Hanu R Pappu

List of Publications by Year
in descending order

53	1,239	430874	395702
papers	citations	18 h-index	33 g-index

54	54	54	1363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phylogenetics of tobacco rattle virus isolates from potato (Solanum tuberosum L.) in the USA: a multi-gene approach to evolutionary lineage. Virus Genes, 2022, 58, 42-52.	1.6	2
2	World Society for Virology first international conference: Tackling global virus epidemics. Virology, 2022, 566, 114-121.	2.4	2
3	Genome Sequence of Sclerotinia sclerotiorum Hypovirulence-Associated DNA Virus 1 Found in the Fungus Penicillium olsonii Isolated from Washington State, USA. Microbiology Resource Announcements, 2022, , e0001922.	0.6	1
4	Current Status and Potential of RNA Interference for the Management of Tomato Spotted Wilt Virus and Thrips Vectors. Pathogens, 2021, 10, 320.	2.8	16
5	Induction of Plant Resistance in Tobacco (Nicotiana tabacum) against Tomato Spotted Wilt Orthotospovirus through Foliar Application of dsRNA. Viruses, 2021, 13, 662.	3.3	17
6	Molecular characterization of the 3â€² end of Citrus tristeza virus genome from Oman. Indian Phytopathology, 2021, 74, 1147-1150.	1.2	0
7	Viruses Without Borders: Global Analysis of the Population Structure, Haplotype Distribution, and Evolutionary Pattern of Iris Yellow Spot Orthotospovirus (Family Tospoviridae, Genus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4	3.3	18
8	Identification and Characterization of Plant-Interacting Targets of Tomato Spotted Wilt Virus Silencing Suppressor. Pathogens, 2021, 10, 27.	2.8	7
9	Identification and Functional Analysis of Four RNA Silencing Suppressors in Begomovirus Croton Yellow Vein Mosaic Virus. Frontiers in Plant Science, 2021, 12, 768800.	3.6	9
10	Genetic diversity in potato mop-top virus populations in the United States and a global analysis of the PMTV genome. European Journal of Plant Pathology, 2020, 156, 333-342.	1.7	2
11	Emerging Molecular Links Between Plant Photomorphogenesis and Virus Resistance. Frontiers in Plant Science, 2020, 11, 920.	3.6	6
12	A loopâ€mediated isothermal amplification assay for the detection of <scp>Dahlia mosaic caulimovirus</scp> in Dahlia (<scp>Dahlia variabilis</scp>). Annals of Applied Biology, 2020, 176, 203-209.	2.5	10
13	A survey on the infection of Onion yellow dwarf virus and Iris yellow spot tospovirus in seed and bulb productions systems of onion in Calabria, Italy. European Journal of Plant Pathology, 2020, 156, 767-778.	1.7	7
14	The Tomato spotted wilt virus (TSWV) Genome is Differentially Targeted in TSWV-Infected Tomato (Solanum lycopersicum) with or without Sw-5 Gene. Viruses, 2020, 12, 363.	3.3	9
15	Virus and Viroid-Derived Small RNAs as Modulators of Host Gene Expression: Molecular Insights Into Pathogenesis. Frontiers in Microbiology, 2020, 11, 614231.	3.5	22
16	ICTV Virus Taxonomy Profile: Caulimoviridae. Journal of General Virology, 2020, 101, 1025-1026.	2.9	49
17	Putative Auxin and Light Responsive Promoter Elements From the Tomato spotted wilt tospovirus Genome, When Expressed as cDNA, Are Functional in Arabidopsis. Frontiers in Plant Science, 2019, 10, 804.	3.6	9
18	Multiplexed editing of a begomovirus genome restricts escape mutant formation and disease development. PLoS ONE, 2019, 14, e0223765.	2.5	50

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19	Identification and localization of Tospovirus genus-wide conserved residues in 3D models of the nucleocapsid and the silencing suppressor proteins. Virology Journal, 2019, 16, 7.	3.4	14
20	In silico Prediction and Validations of Domains Involved in Gossypium hirsutum SnRK1 Protein Interaction With Cotton Leaf Curl Multan Betasatellite Encoded Î²C1. Frontiers in Plant Science, 2019, 10, 656.	3.6	15
21	Complete genome characterization and population dynamics of potato virus Y-NTN strain from India. VirusDisease, 2019, 30, 252-260.	2.0	3
22	Î²C1, pathogenicity determinant encoded by Cotton leaf curl Multan betasatellite, interacts with calmodulin-like protein 11 (Gh-CML11) inÂGossypium hirsutum. PLoS ONE, 2019, 14, e0225876.	2.5	10
23	A novel fungal effector from Puccinia graminis suppressing <scp>RNA</scp> silencing and plant defense responses. New Phytologist, 2019, 222, 1561-1572.	7.3	59
24	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. Journal of Virology, 2018, 92, .	3.4	79
25	Whole-Genome Characterization of Prunus necrotic ringspot virus Infecting Sweet Cherry in China. Genome Announcements, 2018, 6, .	0.8	3
26	Deriving Economic Models for Pea Aphid (Hemiptera: Aphididae) as a Direct-Pest and a Virus-Vector on Commercial Lentils. Journal of Economic Entomology, 2018, 111, 2225-2232.	1.8	15
27	Nanotechnology for Plant Disease Management. Agronomy, 2018, 8, 285.	3.0	256
28	Transcriptome-wide identification of host genes targeted by tomato spotted wilt virus-derived small interfering RNAs. Virus Research, 2017, 238, 13-23.	2.2	38
29	Geminiviruses and Plant Hosts: A Closer Examination of the Molecular Arms Race. Viruses, 2017, 9, 256.	3.3	80
30	The effects of potato virus Y-derived virus small interfering RNAs of three biologically distinct strains on potato (Solanum tuberosum) transcriptome. Virology Journal, 2017, 14, 129.	3.4	15
31	The Tomato Spotted Wilt Virus Genome Is Processed Differentially in its Plant Host Arachis hypogaea and its Thrips Vector Frankliniella fusca. Frontiers in Plant Science, 2016, 7, 1349.	3.6	31
32	Complete Genomic Characterization of Plum bark necrosis stem pittingâ€“associated virus Infecting Sweet Cherry in China. Genome Announcements, 2016, 4, .	0.8	6
33	Sequence characterization, molecular phylogeny reconstruction and recombination analysis of the large RNA of Tomato spotted wilt virus (Tospovirus: Bunyaviridae) from the United States. BMC Research Notes, 2016, 9, 200.	1.4	6
34	Structure and Genome Organization of Cherry Virus A (Capillovirus, Betaflexiviridae) from China Using Small RNA Sequencing. Genome Announcements, 2016, 4, .	0.8	3
35	Evaluation and identification of candidate genes for artificial microRNA-mediated resistance to tomato spotted wilt virus. Virus Research, 2016, 211, 151-158.	2.2	39
36	Comparison of small RNA profiles in Nicotiana benthamiana and Solanum lycopersicum infected by polygonum ringspot tospovirus reveals host-specific responses to viral infection. Virus Research, 2016, 211, 38-45.	2.2	21

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37	In Vivo Localization of Iris yellow spot Tospovirus (Bunyaviridae)-Encoded Proteins and Identification of Interacting Regions of Nucleocapsid and Movement Proteins. PLoS ONE, 2015, 10, e0118973.	2.5	27
38	Use of Electrical Penetration Graph Technology to Examine Transmission of â€˜Candidatus Liberibacter solanacearumâ€™ to Potato by Three Haplotypes of Potato Psyllid (Bactericera cockerelli; Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	41
39	Movement and nucleocapsid proteins coded by two tospovirus species interact through multiple binding regions in mixed infections. Virology, 2015, 478, 137-147.	2.4	21
40	Small RNA profiles of wild-type and silencing suppressor-deficient tomato spotted wilt virus infected Nicotiana benthamiana. Virus Research, 2015, 208, 30-38.	2.2	34
41	In memoriam â€“ Richard M. Elliott (1954â€“2015). Journal of General Virology, 2015, 96, 1975-1978.	2.9	4
42	Comparative analysis of virus-specific small RNA profiles of three biologically distinct strains of Potato virus Y in infected potato (Solanum tuberosum) cv. Russet Burbank. Virus Research, 2014, 191, 153-160.	2.2	23
43	Global analysis of population structure, spatial and temporal dynamics of genetic diversity, and evolutionary lineages of Iris yellow spot virus (Tospovirus: Bunyaviridae). Gene, 2014, 547, 111-118.	2.2	8
44	Effect of Potato Virus S Infection on Late Blight Resistance in Potato. American Journal of Potato Research, 2014, 91, 642-648.	0.9	8
45	Susceptibility of Arabidopsis Ecotypes to Infection by Iris yellow spot virus. Plant Health Progress, 2012, 13, .	1.4	2
46	Evaluation of Lisianthus as an Indicator Host forIris yellow spot virus. Plant Disease, 2011, 95, 1520-1527.	1.4	3
47	Phenotypic and Etiological Differences Between Psyllid Yellows and Zebra Chip Diseases of Potato. American Journal of Potato Research, 2010, 87, 41-49.	0.9	77
48	Dahlia Mosaic-Associated Caulimoviruses in Dahlia in Lithuania. Plant Health Progress, 2009, 10, 49.	1.4	1
49	A new and distinct species in the genus Caulimovirus exists as an endogenous plant pararetroviral sequence in its host, Dahlia variabilis. Virology, 2008, 376, 253-257.	2.4	38
50	Characterization of Iris yellow spot virus from Onion in Arizona. Plant Health Progress, 2008, 9, .	1.4	9
51	Evaluation of the National Plant Germplasm System's Garlic Collection for Seven Viruses. Plant Health Progress, 2008, 9, .	1.4	5
52	Iris yellow spot virus on Shallot and Onion in France. Plant Health Progress, 2008, 9, .	1.4	14
53	Increasing Outbreaks and Impact of Iris yellow spot virus in Bulb and Seed Onion Crops in the Imperial and Antelope Valleys of California. Plant Health Progress, 2007, 8, 50.	1.4	10