

# Vipin Hallan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4880196/publications.pdf>

Version: 2024-02-01

91  
papers

1,075  
citations

471509

17  
h-index

580821

25  
g-index

98  
all docs

98  
docs citations

98  
times ranked

895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning, Characterization, Expression Analysis, and Agglutination Studies of Novel Gene Encoding Î²-d-Galactose, N-Acetyl-d-Glucosamine and Lactose-Binding Lectin from Rice Bean ( <i>Vigna umbellata</i> ). <i>Molecular Biotechnology</i> , 2022, 64, 293-310.	2.4	2
2	Geminivirus-Derived Vectors as Tools for Functional Genomics. <i>Frontiers in Microbiology</i> , 2022, 13, 799345.	3.5	9
3	A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole-virion inactivated SARS-CoV-2 vaccine for serological surveys. <i>Computers in Biology and Medicine</i> , 2022, 146, 105419.	7.0	8
4	Molecular insights into pathogenicity determinant proteins of geminiviruses. , 2022, , 383-395.		0
5	Homeobox 27, a Homeodomain Transcription Factor, Confers Tolerances to CMV by Associating with Cucumber Mosaic Virus 2b Protein. <i>Pathogens</i> , 2022, 11, 788.	2.8	1
6	Molecular and biological characterisation of an Indian variant of <i>Chrysanthemum stunt viroid</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2021, 54, 979-989.	1.3	3
7	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. <i>ELife</i> , 2021, 10, .	6.0	21
8	Serological and molecular analysis indicates the presence of distinct viral genotypes of Apple stem pitting virus in India. <i>3 Biotech</i> , 2021, 11, 278.	2.2	2
9	Development of immunodiagnosics for Apple stem pitting virus and Apple mosaic virus infecting apple in India. <i>Indian Phytopathology</i> , 2021, 74, 189-199.	1.2	3
10	Production of polyclonal antibodies to the coat protein gene of Indian isolate of Apple stem grooving virus expressed through heterologous expression and its use in immunodiagnosis. <i>Indian Phytopathology</i> , 2020, 73, 165-173.	1.2	3
11	New record of a monopartite begomovirus and papaya leaf curl betasatellite infecting <i>Mirabilis jalapa</i> in Himachal Pradesh, India. <i>Indian Phytopathology</i> , 2020, 73, 821-823.	1.2	2
12	Reactive oxygen species generating and scavenging systems play critical role in conferring leaf spot disease resistance in <i>Withania somnifera</i> (L.) Dunal. <i>Industrial Crops and Products</i> , 2020, 157, 112889.	5.2	10
13	Two light responsive WRKY genes exhibit positive and negative correlation with picoside content in <i>Picrorhiza kurrooa</i> Royle ex Benth, an endangered medicinal herb. <i>3 Biotech</i> , 2020, 10, 255.	2.2	2
14	PkGPPS.SSU interacts with two PkGGPPS to form heteromeric GPPS in <i>Picrorhiza kurrooa</i> : Molecular insights into the picoside biosynthetic pathway. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 115-128.	5.8	5
15	AV2 protein of tomato leaf curl Palampur virus interacts with F-box Kelch protein of tomato and enhances phenylalanine ammonia-lyase activity during virus infection. <i>Physiological and Molecular Plant Pathology</i> , 2020, 110, 101479.	2.5	3
16	Conformational behavior of coat protein in plants and association with coat protein-mediated resistance against TMV. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 893-908.	2.0	12
17	Beneficial role of viruses in plants. , 2020, , 179-184.		0
18	Mapping the Gene Expression Spectrum of Mediator Subunits in Response to Viroid Infection in Plants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2498.	4.1	10

#	ARTICLE	IF	CITATIONS
19	Molecular evidence of Apple stem grooving virus infecting <i>Ficus palmata</i> . <i>Trees - Structure and Function</i> , 2019, 33, 1-9.	1.9	12
20	First report of natural infection of alternanthera yellow vein virus and cotton leaf curl Multan betasatellite on a new host <i>Picrorhiza kurroa</i> , an important endangered medicinal herb. <i>Journal of Plant Pathology</i> , 2019, 101, 149-153.	1.2	5
21	AC4 protein of tomato leaf curl Palampur virus is an RNA silencing suppressor and a pathogenicity determinant. <i>Microbial Pathogenesis</i> , 2019, 135, 103636.	2.9	9
22	Global Weed-Infecting Geminiviruses. , 2019, , 103-121.		2
23	Promoter and methylation status analysis revealed the importance of PkGES gene in picoside biosynthesis in <i>Picrorhiza kurroa</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2019, 28, 424-436.	1.7	2
24	Molecular characterization and infectivity analysis of a bipartite begomovirus associated with cotton leaf curl Multan betasatellite naturally infecting <i>Rumex nepalensis</i> in northern India. <i>Journal of Plant Pathology</i> , 2019, 101, 935-941.	1.2	11
25	First report of potato virus M, potato virus Y and cucumber mosaic virus infection in <i>Solanum nigrum</i> in India. <i>Journal of Plant Pathology</i> , 2019, 101, 419-419.	1.2	10
26	Occurrence of Apple stem grooving virus on <i>Rubus ellipticus</i> , a perennial weed in India. <i>European Journal of Plant Pathology</i> , 2019, 153, 311-319.	1.7	6
27	Screening of Potential Inhibitor against Coat Protein of Apple Chlorotic Leaf Spot Virus. <i>Cell Biochemistry and Biophysics</i> , 2018, 76, 273-278.	1.8	11
28	AV2 protein of tomato leaf curl Palampur virus promotes systemic necrosis in <i>Nicotiana benthamiana</i> and interacts with host Catalase2. <i>Scientific Reports</i> , 2018, 8, 1273.	3.3	37
29	Infection of potato virus S and M in tomato in North-western India. <i>Journal of Plant Pathology</i> , 2018, 100, 343-343.	1.2	3
30	Molecular evidence of natural occurrence of Apple stem grooving virus on bamboos. <i>Trees - Structure and Function</i> , 2017, 31, 367-375.	1.9	8
31	Sequence-independent Amplification with Genome Multiplexing to Establish Complete Genome of Multipartite RNA Viruses: <i>Cucumber mosaic virus</i> as a Case Study. <i>Journal of Phytopathology</i> , 2017, 165, 361-366.	1.0	1
32	Molecular characterization of a new begomovirus infecting <i>Mirabilis jalapa</i> in northern India. <i>Archives of Virology</i> , 2017, 162, 2163-2167.	2.1	10
33	Genome Organization of Begomoviruses. , 2017, , 11-32.		1
34	Molecular characterization of emaraviruses associated with Pigeonpea sterility mosaic disease. <i>Scientific Reports</i> , 2017, 7, 11831.	3.3	21
35	Movement protein of Apple chlorotic leaf spot virus is genetically unstable and negatively regulated by Ribonuclease E in <i>E. coli</i> . <i>Scientific Reports</i> , 2017, 7, 2133.	3.3	1
36	Studies on Viroids Occurring in India. , 2017, , 487-511.		3

#	ARTICLE	IF	CITATIONS
37	Identification of host cellular targets of AC4 and AV2 proteins of tomato leaf curl palampur virus and their sub-cellular localization studies. <i>VirusDisease</i> , 2017, 28, 390-400.	2.0	9
38	Leaf spot disease adversely affects human health-promoting constituents and withanolide biosynthesis in <i>Withania somnifera</i> (L.) Dunal. <i>Journal of Applied Microbiology</i> , 2017, 122, 153-165.	3.1	14
39	Apple Scar Skin Viroid. , 2017, , 217-228.		11
40	Molecular characterization of a novel cryptic virus infecting pigeonpea plants. <i>PLoS ONE</i> , 2017, 12, e0181829.	2.5	10
41	<i>Apple stem grooving virus</i> naturally infects Himalayan wild cherry ( <i>Prunus cerasoides</i> D.) Tj ETQq1 1 0,784314 rgBT /Overd 1.1 9		
42	Complete Nucleotide Sequence of <i>Ageratum enation virus</i> and an Alphasatellite Infecting a New Host <i>Glycine max</i> in India. <i>Journal of Phytopathology</i> , 2016, 164, 554-557.	1.0	3
43	Movement Protein of Cucumber Mosaic Virus Associates with Apoplastic Ascorbate Oxidase. <i>PLoS ONE</i> , 2016, 11, e0163320.	2.5	11
44	A simplified strategy for studying the etiology of viral diseases: Apple stem grooving virus as a case study. <i>Journal of Virological Methods</i> , 2015, 213, 106-110.	2.1	6
45	Wild roses as natural reservoirs of Cherry necrotic rusty mottle virus. <i>European Journal of Plant Pathology</i> , 2015, 142, 403-409.	1.7	3
46	Himalayan wild cherry ( <i>Prunus cerasoides</i> ) as a new natural host of <i>Cherry necrotic rusty mottle virus</i> ( <i>CNRMV</i> ) and a possible role of insect vectors in their transmission. <i>Annals of Applied Biology</i> , 2015, 166, 402-409.	2.5	4
47	Natural occurrence of Apple stem grooving virus on <i>Bauhinia variegata</i> . <i>Trees - Structure and Function</i> , 2015, 29, 1415-1422.	1.9	10
48	Molecular evidence for bamboo as a new natural host of <i>Cherry necrotic rusty mottle virus</i> . <i>Forest Pathology</i> , 2015, 45, 42-50.	1.1	5
49	<i>Apple scar skin viroid</i> naked RNA is actively transmitted by the whitefly <i>Trialeurodes vaporariorum</i> . <i>RNA Biology</i> , 2015, 12, 1131-1138.	3.1	31
50	Immunodiagnosics for Cherry virus A and Cherry necrotic rusty mottle virus. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015, 24, 93-104.	1.7	10
51	<i>Valeriana jatamansi</i> as a new natural host of <i>Bhendi yellow vein mosaic virus</i> and <i>Papaya leaf curl virus betasatellite</i> from Northern India. <i>New Disease Reports</i> , 2015, 32, 4-4.	0.8	4
52	Association of <i>Bhendi yellow vein mosaic virus</i> and Cotton leaf curl Multan betasatellite with <i>Capsicum annum</i> From Kashmir valley, India. <i>New Disease Reports</i> , 2015, 32, 9-9.	0.8	4
53	Identification of the herbaceous host range of <i>Apple scar skin viroid</i> and analysis of its progeny variants. <i>Plant Pathology</i> , 2014, 63, 684-690.	2.4	16
54	Characterization of Apple stem grooving virus infecting <i>Actinidia deliciosa</i> (Kiwi) in India. <i>Scientia Horticulturae</i> , 2014, 176, 105-111.	3.6	18

#	ARTICLE	IF	CITATIONS
55	Simultaneous Detection of Major Pome Fruit Viruses and a Viroid. Indian Journal of Microbiology, 2014, 54, 203-210.	2.7	27
56	Molecular characterization and intermolecular interaction of coat protein of Prunus necrotic ringspot virus: implications for virus assembly. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2013, 24, 235-241.	0.7	7
57	Biological and Molecular Characterization of Cucumber mosaic virus Subgroup II Isolate Causing Severe Mosaic in Cucumber. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2013, 24, 27-34.	0.7	27
58	Evidence of Grapevine leafroll associated virus-1, Grapevine fleck virus and Grapevine virus B Occurring in Himachal Pradesh, India. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2013, 24, 66-69.	0.7	17
59	Molecular identification of Ageratum enation virus, betasatellite and alphasatellite molecules isolated from yellow vein diseased Amaranthus cruentus in India. Virus Genes, 2013, 47, 584-590.	1.6	24
60	Molecular characterization and recombination analysis of the complete genome of Apple chlorotic leaf spot virus. Journal of Phytopathology, 2013, 161, 704-712.	1.0	11
61	Simultaneous detection and identification of four cherry viruses by two step multiplex RT-PCR with an internal control of plant nad5 mRNA. Journal of Virological Methods, 2013, 193, 103-107.	2.1	21
62	Prunus necrotic ringspot virus: incidence on stone and pome fruits and diversity analysis. Archives of Phytopathology and Plant Protection, 2013, 46, 2376-2386.	1.3	4
63	Determination of Major Viral and Sub Viral Pathogens Incidence in Apple Orchards in Himachal Pradesh. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2012, 23, 75-79.	0.7	20
64	In Vitro Expression and Production of Antibody Against Cymbidium mosaic virus Coat Protein. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2012, 23, 46-49.	0.7	2
65	Genomic sequence analysis of four new chrysanthemum virus B isolates: evidence of RNA recombination. Archives of Virology, 2012, 157, 531-537.	2.1	26
66	Chilli leaf curl Palampur virus is a distinct begomovirus species associated with a betasatellite. Plant Pathology, 2011, 60, 1040-1047.	2.4	39
67	Velvet bean severe mosaic virus: a distinct begomovirus species causing severe mosaic in Mucuna pruriens (L.) DC. Virus Genes, 2011, 43, 138-146.	1.6	20
68	First report of Ageratum enation virus infecting Crassocephalum crepidioides (Benth.) S. Moore and Ageratum conyzoides L. in India. Journal of General Plant Pathology, 2011, 77, 214-216.	1.0	24
69	Expression of recombinant Apple chlorotic leaf spot virus coat protein in heterologous system: production and use in immunodiagnosis. Journal of Plant Biochemistry and Biotechnology, 2011, 20, 138-141.	1.7	4
70	Expression of recombinant Chrysanthemum virus B coat protein for raising polyclonal antisera. Journal of Plant Biochemistry and Biotechnology, 2011, 20, 96-101.	1.7	4
71	Diversity of Apple mosaic virus Isolates in India Based on Coat Protein and Movement Protein Genes. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2011, 22, 44-49.	0.7	25
72	Intermolecular Interactions of Chrysanthemum virus B Coat Protein: Implications for Capsid Assembly. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2011, 22, 111-116.	0.7	6

#	ARTICLE	IF	CITATIONS
73	Molecular diagnosis of apple virus and viroid pathogens from India. Archives of Phytopathology and Plant Protection, 2011, 44, 505-512.	1.3	13
74	Detection of <i>Prunus necrotic ring spot virus</i> in plum, cherry and almond by serological and molecular techniques from India. Archives of Phytopathology and Plant Protection, 2011, 44, 1779-1784.	1.3	13
75	Molecular characterization of the phytoplasmas associated with toon trees and periwinkle in India. Journal of General Plant Pathology, 2010, 76, 351-354.	1.0	12
76	Detection and characterization of <i>Ageratum enation virus</i> and a nanovirus-like satellite DNA1 from zinnia causing leaf curl symptoms in India. Journal of General Plant Pathology, 2010, 76, 395-398.	1.0	23
77	Complete nucleotide sequence of cherry virus A (CVA) infecting sweet cherry in India. Archives of Virology, 2010, 155, 2079-2082.	2.1	14
78	Molecular variability analyses of Apple chlorotic leaf spot virus capsid protein. Journal of Biosciences, 2010, 35, 605-615.	1.1	20
79	Analysis of the coat protein gene and untranslated region of RNA3 of Cucumber Mosaic Virus isolates infecting various <i>Lilium</i> species and hybrids: association of the isolate infecting asiatic hybrid lily with subgroup II. Archives of Phytopathology and Plant Protection, 2010, 43, 826-848.	1.3	0
80	Analysis of the Coat Protein Gene of Indian Strain of Apple Stem Grooving Virus. Journal of Plant Biochemistry and Biotechnology, 2010, 19, 91-94.	1.7	21
81	Evidence for the occurrence of a distinct potyvirus on naturally growing <i>Narcissus tazetta</i> . Archives of Phytopathology and Plant Protection, 2010, 43, 209-214.	1.3	4
82	Molecular characterization and variability analysis of Apple scar skin viroid in India. Journal of General Plant Pathology, 2009, 75, 307-311.	1.0	17
83	Molecular characterization of the Indian strain of Apple mosaic virus isolated from apple ( <i>Malus</i> ) Tj ETQq1 1 0.784314 rgBT / Overlock	1.2	13
84	Molecular evidence for the presence of Apple chlorotic leaf spot virus in infected peach trees in India. Scientia Horticulturae, 2009, 120, 296-299.	3.6	5
85	Potential uses of in vitro expressed and purified recombinant <i>Prunus necrotic ringspot virus</i> coat protein gene. Archives of Phytopathology and Plant Protection, 2009, 42, 442-452.	1.3	4
86	A new chrysanthemum potyvirus: molecular evidence. Archives of Phytopathology and Plant Protection, 2009, 42, 436-441.	1.3	4
87	Identification and Characterization of Bean yellow mosaic virus Infecting Freesia. Journal of Plant Biochemistry and Biotechnology, 2009, 18, 253-255.	1.7	8
88	Recombination and phylogeographical analysis of Lily symptomless virus. Virus Genes, 2008, 36, 421-427.	1.6	18
89	Molecular characterization of a distinct bipartite begomovirus species infecting tomato in India. Virus Genes, 2008, 37, 425-431.	1.6	57
90	Complete nucleotide sequence analysis of Cymbidium mosaic virus Indian isolate: further evidence for natural recombination among potexviruses. Journal of Biosciences, 2007, 32, 663-669.	1.1	13

#	ARTICLE	IF	CITATIONS
91	Molecular cloning of Indian tomato leaf curl virus genome following a simple method of concentrating the supercoiled replicative form of viral DNA. <i>Journal of Virological Methods</i> , 1995, 51, 297-304.	2.1	77