

# Peter D Nagy

## List of Publications by Year in Descending Order

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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	Key tethering function of Atg11 autophagy scaffold protein in formation of virus-induced membrane contact sites during tombusvirus replication.. <i>Virology</i> , <b>2022</b> , 572, 1-16	3.6	0
147	The retromer is co-opted to deliver lipid enzymes for the biogenesis of lipid-enriched tombusviral replication organelles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
146	Dynamic interplay between the co-opted Fis1 mitochondrial fission protein and membrane contact site proteins in supporting tombusvirus replication. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009423	7.6	5
145	Tombusviruses orchestrate the host endomembrane system to create elaborate membranous replication organelles. <i>Current Opinion in Virology</i> , <b>2021</b> , 48, 30-41	7.5	10
144	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. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009680	7.6	2
143	Co-opting of nonATP-generating glycolytic enzymes for TBSV replication. <i>Virology</i> , <b>2021</b> , 559, 15-29	3.6	2
142	Tombusviruses Target a Major Crossroad in the Endocytic and Recycling Pathways via Co-opting Rab7 Small GTPase. <i>Journal of Virology</i> , <b>2021</b> , 95, e0107621	6.6	2
141	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. <i>Virology</i> , <b>2021</b> , 563, 1-19	3.6	
140	Reconstitution of an RNA Virus Replicase in Artificial Giant Unilamellar Vesicles Supports Full Replication and Provides Protection for the Double-Stranded RNA Replication Intermediate. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	7
139	Taking over Cellular Energy-Metabolism for TBSV Replication: The High ATP Requirement of an RNA Virus within the Viral Replication Organelle. <i>Viruses</i> , <b>2020</b> , 12,	6.2	15
138	Co-opted Cellular Sac1 Lipid Phosphatase and PI(4)P Phosphoinositide Are Key Host Factors during the Biogenesis of the Tombusvirus Replication Compartment. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	13
137	Role reversal of functional identity in host factors: Dissecting features affecting pro-viral versus antiviral functions of cellular DEAD-box helicases in tombusvirus replication. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008990	7.6	1
136	Key interplay between the co-opted sorting nexin-BAR proteins and PI3P phosphoinositide in the formation of the tombusvirus replicase. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1009120	7.6	7
135	Host protein chaperones, RNA helicases and the ubiquitin network highlight the arms race for resources between tombusviruses and their hosts. <i>Advances in Virus Research</i> , <b>2020</b> , 107, 133-158	10.7	6
134	Blocking tombusvirus replication through the antiviral functions of DDX17-like RH30 DEAD-box helicase. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007771	7.6	11
133	Screening effectors for antiviral effects reveals Rab1 GTPase as a proviral factor coopted for tombusvirus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 21739-21747	11.5	15
132	Co-opting the fermentation pathway for tombusvirus replication: Compartmentalization of cellular metabolic pathways for rapid ATP generation. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1008092	7.6	10

131	Interviral Recombination between Plant, Insect, and Fungal RNA Viruses: Role of the Intracellular Ca/Mn Pump. <i>Journal of Virology</i> , <b>2019</b> , 94,	6.6	1
130	Recruitment of Vps34 PI3K and enrichment of PI3P phosphoinositide in the viral replication compartment is crucial for replication of a positive-strand RNA virus. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007530	7.6	27
129	Tombusvirus RNA replication depends on the TOR pathway in yeast and plants. <i>Virology</i> , <b>2018</b> , 519, 207-222	7.2	13
128	Assembly-hub function of ER-localized SNARE proteins in biogenesis of tombusvirus replication compartment. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007028	7.6	26
127	Sterol Binding by the Tombusviral Replication Proteins Is Essential for Replication in Yeast and Plants. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	26
126	Exploitation of a surrogate host, <i>Saccharomyces cerevisiae</i> , to identify cellular targets and develop novel antiviral approaches. <i>Current Opinion in Virology</i> , <b>2017</b> , 26, 132-140	7.5	15
125	The Glycolytic Pyruvate Kinase Is Recruited Directly into the Viral Replicase Complex to Generate ATP for RNA Synthesis. <i>Cell Host and Microbe</i> , <b>2017</b> , 22, 639-652.e7	23.4	27
124	The role of co-opted ESCRT proteins and lipid factors in protection of tombusviral double-stranded RNA replication intermediate against reconstituted RNAi in yeast. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006520	7.6	23
123	Co-opting ATP-generating glycolytic enzyme PGK1 phosphoglycerate kinase facilitates the assembly of viral replicase complexes. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006689	7.6	16
122	Three-dimensional imaging of the intracellular assembly of a functional viral RNA replicase complex. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 260-268	5.3	52
121	Screening a yeast library of temperature-sensitive mutants reveals a role for actin in tombusvirus RNA recombination. <i>Virology</i> , <b>2016</b> , 489, 233-42	3.6	12
120	Role of Viral RNA and Co-opted Cellular ESCRT-I and ESCRT-III Factors in Formation of Tombusvirus Spherules Harboring the Tombusvirus Replicase. <i>Journal of Virology</i> , <b>2016</b> , 90, 3611-26	6.6	40
119	Viral Replication Protein Inhibits Cellular Cofilin Actin Depolymerization Factor to Regulate the Actin Network and Promote Viral Replicase Assembly. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005440	7.6	30
118	Exploration of Plant Virus Replication Inside a Surrogate Host, <i>Saccharomyces cerevisiae</i> , Elucidates Complex and Conserved Mechanisms <b>2016</b> , 35-65		1
117	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. <i>Viruses</i> , <b>2016</b> , 8, 68	6.2	15
116	Enrichment of Phosphatidylethanolamine in Viral Replication Compartments via Co-opting the Endosomal Rab5 Small GTPase by a Positive-Strand RNA Virus. <i>PLoS Biology</i> , <b>2016</b> , 14, e2000128	9.7	52
115	Building Viral Replication Organelles: Close Encounters of the Membrane Types. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005912	7.6	71
114	Tombusvirus-Host Interactions: Co-Opted Evolutionarily Conserved Host Factors Take Center Court. <i>Annual Review of Virology</i> , <b>2016</b> , 3, 491-515	14.6	73

113	Viral sensing of the subcellular environment regulates the assembly of new viral replicase complexes during the course of infection. <i>Journal of Virology</i> , <b>2015</b> , 89, 5196-9	6.6	13
112	Cellular Ubc2/Rad6 E2 ubiquitin-conjugating enzyme facilitates tombusvirus replication in yeast and plants. <i>Virology</i> , <b>2015</b> , 484, 265-275	3.6	17
111	Coordinated function of cellular DEAD-box helicases in suppression of viral RNA recombination and maintenance of viral genome integrity. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004680	7.6	25
110	RNA virus replication depends on enrichment of phosphatidylethanolamine at replication sites in subcellular membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1782-91	11.5	81
109	Activation of Tomato Bushy Stunt Virus RNA-Dependent RNA Polymerase by Cellular Heat Shock Protein 70 Is Enhanced by Phospholipids In Vitro. <i>Journal of Virology</i> , <b>2015</b> , 89, 5714-23	6.6	40
108	The proteasomal Rpn11 metalloprotease suppresses tombusvirus RNA recombination and promotes viral replication via facilitating assembly of the viral replicase complex. <i>Journal of Virology</i> , <b>2015</b> , 89, 2750-63	6.6	13
107	Novel mechanism of regulation of tomato bushy stunt virus replication by cellular WW-domain proteins. <i>Journal of Virology</i> , <b>2015</b> , 89, 2064-79	6.6	11
106	Salicylic Acid Inhibits the Replication of Tomato bushy stunt virus by Directly Targeting a Host Component in the Replication Complex. <i>Molecular Plant-Microbe Interactions</i> , <b>2015</b> , 28, 379-86	3.6	35
105	Methylation of translation elongation factor 1A by the METTL10-like See1 methyltransferase facilitates tombusvirus replication in yeast and plants. <i>Virology</i> , <b>2014</b> , 448, 43-54	3.6	27
104	Tombusviruses upregulate phospholipid biosynthesis via interaction between p33 replication protein and yeast lipid sensor proteins during virus replication in yeast. <i>Virology</i> , <b>2014</b> , 471-473, 72-80	3.6	28
103	Expanding use of multi-origin subcellular membranes by positive-strand RNA viruses during replication. <i>Current Opinion in Virology</i> , <b>2014</b> , 9, 119-26	7.5	47
102	The hop-like stress-induced protein 1 cochaperone is a novel cell-intrinsic restriction factor for mitochondrial tombusvirus replication. <i>Journal of Virology</i> , <b>2014</b> , 88, 9361-78	6.6	20
101	How yeast can be used as a genetic platform to explore virus-host interactions: fromomicsTo functional studies. <i>Trends in Microbiology</i> , <b>2014</b> , 22, 309-16	12.4	44
100	Template role of double-stranded RNA in tombusvirus replication. <i>Journal of Virology</i> , <b>2014</b> , 88, 5638-516.6		46
99	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. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004051	7.6	40
98	Co-opted oxysterol-binding ORP and VAP proteins channel sterols to RNA virus replication sites via membrane contact sites. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004388	7.6	84
97	Inactivation of the host lipin gene accelerates RNA virus replication through viral exploitation of the expanded endoplasmic reticulum membrane. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003944	7.6	41
96	Noncanonical role for the host Vps4 AAA+ ATPase ESCRT protein in the formation of Tomato bushy stunt virus replicase. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004087	7.6	83

95	Tombusvirus-yeast interactions identify conserved cell-intrinsic viral restriction factors. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 383	6.2	19
94	Tombusvirus replication depends on Sec39p endoplasmic reticulum-associated transport protein. <i>Virology</i> , <b>2013</b> , 447, 21-31	3.6	14
93	Identification of novel host factors via conserved domain search: Cns1 cochaperone is a novel restriction factor of tombusvirus replication in yeast. <i>Journal of Virology</i> , <b>2013</b> , 87, 12600-10	6.6	11
92	Characterization of dominant-negative and temperature-sensitive mutants of tombusvirus replication proteins affecting replicase assembly. <i>Virology</i> , <b>2013</b> , 437, 48-61	3.6	9
91	Yeast screens for host factors in positive-strand RNA virus replication based on a library of temperature-sensitive mutants. <i>Methods</i> , <b>2013</b> , 59, 207-16	4.6	37
90	Cyclophilin A binds to the viral RNA and replication proteins, resulting in inhibition of tombusviral replicase assembly. <i>Journal of Virology</i> , <b>2013</b> , 87, 13330-42	6.6	27
89	The GEF1 proton-chloride exchanger affects tombusvirus replication via regulation of copper metabolism in yeast. <i>Journal of Virology</i> , <b>2013</b> , 87, 1800-10	6.6	14
88	An inhibitory function of WW domain-containing host proteins in RNA virus replication. <i>Virology</i> , <b>2012</b> , 426, 106-19	3.6	21
87	Host factors with regulatory roles in tombusvirus replication. <i>Current Opinion in Virology</i> , <b>2012</b> , 2, 691-8	7.5	51
86	Similar roles for yeast Dbp2 and Arabidopsis RH20 DEAD-box RNA helicases to Ded1 helicase in tombusvirus plus-strand synthesis. <i>Virology</i> , <b>2012</b> , 432, 470-84	3.6	40
85	Identification of small molecule inhibitors of Tomato bushy stunt virus replication. <i>Methods in Molecular Biology</i> , <b>2012</b> , 894, 345-57	1.4	2
84	Expression of dominant-negative mutants to study host factors affecting plant virus infections. <i>Methods in Molecular Biology</i> , <b>2012</b> , 894, 359-76	1.4	1
83	The TPR domain in the host Cyp40-like cyclophilin binds to the viral replication protein and inhibits the assembly of the tombusviral replicase. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002491	7.6	26
82	A Co-Opted DEAD-Box RNA helicase enhances tombusvirus plus-strand synthesis. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002537	7.6	71
81	p33-Independent activation of a truncated p92 RNA-dependent RNA polymerase of Tomato bushy stunt virus in yeast cell-free extract. <i>Journal of Virology</i> , <b>2012</b> , 86, 12025-38	6.6	35
80	Defining the roles of cis-acting RNA elements in tombusvirus replicase assembly in vitro. <i>Journal of Virology</i> , <b>2012</b> , 86, 156-71	6.6	40
79	Proteome-wide overexpression of host proteins for identification of factors affecting tombusvirus RNA replication: an inhibitory role of protein kinase C. <i>Journal of Virology</i> , <b>2012</b> , 86, 9384-95	6.6	39
78	Authentic in vitro replication of two tombusviruses in isolated mitochondrial and endoplasmic reticulum membranes. <i>Journal of Virology</i> , <b>2012</b> , 86, 12779-94	6.6	36

77	The dependence of viral RNA replication on co-opted host factors. <i>Nature Reviews Microbiology</i> , <b>2011</b> , 10, 137-49	22.2	302
76	Non-template functions of the viral RNA in plant RNA virus replication. <i>Current Opinion in Virology</i> , <b>2011</b> , 1, 332-8	7.5	26
75	RNA chaperone activity of the tombusviral p33 replication protein facilitates initiation of RNA synthesis by the viral RdRp in vitro. <i>Virology</i> , <b>2011</b> , 409, 338-47	3.6	63
74	Inhibition of phospholipid biosynthesis decreases the activity of the tombusvirus replicase and alters the subcellular localization of replication proteins. <i>Virology</i> , <b>2011</b> , 415, 141-52	3.6	57
73	The roles of host factors in tombusvirus RNA recombination. <i>Advances in Virus Research</i> , <b>2011</b> , 81, 63-84	10.7	44
72	Diverse roles of host RNA binding proteins in RNA virus replication. <i>RNA Biology</i> , <b>2011</b> , 8, 305-15	4.8	101
71	Role of RNase MRP in viral RNA degradation and RNA recombination. <i>Journal of Virology</i> , <b>2011</b> , 85, 243-53	5.6	31
70	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. <i>Journal of Virology</i> , <b>2011</b> , 85, 9090-102	6.6	56
69	Synergistic roles of eukaryotic translation elongation factors 1B and 1A in stimulation of tombusvirus minus-strand synthesis. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002438	7.6	61
68	Inhibition of sterol biosynthesis reduces tombusvirus replication in yeast and plants. <i>Journal of Virology</i> , <b>2010</b> , 84, 2270-81	6.6	75
67	Translation elongation factor 1A facilitates the assembly of the tombusvirus replicase and stimulates minus-strand synthesis. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1001175	7.6	99
66	Making of viral replication organelles by remodeling interior membranes. <i>Viruses</i> , <b>2010</b> , 2, 2436-42	6.2	22
65	The combined effect of environmental and host factors on the emergence of viral RNA recombinants. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1001156	7.6	28
64	A host Ca <sup>2+</sup> /Mn <sup>2+</sup> ion pump is a factor in the emergence of viral RNA recombinants. <i>Cell Host and Microbe</i> , <b>2010</b> , 7, 74-81	23.4	41
63	Global genomics and proteomics approaches to identify host factors as targets to induce resistance against Tomato bushy stunt virus. <i>Advances in Virus Research</i> , <b>2010</b> , 76, 123-77	10.7	82
62	Dissecting virus-plant interactions through proteomics approaches. <i>Current Proteomics</i> , <b>2010</b> , 7, 316-327	7.7	14
61	Nucleolin/Nsr1p binds to the 3' noncoding region of the tombusvirus RNA and inhibits replication. <i>Virology</i> , <b>2010</b> , 396, 10-20	3.6	29
60	Ubiquitination of tombusvirus p33 replication protein plays a role in virus replication and binding to the host Vps23p ESCRT protein. <i>Virology</i> , <b>2010</b> , 397, 358-68	3.6	72

59	Repair of lost 5'Terminal sequences in tombusviruses: Rapid recovery of promoter- and enhancer-like sequences in recombinant RNAs. <i>Virology</i> , <b>2010</b> , 404, 96-105	3.6	7
58	Cpr1 cyclophilin and Ess1 parvulin prolyl isomerases interact with the tombusvirus replication protein and inhibit viral replication in yeast model host. <i>Virology</i> , <b>2010</b> , 406, 342-51	3.6	56
57	A high-throughput approach for studying virus replication in yeast. <i>Current Protocols in Microbiology</i> , <b>2010</b> , Chapter 16, Unit16J.1	7.1	22
56	Inhibition of RNA recruitment and replication of an RNA virus by acridine derivatives with known anti-prion activities. <i>PLoS ONE</i> , <b>2009</b> , 4, e7376	3.7	13
55	A key role for heat shock protein 70 in the localization and insertion of tombusvirus replication proteins to intracellular membranes. <i>Journal of Virology</i> , <b>2009</b> , 83, 3276-87	6.6	119
54	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. <i>Journal of Virology</i> , <b>2009</b> , 83, 11751-64	6.6	61
53	A discontinuous RNA platform mediates RNA virus replication: building an integrated model for RNA-based regulation of viral processes. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000323	7.6	55
52	A unique role for the host ESCRT proteins in replication of Tomato bushy stunt virus. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000705	7.6	157
51	Translation elongation factor 1A is a component of the tombusvirus replicase complex and affects the stability of the p33 replication co-factor. <i>Virology</i> , <b>2009</b> , 385, 245-60	3.6	114
50	Silencing of <i>Nicotiana benthamiana</i> Xrn4p exoribonuclease promotes tombusvirus RNA accumulation and recombination. <i>Virology</i> , <b>2009</b> , 386, 344-52	3.6	62
49	A temperature sensitive mutant of heat shock protein 70 reveals an essential role during the early steps of tombusvirus replication. <i>Virology</i> , <b>2009</b> , 394, 28-38	3.6	58
48	Host Factors Promoting Viral RNA Replication <b>2009</b> , 267-295		1
47	Defective Interfering RNAs: Foes of Viruses and Friends of Virologists. <i>Viruses</i> , <b>2009</b> , 1, 895-919	6.2	79
46	The host Pex19p plays a role in peroxisomal localization of tombusvirus replication proteins. <i>Virology</i> , <b>2008</b> , 379, 294-305	3.6	87
45	Recombination in Plant RNA Viruses <b>2008</b> , 133-156		36
44	Yeast as a model host to explore plant virus-host interactions. <i>Annual Review of Phytopathology</i> , <b>2008</b> , 46, 217-42	10.8	134
43	Tomato bushy stunt virus co-opts the RNA-binding function of a host metabolic enzyme for viral genomic RNA synthesis. <i>Cell Host and Microbe</i> , <b>2008</b> , 3, 178-87	23.4	140
42	Cdc34p ubiquitin-conjugating enzyme is a component of the tombusvirus replicase complex and ubiquitinates p33 replication protein. <i>Journal of Virology</i> , <b>2008</b> , 82, 6911-26	6.6	117

41	Authentic replication and recombination of Tomato bushy stunt virus RNA in a cell-free extract from yeast. <i>Journal of Virology</i> , <b>2008</b> , 82, 5967-80	6.6	84
40	In vitro assembly of the Tomato bushy stunt virus replicase requires the host Heat shock protein 70. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 19956-61	11.5	152
39	Surface plasmon resonance analysis of interactions between replicase proteins of tomato bushy stunt virus. <i>Methods in Molecular Biology</i> , <b>2008</b> , 451, 267-77	1.4	5
38	Multiple roles of viral replication proteins in plant RNA virus replication. <i>Methods in Molecular Biology</i> , <b>2008</b> , 451, 55-68	1.4	48
37	Genome-wide screens for identification of host factors in viral replication. <i>Methods in Molecular Biology</i> , <b>2008</b> , 451, 615-24	1.4	15
36	Exploiting alternative subcellular location for replication: tombusvirus replication switches to the endoplasmic reticulum in the absence of peroxisomes. <i>Virology</i> , <b>2007</b> , 362, 320-30	3.6	99
35	Expression of the Arabidopsis Xrn4p 5'3' exonuclease facilitates degradation of tombusvirus RNA and promotes rapid emergence of viral variants in plants. <i>Virology</i> , <b>2007</b> , 368, 238-48	3.6	54
34	Host transcription factor Rpb11p affects tombusvirus replication and recombination via regulating the accumulation of viral replication proteins. <i>Virology</i> , <b>2007</b> , 368, 388-404	3.6	35
33	Yeast as a model host to dissect functions of viral and host factors in tombusvirus replication. <i>Virology</i> , <b>2006</b> , 344, 211-20	3.6	95
32	Kinetics and functional studies on interaction between the replicase proteins of Tomato Bushy Stunt Virus: requirement of p33:p92 interaction for replicase assembly. <i>Virology</i> , <b>2006</b> , 345, 270-9	3.6	47
31	Use of double-stranded RNA templates by the tombusvirus replicase in vitro: Implications for the mechanism of plus-strand initiation. <i>Virology</i> , <b>2006</b> , 352, 110-20	3.6	15
30	Proteomics analysis of the tombusvirus replicase: Hsp70 molecular chaperone is associated with the replicase and enhances viral RNA replication. <i>Journal of Virology</i> , <b>2006</b> , 80, 2162-9	6.6	166
29	Suppression of viral RNA recombination by a host exonuclease. <i>Journal of Virology</i> , <b>2006</b> , 80, 2631-40	6.6	66
28	Identification of essential host factors affecting tombusvirus RNA replication based on the yeast Tet promoters Hughes Collection. <i>Journal of Virology</i> , <b>2006</b> , 80, 7394-404	6.6	111
27	Screening of the yeast yTHC collection identifies essential host factors affecting tombusvirus RNA recombination. <i>Journal of Virology</i> , <b>2006</b> , 80, 1231-41	6.6	89
26	The role of the p33:p33/p92 interaction domain in RNA replication and intracellular localization of p33 and p92 proteins of Cucumber necrosis tombusvirus. <i>Virology</i> , <b>2005</b> , 338, 81-95	3.6	155
25	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. <i>Virology</i> , <b>2005</b> , 341, 107-21	3.6	34
24	Inhibition of in vitro RNA binding and replicase activity by phosphorylation of the p33 replication protein of Cucumber necrosis tombusvirus. <i>Virology</i> , <b>2005</b> , 343, 79-92	3.6	40



23	Phosphorylation of the p33 replication protein of Cucumber necrosis tomosvirus adjacent to the RNA binding site affects viral RNA replication. <i>Virology</i> , <b>2005</b> , 343, 65-78	3.6	36
22	Specific binding of tomosvirus replication protein p33 to an internal replication element in the viral RNA is essential for replication. <i>Journal of Virology</i> , <b>2005</b> , 79, 4859-69	6.6	162
21	Role of an internal and two 3' terminal RNA elements in assembly of tomosvirus replicase. <i>Journal of Virology</i> , <b>2005</b> , 79, 10608-18	6.6	108
20	Genome-wide screen identifies host genes affecting viral RNA recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 10545-50	11.5	117
19	The p92 polymerase coding region contains an internal RNA element required at an early step in Tomosvirus genome replication. <i>Journal of Virology</i> , <b>2005</b> , 79, 4848-58	6.6	88
18	Mechanism of stimulation of plus-strand synthesis by an RNA replication enhancer in a tomosvirus. <i>Journal of Virology</i> , <b>2005</b> , 79, 9777-85	6.6	27
17	Yeast genome-wide screen reveals dissimilar sets of host genes affecting replication of RNA viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 7326-31	11.5	185
16	Purification of the cucumber necrosis virus replicase from yeast cells: role of coexpressed viral RNA in stimulation of replicase activity. <i>Journal of Virology</i> , <b>2004</b> , 78, 8254-63	6.6	120
15	The AU-rich RNA recombination hot spot sequence of Brome mosaic virus is functional in tomosviruses: implications for the mechanism of RNA recombination. <i>Journal of Virology</i> , <b>2004</b> , 78, 2288-300	6.6	64
14	Interaction between the replicase proteins of Tomato bushy stunt virus in vitro and in vivo. <i>Virology</i> , <b>2004</b> , 326, 250-61	3.6	46
13	Advances in the molecular biology of tomosviruses: gene expression, genome replication, and recombination. <i>Progress in Molecular Biology and Translational Science</i> , <b>2004</b> , 78, 187-226		182
12	Mechanism of RNA recombination in carmo- and tomosviruses: evidence for template switching by the RNA-dependent RNA polymerase in vitro. <i>Journal of Virology</i> , <b>2003</b> , 77, 12033-47	6.6	88
11	A replication silencer element in a plus-strand RNA virus. <i>EMBO Journal</i> , <b>2003</b> , 22, 5602-11	13	105
10	Mutations in the RNA-binding domains of tomosvirus replicase proteins affect RNA recombination in vivo. <i>Virology</i> , <b>2003</b> , 317, 359-72	3.6	42
9	The overlapping RNA-binding domains of p33 and p92 replicase proteins are essential for tomosvirus replication. <i>Virology</i> , <b>2003</b> , 308, 191-205	3.6	72
8	Yeast as a model host to study replication and recombination of defective interfering RNA of Tomato bushy stunt virus. <i>Virology</i> , <b>2003</b> , 314, 315-25	3.6	153
7	Characterization of the RNA-binding domains in the replicase proteins of tomato bushy stunt virus. <i>Journal of Virology</i> , <b>2003</b> , 77, 9244-58	6.6	104
6	In vivo and in vitro characterization of an RNA replication enhancer in a satellite RNA associated with turnip crinkle virus. <i>Virology</i> , <b>2001</b> , 288, 315-24	3.6	30

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4	Mapping sequences active in homologous RNA recombination in brome mosaic virus: prediction of recombination hot spots. <i>Virology</i> , <b>1999</b> , 254, 92-104	3.6	32
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1	Molecular studies of genetic RNA-RNA recombination in brome mosaic virus. <i>Advances in Virus Research</i> , <b>1994</b> , 43, 275-302	10.7	40