

Hema Masarapu

List of Publications by Year in descending order

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26
papers

923
citations

516561

16
h-index

552653

26
g-index

27
all docs

27
docs citations

27
times ranked

1125
citing authors

#	ARTICLE	IF	CITATIONS
1	Exogenous application of double-stranded RNA molecules from TMV p126 and CP genes confers resistance against TMV in tobacco. <i>Planta</i> , 2016, 244, 961-969.	1.6	130
2	Structural and Functional Analyses of the Human Toll-like Receptor 3. <i>Journal of Biological Chemistry</i> , 2006, 281, 11144-11151.	1.6	108
3	Physalis Mottle Virus-Like Particles as Nanocarriers for Imaging Reagents and Drugs. <i>Biomacromolecules</i> , 2017, 18, 4141-4153.	2.6	63
4	Heterologous Prime-Boost Enhances the Antitumor Immune Response Elicited by Plant-Virus-Based Cancer Vaccine. <i>Journal of the American Chemical Society</i> , 2019, 141, 6509-6518.	6.6	55
5	Molecular characterization and intervirul relationships of a flexuous filamentous virus causing mosaic disease of sugarcane (<i>Saccharum officinarum</i> L.) in India. <i>Archives of Virology</i> , 1999, 144, 479-490.	0.9	54
6	Engineering of Brome mosaic virus for biomedical applications. <i>RSC Advances</i> , 2012, 2, 3670.	1.7	49
7	Development of recombinant coat protein antibody based IC-RT-PCR for detection and discrimination of sugarcane streak mosaic virus isolates from Southern India. <i>Archives of Virology</i> , 2003, 148, 1185-1193.	0.9	44
8	Physalis Mottle Virus-like Nanoparticles for Targeted Cancer Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18213-18223.	4.0	42
9	Taxonomic position of sugarcane streak mosaic virus in the family Potyviridae *. <i>Archives of Virology</i> , 2002, 147, 1997-2007.	0.9	40
10	The coat protein leads the way: an update on basic and applied studies with the <i>Brome mosaic virus</i> coat protein. <i>Molecular Plant Pathology</i> , 2011, 12, 403-412.	2.0	40
11	Tropical Food Legumes. <i>Advances in Virus Research</i> , 2014, 90, 431-505.	0.9	40
12	Template Sequence near the Initiation Nucleotide Can Modulate Brome Mosaic Virus RNA Accumulation in Plant Protoplasts. <i>Journal of Virology</i> , 2004, 78, 1169-1180.	1.5	39
13	Replicase-Binding Sites on Plus- and Minus-Strand Brome Mosaic Virus RNAs and Their Roles in RNA Replication in Plant Cells. <i>Journal of Virology</i> , 2004, 78, 13420-13429.	1.5	34
14	Repair of the tRNA-Like CCA Sequence in a Multipartite Positive-Strand RNA Virus. <i>Journal of Virology</i> , 2005, 79, 1417-1427.	1.5	32
15	Effects of Amino-Acid Substitutions in the Brome mosaic virus Capsid Protein on RNA Encapsidation. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1433-1447.	1.4	29
16	Requirements for Brome Mosaic Virus Subgenomic RNA Synthesis In Vivo and Replicase-Core Promoter Interactions In Vitro. <i>Journal of Virology</i> , 2004, 78, 6091-6101.	1.5	28
17	Topical application of double stranded RNA molecules deriving from Sesbania mosaic virus (SeMV) CP and MP genes protects Sesbania plants against SeMV. <i>European Journal of Plant Pathology</i> , 2019, 155, 1345-1352.	0.8	17
18	Brome Mosaic Virus RNA Syntheses In Vitro and in Barley Protoplasts. <i>Journal of Virology</i> , 2003, 77, 5703-5711.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Development of sesbania mosaic virus nanoparticles for imaging. Archives of Virology, 2019, 164, 497-507.	0.9	13
20	First report of Konjac mosaic virus in elephant foot yam (<i>Amorphophallus paeoniifolius</i>) from India. Australasian Plant Disease Notes, 2013, 8, 27-29.	0.4	12
21	Characterization of a potyvirus associated with yellow mosaic disease of jasmine (<i>Jasminum sambac</i> L.) in Andhra Pradesh, India. VirusDisease, 2014, 25, 394-397.	1.0	12
22	Biodistribution and toxicity evaluation of sesbania mosaic virus nanoparticles in mice. Archives of Virology, 2016, 161, 2673-2681.	0.9	11
23	Construction of an infectious cDNA clone of foot-and-mouth disease virus type O1BFS 1860 and its use in the preparation of candidate vaccine. Journal of Biosciences, 2009, 34, 45-58.	0.5	6
24	Detection of infectious bursal disease virus (IBDV) antibodies using chimeric plant virus-like particles. Veterinary Microbiology, 2019, 229, 20-27.	0.8	6
25	Complete genome sequence of a new begomovirus associated with yellow mosaic disease of <i>Hemidesmus indicus</i> in India. Archives of Virology, 2014, 159, 1223-1228.	0.9	2
26	cis-proteolytic activity of a recombinant nuclear inclusion a (NIa) proteinase from Sugarcane Streak Mosaic Virus, a member of the genus <i>Poacevirus</i> in the family <i>Potyviridae</i> . Molecular Genetics, Microbiology and Virology, 2016, 31, 102-108.	0.0	1