus-3 Protein V. <i>Frontiers in Microbiology</i> , 2020, 11, 579593.	3.5	2
89	A Novel and Simple Method for Rapid Generation of Recombinant Porcine Adenoviral Vectors for Transgene Expression. <i>PLoS ONE</i> , 2015, 10, e0127958.	2.5	2
90	121R Protein from the E3 Region of Bovine Adenovirus-3 Inhibits Cytolysis of Mouse Cells by Human Tumor Necrosis Factor. <i>Intervirology</i> , 2001, 44, 29-35.	2.8	1

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91	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.	3.5	1
92	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, .	1.0	1
93	Bovine adenovirus type 3 virions cannot be rescued in vivo after full-length viral genome transfection in the absence of detectable polypeptide IX. <i>Journal of Veterinary Science</i> , 2017, 18, 217.	1.3	0
94	Bovine Adenovirus-3 Tropism for Bovine Leukocyte Sub-Populations. <i>Viruses</i> , 2020, 12, 1431.	3.3	0
95	Adenovirus Vectors. , 2021, , 53-70.		0