Peter D Nagy

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.

148 papers	7,842 citations	53 h-index	82 g-index
152 ext. papers	8,494 ext. citations	6.4 avg, IF	6.57 L-index

#	Paper	IF	Citations
148	New insights into the mechanisms of RNA recombination. *Virology*, **1997**, 235, 1-9	3.6	318
147	The dependence of viral RNA replication on co-opted host factors. *Nature Reviews Microbiology*, **2011**, 10, 137-49	22.2	302
146	Yeast genome-wide screen reveals dissimilar sets of host genes affecting replication of RNA viruses. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 7326-31	11.5	185
145	Advances in the molecular biology of tombusviruses: gene expression, genome replication, and recombination. *Progress in Molecular Biology and Translational Science*, **2004**, 78, 187-226		182
144	Proteomics analysis of the tombusvirus replicase: Hsp70 molecular chaperone is associated with the replicase and enhances viral RNA replication. *Journal of Virology*, **2006**, 80, 2162-9	6.6	166
143	Specific binding of tombusvirus replication protein p33 to an internal replication element in the viral RNA is essential for replication. *Journal of Virology*, **2005**, 79, 4859-69	6.6	162
142	A unique role for the host ESCRT proteins in replication of Tomato bushy stunt virus. *PLoS Pathogens*, **2009**, 5, e1000705	7.6	157
141	The role of the p33:p33/p92 interaction domain in RNA replication and intracellular localization of p33 and p92 proteins of Cucumber necrosis tombusvirus. *Virology*, **2005**, 338, 81-95	3.6	155
140	Yeast as a model host to study replication and recombination of defective interfering RNA of Tomato bushy stunt virus. *Virology*, **2003**, 314, 315-25	3.6	153
139	In vitro assembly of the Tomato bushy stunt virus replicase requires the host Heat shock protein 70. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 19956-61	11.5	152
138	Tomato bushy stunt virus co-opts the RNA-binding function of a host metabolic enzyme for viral genomic RNA synthesis. *Cell Host and Microbe*, **2008**, 3, 178-87	23.4	140
137	Yeast as a model host to explore plant virus-host interactions. *Annual Review of Phytopathology*, **2008**, 46, 217-42	10.8	134
136	Purification of the cucumber necrosis virus replicase from yeast cells: role of coexpressed viral RNA in stimulation of replicase activity. *Journal of Virology*, **2004**, 78, 8254-63	6.6	120
135	A key role for heat shock protein 70 in the localization and insertion of tombusvirus replication proteins to intracellular membranes. *Journal of Virology*, **2009**, 83, 3276-87	6.6	119
134	Cdc34p ubiquitin-conjugating enzyme is a component of the tombusvirus replicase complex and ubiquitinates p33 replication protein. *Journal of Virology*, **2008**, 82, 6911-26	6.6	117
133	Genome-wide screen identifies host genes affecting viral RNA recombination. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 10545-50	11.5	117
132	Translation elongation factor 1A is a component of the tombusvirus replicase complex and affects the stability of the p33 replication co-factor. *Virology*, **2009**, 385, 245-60	3.6	114

131	Identification of essential host factors affecting tombusvirus RNA replication based on the yeast Tet promoters Hughes Collection. *Journal of Virology*, **2006**, 80, 7394-404	6.6	111
130	Role of an internal and two 3'-terminal RNA elements in assembly of tombusvirus replicase. *Journal of Virology*, **2005**, 79, 10608-18	6.6	108
129	A replication silencer element in a plus-strand RNA virus. *EMBO Journal*, **2003**, 22, 5602-11	13	105
128	Characterization of the RNA-binding domains in the replicase proteins of tomato bushy stunt virus. *Journal of Virology*, **2003**, 77, 9244-58	6.6	104
127	Diverse roles of host RNA binding proteins in RNA virus replication. *RNA Biology*, **2011**, 8, 305-15	4.8	101
126	Translation elongation factor 1A facilitates the assembly of the tombusvirus replicase and stimulates minus-strand synthesis. *PLoS Pathogens*, **2010**, 6, e1001175	7.6	99
125	Exploiting alternative subcellular location for replication: tombusvirus replication switches to the endoplasmic reticulum in the absence of peroxisomes. *Virology*, **2007**, 362, 320-30	3.6	99
124	Yeast as a model host to dissect functions of viral and host factors in tombusvirus replication. *Virology*, **2006**, 344, 211-20	3.6	95
123	Screening of the yeast yTHC collection identifies essential host factors affecting tombusvirus RNA recombination. *Journal of Virology*, **2006**, 80, 1231-41	6.6	89
122	Mechanism of RNA recombination in carmo- and tombusviruses: evidence for template switching by the RNA-dependent RNA polymerase in vitro. *Journal of Virology*, **2003**, 77, 12033-47	6.6	88
121	The p92 polymerase coding region contains an internal RNA element required at an early step in Tombusvirus genome replication. *Journal of Virology*, **2005**, 79, 4848-58	6.6	88
120	The host Pex19p plays a role in peroxisomal localization of tombusvirus replication proteins. *Virology*, **2008**, 379, 294-305	3.6	87
119	Co-opted oxysterol-binding ORP and VAP proteins channel sterols to RNA virus replication sites via membrane contact sites. *PLoS Pathogens*, **2014**, 10, e1004388	7.6	84
118	Authentic replication and recombination of Tomato bushy stunt virus RNA in a cell-free extract from yeast. *Journal of Virology*, **2008**, 82, 5967-80	6.6	84
117	Noncanonical role for the host Vps4 AAA+ ATPase ESCRT protein in the formation of Tomato bushy stunt virus replicase. *PLoS Pathogens*, **2014**, 10, e1004087	7.6	83
116	Global genomics and proteomics approaches to identify host factors as targets to induce resistance against Tomato bushy stunt virus. *Advances in Virus Research*, **2010**, 76, 123-77	10.7	82
115	RNA virus replication depends on enrichment of phosphatidylethanolamine at replication sites in subcellular membranes. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E1782-91	11.5	81
114	Defective Interfering RNAs: Foes of Viruses and Friends of Virologists. *Viruses*, **2009**, 1, 895-919	6.2	79

113	Inhibition of sterol biosynthesis reduces tombusvirus replication in yeast and plants. *Journal of Virology*, **2010**, 84, 2270-81	6.6	75
112	Tombusvirus-Host Interactions: Co-Opted Evolutionarily Conserved Host Factors Take Center Court. *Annual Review of Virology*, **2016**, 3, 491-515	14.6	73
111	Ubiquitination of tombusvirus p33 replication protein plays a role in virus replication and binding to the host Vps23p ESCRT protein. *Virology*, **2010**, 397, 358-68	3.6	72
110	The overlapping RNA-binding domains of p33 and p92 replicase proteins are essential for tombusvirus replication. *Virology*, **2003**, 308, 191-205	3.6	72
109	A Co-Opted DEAD-Box RNA helicase enhances tombusvirus plus-strand synthesis. *PLoS Pathogens*, **2012**, 8, e1002537	7.6	71
108	Building Viral Replication Organelles: Close Encounters of the Membrane Types. *PLoS Pathogens*, **2016**, 12, e1005912	7.6	71
107	Suppression of viral RNA recombination by a host exoribonuclease. *Journal of Virology*, **2006**, 80, 2631-40	6.6	66
106	The AU-rich RNA recombination hot spot sequence of Brome mosaic virus is functional in tombusviruses: implications for the mechanism of RNA recombination. *Journal of Virology*, **2004**, 78, 2288-300	6.6	64
105	RNA chaperone activity of the tombusviral p33 replication protein facilitates initiation of RNA synthesis by the viral RdRp in vitro. *Virology*, **2011**, 409, 338-47	3.6	63
104	Silencing of Nicotiana benthamiana Xrn4p exoribonuclease promotes tombusvirus RNA accumulation and recombination. *Virology*, **2009**, 386, 344-52	3.6	62
103	The Nedd4-type Rsp5p ubiquitin ligase inhibits tombusvirus replication by regulating degradation of the p92 replication protein and decreasing the activity of the tombusvirus replicase. *Journal of Virology*, **2009**, 83, 11751-64	6.6	61
102	Synergistic roles of eukaryotic translation elongation factors 1B□and 1A in stimulation of tombusvirus minus-strand synthesis. *PLoS Pathogens*, **2011**, 7, e1002438	7.6	61
101	A temperature sensitive mutant of heat shock protein 70 reveals an essential role during the early steps of tombusvirus replication. *Virology*, **2009**, 394, 28-38	3.6	58
100	Inhibition of phospholipid biosynthesis decreases the activity of the tombusvirus replicase and alters the subcellular localization of replication proteins. *Virology*, **2011**, 415, 141-52	3.6	57
99	Direct inhibition of tombusvirus plus-strand RNA synthesis by a dominant negative mutant of a host metabolic enzyme, glyceraldehyde-3-phosphate dehydrogenase, in yeast and plants. *Journal of Virology*, **2011**, 85, 9090-102	6.6	56
98	Cpr1 cyclophilin and Ess1 parvulin prolyl isomerases interact with the tombusvirus replication protein and inhibit viral replication in yeast model host. *Virology*, **2010**, 406, 342-51	3.6	56
97	A discontinuous RNA platform mediates RNA virus replication: building an integrated model for RNA-based regulation of viral processes. *PLoS Pathogens*, **2009**, 5, e1000323	7.6	55
96	Expression of the Arabidopsis Xrn4p 5T3Texoribonuclease facilitates degradation of tombusvirus RNA and promotes rapid emergence of viral variants in plants. *Virology*, **2007**, 368, 238-48	3.6	54

95	Enrichment of Phosphatidylethanolamine in Viral Replication Compartments via Co-opting the Endosomal Rab5 Small GTPase by a Positive-Strand RNA Virus. *PLoS Biology*, **2016**, 14, e2000128	9.7	52
94	Three-dimensional imaging of the intracellular assembly of a functional viral RNA replicase complex. *Journal of Cell Science*, **2017**, 130, 260-268	5.3	52
93	Host factors with regulatory roles in tombusvirus replication. *Current Opinion in Virology*, **2012**, 2, 691-8	7.5	51
92	Multiple roles of viral replication proteins in plant RNA virus replication. *Methods in Molecular Biology*, **2008**, 451, 55-68	1.4	48
91	Expanding use of multi-origin subcellular membranes by positive-strand RNA viruses during replication. *Current Opinion in Virology*, **2014**, 9, 119-26	7.5	47
90	Kinetics and functional studies on interaction between the replicase proteins of Tomato Bushy Stunt Virus: requirement of p33:p92 interaction for replicase assembly. *Virology*, **2006**, 345, 270-9	3.6	47
89	Template role of double-stranded RNA in tombusvirus replication. *Journal of Virology*, **2014**, 88, 5638-51	6.6	46
88	Interaction between the replicase proteins of Tomato bushy stunt virus in vitro and in vivo. *Virology* , **2004**, 326, 250-61	3.6	46
87	How yeast can be used as a genetic platform to explore virus-host interactions: from TomicsTto functional studies. *Trends in Microbiology*, **2014**, 22, 309-16	12.4	44
86	The roles of host factors in tombusvirus RNA recombination. *Advances in Virus Research*, **2011**, 81, 63-84	10.7	44
85	Mutations in the RNA-binding domains of tombusvirus replicase proteins affect RNA recombination in vivo. *Virology*, **2003**, 317, 359-72	3.6	42
84	Inactivation of the host lipin gene accelerates RNA virus replication through viral exploitation of the expanded endoplasmic reticulum membrane. *PLoS Pathogens*, **2014**, 10, e1003944	7.6	41
83	A host Ca2+/Mn2+ ion pump is a factor in the emergence of viral RNA recombinants. *Cell Host and Microbe*, **2010**, 7, 74-81	23.4	41
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81	Activation of Tomato Bushy Stunt Virus RNA-Dependent RNA Polymerase by Cellular Heat Shock Protein 70 Is Enhanced by Phospholipids In Vitro. *Journal of Virology*, **2015**, 89, 5714-23	6.6	40
80	The expanding functions of cellular helicases: the tombusvirus RNA replication enhancer co-opts the plant eIF4AIII-like AtRH2 and the DDX5-like AtRH5 DEAD-box RNA helicases to promote viral asymmetric RNA replication. *PLoS Pathogens*, **2014**, 10, e1004051	7.6	40
79	Similar roles for yeast Dbp2 and Arabidopsis RH20 DEAD-box RNA helicases to Ded1 helicase in tombusvirus plus-strand synthesis. *Virology*, **2012**, 432, 470-84	3.6	40
78	Defining the roles of cis-acting RNA elements in tombusvirus replicase assembly in vitro. *Journal of Virology*, **2012**, 86, 156-71	6.6	40

77	Inhibition of in vitro RNA binding and replicase activity by phosphorylation of the p33 replication protein of Cucumber necrosis tombusvirus. *Virology*, **2005**, 343, 79-92	3.6	40
76	Molecular studies of genetic RNA-RNA recombination in brome mosaic virus. *Advances in Virus Research*, **1994**, 43, 275-302	10.7	40
75	Proteome-wide overexpression of host proteins for identification of factors affecting tombusvirus RNA replication: an inhibitory role of protein kinase C. *Journal of Virology*, **2012**, 86, 9384-95	6.6	39
74	Yeast screens for host factors in positive-strand RNA virus replication based on a library of temperature-sensitive mutants. *Methods*, **2013**, 59, 207-16	4.6	37
73	Authentic in vitro replication of two tombusviruses in isolated mitochondrial and endoplasmic reticulum membranes. *Journal of Virology*, **2012**, 86, 12779-94	6.6	36
72	Recombination in Plant RNA Viruses **2008**, 133-156		36
71	Phosphorylation of the p33 replication protein of Cucumber necrosis tombusvirus adjacent to the RNA binding site affects viral RNA replication. *Virology*, **2005**, 343, 65-78	3.6	36
70	Salicylic Acid Inhibits the Replication of Tomato bushy stunt virus by Directly Targeting a Host Component in the Replication Complex. *Molecular Plant-Microbe Interactions*, **2015**, 28, 379-86	3.6	35
69	p33-Independent activation of a truncated p92 RNA-dependent RNA polymerase of Tomato bushy stunt virus in yeast cell-free extract. *Journal of Virology*, **2012**, 86, 12025-38	6.6	35
68	Host transcription factor Rpb11p affects tombusvirus replication and recombination via regulating the accumulation of viral replication proteins. *Virology*, **2007**, 368, 388-404	3.6	35
67	Heterologous RNA replication enhancer stimulates in vitro RNA synthesis and template-switching by the carmovirus, but not by the tombusvirus, RNA-dependent RNA polymerase: implication for modular evolution of RNA viruses. *Virology*, **2005**, 341, 107-21	3.6	34
66	CCA initiation boxes without unique promoter elements support in vitro transcription by three viral RNA-dependent RNA polymerases. *Rna*, **2000**, 6, 698-707	5.8	33
65	Mapping sequences active in homologous RNA recombination in brome mosaic virus: prediction of recombination hot spots. *Virology*, **1999**, 254, 92-104	3.6	32
64	Role of RNase MRP in viral RNA degradation and RNA recombination. *Journal of Virology*, **2011**, 85, 243-53	6.6	31
63	In vivo and in vitro characterization of an RNA replication enhancer in a satellite RNA associated with turnip crinkle virus. *Virology*, **2001**, 288, 315-24	3.6	30
62	Silencing homologous RNA recombination hot spots with GC-rich sequences in brome mosaic virus. *Journal of Virology*, **1998**, 72, 1122-30	6.6	30
61	Viral Replication Protein Inhibits Cellular Cofilin Actin Depolymerization Factor to Regulate the Actin Network and Promote Viral Replicase Assembly. *PLoS Pathogens*, **2016**, 12, e1005440	7.6	30
60	Nucleolin/Nsr1p binds to the 3Tnoncoding region of the tombusvirus RNA and inhibits replication. *Virology*, **2010**, 396, 10-20	3.6	29

59	Tombusviruses upregulate phospholipid biosynthesis via interaction between p33 replication protein and yeast lipid sensor proteins during virus replication in yeast. *Virology*, **2014**, 471-473, 72-80	3.6	28
58	The combined effect of environmental and host factors on the emergence of viral RNA recombinants. *PLoS Pathogens*, **2010**, 6, e1001156	7.6	28
57	Methylation of translation elongation factor 1A by the METTL10-like See1 methyltransferase facilitates tombusvirus replication in yeast and plants. *Virology*, **2014**, 448, 43-54	3.6	27
56	The Glycolytic Pyruvate Kinase Is Recruited Directly into the Viral Replicase Complex to Generate ATP for RNA Synthesis. *Cell Host and Microbe*, **2017**, 22, 639-652.e7	23.4	27
55	Cyclophilin A binds to the viral RNA and replication proteins, resulting in inhibition of tombusviral replicase assembly. *Journal of Virology*, **2013**, 87, 13330-42	6.6	27
54	Mechanism of stimulation of plus-strand synthesis by an RNA replication enhancer in a tombusvirus. *Journal of Virology*, **2005**, 79, 9777-85	6.6	27
53	Recruitment of Vps34 PI3K and enrichment of PI3P phosphoinositide in the viral replication compartment is crucial for replication of a positive-strand RNA virus. *PLoS Pathogens*, **2019**, 15, e1007530	7.6	27
52	Sterol Binding by the Tombusviral Replication Proteins Is Essential for Replication in Yeast and Plants. *Journal of Virology*, **2017**, 91,	6.6	26
51	Non-template functions of the viral RNA in plant RNA virus replication. *Current Opinion in Virology*, **2011**, 1, 332-8	7.5	26
50	The TPR domain in the host Cyp40-like cyclophilin binds to the viral replication protein and inhibits the assembly of the tombusviral replicase. *PLoS Pathogens*, **2012**, 8, e1002491	7.6	26
49	Assembly-hub function of ER-localized SNARE proteins in biogenesis of tombusvirus replication compartment. *PLoS Pathogens*, **2018**, 14, e1007028	7.6	26
48	Coordinated function of cellular DEAD-box helicases in suppression of viral RNA recombination and maintenance of viral genome integrity. *PLoS Pathogens*, **2015**, 11, e1004680	7.6	25
47	The role of co-opted ESCRT proteins and lipid factors in protection of tombusviral double-stranded RNA replication intermediate against reconstituted RNAi in yeast. *PLoS Pathogens*, **2017**, 13, e1006520	7.6	23
46	Making of viral replication organelles by remodeling interior membranes. *Viruses*, **2010**, 2, 2436-42	6.2	22
45	A high-throughput approach for studying virus replication in yeast. *Current Protocols in Microbiology* , **2010**, Chapter 16, Unit16J.1	7.1	22
44	An inhibitory function of WW domain-containing host proteins in RNA virus replication. *Virology*, **2012**, 426, 106-19	3.6	21
43	The hop-like stress-induced protein 1 cochaperone is a novel cell-intrinsic restriction factor for mitochondrial tombusvirus replication. *Journal of Virology*, **2014**, 88, 9361-78	6.6	20
42	Tombusvirus-yeast interactions identify conserved cell-intrinsic viral restriction factors. *Frontiers in Plant Science*, **2014**, 5, 383	6.2	19

41	Cellular Ubc2/Rad6 E2 ubiquitin-conjugating enzyme facilitates tombusvirus replication in yeast and plants. *Virology*, **2015**, 484, 265-275	3.6	17
40	Co-opting ATP-generating glycolytic enzyme PGK1 phosphoglycerate kinase facilitates the assembly of viral replicase complexes. *PLoS Pathogens*, **2017**, 13, e1006689	7.6	16
39	Taking over Cellular Energy-Metabolism for TBSV Replication: The High ATP Requirement of an RNA Virus within the Viral Replication Organelle. *Viruses*, **2020**, 12,	6.2	15
38	Screening effectors for antiviral effects reveals Rab1 GTPase as a proviral factor coopted for tombusvirus replication. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 21739-21747	11.5	15
37	Exploitation of a surrogate host, Saccharomyces cerevisiae, to identify cellular targets and develop novel antiviral approaches. *Current Opinion in Virology*, **2017**, 26, 132-140	7.5	15
36	Use of double-stranded RNA templates by the tombusvirus replicase in vitro: Implications for the mechanism of plus-strand initiation. *Virology*, **2006**, 352, 110-20	3.6	15
35	Genome-wide screens for identification of host factors in viral replication. *Methods in Molecular Biology*, **2008**, 451, 615-24	1.4	15
34	Cell-Free and Cell-Based Approaches to Explore the Roles of Host Membranes and Lipids in the Formation of Viral Replication Compartment Induced by Tombusviruses. *Viruses*, **2016**, 8, 68	6.2	15
33	Tombusvirus replication depends on Sec39p endoplasmic reticulum-associated transport protein. *Virology*, **2013**, 447, 21-31	3.6	14
32	The GEF1 proton-chloride exchanger affects tombusvirus replication via regulation of copper metabolism in yeast. *Journal of Virology*, **2013**, 87, 1800-10	6.6	14
31	Dissecting virus-plant interactions through proteomics approaches. *Current Proteomics*, **2010**, 7, 316-327	0.7	14
30	Viral sensing of the subcellular environment regulates the assembly of new viral replicase complexes during the course of infection. *Journal of Virology*, **2015**, 89, 5196-9	6.6	13
29	Co-opted Cellular Sac1 Lipid Phosphatase and PI(4)P Phosphoinositide Are Key Host Factors during the Biogenesis of the Tombusvirus Replication Compartment. *Journal of Virology*, **2020**, 94,	6.6	13
28	Tombusvirus RNA replication depends on the TOR pathway in yeast and plants. *Virology*, **2018**, 519, 207-222	3.6	13
27	The proteasomal Rpn11 metalloprotease suppresses tombusvirus RNA recombination and promotes viral replication via facilitating assembly of the viral replicase complex. *Journal of Virology*, **2015**, 89, 2750-63	6.6	13
26	Inhibition of RNA recruitment and replication of an RNA virus by acridine derivatives with known anti-prion activities. *PLoS ONE*, **2009**, 4, e7376	3.7	13
25	Screening a yeast library of temperature-sensitive mutants reveals a role for actin in tombusvirus RNA recombination. *Virology*, **2016**, 489, 233-42	3.6	12
24	Blocking tombusvirus replication through the antiviral functions of DDX17-like RH30 DEAD-box helicase. *PLoS Pathogens*, **2019**, 15, e1007771	7.6	11

23	Identification of novel host factors via conserved domain search: Cns1 cochaperone is a novel restriction factor of tombusvirus replication in yeast. *Journal of Virology*, **2013**, 87, 12600-10	6.6	11
22	Novel mechanism of regulation of tomato bushy stunt virus replication by cellular WW-domain proteins. *Journal of Virology*, **2015**, 89, 2064-79	6.6	11
21	Co-opting the fermentation pathway for tombusvirus replication: Compartmentalization of cellular metabolic pathways for rapid ATP generation. *PLoS Pathogens*, **2019**, 15, e1008092	7.6	10
20	Tombusviruses orchestrate the host endomembrane system to create elaborate membranous replication organelles. *Current Opinion in Virology*, **2021**, 48, 30-41	7.5	10
19	Characterization of dominant-negative and temperature-sensitive mutants of tombusvirus replication proteins affecting replicase assembly. *Virology*, **2013**, 437, 48-61	3.6	9
18	The retromer is co-opted to deliver lipid enzymes for the biogenesis of lipid-enriched tombusviral replication organelles. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	8
17	Reconstitution of an RNA Virus Replicase in Artificial Giant Unilamellar Vesicles Supports Full Replication and Provides Protection for the Double-Stranded RNA Replication Intermediate. *Journal of Virology*, **2020**, 94,	6.6	7
16	Repair of lost 5Tterminal sequences in tombusviruses: Rapid recovery of promoter- and enhancer-like sequences in recombinant RNAs. *Virology*, **2010**, 404, 96-105	3.6	7
15	Key interplay between the co-opted sorting nexin-BAR proteins and PI3P phosphoinositide in the formation of the tombusvirus replicase. *PLoS Pathogens*, **2020**, 16, e1009120	7.6	7
14	Host protein chaperones, RNA helicases and the ubiquitin network highlight the arms race for resources between tombusviruses and their hosts. *Advances in Virus Research*, **2020**, 107, 133-158	10.7	6
13	Surface plasmon resonance analysis of interactions between replicase proteins of tomato bushy stunt virus. *Methods in Molecular Biology*, **2008**, 451, 267-77	1.4	5
12	Dynamic interplay between the co-opted Fis1 mitochondrial fission protein and membrane contact site proteins in supporting tombusvirus replication. *PLoS Pathogens*, **2021**, 17, e1009423	7.6	5
11	Identification of small molecule inhibitors of Tomato bushy stunt virus replication. *Methods in Molecular Biology*, **2012**, 894, 345-57	1.4	2
10	A novel viral strategy for host factor recruitment: The co-opted proteasomal Rpn11 protein interaction hub in cooperation with subverted actin filaments are targeted to deliver cytosolic host factors for viral replication. *PLoS Pathogens*, **2021**, 17, e1009680	7.6	2
9	Co-opting of nonATP-generating glycolytic enzymes for TBSV replication. *Virology*, **2021**, 559, 15-29	3.6	2
8	Tombusviruses Target a Major Crossroad in the Endocytic and Recycling Pathways via Co-opting Rab7 Small GTPase. *Journal of Virology*, **2021**, 95, e0107621	6.6	2
7	Expression of dominant-negative mutants to study host factors affecting plant virus infections. *Methods in Molecular Biology*, **2012**, 894, 359-76	1.4	1
6	Host Factors Promoting Viral RNA Replication **2009**, 267-295		1

5	Role reversal of functional identity in host factors: Dissecting features affecting pro-viral versus antiviral functions of cellular DEAD-box helicases in tombusvirus replication. *PLoS Pathogens*, **2020**, 16, e1008990	7.6	1
4	Exploration of Plant Virus Replication Inside a Surrogate Host, Saccharomyces cerevisiae, Elucidates Complex and Conserved Mechanisms **2016**, 35-65		1
3	Interviral Recombination between Plant, Insect, and Fungal RNA Viruses: Role of the Intracellular Ca/Mn Pump. *Journal of Virology*, **2019**, 94,	6.6	1
2	Key tethering function of Atg11 autophagy scaffold protein in formation of virus-induced membrane contact sites during tombusvirus replication.. *Virology*, **2022**, 572, 1-16	3.6	0
1	Targeting conserved co-opted host factors to block virus replication: Using allosteric inhibitors of the cytosolic Hsp70s to interfere with tomato bushy stunt virus replication. *Virology*, **2021**, 563, 1-19	3.6	