

Venugopal Nair

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papers

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179
ext. papers

6,221
ext. citations

4.6
avg, IF

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L-index

#	Paper	IF	Citations
171	Imperfect Vaccination Can Enhance the Transmission of Highly Virulent Pathogens. <i>PLoS Biology</i> , 2015 , 13, e1002198	9.7	197
170	The long view: 40 years of avian leukosis research. <i>Avian Pathology</i> , 2012 , 41, 11-9	2.4	192
169	A robust system for RNA interference in the chicken using a modified microRNA operon. <i>Developmental Biology</i> , 2006 , 294, 554-63	3.1	175
168	Critical role of the virus-encoded microRNA-155 ortholog in the induction of Marek's disease lymphomas. <i>PLoS Pathogens</i> , 2011 , 7, e1001305	7.6	144
167	Development and application of polymerase chain reaction (PCR) tests for the detection of subgroup J avian leukosis virus. <i>Virus Research</i> , 1998 , 54, 87-98	6.4	138
166	Evolution of Marek's disease -- a paradigm for incessant race between the pathogen and the host. <i>Veterinary Journal</i> , 2005 , 170, 175-83	2.5	129
165	A functional MicroRNA-155 ortholog encoded by the oncogenic Marek's disease virus. <i>Journal of Virology</i> , 2009 , 83, 489-92	6.6	125
164	MicroRNA profile of Marek's disease virus-transformed T-cell line MSB-1: predominance of virus-encoded microRNAs. <i>Journal of Virology</i> , 2008 , 82, 4007-15	6.6	115
163	Oncogenicity of virulent Marek's disease virus cloned as bacterial artificial chromosomes. <i>Journal of Virology</i> , 2004 , 78, 13376-80	6.6	109
162	Virus-encoded microRNAs: novel regulators of gene expression. <i>Trends in Microbiology</i> , 2006 , 14, 169-75	12.4	107
161	Complete sequence of two tick-borne flaviviruses isolated from Siberia and the UK: analysis and significance of the 5' and 3'-UTRs. <i>Virus Research</i> , 1997 , 49, 27-39	6.4	105
160	Absolute quantitation of Marek's disease virus genome copy number in chicken feather and lymphocyte samples using real-time PCR. <i>Journal of Virological Methods</i> , 2005 , 123, 53-64	2.6	104
159	A virus-encoded telomerase RNA promotes malignant T cell lymphomagenesis. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1307-17	16.6	102
158	Interaction of MEQ protein and C-terminal-binding protein is critical for induction of lymphomas by Marek's disease virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 1687-92	11.5	95
157	Attenuation of Marek's disease virus by deletion of open reading frame RLORF4 but not RLORF5a. <i>Journal of Virology</i> , 2005 , 79, 11647-59	6.6	90
156	Horizontal transmission of Marek's disease virus requires US2, the UL13 protein kinase, and gC. <i>Journal of Virology</i> , 2007 , 81, 10575-87	6.6	88
155	Marek's disease virus type 2 (MDV-2)-encoded microRNAs show no sequence conservation with those encoded by MDV-1. <i>Journal of Virology</i> , 2007 , 81, 7164-70	6.6	87

154	Avian leukosis virus subgroup J: a rapidly evolving group of oncogenic retroviruses. <i>Research in Veterinary Science</i> , 1999 , 67, 113-9	2.5	84
153	Expression levels of MHC class I molecules are inversely correlated with promiscuity of peptide binding. <i>ELife</i> , 2015 , 4, e05345	8.9	81
152	Infection of macrophages by a lymphotropic herpesvirus: a new tropism for Marek's disease virus. <i>Journal of General Virology</i> , 2003 , 84, 2635-2645	4.9	76
151	Replication-competent bacterial artificial chromosomes of Marek's disease virus: novel tools for generation of molecularly defined herpesvirus vaccines. <i>Journal of Virology</i> , 2003 , 77, 8712-8	6.6	76
150	Comparative full-length sequence analysis of oncogenic and vaccine (Rispens) strains of Marek's disease virus. <i>Journal of General Virology</i> , 2007 , 88, 1080-1096	4.9	75
149	Use of Marek's disease vaccines: could they be driving the virus to increasing virulence?. <i>Expert Review of Vaccines</i> , 2005 , 4, 77-88	5.2	73
148	Herpesvirus of turkey reconstituted from bacterial artificial chromosome clones induces protection against Marek's disease. <i>Journal of General Virology</i> , 2006 , 87, 769-776	4.9	68
147	Immunisation with DNA polynucleotides protects mice against lethal challenge with St. Louis encephalitis virus. <i>Archives of Virology</i> , 1996 , 141, 743-9	2.6	68
146	Global distributions and strain diversity of avian infectious bronchitis virus: a review. <i>Animal Health Research Reviews</i> , 2017 , 18, 70-83	2.1	67
145	Novel endogenous retroviral sequences in the chicken genome closely related to HPRS-103 (subgroup J) avian leukosis virus. <i>Journal of General Virology</i> , 1999 , 80 (Pt 1), 261-268	4.9	64
144	Systems analysis of immune responses in Marek's disease virus-infected chickens identifies a gene involved in susceptibility and highlights a possible novel pathogenicity mechanism. <i>Journal of Virology</i> , 2011 , 85, 11146-58	6.6	60
143	vLIP, a viral lipase homologue, is a virulence factor of Marek's disease virus. <i>Journal of Virology</i> , 2005 , 79, 6984-96	6.6	58
142	Vaccinal control of Marek's disease: current challenges, and future strategies to maximize protection. <i>Veterinary Immunology and Immunopathology</i> , 2006 , 112, 78-86	2	57
141	Differential expression of microRNAs in Marek's disease virus-transformed T-lymphoma cell lines. <i>Journal of General Virology</i> , 2009 , 90, 1551-1559	4.9	54
140	Replication kinetics of Marek's disease vaccine virus in feathers and lymphoid tissues using PCR and virus isolation. <i>Journal of General Virology</i> , 2005 , 86, 2989-2998	4.9	54
139	Turkey and chicken interferon-gamma, which share high sequence identity, are biologically cross-reactive. <i>Developmental and Comparative Immunology</i> , 2001 , 25, 69-82	3.2	54
138	Recombinant herpesvirus of turkeys as a vector-based vaccine against highly pathogenic H7N1 avian influenza and Marek's disease. <i>Vaccine</i> , 2011 , 29, 8257-66	4.1	51
137	The viral envelope is a major determinant for the induction of lymphoid and myeloid tumours by avian leukosis virus subgroups A and J, respectively. <i>Journal of General Virology</i> , 2002 , 83, 2553-2561	4.9	51

136	The long view: 40 years of Marek's disease research and Avian Pathology. <i>Avian Pathology</i> , 2012 , 41, 3-9	2.4	49
135	Sequencing and antigenic studies of a Norwegian virus isolated from encephalomyelitic sheep confirm the existence of louping ill virus outside Great Britain and Ireland. <i>Journal of General Virology</i> , 1993 , 74 (Pt 1), 109-14	4.9	49
134	MicroRNAs 221 and 222 target p27Kip1 in Marek's disease virus-transformed tumour cell line MSB-1. <i>Journal of General Virology</i> , 2009 , 90, 1164-1171	4.9	48
133	Functional evaluation of the role of reticuloendotheliosis virus long terminal repeat (LTR) integrated into the genome of a field strain of Marek's disease virus. <i>Virology</i> , 2010 , 397, 270-6	3.6	45
132	Towards a new generation of flavivirus vaccines. <i>Vaccine</i> , 1994 , 12, 966-75	4.1	45
131	Analysis of part of the chicken Rfp-Y region reveals two novel lectin genes, the first complete genomic sequence of a class I alpha-chain gene, a truncated class II beta-chain gene, and a large CR1 repeat. <i>Immunogenetics</i> , 2003 , 55, 100-8	3.2	44
130	Nucleotide sequence of the envelope glycoprotein of Negishi virus shows very close homology to louping ill virus. <i>Virology</i> , 1992 , 190, 515-21	3.6	44
129	Comparative sequence analysis of a highly oncogenic but horizontal spread-defective clone of Marek's disease virus. <i>Virus Genes</i> , 2007 , 35, 753-66	2.3	41
128	Marek's disease: an update on oncogenic mechanisms and control. <i>Research in Veterinary Science</i> , 2000 , 69, 17-23	2.5	41
127	Role of virus-encoded microRNAs in Avian viral diseases. <i>Viruses</i> , 2014 , 6, 1379-94	6.2	40
126	Homodimerization of the Meq viral oncoprotein is necessary for induction of T-cell lymphoma by Marek's disease virus. <i>Journal of Virology</i> , 2009 , 83, 11142-51	6.6	40
125	Avian endogenous retrovirus EAV-HP shares regions of identity with avian leukosis virus subgroup J and the avian retrotransposon ART-CH. <i>Journal of Virology</i> , 2000 , 74, 1296-306	6.6	40
124	Nucleotide and deduced amino acid sequence of the envelope gene of the Vasilchenko strain of TBE virus; comparison with other flaviviruses. <i>Virus Research</i> , 1993 , 27, 201-9	6.4	40
123	E (XSR) element contributes to the oncogenicity of Avian leukosis virus (subgroup J). <i>Journal of General Virology</i> , 2006 , 87, 2685-2692	4.9	39
122	Retrovirus-induced oncogenesis and safety of retroviral vectors. <i>Current Opinion in Molecular Therapeutics</i> , 2008 , 10, 431-8		39
121	Recent advances in viral vectors in veterinary vaccinology. <i>Current Opinion in Virology</i> , 2018 , 29, 1-7	7.5	35
120	Latency and tumorigenesis in Marek's disease. <i>Avian Diseases</i> , 2013 , 57, 360-5	1.6	35
119	Real-time PCR for differential quantification of CVI988 vaccine virus and virulent strains of Marek's disease virus. <i>Journal of Virological Methods</i> , 2016 , 233, 23-36	2.6	33

118	Acutely transforming avian leukosis virus subgroup J strain 966: defective genome encodes a 72-kilodalton Gag-Myc fusion protein. <i>Journal of Virology</i> , 2001 , 75, 4219-25	6.6	33
117	An avian retrovirus uses canonical expression and processing mechanisms to generate viral microRNA. <i>Journal of Virology</i> , 2014 , 88, 2-9	6.6	32
116	Epigenetic regulation of the latency-associated region of Marek's disease virus in tumor-derived T-cell lines and primary lymphoma. <i>Journal of Virology</i> , 2012 , 86, 1683-95	6.6	32
115	Recombinant env-gp85 of HPRS-103 (Subgroup J) Avian Leukosis Virus: Antigenic Characteristics and Usefulness as a Diagnostic Reagent. <i>Avian Diseases</i> , 1997 , 41, 283	1.6	31
114	Clonal structure of rapid-onset MDV-driven CD4+ lymphomas and responding CD8+ T cells. <i>PLoS Pathogens</i> , 2011 , 7, e1001337	7.6	30
113	Self-excision of the BAC sequences from the recombinant Marek's disease virus genome increases replication and pathogenicity. <i>Virology Journal</i> , 2008 , 5, 19	6.1	30
112	Cryopreservation of specialized chicken lines using cultured primordial germ cells. <i>Poultry Science</i> , 2016 , 95, 1905-11	3.9	30
111	Targeting Marek's disease virus by RNA interference delivered from a herpesvirus vaccine. <i>Vaccine</i> , 2009 , 27, 298-306	4.1	29
110	Analysis of the expression profiles of Marek's disease virus-encoded microRNAs by real-time quantitative PCR. <i>Journal of Virological Methods</i> , 2008 , 149, 201-8	2.6	29
109	A simple and rapid approach to develop recombinant avian herpesvirus vectored vaccines using CRISPR/Cas9 system. <i>Vaccine</i> , 2018 , 36, 716-722	4.1	28
108	MicroRNA-26a-mediated regulation of interleukin-2 expression in transformed avian lymphocyte lines. <i>Cancer Cell International</i> , 2010 , 10, 15	6.4	28
107	Analysis of the structural protein gene sequence shows Kyasanur Forest disease virus as a distinct member in the tick-borne encephalitis virus serocomplex. <i>Journal of General Virology</i> , 1994 , 75 (Pt 1), 227-32	4.9	28
106	Influenza A virus PB1-F2 protein prolongs viral shedding in chickens lengthening the transmission window. <i>Journal of General Virology</i> , 2016 , 97, 2516-2527	4.9	28
105	Differential quantification of cloned CVI988 vaccine strain and virulent RB-1B strain of Marek's disease viruses in chicken tissues, using real-time PCR. <i>Research in Veterinary Science</i> , 2011 , 91, 167-174	2.5	27
104	Cloning of Gallid herpesvirus 3 (Marek's disease virus serotype-2) genome as infectious bacterial artificial chromosomes for analysis of viral gene functions. <i>Journal of Virological Methods</i> , 2009 , 158, 11-7	2.6	27
103	Assessing the roles of endogenous retrovirus EAV-HP in avian leukosis virus subgroup J emergence and tolerance. <i>Journal of Virology</i> , 2004 , 78, 10525-35	6.6	26
102	Correlation of Marek's disease herpesvirus vaccine virus genome load in feather tips with protection, using an experimental challenge model. <i>Avian Pathology</i> , 2007 , 36, 467-74	2.4	25
101	Precise gene editing of chicken Na ⁺ /H ⁺ exchange type 1 (chNHE1) confers resistance to avian leukosis virus subgroup J (ALV-J). <i>Developmental and Comparative Immunology</i> , 2017 , 77, 340-349	3.2	24

100	Interaction of Marek's disease virus oncoprotein Meq with heat-shock protein 70 in lymphoid tumour cells. <i>Journal of General Virology</i> , 2009 , 90, 2201-8	4.9	24
99	Novel microRNAs (miRNAs) encoded by herpesvirus of Turkeys: evidence of miRNA evolution by duplication. <i>Journal of Virology</i> , 2009 , 83, 6969-73	6.6	24
98	Industry-Wide Surveillance of Marek's Disease Virus on Commercial Poultry Farms. <i>Avian Diseases</i> , 2017 , 61, 153-164	1.6	23
97	Chicken Interferon-induced Protein with Tetratricopeptide Repeats 5 Antagonizes Replication of RNA Viruses. <i>Scientific Reports</i> , 2018 , 8, 6794	4.9	22
96	A BAC clone of MDV strain GX0101 with REV-LTR integration retained its pathogenicity. <i>Science Bulletin</i> , 2009 , 54, 2641-2647	10.6	22
95	A single chain antibody fragment expressed in bacteria neutralizes tick-borne flaviviruses. <i>Virology</i> , 1994 , 200, 21-8	3.6	22
94	Relationship between levels of very virulent MDV in poultry dust and in feather tips from vaccinated chickens. <i>Avian Diseases</i> , 2013 , 57, 440-7	1.6	20
93	Genotypic characterization of two bacterial artificial chromosome clones derived from a single DNA source of the very virulent gallid herpesvirus-2 strain C12/130. <i>Journal of General Virology</i> , 2011 , 92, 1500-1507 ²⁰	4.9	20
92	Marek's disease virus oncogenicity 2004 , 32-48		20
91	Tropism of subgroup J avian leukosis virus as detected by in situ hybridization. <i>Avian Pathology</i> , 1999 , 28, 163-9	2.4	19
90	Identification of an intercistronic internal ribosome entry site in a Marek's disease virus immediate-early gene. <i>Journal of Virology</i> , 2009 , 83, 5846-53	6.6	18
89	Differential gene expression in chicken primary B cells infected ex vivo with attenuated and very virulent strains of infectious bursal disease virus (IBDV). <i>Journal of General Virology</i> , 2017 , 98, 2918-2930 ^{4.9}	4.9	18
88	Marek's Disease Virus-Encoded MicroRNA 155 Ortholog Critical for the Induction of Lymphomas Is Not Essential for the Proliferation of Transformed Cell Lines. <i>Journal of Virology</i> , 2019 , 93,	6.6	17
87	Monocytosis is associated with the onset of leukocyte and viral infiltration of the brain in chickens infected with the very virulent Marek's disease virus strain C12/130. <i>Avian Pathology</i> , 2003 , 32, 183-91	2.4	17
86	Marek's disease, candidiasis and megabacteriosis in a flock of chickens (<i>Gallus gallus domesticus</i>) and Japanese quail (<i>Coturnix japonica</i>). <i>Veterinary Record</i> , 2003 , 153, 293-7	0.9	17
85	Supplementation of Vitamin E Protects Chickens from Newcastle Disease Virus-Mediated Exacerbation of Intestinal Oxidative Stress and Tissue Damage. <i>Cellular Physiology and Biochemistry</i> , 2018 , 47, 1655-1666	3.9	17
84	Spotlight on avian pathology: Marek's disease. <i>Avian Pathology</i> , 2018 , 47, 440-442	2.4	16
83	Chicken IFN Kappa: A Novel Cytokine with Antiviral Activities. <i>Scientific Reports</i> , 2017 , 7, 2719	4.9	16

82	Molecular pathogenesis of Marek's disease-recent developments. <i>Avian Pathology</i> , 1995 , 24, 597-609	2.4	16
81	Exosomes Carry microRNAs into Neighboring Cells to Promote Diffusive Infection of Newcastle Disease Virus. <i>Viruses</i> , 2019 , 11,	6.2	15
80	Potential of genotype VII Newcastle disease viruses to cause differential infections in chickens and ducks. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 1851-1862	4.2	15
79	Novel microRNAs encoded by duck enteritis virus. <i>Journal of General Virology</i> , 2012 , 93, 1530-1536	4.9	15
78	Comparative efficacy of BAC-derived recombinant SB-1 vaccine and the parent wild type strain in preventing replication, shedding and disease induced by virulent Marek's disease virus. <i>Research in Veterinary Science</i> , 2010 , 89, 140-5	2.5	15
77	A direct comparison of strategies for combinatorial RNA interference. <i>BMC Molecular Biology</i> , 2010 , 11, 77	4.5	15
76	Marek's disease virus infection of phagocytes: a de novo in vitro infection model. <i>Journal of General Virology</i> , 2017 , 98, 1080-1088	4.9	15
75	Generation of A Triple Insert Live Avian Herpesvirus Vectors Vaccine Using CRISPR/Cas9-Based Gene Editing. <i>Vaccines</i> , 2020 , 8,	5.3	14
74	Vitamin E Supplementation Ameliorates Newcastle Disease Virus-Induced Oxidative Stress and Alleviates Tissue Damage in the Brains of Chickens. <i>Viruses</i> , 2018 , 10,	6.2	14
73	An enzyme-linked immunosorbent assay (ELISA) for detection of Marek's disease virus-specific antibodies and its application in an experimental vaccine trial. <i>Zoonoses and Public Health</i> , 2004 , 51, 61-7		14
72	Molecular characterization of Marek's disease virus in a poultry layer farm from Colombia. <i>Poultry Science</i> , 2017 , 96, 1598-1608	3.9	13
71	Targeted Editing of the Gene in Marek's Disease Virus-Transformed Cell Lines Using CRISPR/Cas9 System. <i>Viruses</i> , 2019 , 11,	6.2	13
70	Acquisition of resistance to avian leukosis virus subgroup B through mutations on tvb cysteine-rich domains in DF-1 chicken fibroblasts. <i>Veterinary Research</i> , 2017 , 48, 48	3.8	13
69	Outbreak of Marek's disease in a flock of turkeys in Scotland. <i>Veterinary Record</i> , 2002 , 150, 277-9	0.9	13
68	17D yellow fever vaccine virus envelope protein expressed by recombinant baculovirus is antigenically indistinguishable from authentic viral protein. <i>Journal of General Virology</i> , 1991 , 72 (Pt 6), 1451-4	4.9	13
67	Multifunctional miR-155 Pathway in Avian Oncogenic Virus-Induced Neoplastic Diseases. <i>Non-coding RNA</i> , 2019 , 5,	7.1	12
66	Application of CRISPR/Cas9 Gene Editing System on MDV-1 Genome for the Study of Gene Function. <i>Viruses</i> , 2018 , 10,	6.2	12
65	The 5' leader of the mRNA encoding the marek's disease virus serotype 1 pp14 protein contains an intronic internal ribosome entry site with allosteric properties. <i>Journal of Virology</i> , 2009 , 83, 12769-78	6.6	12

64	MicroRNA expression profiles in avian haemopoietic cells. <i>Frontiers in Genetics</i> , 2013 , 4, 153	4.5	11
63	Isolation of acutely transforming subgroup J avian leukosis viruses that induce erythroblastosis and myelocytomatosis. <i>Avian Pathology</i> , 2000 , 29, 327-32	2.4	11
62	Immunity to St. Louis encephalitis virus by sequential immunization with recombinant vaccinia and baculovirus derived PrM/E proteins. <i>Vaccine</i> , 1995 , 13, 1000-5	4.1	11
61	Segregation of EAV-HP ancient endogenous retroviruses within the chicken population. <i>Journal of Virology</i> , 2001 , 75, 11935-8	6.6	10
60	Intact EAV-HP endogenous retrovirus in Sonnerat's jungle fowl. <i>Journal of Virology</i> , 2001 , 75, 2029-32	6.6	10
59	Efficient Mutagenesis of Marek's Disease Virus-Encoded microRNAs Using a CRISPR/Cas9-Based Gene Editing System. <i>Viruses</i> , 2020 , 12,	6.2	9
58	Antiviral effect of lithium chloride on replication of avian leukosis virus subgroup J in cell culture. <i>Archives of Virology</i> , 2018 , 163, 987-995	2.6	9
57	Synergistic Viral Replication of Marek's Disease Virus and Avian Leukosis Virus Subgroup J is Responsible for the Enhanced Pathogenicity in the Superinfection of Chickens. <i>Viruses</i> , 2018 , 10,	6.2	9
56	Poly(A) binding protein 1 enhances cap-independent translation initiation of neurovirulence factor from avian herpesvirus. <i>PLoS ONE</i> , 2014 , 9, e114466	3.7	9
55	Three rs approaches in the production and quality control of avian vaccines. <i>ATLA Alternatives To Laboratory Animals</i> , 2000 , 28, 241-58	2.1	9
54	Marek's disease virus undergoes complete morphogenesis after reactivation in a T-lymphoblastoid cell line transformed by recombinant fluorescent marker virus. <i>Journal of General Virology</i> , 2016 , 97, 480-486	4.9	9
53	Infectivity of wild bird-origin avian paramyxovirus serotype 1 and vaccine effectiveness in chickens. <i>Journal of General Virology</i> , 2016 , 97, 3161-3173	4.9	9
52	An Ex Vivo Chicken Primary Bursal-cell Culture Model to Study Infectious Bursal Disease Virus Pathogenesis. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	9
51	Acquiring Resistance Against a Retroviral Infection via CRISPR/Cas9 Targeted Genome Editing in a Commercial Chicken Line. <i>Frontiers in Genome Editing</i> , 2020 , 2, 3	2.5	8
50	Prototype endogenous avian retroviruses of the genus Gallus. <i>Journal of General Virology</i> , 2014 , 95, 2060-2070	4.9	8
49	Recombinant vaccinia virus expressing PrM and E glycoproteins of louping ill virus: induction of partial homologous and heterologous protection in mice. <i>Research in Veterinary Science</i> , 1994 , 57, 188-93	2.5	8
48	Bursal transcriptome profiling of different inbred chicken lines reveals key differentially expressed genes at 3 days post-infection with very virulent infectious bursal disease virus. <i>Journal of General Virology</i> , 2018 , 99, 21-35	4.9	8
47	Generating Recombinant Avian Herpesvirus Vectors with CRISPR/Cas9 Gene Editing. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	7

46	Sequential disruption of ALV host receptor genes reveals no sharing of receptors between ALV subgroups A, B, and J. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 23	6	7
45	NDV entry into dendritic cells through macropinocytosis and suppression of T lymphocyte proliferation. <i>Virology</i> , 2018 , 518, 126-135	3.6	7
44	Identification of a neurovirulence factor from Marek's disease virus. <i>Avian Diseases</i> , 2013 , 57, 387-94	1.6	7
43	Subgroup J avian leukosis virus infection in turkeys: induction of rapid onset tumours by acutely transforming virus strain 966. <i>Avian Pathology</i> , 2000 , 29, 319-25	2.4	7
42	Avian leukosis virus subgroup J induces VEGF expression via NF- κ B/PI3K-dependent IL-6 production. <i>Oncotarget</i> , 2016 , 7, 80275-80287	3.3	7
41	Activation of gga-miR-155 by reticuloendotheliosis virus T strain and its contribution to transformation. <i>Journal of General Virology</i> , 2017 , 98, 810-820	4.9	7
40	3 SB-1 strain as a recombinant viral vector for poultry vaccination. <i>Npj Vaccines</i> , 2018 , 3, 21	9.5	7
39	Development of an IgM capture assay for the diagnosis of B19 parvovirus infection using recombinant baculoviruses expressing VP1 or VP2 antigens. <i>Clinical and Diagnostic Virology</i> , 1995 , 3, 181-90		6
38	Differentially expressed genes during spontaneous lytic switch of Marek's disease virus in lymphoblastoid cell lines determined by global gene expression profiling. <i>Journal of General Virology</i> , 2017 , 98, 779-790	4.9	6
37	Latest Advances of Virology Research Using CRISPR/Cas9-Based Gene-Editing Technology and Its Application to Vaccine Development. <i>Viruses</i> , 2021 , 13,	6.2	6
36	Prevention of Avian Retrovirus Infection in Chickens Using CRISPR-Cas9 Delivered by Marek's Disease Virus. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 21, 343-353	10.7	5
35	MiR-125b Suppression Inhibits Apoptosis and Negatively Regulates Sema4D in Avian Leukosis Virus-Transformed Cells. <i>Viruses</i> , 2019 , 11,	6.2	5
34	Rapid identification of non-essential genes for in vitro replication of Marek's disease virus by random transposon mutagenesis. <i>Journal of Virological Methods</i> , 2006 , 135, 288-91	2.6	5
33	Protection against fowl cholera in ducks immunized with a combination vaccine containing live attenuated duck enteritis virus and recombinant outer membrane protein H of. <i>Avian Pathology</i> , 2020 , 49, 221-229	2.4	5
32	Neoplastic Diseases 2020 , 548-715		5
31	Early pathogenesis during infectious bursal disease in susceptible chickens is associated with changes in B cell genomic methylation and loss of genome integrity. <i>Developmental and Comparative Immunology</i> , 2017 , 73, 169-174	3.2	4
30	Double-stranded RNA induces chicken T-cell lymphoma apoptosis by TRIF and NF- κ B. <i>Scientific Reports</i> , 2017 , 7, 7547	4.9	4
29	Pathogenicity of a very virulent strain of Marek's disease herpesvirus cloned as infectious bacterial artificial chromosomes. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 412829		4

28	Heterologous resistance to superinfection by louping ill virus persistently infected cell cultures. <i>Archives of Virology</i> , 1992 , 125, 251-9	2.6	4
27	Marek's disease virus oncoprotein Meq physically interacts with the chicken infectious anemia virus-encoded apoptotic protein apoptin. <i>Oncotarget</i> , 2018 , 9, 28910-28920	3.3	4
26	Production, characterization, and epitope mapping of a monoclonal antibody against genotype VII Newcastle disease virus V protein. <i>Journal of Virological Methods</i> , 2018 , 260, 88-97	2.6	3
25	Induction of lymphomas by inoculation of Marek's disease virus-derived lymphoblastoid cell lines: prevention by CVI988 vaccination. <i>Avian Pathology</i> , 2012 , 41, 589-98	2.4	3
24	Tick-borne flavivirus NS1 gene: identification of conserved peptides and antigenic analysis of recombinant louping ill virus NS1 protein. <i>Virus Research</i> , 1994 , 31, 245-54	6.4	3
23	Mutagenesis of the repeat regions of herpesviruses cloned as bacterial artificial chromosomes. <i>Methods in Molecular Biology</i> , 2010 , 634, 53-74	1.4	3
22	Novel mutation of avian leukosis virus subgroup J from Tibetan chickens. <i>Poultry Science</i> , 2021 , 100, 100931	3.9	3
21	Evaluation and Identification of Marek's Disease Virus BAC Clones as Standardized Reagents for Research. <i>Avian Diseases</i> , 2017 , 61, 107-114	1.6	2
20	Pervasive Differential Splicing in Marek's Disease Virus can Discriminate CVI-988 Vaccine Strain from RB-1B Very Virulent Strain in Chicken Embryonic Fibroblasts. <i>Viruses</i> , 2020 , 12,	6.2	2
19	Tumors of the Avian Immune System 2014 , 333-344		2
18	A Genetically Engineered Commercial Chicken Line Is Resistant to Highly Pathogenic Avian Leukosis Virus Subgroup J. <i>Microorganisms</i> , 2021 , 9,	4.9	2
17	Vaccine and oncogenic strains of gallid herpesvirus 2 contain specific subtype variations in the 5' region of the latency-associated transcript that evolve in vitro and in vivo. <i>Archives of Virology</i> , 2015 , 160, 161-71	2.6	1
16	Patterns of RNA Editing in Newcastle Disease Virus Infections. <i>Viruses</i> , 2020 , 12,	6.2	1
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