

# Bramhadev Pattnaik

## List of Publications by Year in descending order

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Version: 2024-02-01

131  
papers

1,949  
citations

279487

23  
h-index

344852

36  
g-index

133  
all docs

133  
docs citations

133  
times ranked

1543  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Impact of mass vaccination on the spatiotemporal dynamics of FMD outbreaks in India, 2008â€“2016. <i>Transboundary and Emerging Diseases</i> , 2022, , .  | 1.3 | 6         |
| 2  | Identification of novel interactions between host and non-structural protein 2C of foot-and-mouth disease virus. <i>Journal of General Virology</i> , 2021, 102, .  | 1.3 | 1         |
| 3  | Foot and Mouth Disease (FMD) incidence in cattle and buffaloes and its associated farm-level economic costs in endemic India. <i>Preventive Veterinary Medicine</i> , 2021, 190, 105318.                                    | 0.7 | 15        |
| 4  | Assessment of fitness of footâ€“andâ€“mouth disease virus A IND 27/2011 as candidate vaccine strain. <i>Transboundary and Emerging Diseases</i> , 2021, , .   | 1.3 | 1         |
| 5  | Selective isolation of foot-and-mouth disease virus from coinfecting samples containing more than one serotype. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 2447-2454.   | 0.8 | 4         |
| 6  | Differential antibody responses to the major antigenic sites of FMD virus serotype O after primo-vaccination, multiply-vaccination and after natural exposure. <i>Infection, Genetics and Evolution</i> , 2020, 78, 104105. | 1.0 | 1         |
| 7  | African swine fever: A permanent threat to Indian pigs. <i>Veterinary World</i> , 2020, 13, 2275-2285.  | 0.7 | 18        |
| 8  | Genome Sequences of Seven Foot-and-Mouth Disease Virus Isolates Reveal Diversity in the O/ME-SA/Ind2001 Lineage in India between 1997 and 2009. <i>Microbiology Resource Announcements</i> , 2020, 9, .                     | 0.3 | 1         |
| 9  | Immunopathology of COVID-19 caused by SARS-CoV-2: A brief review. <i>Acta Scientific Microbiology</i> , 2020, 3, 79-88.   | 0.0 | 0         |
| 10 | Influenza A Virus: Cause of Multispecies Disease and Zoonoses. <i>Acta Scientific Microbiology</i> , 2020, 3, 37-46.  | 0.0 | 0         |
| 11 | Serology: A Precise Tool in Diagnosis and Epidemiology of COVID-19. <i>Acta Scientific Microbiology</i> , 2020, 3, 83-91.   | 0.0 | 0         |
| 12 | Rabbit Haemorrhagic Disease: Biological Pest Control Method to Evolve as a Transboundary Disease. <i>International Journal of Livestock Research</i> , 2020, , 1.   | 0.0 | 0         |
| 13 | Covid-19 pandemic: History, aetiology, epidemiology, vaccinology and societal impact. <i>Indian Journal of Comparative Microbiology Immunology and Infectious Diseases</i> , 2020, 41, 1.                                   | 0.0 | 1         |
| 14 | Crimeanâ€“Congo Haemorrhagic Fever (CCHF): A Zoonoses. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 3201-3210.  | 0.0 | 1         |
| 15 | Genome Sequences of 18 Foot-and-Mouth Disease Virus Outbreak Strains of Serotype O Sublineage Ind2001d from India, 2013 to 2014. <i>Microbiology Resource Announcements</i> , 2019, 8, .                                    | 0.3 | 7         |
| 16 | Genetic and antigenic variation of foot-and-mouth disease virus during persistent infection in naturally infected cattle and Asian buffalo in India. <i>PLoS ONE</i> , 2019, 14, e0214832.                                  | 1.1 | 20        |
| 17 | Development and Utilization of VHH Antibodies Derived from <i>Camelus Dromedarius</i> Against Foot-and-Mouth Disease Virus. <i>Animal Biotechnology</i> , 2019, 30, 57-62.  | 0.7 | 5         |
| 18 | Substitutions accrued on Foot-and-mouth disease virus capsid during propagation in cell culture. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019, 89, 747-753.          | 0.4 | 0         |

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|----|--|-----|-----------|
| 19 | Evidence of subclinical foot-and-mouth disease virus infection in young calves born from clinically recovered cow under natural condition. <i>Tropical Animal Health and Production</i> , 2018, 50, 1167-1170.             | 0.5 | 2         |
| 20 | Dynamics of widespread foot-and-mouth disease virus serotypes A, O and Asia-1 in southern Asia: A Bayesian phylogenetic perspective. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 696-710.                       | 1.3 | 16        |
| 21 | Alternate vaccine strain selection in the wake of emerging foot-and-mouth disease virus serotype A antigenic variants in India. <i>Vaccine</i> , 2018, 36, 3191-3194.  | 1.7 | 8         |
| 22 | Quantitative characteristics of the foot-and-mouth disease carrier state under natural conditions in India. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 253-260.  | 1.3 | 23        |
| 23 | Porcine sapelovirus among diarrhoeic piglets in India. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 261-263.   | 1.3 | 22        |
| 24 | Mutational analysis of foot and mouth disease virus nonstructural polyprotein 3AB-coding region to design a negative marker virus. <i>Virus Research</i> , 2018, 243, 36-43.   | 1.1 | 12        |
| 25 | Foot-and-mouth disease virus transmission dynamics and persistence in a herd of vaccinated dairy cattle in India. <i>Transboundary and Emerging Diseases</i> , 2018, 65, e404-e415.  | 1.3 | 24        |
| 26 | Kinetics of Interferon gamma and Interleukin-21 response following foot and mouth disease virus infection. <i>Microbial Pathogenesis</i> , 2018, 125, 20-25.   | 1.3 | 3         |
| 27 | Herd Immunity Against Foot-and-Mouth Disease Under Different Vaccination Practices in India. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 1133-1147.   | 1.3 | 8         |
| 28 | Farm Community Impacts of Foot-and-Mouth Disease Outbreaks in Cattle and Buffaloes in Karnataka State, India. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 849-860.  | 1.3 | 9         |
| 29 | Antigenic variability of foot-and-mouth disease virus serotype O during serial cytolitic passage. <i>Virus Genes</i> , 2017, 53, 931-934.  | 0.7 | 2         |
| 30 | Uncleaved 2A-peptide of foot-and-mouth disease virus can display foreign epitope-tag at the virion surface. <i>Infection, Genetics and Evolution</i> , 2017, 54, 324-329.  | 1.0 | 1         |
| 31 | Anti-proliferative role of recombinant lethal toxin of <i>Bacillus anthracis</i> on primary mammary ductal carcinoma cells revealing its therapeutic potential. <i>Oncotarget</i> , 2017, 8, 35835-35847.                  | 0.8 | 7         |
| 32 | The direct boil RT-mPCR: A simple and rapid method for detection of foot-and-mouth disease virus genome in clinical samples without nucleic acid extraction. <i>Indian Journal of Veterinary Pathology</i> , 2017, 41, 12. | 0.0 | 2         |
| 33 | Molecular epidemiologic investigation of foot-and-mouth disease in pig population of India. <i>Indian Journal of Animal Research</i> , 2017, , .   | 0.0 | 0         |
| 34 | Investigation of foot-and mouth disease outbreak in a pig farm at Kollam district of Kerala, India. <i>Indian Journal of Animal Research</i> , 2017, , .   | 0.0 | 1         |
| 35 | Clinico-molecular diagnosis and phylogenetic investigation of foot-and-mouth disease in small ruminant population of India. <i>Small Ruminant Research</i> , 2016, 144, 1-5.   | 0.6 | 3         |
| 36 | Evaluation of FTA <sup>®</sup> card for the rescue of infectious foot-and-mouth disease virus by chemical transfection of extracted RNA in cultured cells. <i>Molecular and Cellular Probes</i> , 2016, 30, 225-230.       | 0.9 | 12        |

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|----|--|-----|-----------|
| 37 | Partial deletion of stem-loop 2 in the 3' untranslated region of foot-and-mouth disease virus identifies a region that is dispensable for virus replication. <i>Archives of Virology</i> , 2016, 161, 2285-2290.     | 0.9 | 1         |
| 38 | Chimeric foot-and-mouth disease virus serotype O displaying a serotype Asia1 antigenic epitope at the surface. <i>Biotechnology Letters</i> , 2016, 38, 1509-1517.   | 1.1 | 2         |
| 39 | Outbreaks of Foot-and-Mouth Disease in Libya and Saudi Arabia During 2013 Due to an Exotic O/ME-SA/Ind2001 Lineage Virus. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e431-5.                             | 1.3 | 53        |
| 40 | Diagnostic application of recombinant non-structural protein 3A to detect antibodies induced by foot-and-mouth disease virus infection. <i>Biologicals</i> , 2016, 44, 157-162.                                      | 0.5 | 11        |
| 41 | Role of a single amino acid substitution of VP3 H142D for increased acid resistance of foot-and-mouth disease virus serotype A. <i>Virus Genes</i> , 2016, 52, 235-243.  | 0.7 | 14        |
| 42 | The carboxy-terminal half of nonstructural protein 3A is not essential for foot-and-mouth disease virus replication in cultured cell lines. <i>Archives of Virology</i> , 2016, 161, 1295-1305.                      | 0.9 | 10        |
| 43 | Foot-and-Mouth Disease Virus-Associated Abortion and Vertical Transmission following Acute Infection in Cattle under Natural Conditions. <i>PLoS ONE</i> , 2016, 11, e0167163.                                       | 1.1 | 20        |
| 44 | Detection of foot-and-mouth disease virus infection in cattle and pigs at Mannuthy, Kerala. <i>Indian Journal of Veterinary Pathology</i> , 2016, 40, 55.  | 0.0 | 1         |
| 45 | Polymerase chain reaction for amplification of MCP-1 gene from peripheral blood mononuclear cells of cattle. <i>Indian Journal of Comparative Microbiology Immunology and Infectious Diseases</i> , 2016, 37, 24.    | 0.0 | 0         |
| 46 | A Review on Foot-and-mouth disease: pathology, diagnosis and its management. <i>Indian Journal of Veterinary Pathology</i> , 2016, 40, 105.  | 0.0 | 4         |
| 47 | Optimization of fluorescent antibody techniques for demonstration of foot-and-mouth disease virus in bovine tongue epithelium and dorsal soft palate. <i>Indian Journal of Veterinary Pathology</i> , 2016, 40, 297. | 0.0 | 0         |
| 48 | Foot-and-mouth disease in wildlife population of India. <i>Indian Journal of Animal Research</i> , 2016, , .   | 0.0 | 3         |
| 49 | Cross-sectional Serosurvey of Crimean-Congo Hemorrhagic Fever Virus IgG in Livestock, India, 2013-2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1837-1839.   | 2.0 | 37        |
| 50 | Spectrum of VP1 region genetic variants in the foot-and-mouth disease virus serotype O populations derived from infected cattle tongue epithelium. <i>Acta Virologica</i> , 2015, 59, 305-310.                       | 0.3 | 1         |
| 51 | Diagnostic Potential of Recombinant scFv Antibodies Generated Against Hemagglutinin Protein of Influenza A Virus. <i>Frontiers in Immunology</i> , 2015, 6, 440.   | 2.2 | 11        |
| 52 | Diagnostic assays developed for the control of foot-and-mouth disease in India. <i>World Journal of Virology</i> , 2015, 4, 295.   | 1.3 | 17        |
| 53 | Evolutionary dynamics of foot-and-mouth disease virus O/ME-SA/Ind2001 lineage. <i>Veterinary Microbiology</i> , 2015, 178, 181-189.  | 0.8 | 39        |
| 54 | Capsid coding region diversity of re-emerging lineage C foot-and-mouth disease virus serotype Asia1 from India. <i>Archives of Virology</i> , 2015, 160, 1751-1759.  | 0.9 | 13        |

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|----|--|-----|-----------|
| 55 | Quantitative single dilution liquid phase blocking ELISA for sero-monitoring of foot-and-mouth disease in India. <i>Biologicals</i> , 2015, 43, 158-164.   | 0.5 | 7         |
| 56 | Cell culture adaptation mutations in foot-and-mouth disease virus serotype A capsid proteins: implications for receptor interactions. <i>Journal of General Virology</i> , 2015, 96, 553-564.                                    | 1.3 | 20        |
| 57 | A positively charged lysine residue at VP2 131 position allows for the enhanced adaptability of foot-and-mouth disease virus serotype A in BHK-21 cells. <i>Biologicals</i> , 2015, 43, 71-78.                                   | 0.5 | 10        |
| 58 | Antigenic and genetic comparison of foot-and-mouth disease virus serotype O Indian vaccine strain, O/IND/R2/75 against currently circulating viruses. <i>Vaccine</i> , 2015, 33, 693-700.  | 1.7 | 40        |
| 59 | Engineering foot-and-mouth disease virus serotype O IND R2/1975 for one-step purification by immobilized metal affinity chromatography. <i>Biologicals</i> , 2015, 43, 390-398.  | 0.5 | 20        |
| 60 | Construction and characterization of yeast two-hybrid cDNA library derived from LFBK cell line. <i>Biologicals</i> , 2015, 43, 202-208.  | 0.5 | 4         |
| 61 | Application of a recombinant capsid polyprotein (P1) expressed in a prokaryotic system to detect antibodies against foot-and-mouth disease virus serotype O. <i>Journal of Virological Methods</i> , 2015, 215-216, 45-51.       | 1.0 | 23        |
| 62 | Marker vaccine potential of foot-and-mouth disease virus with large deletion in the non-structural proteins 3A and 3B. <i>Biologicals</i> , 2015, 43, 504-511.   | 0.5 | 10        |
| 63 | Megaprimer-mediated capsid swapping for the construction of custom-engineered chimeric foot-and-mouth disease virus. <i>Virus Genes</i> , 2015, 51, 225-233.   | 0.7 | 3         |
| 64 | Indirect ELISA using recombinant nonstructural protein 3D to detect foot and mouth disease virus infection associated antibodies. <i>Biologicals</i> , 2015, 43, 47-54.  | 0.5 | 9         |
| 65 | Genetic and antigenic analysis of foot-and-mouth disease virus serotype O responsible for outbreaks in India during 2013. <i>Infection, Genetics and Evolution</i> , 2015, 30, 59-64.  | 1.0 | 25        |
| 66 | Isolation and characterisation of foot-and-mouth disease virus from a captive Indian elephant ( <i>Elephas maximus</i> ). <i>Indian Journal of Veterinary Pathology</i> , 2015, 39, 376.   | 0.0 | 3         |
| 67 | A new lineage of foot-and-mouth disease virus serotype O in India. <i>Veterinaria Italiana</i> , 2015, 51, 145-9.  | 0.5 | 4         |
| 68 | The Expression of IL6 and 21 in Crossbred Calves Upregulated by Inactivated Trivalent FMD Vaccine. <i>Animal Biotechnology</i> , 2014, 25, 108-118.  | 0.7 | 3         |
| 69 | RNA structure disrupting G320-T transversion within the short fragment of the 5' UTR untranslated region prevents rescue of infectious foot-and-mouth disease virus. <i>Journal of Virological Methods</i> , 2014, 196, 100-103. | 1.0 | 4         |
| 70 | Detection of antibodies specific for foot-and-mouth disease virus infection using indirect ELISA based on recombinant nonstructural protein 2B. <i>Archives of Virology</i> , 2014, 159, 1641-1650.                              | 0.9 | 17        |
| 71 | Evolution of serotype A foot-and-mouth disease virus capsid under neutralizing antibody pressure in vitro. <i>Virus Research</i> , 2014, 181, 72-76.   | 1.1 | 10        |
| 72 | Production and characterization of single-chain antibody (scFv) against 3ABC non-structural protein in <i>Escherichia coli</i> for sero-diagnosis of Foot and Mouth Disease virus. <i>Biologicals</i> , 2014, 42, 339-345.       | 0.5 | 7         |

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|----|---|-----|-----------|
| 73 | Development of single-chain Fv against the nucleoprotein of type A influenza virus and its use in ELISA. <i>Journal of Virological Methods</i> , 2014, 208, 129-137.  | 1.0 | 10        |
| 74 | Comparative evaluation of non-structural protein-antibody detecting ELISAs for foot-and-mouth disease sero-surveillance under intensive vaccination. <i>Journal of Virological Methods</i> , 2014, 207, 22-28.                        | 1.0 | 23        |
| 75 | Diagnostic potential of recombinant nonstructural protein 3B to detect antibodies induced by foot-and-mouth disease virus infection in bovines. <i>Archives of Virology</i> , 2014, 159, 2359-2369.                                   | 0.9 | 18        |
| 76 | Development and evaluation of a one step reverse transcription-loop mediated isothermal amplification assay (RT-LAMP) for rapid detection of foot and mouth disease virus in India. <i>VirusDisease</i> , 2014, 25, 358-364.          | 1.0 | 15        |
| 77 | Serosurveillance of foot-and-mouth disease in sheep and goat population of India. <i>Preventive Veterinary Medicine</i> , 2014, 113, 273-277.   | 0.7 | 20        |
| 78 | Efficient rescue of foot-and-mouth disease virus in cultured cells transfected with RNA extracted from clinical samples. <i>Journal of Virological Methods</i> , 2014, 196, 65-70.  | 1.0 | 14        |
| 79 | Comparison of stabilisers for development of a lyophilised multiplex reverse-transcription PCR mixture for rapid detection of foot and mouth disease virus serotypes. <i>OIE Revue Scientifique Et Technique</i> , 2014, 33, 859-867. | 0.5 | 4         |
| 80 | Status of Foot-and-mouth Disease in India. <i>Transboundary and Emerging Diseases</i> , 2013, 60, 197-203.  | 1.3 | 63        |
| 81 | Association of BoLA DRB3 alleles with variability in immune response among the crossbred cattle vaccinated for foot-and-mouth disease (FMD). <i>Research in Veterinary Science</i> , 2013, 95, 156-163.                               | 0.9 | 30        |
| 82 | Evaluation of Genetic and Environmental Parameters Determining Antibody Response Induced by Vaccination Against Foot and Mouth Disease. <i>Agricultural Research</i> , 2013, 2, 140-147.  | 0.9 | 10        |
| 83 | Differential expression of pro-inflammatory cytokines in endometrial tissue of buffaloes with clinical and sub-clinical endometritis. <i>Research in Veterinary Science</i> , 2013, 94, 336-340.                                      | 0.9 | 33        |
| 84 | Phylogeny and genetic diversity of foot and mouth disease virus serotype Asia1 in India during 1964-2012. <i>Veterinary Microbiology</i> , 2013, 167, 280-288.  | 0.8 | 14        |
| 85 | Genetic and antigenic characterization of Indian foot-and-mouth disease virus serotype O isolates collected during the period 2001 to 2012. <i>Infection, Genetics and Evolution</i> , 2013, 13, 109-115.                             | 1.0 | 9         |
| 86 | Truncated recombinant non-structural protein 2C-based indirect ELISA for FMD sero-surveillance. <i>Journal of Virological Methods</i> , 2013, 193, 405-414.   | 1.0 | 18        |
| 87 | Antigenic site variation in foot-and-mouth disease virus serotype O grown under vaccinal serum antibodies in vitro. <i>Virus Research</i> , 2013, 176, 273-279.   | 1.1 | 13        |
| 88 | Emergence of a novel lineage genetically divergent from the predominant Ind2001 lineage of serotype O foot-and-mouth disease virus in India. <i>Infection, Genetics and Evolution</i> , 2013, 18, 1-7.                                | 1.0 | 24        |
| 89 | Experimental evidence for competitive growth advantage of genotype VII over VI: Implications for foot-and-mouth disease virus serotype A genotype turnover in nature. <i>Research in Veterinary Science</i> , 2012, 92, 317-319.      | 0.9 | 5         |
| 90 | Field outbreak strains of serotype O foot-and-mouth disease virus from India with a deletion in the immunodominant 12G-12H loop of the VP1 protein. <i>Archives of Virology</i> , 2012, 157, 1967-1970.                               | 0.9 | 11        |

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|-----|--|-----|-----------|
| 91  | Immunodiagnosis of foot-and-mouth disease using mutated recombinant 3ABC polyprotein in a competitive ELISA. <i>Journal of Virological Methods</i> , 2012, 185, 52-60.   | 1.0 | 23        |
| 92  | Foot-and-mouth Disease: Global Status and Future Road Map for Control and Prevention in India. <i>Agricultural Research</i> , 2012, 1, 132-147.  | 0.9 | 63        |
| 93  | Emergence of antigenic variants with in serotype A foot and mouth disease virus in India and evaluation of a new vaccine candidate panel. <i>Veterinary Microbiology</i> , 2012, 158, 405-409.                                   | 0.8 | 16        |
| 94  | Genetic characterization of vaccine and field strains of serotype A foot-and-mouth disease virus from India. <i>Acta Virologica</i> , 2012, 55, 349-352.   | 0.3 | 10        |
| 95  | Phylogenetic structure of serotype A foot-and-mouth disease virus: global diversity and the Indian perspective. <i>Journal of General Virology</i> , 2011, 92, 873-879.  | 1.3 | 41        |
| 96  | Multiplex PCR for rapid detection of serotype A foot-and-mouth disease virus variants with amino acid deletion at position 59 of the capsid protein VP3. <i>Journal of Virological Methods</i> , 2011, 171, 287-291.             | 1.0 | 6         |
| 97  | Recombinant non-structural polyprotein 3AB-based serodiagnostic strategy for FMD surveillance in bovines irrespective of vaccination. <i>Journal of Virological Methods</i> , 2011, 177, 184-192.                                | 1.0 | 55        |
| 98  | Comparative complete genome analysis of Indian type A foot-and-mouth disease virus field isolates. <i>Virus Genes</i> , 2011, 43, 224-233.   | 0.7 | 10        |
| 99  | Phylogenetic analysis of Indian serotype Asia1 foot-and-mouth-disease virus isolates revealed emergence and reemergence of different genetic lineages. <i>Veterinary Microbiology</i> , 2010, 144, 198-202.                      | 0.8 | 14        |
| 100 | Serological Evidence of Foot-and-Mouth Disease Virus Infection in Randomly Surveyed Goat Population of Orissa, India. <i>Transboundary and Emerging Diseases</i> , 2010, 57, 448-454.  | 1.3 | 24        |
| 101 | Multiple Origins of Foot-and-Mouth Disease Virus Serotype Asia 1 Outbreaks, 2003–2007. <i>Emerging Infectious Diseases</i> , 2009, 15, 1046-1051.  | 2.0 | 104       |
| 102 | Isolation and pathotyping of H9N2 avian influenza viruses in Indian poultry. <i>Veterinary Microbiology</i> , 2009, 133, 154-163.  | 0.8 | 74        |
| 103 | Comparative analysis of the large fragment of the 5' untranslated region (5' UTR) of serotype A foot-and-mouth disease virus field isolates from India. <i>Virus Genes</i> , 2009, 39, 81-89.                                    | 0.7 | 5         |
| 104 | Genetic characterization of type A foot-and-mouth disease virus 3A region in context of the reemergence of VP359-deletion lineage in India. <i>Infection, Genetics and Evolution</i> , 2009, 9, 483-492.                         | 1.0 | 7         |
| 105 | Analysis of the leader proteinase (Lpro) region of type A foot-and-mouth disease virus with due emphasis on phylogeny and evolution of the emerging VP359-deletion lineage from India. <i>Virus Research</i> , 2009, 141, 34-46. | 1.1 | 8         |
| 106 | Rapid Detection of Highly Pathogenic Avian Influenza H5N1 Virus by TaqMan Reverse Transcriptase-Polymerase Chain Reaction. <i>International Journal of Poultry Science</i> , 2009, 8, 260-263.                                   | 0.6 | 2         |
| 107 | Assessment of Pathogenic Potential of Two Indian H5N1 Highly Pathogenic Avian Influenza Virus Isolates by Intravenous Pathogenicity Index Test. <i>International Journal of Poultry Science</i> , 2009, 8, 283-290.              | 0.6 | 2         |
| 108 | Identification and Subtyping of Avian Influenza Viruses by Reverse Transcription Polymerase Chain Reaction (RT-PCR) and Agarose Gel Electrophoresis. <i>International Journal of Poultry Science</i> , 2009, 8, 465-469.         | 0.6 | 1         |

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|-----|---|-----|-----------|
| 109 | Phylogenetic analysis of 3C protease (3Cpro) coding region of Foot-and-mouth disease virus type A. <i>Acta Virologica</i> , 2009, 53, 175-183.  | 0.3 | 1         |
| 110 | Pathogenicity for Chickens of Avian Influenza Virus Strain H9N1 Isolated from Water Coot in India. <i>International Journal of Poultry Science</i> , 2009, 8, 252-255.  | 0.6 | 0         |
| 111 | Assessment of Pathogenic Potential of Avian Influenza Viruses by MDCK Cell Culture. <i>International Journal of Poultry Science</i> , 2009, 8, 462-464.   | 0.6 | 1         |
| 112 | Genetic analysis of H9N2 avian influenza viruses isolated from India. <i>Archives of Virology</i> , 2008, 153, 1433-1439.   | 0.9 | 43        |
| 113 | Assessment of suitability of two serotype A candidate vaccine strains for inclusion in FMD vaccine in India. <i>Veterinary Microbiology</i> , 2008, 131, 65-72.   | 0.8 | 16        |
| 114 | Development of a capsid based competitive inhibition enzyme-linked immunosorbent assay for detection of bovine immunodeficiency virus antibodies in cattle and buffalo serum. <i>Journal of Virological Methods</i> , 2008, 148, 218-225. | 1.0 | 10        |
| 115 | Development and evaluation of a MAb based competitive-ELISA using helicase domain of NS3 protein for sero-diagnosis of bovine viral diarrhoea in cattle and buffaloes. <i>Research in Veterinary Science</i> , 2008, 85, 39-45.           | 0.9 | 14        |
| 116 | Comparative genomics of serotype Asia 1 foot-and-mouth disease virus isolates from India sampled over the last two decades. <i>Virus Research</i> , 2008, 136, 16-29.   | 1.1 | 27        |
| 117 | The safety and efficacy of the oral rabies vaccine SAG2 in Indian stray dogs. <i>Vaccine</i> , 2007, 25, 3409-3418.   | 1.7 | 65        |
| 118 | Development and evaluation of SYBR Green I-based one-step real-time RT-PCR assay for detection and quantification of Chikungunya virus. <i>Journal of Clinical Virology</i> , 2007, 39, 188-193.  | 1.6 | 67        |
| 119 | Development and evaluation of SYBR Green I-based one-step real-time RT-PCR assay for detection and quantitation of Japanese encephalitis virus. <i>Journal of Virological Methods</i> , 2007, 143, 73-80.                                 | 1.0 | 53        |
| 120 | Analysis of the PB2 gene reveals that Indian H5N1 influenza virus belongs to a mixed-migratory bird sub-lineage possessing the amino acid lysine at position 627 of the PB2 protein. <i>Archives of Virology</i> , 2007, 152, 1637-1644.  | 0.9 | 15        |
| 121 | Genetic typing of bovine viral diarrhoea virus isolates from India. <i>Veterinary Microbiology</i> , 2004, 104, 207-212.  | 0.8 | 45        |
| 122 | Serotype C foot-and-mouth disease virus isolates from India belong to a separate so far not described lineage. <i>Veterinary Microbiology</i> , 2003, 92, 25-35.  | 0.8 | 7         |
| 123 | Sequence analysis of the RNA polymerase gene of foot-and-mouth disease virus serotype Asia1. <i>Virus Genes</i> , 2001, 22, 21-26.  | 0.7 | 8         |
| 124 | Genetic and antigenic analysis of type A foot-and-mouth disease viruses isolated in India during 1987-1996. <i>Acta Virologica</i> , 2001, 45, 13-21.   | 0.3 | 9         |
| 125 | Genetic heterogeneity of Indian field isolates of foot-and-mouth disease virus serotype O as revealed by partial sequencing of 1D gene. <i>Virus Research</i> , 1998, 55, 115-127.  | 1.1 | 33        |
| 126 | Antigenic features of foot-and-mouth disease virus serotype Asia1 as revealed by monoclonal antibodies and neutralization-escape mutants. <i>Virus Research</i> , 1997, 50, 107-117.  | 1.1 | 16        |

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|-----|--|-----|-----------|
| 127 | One-tube and one-buffer system of RT-PCR amplification of 1D gene of foot-and-mouth disease virus field isolates. <i>Acta Virologica</i> , 1997, 41, 153-5.  | 0.3 | 13        |
| 128 | Evaluation of primers for PCR amplification of RNA polymerase gene sequences of foot-and-mouth disease virus. <i>Acta Virologica</i> , 1997, 41, 333-6.  | 0.3 | 6         |
| 129 | Assessment of variation in trypsin-sensitive neutralizable antigenic site of type O foot-and-mouth disease virus (FMDV) isolates using a Mab-binding inhibition assay. <i>Journal of Immunological Methods</i> , 1996, 192, 191-193. | 0.6 | 0         |
| 130 | Alteration of the trypsin-sensitive antigenic site of foot-and-mouth disease virus following direct binding to an ELISA plate. <i>Journal of Immunological Methods</i> , 1996, 192, 195-197.   | 0.6 | 1         |
| 131 | Comparison of liquid-phase and Mab-blocking ELISA for assessment of the reactivity of monoclonal antibodies to foot-and-mouth disease virus. <i>Journal of Immunological Methods</i> , 1994, 172, 265-267.                           | 0.6 | 1         |