

# Vicente Pallas

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

169 papers	4,882 citations	41 h-index	59 g-index
184 ext. papers	5,885 ext. citations	4.3 avg, IF	5.7 L-index

#	Paper	IF	Citations
169	How do plant viruses induce disease? Interactions and interference with host components. <i>Journal of General Virology</i> , <b>2011</b> , 92, 2691-2705	4.9	160
168	A long-distance translocatable phloem protein from cucumber forms a ribonucleoprotein complex in vivo with Hop stunt viroid RNA. <i>Journal of Virology</i> , <b>2004</b> , 78, 10104-10	6.6	118
167	Current status of viroid taxonomy. <i>Archives of Virology</i> , <b>2014</b> , 159, 3467-78	2.6	115
166	Identification of translocatable RNA-binding phloem proteins from melon, potential components of the long-distance RNA transport system. <i>Plant Journal</i> , <b>2005</b> , 41, 107-16	6.9	115
165	mA demethylase activity modulates viral infection of a plant virus and the mA abundance in its genomic RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 10755-10760	11.5	112
164	Development of a citrus genome-wide EST collection and cDNA microarray as resources for genomic studies. <i>Plant Molecular Biology</i> , <b>2005</b> , 57, 375-91	4.6	103
163	Influence of saline stress on root hydraulic conductance and PIP expression in Arabidopsis. <i>Journal of Plant Physiology</i> , <b>2003</b> , 160, 689-97	3.6	96
162	Studies on the diagnosis of hop stunt viroid in fruit trees: Identification of new hosts and application of a nucleic acid extraction procedure based on non-organic solvents. <i>European Journal of Plant Pathology</i> , <b>1996</b> , 102, 837-846	2.1	96
161	High-throughput sequencing, characterization and detection of new and conserved cucumber miRNAs. <i>PLoS ONE</i> , <b>2011</b> , 6, e19523	3.7	90
160	Identification of an in vitro ribonucleoprotein complex between a viroid RNA and a phloem protein from cucumber plants. <i>Molecular Plant-Microbe Interactions</i> , <b>2001</b> , 14, 910-3	3.6	89
159	Simultaneous detection and identification of eight stone fruit viruses by one-step RT-PCR. <i>European Journal of Plant Pathology</i> , <b>2005</b> , 111, 77-84	2.1	88
158	Hop stunt viroid (HSVd) sequence variants from Prunus species: evidence for recombination between HSVd isolates. <i>Journal of General Virology</i> , <b>1997</b> , 78 ( Pt 12), 3177-86	4.9	82
157	Detection of Viroid and Viroid-like RNAs from Grapevine. <i>Journal of General Virology</i> , <b>1985</b> , 66, 2095-2102	4.9	73
156	Viroid-induced symptoms in Nicotiana benthamiana plants are dependent on RDR6 activity. <i>Plant Physiology</i> , <b>2008</b> , 148, 414-23	6.6	71
155	Simultaneous detection of the three ilarviruses affecting stone fruit trees by nonisotopic molecular hybridization and multiplex reverse-transcription polymerase chain reaction. <i>Phytopathology</i> , <b>2000</b> , 90, 1330-6	3.8	68
154	Interplay between viroid-induced pathogenesis and RNA silencing pathways. <i>Trends in Plant Science</i> , <b>2009</b> , 14, 264-9	13.1	64
153	High-throughput sequencing of Hop stunt viroid-derived small RNAs from cucumber leaves and phloem. <i>Molecular Plant Pathology</i> , <b>2010</b> , 11, 347-59	5.7	62

152	Viral factors involved in plant pathogenesis. <i>Current Opinion in Virology</i> , <b>2015</b> , 11, 21-30	7.5	61
151	Evolutionary relationships in the ilarviruses: nucleotide sequence of prunus necrotic ringspot virus RNA 3. <i>Archives of Virology</i> , <b>1997</b> , 142, 749-63	2.6	61
150	Transcriptional response of Citrus aurantifolia to infection by Citrus tristeza virus. <i>Virology</i> , <b>2007</b> , 367, 298-306	3.6	61
149	Strategies for simultaneous detection of multiple plant viruses. <i>Canadian Journal of Plant Pathology</i> , <b>2006</b> , 28, 16-29	1.6	59
148	Ilarviruses of Prunus spp.: a continued concern for fruit trees. <i>Phytopathology</i> , <b>2012</b> , 102, 1108-20	3.8	57
147	In vivo detection, RNA-binding properties and characterization of the RNA-binding domain of the p7 putative movement protein from carnation mottle carmovirus (CarMV). <i>Virology</i> , <b>1999</b> , 255, 354-65	3.6	57
146	Mature monomeric forms of Hop stunt viroid resist RNA silencing in transgenic plants. <i>Plant Journal</i> , <b>2007</b> , 51, 1041-9	6.9	56
145	Functional analysis of the five melon necrotic spot virus genome-encoded proteins. <i>Journal of General Virology</i> , <b>2006</b> , 87, 2371-2380	4.9	55
144	Detection of plant RNA viruses by nonisotopic dot-blot hybridization. <i>Methods in Molecular Biology</i> , <b>1998</b> , 81, 461-8	1.4	55
143	Accumulation of gentisic acid as associated with systemic infections but not with the hypersensitive response in plant-pathogen interactions. <i>Planta</i> , <b>2006</b> , 223, 500-11	4.7	53
142	Isolation of a Viroid-like RNA from Hop Different from Hop Stunt Viroid. <i>Journal of General Virology</i> , <b>1987</b> , 68, 3201-3205	4.9	53
141	A pathogenic non-coding RNA induces changes in dynamic DNA methylation of ribosomal RNA genes in host plants. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 1553-62	20.1	52
140	The Intra- and intercellular movement of Melon necrotic spot virus (MNSV) depends on an active secretory pathway. <i>Molecular Plant-Microbe Interactions</i> , <b>2010</b> , 23, 263-72	3.6	52
139	Cell-to-cell movement of Alfalfa mosaic virus can be mediated by the movement proteins of Ilar-, bromo-, cucumo-, tobamo- and comoviruses and does not require virion formation. <i>Virology</i> , <b>2006</b> , 346, 66-73	3.6	51
138	Simultaneous detection of six stone fruit viruses by non-isotopic molecular hybridization using a unique riboprobe or TpolyprobeT <i>Journal of Virological Methods</i> , <b>2005</b> , 124, 49-55	2.6	51
137	Molecular Variability Among Isolates of Prunus Necrotic Ringspot Virus from Different Prunus spp. <i>Phytopathology</i> , <b>1999</b> , 89, 991-9	3.8	49
136	The Tobacco mosaic virus movement protein associates with but does not integrate into biological membranes. <i>Journal of Virology</i> , <b>2014</b> , 88, 3016-26	6.6	48
135	The molecular characterization of 16 new sequence variants of Hop stunt viroid reveals the existence of invariable regions and a conserved hammerhead-like structure on the viroid molecule. <i>Journal of General Virology</i> , <b>2001</b> , 82, 953-962	4.9	48

134	The molecular biology of ilarviruses. <i>Advances in Virus Research</i> , <b>2013</b> , 87, 139-81	10.7	47
133	Comparative analysis of ELISA, nonradioactive molecular hybridization and PCR for the detection of prunus necrotic ringspot virus in herbaceous and Prunus hosts. <i>Plant Pathology</i> , <b>1998</b> , 47, 780-786	2.8	46
132	The coat protein of prunus necrotic ringspot virus specifically binds to and regulates the conformation of its genomic RNA. <i>Virology</i> , <b>2003</b> , 313, 213-23	3.6	45
131	Non-isotopic tissue-printing hybridization: a new technique to study long-distance plant virus movement. <i>Journal of Virological Methods</i> , <b>1995</b> , 52, 317-26	2.6	42
130	Induction of cinnamate 4-hydroxylase and phenylpropanoids in virus-infected cucumber and melon plants. <i>Plant Science</i> , <b>2008</b> , 174, 524-533	5.3	41
129	RNA-binding properties and mapping of the RNA-binding domain from the movement protein of Prunus necrotic ringspot virus. <i>Journal of General Virology</i> , <b>2004</b> , 85, 761-768	4.9	41
128	Comparative Infection Progress Analysis of Lettuce big-vein virus and Mirafiori lettuce virus in Lettuce Crops by Developed Molecular Diagnosis Techniques. <i>Phytopathology</i> , <b>2004</b> , 94, 470-7	3.8	39
127	The sequence of a viroid from grapevine closely related to severe isolates of citrus exocortis viroid. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 4203-10	20.1	39
126	Location of Prunus Necrotic Ringspot Iilarvirus Within Pollen Grains of Infected Nectarine Trees: Evidence from RT-PCR, Dot-blot and in situ Hybridisation. <i>European Journal of Plant Pathology</i> , <b>1999</b> , 105, 623-627	2.1	36
125	Recent Advances on the Multiplex Molecular Detection of Plant Viruses and Viroids. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2087	5.7	35
124	Plant virus cell-to-cell movement is not dependent on the transmembrane disposition of its movement protein. <i>Journal of Virology</i> , <b>2009</b> , 83, 5535-43	6.6	34
123	Vertical transmission of Prunus necrotic ringspot virus: hitch-hiking from gametes to seedling. <i>Journal of General Virology</i> , <b>2009</b> , 90, 1767-1774	4.9	34
122	RNA-binding properties and membrane insertion of Melon necrotic spot virus (MNSV) double gene block movement proteins. <i>Virology</i> , <b>2006</b> , 356, 57-67	3.6	34
121	Contribution of topology determinants of a viral movement protein to its membrane association, intracellular traffic, and viral cell-to-cell movement. <i>Journal of Virology</i> , <b>2011</b> , 85, 7797-809	6.6	33
120	Membrane insertion and topology of the p7B movement protein of Melon Necrotic Spot Virus (MNSV). <i>Virology</i> , <b>2007</b> , 367, 348-57	3.6	33
119	Mutational analysis of the RNA-binding domain of the Prunus necrotic ringspot virus (PNRSV) movement protein reveals its requirement for cell-to-cell movement. <i>Virology</i> , <b>2005</b> , 339, 31-41	3.6	33
118	Simultaneous detection of five carnation viruses by non-isotopic molecular hybridization. <i>Journal of Virological Methods</i> , <b>1999</b> , 82, 167-75	2.6	33
117	Chemiluminescent and colorigenic detection of cherry leaf roll virus with digoxigenin-labeled RNA probes. <i>Journal of Virological Methods</i> , <b>1993</b> , 45, 93-102	2.6	33

116	Phloem RNA-binding proteins as potential components of the long-distance RNA transport system. <i>Frontiers in Plant Science</i> , <b>2013</b> , 4, 130	6.2	32
115	In vitro and in vivo mapping of the Prunus necrotic ringspot virus coat protein C-terminal dimerization domain by bimolecular fluorescence complementation. <i>Journal of General Virology</i> , <b>2006</b> , 87, 1745-1750	4.9	32
114	Key checkpoints in the movement of plant viruses through the host. <i>Advances in Virus Research</i> , <b>2019</b> , 104, 1-64	10.7	31
113	Distribution and pathway for phloem-dependent movement of Melon necrotic spot virus in melon plants. <i>Molecular Plant Pathology</i> , <b>2008</b> , 9, 447-61	5.7	31
112	Nucleotide sequence of apple mosaic ilarvirus RNA 4. <i>Journal of General Virology</i> , <b>1994</b> , 75 ( Pt 6), 1441-54	4.9	31
111	Noncoding RNA mediated traffic of foreign mRNA into chloroplasts reveals a novel signaling mechanism in plants. <i>PLoS ONE</i> , <b>2010</b> , 5, e12269	3.7	31
110	Multifunctional roles for the N-terminal basic motif of Alfalfa mosaic virus coat protein: nucleolar/cytoplasmic shuttling, modulation of RNA-binding activity, and virion formation. <i>Molecular Plant-Microbe Interactions</i> , <b>2012</b> , 25, 1093-103	3.6	30
109	Prunus necrotic ringspot virus Early Invasion and Its Effects on Apricot Pollen Grain Performance. <i>Phytopathology</i> , <b>2007</b> , 97, 892-9	3.8	30
108	The movement proteins (NSm) of distinct tospoviruses peripherally associate with cellular membranes and interact with homologous and heterologous NSm and nucleocapsid proteins. <i>Virology</i> , <b>2015</b> , 478, 39-49	3.6	29
107	The coat protein of Alfalfa mosaic virus interacts and interferes with the transcriptional activity of the bHLH transcription factor ILR3 promoting salicylic acid-dependent defence signalling response. <i>Molecular Plant Pathology</i> , <b>2017</b> , 18, 173-186	5.7	28
106	A remarkable synergistic effect at the transcriptomic level in peach fruits doubly infected by prunus necrotic ringspot virus and peach latent mosaic viroid. <i>Virology Journal</i> , <b>2013</b> , 10, 164	6.1	28
105	Long-distance movement of cherry leaf roll virus in infected tobacco plants. <i>Journal of General Virology</i> , <b>1996</b> , 77 ( Pt 3), 531-40	4.9	28
104	Recent advances and prospects in Prunus virology. <i>Annals of Applied Biology</i> , <b>2017</b> , 171, 125-138	2.6	27
103	Detection of melon necrotic spot virus in water samples and melon plants by molecular methods. <i>Journal of Virological Methods</i> , <b>2003</b> , 113, 87-93	2.6	27
102	Genetic variability in the coat protein genes of lettuce big-vein associated virus and Mirafiori lettuce big-vein virus. <i>Archives of Virology</i> , <b>2005</b> , 150, 681-94	2.6	27
101	Structural properties of carnation mottle virus p7 movement protein and its RNA-binding domain. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 18122-9	5.4	27
100	The molecular variability analysis of the RNA 3 of fifteen isolates of Prunus necrotic ringspot virus sheds light on the minimal requirements for the synthesis of its subgenomic RNA. <i>Virus Genes</i> , <b>2002</b> , 25, 75-84	2.3	26
99	Molecular variability of twenty-one geographically distinct isolates of Carnation mottle virus (CarMV) and phylogenetic relationships within the Tombusviridae family. <i>Archives of Virology</i> , <b>2001</b> , 146, 2039-51	2.6	25

98	Molecular Characterization of an Almond Isolate of Hop Stunt Viroid (HSVd) and Conditions for Eliminating Spurious Hybridization in its Diagnosis in Almond Samples. <i>European Journal of Plant Pathology</i> , <b>1999</b> , 105, 553-558	2.1	25
97	Simultaneous detection and identification of Pepino mosaic virus (PepMV) isolates by multiplex one-step RT-PCR. <i>European Journal of Plant Pathology</i> , <b>2009</b> , 125, 143-158	2.1	24
96	Studies on subcellular compartmentalization of plant pathogenic noncoding RNAs give new insights into the intracellular RNA-traffic mechanisms. <i>Plant Physiology</i> , <b>2012</b> , 159, 558-64	6.6	24
95	Simultaneous detection of six RNA plant viruses affecting tomato crops using a single digoxigenin-labelled polyprobe. <i>European Journal of Plant Pathology</i> , <b>2009</b> , 123, 117-123	2.1	23
94	Genetic diversity of the movement and coat protein genes of South American isolates of Prunus necrotic ringspot virus. <i>Archives of Virology</i> , <b>2008</b> , 153, 909-19	2.6	23
93	Non-radioactive molecular hybridization detection of carnation mottle virus in infected carnations and its comparison to serological and biological techniques. <i>Plant Pathology</i> , <b>1996</b> , 45, 375-382	2.8	23
92	ICTV Virus Taxonomy Profile: Bromoviridae. <i>Journal of General Virology</i> , <b>2019</b> , 100, 1206-1207	4.9	22
91	Comparative proteomic analysis of melon phloem exudates in response to viral infection. <i>Journal of Proteomics</i> , <b>2015</b> , 124, 11-24	3.9	21
90	Patellins 3 and 6, two members of the Plant Patellin family, interact with the movement protein of Alfalfa mosaic virus and interfere with viral movement. <i>Molecular Plant Pathology</i> , <b>2014</b> , 15, 881-91	5.7	21
89	Implication of the C terminus of the Prunus necrotic ringspot virus movement protein in cell-to-cell transport and in its interaction with the coat protein. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1865-70	4.9	21
88	A self-interacting carmovirus movement protein plays a role in binding of viral RNA during the cell-to-cell movement and shows an actin cytoskeleton dependent location in cell periphery. <i>Virology</i> , <b>2009</b> , 395, 133-42	3.6	21
87	Detection of a tomato strain of Parietaria mottle virus (PMoV-T) by molecular hybridization and RT-PCR in field samples from north-eastern Spain. <i>Plant Pathology</i> , <b>2005</b> , 54, 29-35	2.8	21
86	ICTV Virus Taxonomy Profile: Avsunviroidae. <i>Journal of General Virology</i> , <b>2018</b> , 99, 611-612	4.9	21
85	Alterations in host DNA methylation in response to constitutive expression of Hop stunt viroid RNA in <i>Nicotiana benthamiana</i> plants. <i>Plant Pathology</i> , <b>2015</b> , 64, 1247-1257	2.8	20
84	A pathogenic long noncoding RNA redesigns the epigenetic landscape of the infected cells by subverting host Histone Deacetylase 6 activity. <i>New Phytologist</i> , <b>2016</b> , 211, 1311-22	9.8	20
83	Caulimoviridae tubule-guided transport is dictated by movement protein properties. <i>Journal of Virology</i> , <b>2010</b> , 84, 4109-12	6.6	19
82	Comparative analysis among the small RNA populations of source, sink and conductive tissues in two different plant-virus pathosystems. <i>BMC Genomics</i> , <b>2015</b> , 16, 117	4.5	18
81	An important new apricot disease in Spain is associated with Hop stunt viroid infection. <i>European Journal of Plant Pathology</i> , <b>2007</b> , 118, 173-181	2.1	18

80	Molecular evolution of the plant virus family Bromoviridae based on RNA3-encoded proteins. <i>Journal of Molecular Evolution</i> , <b>2005</b> , 61, 697-705	3.1	18
79	Influence of the plant growing conditions on the translocation routes and systemic infection of carnation mottle virus in Chenopodium quinoa plants. <i>Physiological and Molecular Plant Pathology</i> , <b>2001</b> , 58, 229-238	2.6	18
78	Changes in the DNA methylation pattern of the host male gametophyte of viroid-infected cucumber plants. <i>Journal of Experimental Botany</i> , <b>2016</b> , 67, 5857-5868	7	18
77	Simultaneous detection of eight viruses and two viroids affecting stone fruit trees by using a unique polyprobe. <i>European Journal of Plant Pathology</i> , <b>2012</b> , 132, 469-475	2.1	17
76	Systemic transport of Alfalfa mosaic virus can be mediated by the movement proteins of several viruses assigned to five genera of the 30K family. <i>Journal of General Virology</i> , <b>2013</b> , 94, 677-681	4.9	17
75	Viroids: a light in the darkness of the lncRNA-directed regulatory networks in plants. <i>New Phytologist</i> , <b>2013</b> , 198, 10-15	9.8	17
74	Seed tolerance to deterioration in arabidopsis is affected by virus infection. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 116, 1-8	5.4	16
73	A model for transport of a viral membrane protein through the early secretory pathway: minimal sequence and endoplasmic reticulum lateral mobility requirements. <i>Plant Journal</i> , <b>2014</b> , 77, 863-79	6.9	16
72	Kwanzan Stunting Syndrome: detection and molecular characterization of an Italian isolate of Little cherry virus 1. <i>Virus Research</i> , <b>2009</b> , 143, 61-7	6.4	16
71	Oxidative stress induction by Prunus necrotic ringspot virus infection in apricot seeds. <i>Physiologia Plantarum</i> , <b>2007</b> , 131, 302-10	4.6	15
70	Incidence and genetic diversity of Peach latent mosaic viroid and Hop stunt viroid in stone fruits in Serbia. <i>European Journal of Plant Pathology</i> , <b>2008</b> , 120, 167-176	2.1	15
69	The functional analysis of distinct tospovirus movement proteins (NS) reveals different capabilities in tubule formation, cell-to-cell and systemic virus movement among the tospovirus species. <i>Virus Research</i> , <b>2017</b> , 227, 57-68	6.4	14
68	Can the import of mRNA into chloroplasts be mediated by a secondary structure of a small non-coding RNA?. <i>Plant Signaling and Behavior</i> , <b>2010</b> , 5, 1517-9	2.5	14
67	In vitro evidence for RNA binding properties of the coat protein of prunus necrotic ringspot ilarvirus and their comparison to related and unrelated viruses. <i>Archives of Virology</i> , <b>1999</b> , 144, 797-803	2.6	14
66	Sequence variability in avocado sunblotch viroid (ASBV). <i>Nucleic Acids Research</i> , <b>1988</b> , 16, 9864	20.1	14
65	ICTV Virus Taxonomy Profile: Ophioviridae. <i>Journal of General Virology</i> , <b>2017</b> , 98, 1161-1162	4.9	14
64	Hexanoic Acid Treatment Prevents Systemic MNSV Movement in Plants by Priming Callose Deposition Correlating SA and OPDA Accumulation. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1793	6.2	13
63	Hop stunt viroid is processed and translocated in transgenic Nicotiana benthamiana plants. <i>Molecular Plant Pathology</i> , <b>2006</b> , 7, 511-7	5.7	13

62	Spatio-temporal analysis of the RNAs, coat and movement (p7) proteins of Carnation mottle virus in Chenopodium quinoa plants. <i>Journal of General Virology</i> , <b>2003</b> , 84, 745-749	4.9	13
61	An Update on the Intracellular and Intercellular Trafficking of Carmoviruses. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1801	6.2	12
60	Plant tissue distribution and chemical inactivation of six carnation viruses. <i>Crop Protection</i> , <b>2007</b> , 26, 1049-1054	2.7	12
59	Recognition of cis-acting sequences in RNA 3 of Prunus necrotic ringspot virus by the replicase of Alfalfa mosaic virus. <i>Journal of General Virology</i> , <b>2001</b> , 82, 947-951	4.9	12
58	Sequence analysis within the RNA 3 of seven Spanish tomato isolates of Parietaria mottle virus (PMoV-T) reveals important structural differences with the parietaria isolates (PMoV). <i>European Journal of Plant Pathology</i> , <b>2008</b> , 120, 125-135	2.1	11
57	Low genetic variability in the coat and movement proteins of American plum line pattern virus isolates from different geographic origins. <i>Archives of Virology</i> , <b>2008</b> , 153, 367-73	2.6	11
56	Identification and Partial Characterisation of Lettuce big-vein associated virus and Mirafiori lettuce big-vein virus in Common Weeds Found Amongst Spanish Lettuce Crops and their Role in Lettuce Big-vein Disease Transmission. <i>European Journal of Plant Pathology</i> , <b>2005</b> , 113, 25-34	2.1	11
55	A pathogenic non coding RNA that replicates and accumulates in chloroplasts traffics to this organelle through a nuclear-dependent step. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 882-4	2.5	10
54	Interactions between citrus exocortis and potato spindle tuber viroids in plants of Gynura aurantiaca and Lycopersicon esculentum. <i>Intervirology</i> , <b>1989</b> , 30, 10-7	2.5	10
53	Hop stunt viroid: A polyphagous pathogenic RNA that has shed light on viroid-host interactions. <i>Molecular Plant Pathology</i> , <b>2021</b> , 22, 153-162	5.7	10
52	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , <b>2021</b> , 166, 3513-3566	2.6	10
51	Viroid Taxonomy <b>2017</b> , 135-146		9
50	The interaction between plant viroid-induced symptoms and RNA silencing. <i>Methods in Molecular Biology</i> , <b>2012</b> , 894, 323-43	1.4	9
49	Multiplex polymerase chain reaction (PCR) and real-time multiplex PCR for the simultaneous detection of plant viruses. <i>Methods in Molecular Biology</i> , <b>2009</b> , 508, 193-208	1.4	9
48	First Report of Apricot latent virus and Plum bark necrosis stem pitting-associated virus in Apricot from Spain. <i>Plant Disease</i> , <b>2010</b> , 94, 275	1.5	9
47	Dissecting the multifunctional role of the N-terminal domain of the Melon necrotic spot virus coat protein in RNA packaging, viral movement and interference with antiviral plant defence. <i>Molecular Plant Pathology</i> , <b>2017</b> , 18, 837-849	5.7	8
46	Spatial Distribution of Acidic Chitinases and Their Messenger RNAs in Tobacco Plants Infected with Cherry Leaf Roll Virus. <i>Molecular Plant-Microbe Interactions</i> , <b>1997</b> , 10, 784-788	3.6	8
45	Distribution of carnation viruses in the shoot tip: Exclusion from the shoot apical meristem. <i>Physiological and Molecular Plant Pathology</i> , <b>2006</b> , 69, 43-51	2.6	8

44	Subcellular localisation of cherry leaf roll virus coat protein and genomic RNAs in tobacco leaves. <i>Plant Science</i> , <b>2000</b> , 153, 113-124	5.3	8
43	COMPARATIVE ANALYSIS OF THREE DIAGNOSTIC METHODS FOR THE EVALUATION OF PLUM POX VIRUS (PPV) RESISTANCE IN APRICOT BREEDING PROGRAMS. <i>Acta Horticulturae</i> , <b>2003</b> , 353-357	0.3	8
42	ICTV Virus Taxonomy Profile:. <i>Journal of General Virology</i> , <b>2021</b> , 102,	4.9	8
41	Citrus Leprosis Virus C Encodes Three Proteins With Gene Silencing Suppression Activity. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1231	5.7	7
40	Two basic (hydrophilic) regions in the movement protein of Parietaria mottle virus have RNA binding activity and are required for cell-to-cell transport. <i>Virus Research</i> , <b>2014</b> , 184, 54-61	6.4	7
39	The NSm proteins of phylogenetically related tospoviruses trigger Sw-5b-mediated resistance dissociated of their cell-to-cell movement function. <i>Virus Research</i> , <b>2017</b> , 240, 25-34	6.4	7
38	Pokeweed ( <i>Phytolacca americana</i> L.) antiviral protein inhibits Zucchini yellow mosaic virus infection in a dose-dependent manner in squash plants. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , <b>2017</b> , 41, 256-262	2.2	7
37	First Report of Peach latent mosaic viroid in Peach Trees From Mexico. <i>Plant Disease</i> , <b>2015</b> , 99, 899-899	1.5	7
36	DETECTION BY TISSUE PRINTING OF STONE FRUIT VIROIDS, FROM EUROPE, THE MEDITERRANEAN AND NORTH AND SOUTH AMERICA. <i>Acta Horticulturae</i> , <b>2004</b> , 379-383	0.3	7
35	STUDIES ON THE INCIDENCE OF ILARVIRUSES AND APPLE CHLOROTIC LEAF SPOT VIRUS (ACLSV) IN APRICOT TREES IN THE MURCIA REGION (SPAIN) USING SEROLOGICAL AND MOLECULAR HYBRIDIZATION METHODS. <i>Acta Horticulturae</i> , <b>1998</b> , 203-210	0.3	7
34	First Report of Avocado sunblotch viroid in Avocado from Michoacán, México. <i>Plant Disease</i> , <b>2009</b> , 93, 202	1.5	7
33	Simultaneous detection of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> , Pepino mosaic virus and Mexican papita viroid by non-radioactive molecular hybridization using a unique polyprobe. <i>European Journal of Plant Pathology</i> , <b>2015</b> , 143, 779-787	2.1	6
32	Highly efficient construction of infectious viroid-derived clones. <i>Plant Methods</i> , <b>2019</b> , 15, 87	5.8	6
31	Simultaneous detection and genetic variability of stone fruit viroids in the Czech Republic. <i>European Journal of Plant Pathology</i> , <b>2009</b> , 124, 363-368	2.1	6
30	Polyvalent Detection of Members of the Genus Potyvirus by Molecular Hybridization Using a Genus-Probe. <i>Phytopathology</i> , <b>2018</b> , 108, 1522-1529	3.8	5
29	Molecular Hybridization Techniques for Detecting and Studying Viroids <b>2017</b> , 369-379		5
28	A plant virus movement protein regulates the Gcn2p kinase in budding yeast. <i>PLoS ONE</i> , <b>2011</b> , 6, e27409	3.7	5
27	Carmovirus isolation and RNA extraction. <i>Methods in Molecular Biology</i> , <b>1998</b> , 81, 211-7	1.4	5

26	Characterization and in vitro translation analysis of pelargonium flower break virus. <i>Archives of Virology</i> , <b>1999</b> , 144, 1627-37	2.6	5
25	A sensitive and rapid RNA silencing suppressor activity assay based on alfalfa mosaic virus expression vector. <i>Virus Research</i> , <b>2019</b> , 272, 197733	6.4	4
24	Immunodiagnosis of Parietaria mottle virus in Tomato Crops Using a Polyclonal Antiserum against its Coat Protein Expressed in a Bacterial System. <i>Journal of Phytopathology</i> , <b>2009</b> , 157, 511-513	1.8	4
23	A peptide derived from a single-modified viroid-RNA can be used as an "in vivo" nucleolar marker. <i>Journal of Virological Methods</i> , <b>2007</b> , 144, 169-71	2.6	4
22	First Record of Hop stunt viroid in Canada. <i>Plant Disease</i> , <b>2004</b> , 88, 1162	1.5	4
21	Polyvalent detection of twelve viruses and four viroids affecting tomato by using a unique polyprobe. <i>European Journal of Plant Pathology</i> , <b>2019</b> , 155, 361-368	2.1	3
20	Cucurbit chlorotic yellows virus p22 suppressor of RNA silencing binds single-, double-stranded long and short interfering RNA molecules in vitro. <i>Virus Research</i> , <b>2020</b> , 279, 197887	6.4	3
19	Systematic Search for Recombination Events in plant Viruses and Viroids <b>1997</b> , 20-25		3
18	First Report of Carnation mottle virus (CarMV) and Carnation etched ring virus (CERV) in Carnation From Mexico. <i>Plant Disease</i> , <b>2015</b> , 99, 1191-1191	1.5	3
17	Association between flower stalk elongation, an Arabidopsis developmental trait, and the subcellular location and movement dynamics of the nonstructural protein P3 of Turnip mosaic virus. <i>Molecular Plant Pathology</i> , <b>2020</b> , 21, 1271-1286	5.7	3
16	Symptom Severity, Infection Progression and Plant Responses in Solanum Plants Caused by Three Pospiviroids Vary with the Inoculation Procedure. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
15	Might exogenous circular RNAs act as protein-coding transcripts in plants?. <i>RNA Biology</i> , <b>2021</b> , 1-10	4.8	3
14	Dichorhavirus Movement Protein and Nucleoprotein Form a Protein Complex That May Be Required for Virus Spread and Interacts With Viral Movement-Related Cilevirus Proteins. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 571807	5.7	2
13	A conserved motif in three viral movement proteins from different genera is required for host factor recruitment and cell-to-cell movement. <i>Scientific Reports</i> , <b>2020</b> , 10, 4758	4.9	2
12	Identification and genomic characterization of a novel tobamovirus from prickly pear cactus. <i>Archives of Virology</i> , <b>2020</b> , 165, 781-784	2.6	2
11	Molecular characterization of a new trichovirus from peach in Mexico. <i>Archives of Virology</i> , <b>2019</b> , 164, 2617-2620	2.6	2
10	Integrative time-scale and multi-omic analysis of host-responses to Hop stunt viroid infection		2
9	Unravelling the involvement of cilevirus p32 protein in the viral transport. <i>Scientific Reports</i> , <b>2021</b> , 11, 2943	4.9	2

8	The mitochondrial and chloroplast dual targeting of a multifunctional plant viral protein modulates chloroplast-to-nucleus communication, RNA silencing suppressor activity, encapsidation, pathogenesis and tissue tropism. <i>Plant Journal</i> , <b>2021</b> , 108, 197-218	6.9	2
7	Viroid Movement <b>2017</b> , 83-91		1
6	A Protocol to Measure the Extent of Cell-to-cell Movement of RNA Viruses in Planta. <i>Bio-protocol</i> , <b>2014</b> , 4,	0.9	1
5	The mA RNA Demethylase ALKBH9B Plays a Critical Role for Vascular Movement of Alfalfa Mosaic Virus in Arabidopsis. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 745576	5.7	1
4	Mapping of Functional Subdomains in the ALKBH9B mA-Demethylase Required for Its Binding to the Viral RNA and to the Coat Protein of Alfalfa Mosaic Virus. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 701683	6.2	1
3	Geographical Distribution of Viroids in Europe <b>2017</b> , 473-484		0
2	First Report of Alfalfa mosaic virus in Red Pepper Plants in Ecuador. <i>Plant Disease</i> , <b>2016</b> , 100, 1026-1026	1.5	0
1	In memoriam of Ricardo Flores: The career, achievements, and legacy of an inspirational plant virologist.. <i>Virus Research</i> , <b>2022</b> , 198718	6.4	0