

# R Vinoth Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

560  
citations

759233

12  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifaceted role of geminivirus associated betasatellite in pathogenesis. <i>Molecular Plant Pathology</i> , 2019, 20, 1019-1033.	4.2	92
2	Complexity of begomovirus and betasatellite populations associated with chilli leaf curl disease in India. <i>Journal of General Virology</i> , 2015, 96, 3143-3158.	2.9	82
3	Plant Antiviral Immunity Against Geminiviruses and Viral Counter-Defense for Survival. <i>Frontiers in Microbiology</i> , 2019, 10, 1460.	3.5	79
4	Molecular diversity, recombination and population structure of alphasatellites associated with begomovirus disease complexes. <i>Infection, Genetics and Evolution</i> , 2017, 49, 39-47.	2.3	48
5	Dynamics of a geminivirus-encoded pre-coat protein and host RNA-dependent RNA polymerase 1 in regulating symptom recovery in tobacco. <i>Journal of Experimental Botany</i> , 2018, 69, 2085-2102.	4.8	43
6	Host-specific adaptation of diverse betasatellites associated with distinct Indian tomato-infecting begomoviruses. <i>Virus Genes</i> , 2014, 48, 334-342.	1.6	29
7	Potential linkage between compound microsatellites and recombination in geminiviruses: Evidence from comparative analysis. <i>Virology</i> , 2015, 482, 41-50.	2.4	28
8	An improved plant regeneration and Agrobacterium - mediated transformation of red pepper ( <i>Capsicum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10	3.1	25
9	Molecular characterization of Chilli leaf curl virus and satellite molecules associated with leaf curl disease of <i>Amaranthus</i> spp. <i>Virus Genes</i> , 2014, 48, 397-401.	1.6	23
10	Molecular genetic analysis and evolution of begomoviruses and betasatellites causing yellow mosaic disease of bhendi. <i>Virus Genes</i> , 2017, 53, 275-285.	1.6	23
11	A new monopartite begomovirus species, Chilli leaf curl Vellanad virus, and associated betasatellites infecting chilli in the Vellanad region of Kerala, India. <i>New Disease Reports</i> , 2012, 25, 20-20.	0.8	22
12	Differential pathogenicity among Tomato leaf curl Gujarat virus isolates from India. <i>Virus Genes</i> , 2013, 47, 524-531.	1.6	19
13	Association of a begomovirus-satellite complex with yellow vein and leaf curl disease of hollyhock ( <i>Alcea rosea</i> ) in India. <i>Archives of Virology</i> , 2020, 165, 2099-2103.	2.1	10
14	Bhendi yellow vein mosaic virus and bhendi yellow vein mosaic betasatellite cause enation leaf curl disease and alter host phytochemical contents in okra. <i>Plant Disease</i> , 2021, 105, 2595-2600.	1.4	9
15	Plant-virus-insect tritrophic interactions: insights into the functions of geminivirus virion-sense strand genes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201846.	2.6	7
16	Evolution and Emergence of Geminiviruses. , 2018, , 97-116.		7
17	Two distinct monopartite begomovirus-betasatellite complexes in western India cause tomato leaf curl disease. <i>Virus Research</i> , 2021, 295, 198319.	2.2	6
18	A novel monopartite begomovirus and satellites associated with yellow mosaic disease of <i>Sida</i> spp. in India. <i>Archives of Virology</i> , 2021, 166, 299-302.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Classification, Taxonomy and Gene Function of Geminiviruses and Their Satellites. , 2019, , 1-16.		2
20	Molecular biology of antiviral arms race between plants and viruses. , 2021, , 331-358.		2
21	Overview of host factors and geminivirus proteins involved in virus pathogenesis and resistance. , 2022, , 575-587.		0
22	Geminivirus infections co-opt posttranslational modification of proteins during viral pathogenesis. , 2022, , 443-453.		0