

Dhanavelu Muthuchelvan

List of Publications by Citations

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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 | Peste des petits ruminants. <i>Veterinary Microbiology</i> , 2015 , 181, 90-106 | 3.3 | 135 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | Peste-Des-Petits-Ruminants: An Indian Perspective. <i>Advances in Animal and Veterinary Sciences</i> , 2015 , 3, 422-429 | 2.8 | 14 |
| 36 | Detection and characterization of atypical capripoxviruses among small ruminants in India. <i>Virus Genes</i> , 2015 , 51, 33-8 | 2.3 | 13 |
| 35 | 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 |
| 34 | 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 |
| 33 | Whole-genome sequence of a classical Swine Fever virus isolated from the uttarakhand state of India. <i>Genome Announcements</i> , 2014 , 2, | | 10 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |

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| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | Seroprevalence of Peste des petits ruminants in small ruminants in the North Eastern Region of India. <i>Veterinaria Italiana</i> , 2020 , 56, | 1 | 5 |
| 23 | Seroprevalence of peste des petits ruminants in sheep and goats in Eastern India. <i>VirusDisease</i> , 2020 , 31, 383-387 | 3.4 | 4 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | Genetic studies of terminal regions of vaccine and field isolates of capripoxviruses. <i>Infection, Genetics and Evolution</i> , 2019 , 76, 104071 | 4.5 | 2 |
| 13 | 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 |
| 12 | Monoclonal antibody resistant mutant of vaccine virus. <i>VirusDisease</i> , 2018 , 29, 520-530 | 3.4 | 1 |

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| 11 | 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 |
| 10 | 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 |
| 9 | Systems Biology behind Immunoprotection of Both Sheep and Goats after Sungri/96 PPRV Vaccination. <i>MSystems</i> , 2021 , 6, | 7.6 | 1 |
| 8 | 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 |
| 7 | 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 |
| 6 | Differential expression of long non-coding RNAs under (PPRV) infection in goats.. <i>Virulence</i> , 2022 , 13, 310-322 | 4.7 | 0 |
| 5 | 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 |
| 4 | Differentiation of bovine herpesvirus1 subtypes based on UL0.5 gene sequencing. <i>VirusDisease</i> , 2018 , 29, 106-108 | 3.4 | |
| 3 | Expression and characterization of the non-structural protein V of small ruminant morbillivirus. <i>VirusDisease</i> , 2019 , 30, 465-468 | 3.4 | |
| 2 | Characterization of cytopathogenicity of classical swine fever virus isolate induced by Newcastle disease virus. <i>VirusDisease</i> , 2015 , 26, 70-6 | 3.4 | |
| 1 | Proteome Modulation in Peripheral Blood Mononuclear Cells of Ruminants Vaccinated Goats and Sheep. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 670968 | 3.1 | |