

Manmohan Parida

List of Publications by Year in descending order

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54
papers

3,435
citations

218677

26
h-index

161849

54
g-index

55
all docs

55
docs citations

55
times ranked

4201
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Reverse Transcription Loop - Mediated Isothermal Amplification [RT-LAMP] as a early rapid detection assay for Crimean Congo Hemorrhagic Fever virus. <i>Acta Tropica</i> , 2022, 231, 106435.	2.0	5
2	Vector derived artificial miRNA mediated inhibition of West Nile virus replication and protein expression. <i>Gene</i> , 2020, 729, 144300.	2.2	9
3	Development of magnetic bead based sample extraction coupled polymerase spiral reaction for rapid on-site detection of Chikungunya virus. <i>Scientific Reports</i> , 2020, 10, 11651.	3.3	8
4	Oseltamivir-resistant influenza A(H1N1)pdm09 virus associated with high case fatality, India 2015. <i>Journal of Medical Virology</i> , 2018, 90, 836-843.	5.0	12
5	Development of nsP2 protease based cell free high throughput screening assay for evaluation of inhibitors against emerging Chikungunya virus. <i>Scientific Reports</i> , 2018, 8, 10831.	3.3	21
6	Evaluation of real-time reverse-transcription loop-mediated isothermal amplification assay for clinical diagnosis of West Nile virus in patients. <i>Indian Journal of Medical Research</i> , 2018, 147, 293.	1.0	9
7	Evaluation of antiviral activity of piperazine against Chikungunya virus targeting hydrophobic pocket of alphavirus capsid protein. <i>Antiviral Research</i> , 2017, 146, 102-111.	4.1	47
8	Impact of transmission cycles and vector competence on global expansion and emergence of arboviruses. <i>Reviews in Medical Virology</i> , 2017, 27, e1941.	8.3	42
9	Working towards dengue as a vaccine-preventable disease: challenges and opportunities. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 1193-1199.	3.1	15
10	Inhibition of chikungunya virus by picolinate that targets viral capsid protein. <i>Virology</i> , 2016, 498, 265-276.	2.4	57
11	Vector-delivered artificial miRNA effectively inhibited replication of Chikungunya virus. <i>Antiviral Research</i> , 2016, 134, 42-49.	4.1	30
12	Two novel epistatic mutations (E1:K211E and E2:V264A) in structural proteins of Chikungunya virus enhance fitness in <i>Aedes aegypti</i> . <i>Virology</i> , 2016, 497, 59-68.	2.4	95
13	Expression and Characterization of Yeast Derived Chikungunya Virus Like Particles (CHIK-VLPs) and Its Evaluation as a Potential Vaccine Candidate. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004782.	3.0	53
14	Emergence of influenza A(H1N1)pdm09 genogroup 6B and drug resistant virus, India, January to May 2015. <i>Eurosurveillance</i> , 2016, 21, 6-11.	7.0	34
15	Kinetic characterization of trans-proteolytic activity of Chikungunya virus capsid protease and development of a FRET-based HTS assay. <i>Scientific Reports</i> , 2015, 5, 14753.	3.3	44
16	Complete genome sequencing and evolutionary phylogeography analysis of Indian isolates of Dengue virus type 1. <i>Virus Research</i> , 2015, 195, 124-134.	2.2	29
17	Comparative evaluation of the diagnostic potential of recombinant envelope proteins and native cell culture purified viral antigens of Chikungunya virus. <i>Journal of Medical Virology</i> , 2014, 86, 1169-1175.	5.0	16
18	Development and comparative evaluation of SYBR Green I-based one-step real-time RT-PCR assay for detection and quantification of West Nile virus in human patients. <i>Molecular and Cellular Probes</i> , 2014, 28, 221-227.	2.1	14

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19	Cloning, expression and evaluation of diagnostic potential of recombinant capsid protein based IgM ELISA for chikungunya virus. <i>Journal of Virological Methods</i> , 2014, 203, 15-22.	2.1	14
20	Characterization of Chikungunya Virus Induced Host Response in a Mouse Model of Viral Myositis. <i>PLoS ONE</i> , 2014, 9, e92813.	2.5	26
21	Rapid detection of human rotavirus using NSP4 gene specific reverse transcription loop-mediated isothermal amplification assay. <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2013, 24, 265-271.	0.7	12
22	Development and evaluation of NS1 specific monoclonal antibody based antigen capture ELISA and its implications in clinical diagnosis of West Nile virus infection. <i>Journal of Clinical Virology</i> , 2013, 58, 528-534.	3.1	13
23	Cloning and expression of an envelope gene of West Nile virus and evaluation of the protein for use in an IgM ELISA. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 396-401.	1.8	7
24	Molecular Diagnosis and Ocular Imaging of West Nile Virus Retinitis and Neuroretinitis. <i>Ophthalmology</i> , 2013, 120, 1820-1826.	5.2	56
25	Complete genome sequencing and evolutionary analysis of Indian isolates of Dengue virus type 2. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 478-485.	2.1	27
26	Molecular Epidemiology and Complete Genome Characterization of H1N1pdm Virus from India. <i>PLoS ONE</i> , 2013, 8, e56364.	2.5	12
27	Molecular and Virological Investigation of a Focal Chikungunya Outbreak in Northern India. <i>Scientific World Journal, The</i> , 2013, 2013, 1-6.	2.1	6
28	Molecular detection and characterization of West Nile virus associated with multifocal retinitis in patients from southern India. <i>International Journal of Infectious Diseases</i> , 2012, 16, e53-e59.	3.3	48
29	Subunit vaccine formulations based on recombinant envelope proteins of Chikungunya virus elicit balanced Th1/Th2 response and virus-neutralizing antibodies in mice. <i>Virus Research</i> , 2012, 167, 236-246.	2.2	70
30	Production, Characterization, and Application of Monoclonal Antibodies Specific to Recombinant (E2) Structural Protein in Antigen-Capture ELISA for Clinical Diagnosis of Chikungunya Virus. <i>Viral Immunology</i> , 2012, 25, 153-160.	1.3	19
31	Utility of IgM ELISA, TaqMan real-time PCR, reverse transcription PCR, and RT-qPCR assay for the diagnosis of Chikungunya fever. <i>Journal of Medical Virology</i> , 2012, 84, 1771-1778.	5.0	51
32	Rapid and Real-time Detection of Human Viral Infections: Current Trends and Future Perspectives. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2012, 82, 199-207.	1.0	2
33	Development and Evaluation of Reverse Transcription Loop-Mediated Isothermal Amplification Assay for Rapid and Real-Time Detection of the Swine-Origin Influenza A H1N1 Virus. <i>Journal of Molecular Diagnostics</i> , 2011, 13, 100-107.	2.8	66
34	Molecular epidemiology of novel swine origin influenza virus (S-OIV) from Gwalior, India, 2009. <i>Virology Journal</i> , 2011, 8, 280.	3.4	10
35	Differential proteome analysis of Chikungunya virus-infected newborn mice tissues reveal implication of stress, inflammatory and apoptotic pathways in disease pathogenesis. <i>Proteomics</i> , 2011, 11, 1936-1951.	2.2	58
36	Monoclonal antibody-based antigen capture immunoassay for detection of circulating non-structural protein NS1: Implications for early diagnosis of Japanese encephalitis virus infection. <i>Journal of Medical Virology</i> , 2011, 83, 1063-1070.	5.0	14

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37	Development of a Quantitative Competitive Reverse Transcription Polymerase Chain Reaction (QC-RTâ€“PCR) for Detection and Quantitation of Chikungunya Virus. <i>Molecular Biotechnology</i> , 2010, 45, 49-55.	2.4	12
38	Assessment of in vitro prophylactic and therapeutic efficacy of chloroquine against chikungunya virus in vero cells. <i>Journal of Medical Virology</i> , 2010, 82, 817-824.	5.0	161
39	Diagnosis of Chikungunya Fever in an Indian Population by an Indirect Enzyme-Linked Immunosorbent Assay Protocol Based on an Antigen Detection Assay: a Prospective Cohort Study. <i>Vaccine Journal</i> , 2010, 17, 291-297.	3.1	18
40	Cloning and expression of domain III of the envelope gene of Japanese encephalitis virus: Evaluation for early clinical diagnosis by IgM ELISA. <i>Journal of Virological Methods</i> , 2009, 158, 165-170.	2.1	10
41	Development and evaluation of antigen capture ELISA for early clinical diagnosis of chikungunya. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 65, 142-149.	1.8	47
42	Assessment of immunogenic potential of Vero adapted formalin inactivated vaccine derived from novel ECSA genotype of Chikungunya virus. <i>Vaccine</i> , 2009, 27, 2513-2522.	3.8	109
43	Phylogenetic studies reveal existence of multiple lineages of a single genotype of DENV-1 (genotype III) in India during 1956â€“2007. <i>Virology Journal</i> , 2009, 6, 1.	3.4	105
44	Loop mediated isothermal amplification (LAMP): a new generation of innovative gene amplification technique; perspectives in clinical diagnosis of infectious diseases. <i>Reviews in Medical Virology</i> , 2008, 18, 407-421.	8.3	559
45	RNA interference mediated inhibition of Chikungunya virus replication in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 718-722.	2.1	56
46	Development and evaluation of a 1-step duplex reverse transcription polymerase chain reaction for differential diagnosis of chikungunya and dengue infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 62, 52-57.	1.8	31
47	Production and characterization of recombinant dengue virus type 4 envelope domain III protein. <i>Journal of Biotechnology</i> , 2008, 134, 278-286.	3.8	22
48	Development and evaluation of one step single tube multiplex RT-PCR for rapid detection and typing of dengue viruses. <i>Virology Journal</i> , 2008, 5, 20.	3.4	45
49	Production of IgM Specific Recombinant Dengue Multiepitope Protein for Early Diagnosis of Dengue Infection. <i>Biotechnology Progress</i> , 2007, 23, 488-493.	2.6	10
50	Production, purification and characterization of recombinant dengue multiepitope protein. <i>Biotechnology and Applied Biochemistry</i> , 2007, 46, 105.	3.1	13
51	Japanese Encephalitis Outbreak, India, 2005. <i>Emerging Infectious Diseases</i> , 2006, 12, 1427-1430.	4.3	111
52	Rapid Detection and Differentiation of Dengue Virus Serotypes by a Real-Time Reverse Transcription-Loop-Mediated Isothermal Amplification Assay. <i>Journal of Clinical Microbiology</i> , 2005, 43, 2895-2903.	3.9	307
53	Development and Evaluation of a Novel Loop-Mediated Isothermal Amplification Method for Rapid Detection of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1956-1961.	3.9	384
54	Real-Time Reverse Transcription Loop-Mediated Isothermal Amplification for Rapid Detection of West Nile Virus. <i>Journal of Clinical Microbiology</i> , 2004, 42, 257-263.	3.9	384