

# Bramhadev Pattnaik

## List of Publications by Year in descending order

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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	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
2	Isolation and pathotyping of H9N2 avian influenza viruses in Indian poultry. <i>Veterinary Microbiology</i> , 2009, 133, 154-163.	0.8	74
3	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
4	The safety and efficacy of the oral rabies vaccine SAG2 in Indian stray dogs. <i>Vaccine</i> , 2007, 25, 3409-3418.	1.7	65
5	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
6	Status of Foot-and-mouth Disease in India. <i>Transboundary and Emerging Diseases</i> , 2013, 60, 197-203.	1.3	63
7	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
8	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
9	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
10	Genetic typing of bovine viral diarrhoea virus isolates from India. <i>Veterinary Microbiology</i> , 2004, 104, 207-212.	0.8	45
11	Genetic analysis of H9N2 avian influenza viruses isolated from India. <i>Archives of Virology</i> , 2008, 153, 1433-1439.	0.9	43
12	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
13	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
14	Evolutionary dynamics of foot-and-mouth disease virus O/ME-SA/Ind2001 lineage. <i>Veterinary Microbiology</i> , 2015, 178, 181-189.	0.8	39
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	Porcine sapelovirus among diarrhoeic piglets in India. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 261-263.	1.3	22
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	African swine fever: A permanent threat to Indian pigs. <i>Veterinary World</i> , 2020, 13, 2275-2285.	0.7	18

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37	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
38	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
39	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
40	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
41	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
42	Dynamics of widespread foot-and-mouth disease virus serotypes A, O and Asia1 in southern Asia: A Bayesian phylogenetic perspective. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 696-710.	1.3	16
43	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
44	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
45	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
46	Development and evaluation of a MAb based competitive-ELISA using helicase domain of NS3 protein for sero-diagnosis of bovine viral diarrhea in cattle and buffaloes. <i>Research in Veterinary Science</i> , 2008, 85, 39-45.	0.9	14
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	Evaluation of FTA 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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55	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
56	Field outbreak strains of serotype O foot-and-mouth disease virus from India with a deletion in the immunodominant I <sup>2</sup> G-I <sup>2</sup> H loop of the VP1 protein. <i>Archives of Virology</i> , 2012, 157, 1967-1970.	0.9	11
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	Impact of mass vaccination on the spatiotemporal dynamics of FMD outbreaks in India, 2008–2016. <i>Transboundary and Emerging Diseases</i> , 2022, , .	1.3	6
85	Comparative analysis of the large fragment of the 5' untranslated region (LF-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
86	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
87	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
88	RNA structure disrupting G320-T transversion within the short fragment of the 5' untranslated region prevents rescue of infectious foot-and-mouth disease virus. <i>Journal of Virological Methods</i> , 2014, 196, 100-103.	1.0	4
89	Construction and characterization of yeast two-hybrid cDNA library derived from LFBK cell line. <i>Biologicals</i> , 2015, 43, 202-208.	0.5	4
90	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

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91	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
92	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
93	A new lineage of foot-and-mouth disease virus serotype O in India. <i>Veterinaria Italiana</i> , 2015, 51, 145-9.	0.5	4
94	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
95	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
96	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
97	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
98	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
99	Foot-and-mouth disease in wildlife population of India. <i>Indian Journal of Animal Research</i> , 2016, , .	0.0	3
100	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
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	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

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109	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. Archives of Virology, 2016, 161, 2285-2290.	0.9	1
110	Uncleaved 2A-peptide of foot-and-mouth disease virus can display foreign epitope-tag at the virion surface. Infection, Genetics and Evolution, 2017, 54, 324-329.	1.0	1
111	Differential antibody responses to the major antigenic sites of FMD virus serotype O after primo-vaccination, multiply-vaccination and after natural exposure. Infection, Genetics and Evolution, 2020, 78, 104105.	1.0	1
112	Identification of novel interactions between host and non-structural protein 2C of foot-and-mouth disease virus. Journal of General Virology, 2021, 102, .	1.3	1
113	Assessment of fitness of foot-and-mouth disease virus A IND 27/2011 as candidate vaccine strain. Transboundary and Emerging Diseases, 2021, , .	1.3	1
114	Identification and Subtyping of Avian Influenza Viruses by Reverse Transcription Polymerase Chain Reaction (RT-PCR) and Agarose Gel Electrophoresis. International Journal of Poultry Science, 2009, 8, 465-469.	0.6	1
115	Phylogenetic analysis of 3C protease (3Cpro) coding region of Foot-and-mouth disease virus type A. Acta Virologica, 2009, 53, 175-183.	0.3	1
116	Assessment of Pathogenic Potential of Avian Influenza Viruses by MDCK Cell Culture. International Journal of Poultry Science, 2009, 8, 462-464.	0.6	1
117	Detection of foot-and-mouth disease virus infection in cattle and pigs at Mannuthy, Kerala. Indian Journal of Veterinary Pathology, 2016, 40, 55.	0.0	1
118	Investigation of foot-and mouth disease outbreak in a pig farm at Kollam district of Kerala, India. Indian Journal of Animal Research, 2017, , .	0.0	1
119	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. Microbiology Resource Announcements, 2020, 9, .	0.3	1
120	Covid-19 pandemic: History, aetiology, epidemiology, vaccinology and societal impact. Indian Journal of Comparative Microbiology Immunology and Infectious Diseases, 2020, 41, 1.	0.0	1
121	Crimean-Congo Haemorrhagic Fever (CCHF): A Zoonoses. International Journal of Current Microbiology and Applied Sciences, 2020, 9, 3201-3210.	0.0	1
122	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. Journal of Immunological Methods, 1996, 192, 191-193.	0.6	0
123	Substitutions accrued on Foot-and-mouth disease virus capsid during propagation in cell culture. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 747-753.	0.4	0
124	Pathogenicity for Chickens of Avian Influenza Virus Strain H9N1 Isolated from Water Coot in India. International Journal of Poultry Science, 2009, 8, 252-255.	0.6	0
125	Polymerase chain reaction for amplification of MCP-1 gene from peripheral blood mononuclear cells of cattle. Indian Journal of Comparative Microbiology Immunology and Infectious Diseases, 2016, 37, 24.	0.0	0
126	Optimization of fluorescent antibody techniques for demonstration of foot-and-mouth disease virus in bovine tongue epithelium and dorsal soft palate. Indian Journal of Veterinary Pathology, 2016, 40, 297.	0.0	0



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127	Molecular epidemiologic investigation of foot-and-mouth disease in pig population of India. Indian Journal of Animal Research, 2017, , .	0.0	0
128	Immunopathology of COVID-19 caused by SARS-CoV-2: A brief review. Acta Scientific Microbiology, 2020, 3, 79-88.	0.0	0
129	Influenza A Virus: Cause of Multispecies Disease and Zoonoses. Acta Scientific Microbiology, 2020, 3, 37-46.	0.0	0
130	Serology: A Precise Tool in Diagnosis and Epidemiology of COVID-19. Acta Scientific Microbiology, 2020, 3, 83-91.	0.0	0
131	Rabbit Haemorrhagic Disease: Biological Pest Control Method to Evolve as a Transboundary Disease. International Journal of Livestock Research, 2020, , 1.	0.0	0