

Dhanavelu Muthuchelvan

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

435
citations

11
h-index

19
g-index

51
ext. papers

620
ext. citations

3.3
avg, IF

3.32
L-index

#	Paper	IF	Citations
46	Differential expression of long non-coding RNAs under (PPRV) infection in goats.. <i>Virulence</i> , 2022 , 13, 310-322	4.7	0
45	A Mouse Model of PPRV Infection for Elucidating Protective and Pathological Roles of Immune Cells. <i>Frontiers in Immunology</i> , 2021 , 12, 630307	8.4	1
44	Systems Biology behind Immunoprotection of Both Sheep and Goats after Sungri/96 PPRV Vaccination. <i>MSystems</i> , 2021 , 6,	7.6	1
43	Avidin-Biotin recombinant antigen capture ELISA for the detection of peste des petits ruminants virus in the clinical specimens of sheep and goats. <i>Journal of Virological Methods</i> , 2021 , 291, 114103	2.6	1
42	Replication competence of canine distemper virus in cell lines expressing signaling lymphocyte activation molecule (SLAM) of goat, sheep and dog origin. <i>Microbial Pathogenesis</i> , 2021 , 156, 104940	3.8	0
41	Avidin-Biotin recombinant nucleoprotein competitive ELISA for the detection of peste des petits ruminants virus antibodies in sheep and goats. <i>Journal of Virological Methods</i> , 2021 , 295, 114213	2.6	1
40	Proteome Modulation in Peripheral Blood Mononuclear Cells of Ruminants Vaccinated Goats and Sheep. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 670968	3.1	
39	Seroprevalence of peste des petits ruminants in sheep and goats in Eastern India. <i>VirusDisease</i> , 2020 , 31, 383-387	3.4	4
38	Seroprevalence study of peste des petits ruminants in sheep and goats in the northern region of India. <i>Veterinary World</i> , 2020 , 13, 1573-1580	1.7	2
37	Towards eradication of peste des petits ruminants: post-vaccination evaluation in sheep and goats in Southern Peninsular India. <i>VirusDisease</i> , 2020 , 31, 539-548	3.4	1
36	Seroprevalence of Peste des petits ruminants in small ruminants in the North Eastern Region of India. <i>Veterinaria Italiana</i> , 2020 , 56,	1	5
35	Cross-sectional seroprevalence study of peste des petits ruminants in goats in Andaman and Nicobar Islands, India. <i>Small Ruminant Research</i> , 2019 , 178, 111-116	1.7	3
34	Phylogenetic analysis of haemagglutinin gene deciphering a new genetically distinct lineage of canine distemper virus circulating among domestic dogs in India. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 1252-1267	4.2	17
33	An outbreak of Goatpox virus infection in Wild Red Serow (<i>Capricornis rubidus</i>) in Mizoram, India. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 181-185	4.2	6
32	Seroprevalence of bluetongue and presence of viral antigen and type-specific neutralizing antibodies in goats in Tripura, a state at Indo-Bangladesh border of northeastern India. <i>Tropical Animal Health and Production</i> , 2019 , 51, 261-265	1.7	4
31	Expression and characterization of the non-structural protein V of small ruminant morbillivirus. <i>VirusDisease</i> , 2019 , 30, 465-468	3.4	
30	Comparative sequence analysis of morbillivirus receptors and its implication in host range expansion. <i>Canadian Journal of Microbiology</i> , 2019 , 65, 783-794	3.2	3

29	Contrasting Gene Expression Profiles of Monocytes and Lymphocytes From Peste-Des-Petits-Ruminants Virus Infected Goats. <i>Frontiers in Immunology</i> , 2019 , 10, 1463	8.4	6
28	Genetic studies of terminal regions of vaccine and field isolates of capripoxviruses. <i>Infection, Genetics and Evolution</i> , 2019 , 76, 104071	4.5	2
27	Expression kinetics of ISG15, IRF3, IFN β , IL10, IL2 and IL4 genes vis-a-vis virus shedding, tissue tropism and antibody dynamics in PPRV vaccinated, challenged, infected sheep and goats. <i>Microbial Pathogenesis</i> , 2018 , 117, 206-218	3.8	14
26	Differentiation of bovine herpesvirus1 subtypes based on UL0.5 gene sequencing. <i>VirusDisease</i> , 2018 , 29, 106-108	3.4	
25	Molecular evidence and phylogenetic analysis of orf virus isolates from outbreaks in Tripura state of North-East India. <i>VirusDisease</i> , 2018 , 29, 216-220	3.4	6
24	Baculovirus expression and purification of peste-des-petits-ruminants virus nucleocapsid protein and its application in diagnostic assay. <i>Biologicals</i> , 2018 , 55, 38-42	1.8	3
23	Monoclonal antibody resistant mutant of vaccine virus. <i>VirusDisease</i> , 2018 , 29, 520-530	3.4	1
22	Dysregulated miRNAome and Proteome of PPRV Infected Goat PBMCs Reveal a Coordinated Immune Response. <i>Frontiers in Immunology</i> , 2018 , 9, 2631	8.4	10
21	Selection and validation of suitable reference genes for qPCR gene expression analysis in goats and sheep under Peste des petits ruminants virus (PPRV), lineage IV infection. <i>Scientific Reports</i> , 2018 , 8, 15969	4.9	4
20	Serosurvey for assessing PPR vaccination status in rural system of Chhattisgarh state of India. <i>Small Ruminant Research</i> , 2018 , 165, 87-92	1.7	6
19	Genome sequencing of an Indian peste des petits ruminants virus isolate, Izatnagar/94, and its implications for virus diversity, divergence and phylogeography. <i>Archives of Virology</i> , 2017 , 162, 1677-1693	3.6	11
18	Comparative and temporal transcriptome analysis of peste des petits ruminants virus infected goat peripheral blood mononuclear cells. <i>Virus Research</i> , 2017 , 229, 28-40	6.4	18
17	Modulation of Host miRNAs Transcriptome in Lung and Spleen of Peste des Petits Ruminants Virus Infected Sheep and Goats. <i>Frontiers in Microbiology</i> , 2017 , 8, 1146	5.7	24
16	Development of reverse transcription loop mediated isothermal amplification assay for rapid detection of bluetongue viruses. <i>Journal of Virological Methods</i> , 2015 , 222, 103-5	2.6	10
15	Peste des petits ruminants. <i>Veterinary Microbiology</i> , 2015 , 181, 90-106	3.3	135
14	Detection and characterization of atypical capripoxviruses among small ruminants in India. <i>Virus Genes</i> , 2015 , 51, 33-8	2.3	13
13	Characterization of cytopathogenicity of classical swine fever virus isolate induced by Newcastle disease virus. <i>VirusDisease</i> , 2015 , 26, 70-6	3.4	
12	Genetic diversity of fusion gene (ORF 117), an analogue of vaccinia virus A27L gene of capripox virus isolates. <i>Virus Genes</i> , 2015 , 50, 325-8	2.3	4

11	Development of a single-plate combined indirect ELISA (CI-ELISA) for the detection of antibodies against peste-des-petits-ruminants and bluetongue viruses in goats. <i>Small Ruminant Research</i> , 2015 , 124, 137-139	1.7	5
10	Sequence-based comparative study of classical swine fever virus genogroup 2.2 isolate with pestivirus reference strains. <i>Veterinary World</i> , 2015 , 8, 1059-62	1.7	4
9	Peste-Des-Petits-Ruminants: An Indian Perspective. <i>Advances in Animal and Veterinary Sciences</i> , 2015 , 3, 422-429	2.8	14
8	Whole-genome sequence of a classical Swine Fever virus isolated from the uttarakhand state of India. <i>Genome Announcements</i> , 2014 , 2,		10
7	Molecular characterization of peste-des-petits ruminants virus (PPRV) isolated from an outbreak in the Indo-Bangladesh border of Tripura state of North-East India. <i>Veterinary Microbiology</i> , 2014 , 174, 591-595	3.3	18
6	Prevalence of classical swine fever virus in India: a 6-year study (2004-2010). <i>Transboundary and Emerging Diseases</i> , 2011 , 58, 461-3	4.2	18
5	Analysis of the matrix protein gene sequence of the Asian lineage of peste-des-petits ruminants vaccine virus. <i>Veterinary Microbiology</i> , 2006 , 113, 83-7	3.3	17
4	Comparative nucleotide sequence analysis of the phosphoprotein gene of peste des petits ruminants vaccine virus of Indian origin. <i>Research in Veterinary Science</i> , 2006 , 81, 158-64	2.5	3
3	Sequence analysis of the nucleoprotein gene of Asian lineage peste des petits ruminants vaccine virus. <i>Veterinary Research Communications</i> , 2006 , 30, 957-63	2.9	6
2	Sequence analysis of the haemagglutinin and fusion protein genes of peste-des-petits ruminants vaccine virus of Indian origin. <i>Virus Genes</i> , 2006 , 32, 71-8	2.3	14
1	Comparative sequence analysis of the large polymerase protein (L) gene of peste-des-petits ruminants (PPR) vaccine virus of Indian origin. <i>Archives of Virology</i> , 2005 , 150, 2467-81	2.6	7