James C Carrington

List of Publications by Year
in descending order

154 papers	47,511 citations	2203 99 h-index	6979 154 g-index
161 all docs	161 docs citations	161 times ranked	27001 citing authors

#	Article	IF	Citations
1	Simultaneous <scp>CRISPR</scp>/Cas9â€mediated editing of cassava <i><scp>eIF</scp>4E</i> isoforms <i><scp>nCBP</scp>â€1</i> and <i><scp>nCBP</scp>â€2</i> reduces cassava brown streak disease symptom severity and incidence. Plant Biotechnology Journal, 2019, 17, 421-434.	4.1	256
2	Hiding in plain sight: New virus genomes discovered via a systematic analysis of fungal public transcriptomes. PLoS ONE, 2019, 14, e0219207.	1.1	141
3	Sequence and Expression Differences Underlie Functional Specialization of Arabidopsis MicroRNAs miR159 and miR319. Developmental Cell, 2019, 51, 129.	3.1	5
4	Antiviral ARGONAUTEs Against <i>Turnip Crinkle Virus</i> Revealed by Image-Based Trait Analysis. Plant Physiology, 2019, 180, 1418-1435.	2.3	22
5	Functional dissection of the <i><scp>ARGONAUTE</scp>7</i> promoter. Plant Direct, 2019, 3, e00102.	0.8	4
6	Raspberry Piâ€"powered imaging for plant phenotyping. Applications in Plant Sciences, 2018, 6, e1031.	0.8	68
7	Differential response of cassava genotypes to infection by cassava mosaic geminiviruses. Virus Research, 2017, 227, 69-81.	1.1	26
8	P-SAMS: a web site for plant artificial microRNA and synthetic <i>trans</i>-acting small interfering RNA design. Bioinformatics, 2016, 32, 157-158.	1.8	67
9	Small RNA-Based Antiviral Defense in the Phytopathogenic Fungus Colletotrichum higginsianum. PLoS Pathogens, 2016, 12, e1005640.	2.1	112
10	Loss of CMD2â€mediated resistance to cassava mosaic disease in plants regenerated through somatic embryogenesis. Molecular Plant Pathology, 2016, 17, 1095-1110.	2.0	48
11	Fast-forward generation of effective artificial small RNAs for enhanced antiviral defense in plants. RNA & Disease (Houston, Tex), 2016, 3, .	1.0	8
12	A Versatile Phenotyping System and Analytics Platform Reveals Diverse Temporal Responses to Water Availability in Setaria. Molecular Plant, 2015, 8, 1520-1535.	3.9	202
13	Antiviral roles of plant ARGONAUTES. Current Opinion in Plant Biology, 2015, 27, 111-117.	3.5	270
14	Roles and Programming of Arabidopsis ARGONAUTE Proteins during Turnip Mosaic Virus Infection. PLoS Pathogens, 2015, 11, e1004755.	2.1	175
15	Highly specific gene silencing in a monocot species by artificial micro<scp>RNA</scp>s derived from chimeric <i>mi<scp>RNA</scp></i> precursors. Plant Journal, 2015, 82, 1061-1075.	2.8	45
16	CG gene body DNA methylation changes and evolution of duplicated genes in cassava. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13729-13734.	3.3	129
17	ARGONAUTE PIWI domain and microRNA duplex structure regulate small RNA sorting in Arabidopsis. Nature Communications, 2014, 5, 5468.	5.8	69
18	New Generation of Artificial MicroRNA and Synthetic Trans-Acting Small Interfering RNA Vectors for Efficient Gene Silencing in Arabidopsis. Plant Physiology, 2014, 165, 15-29.	2.3	119

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19	Specific Argonautes Selectively Bind Small RNAs Derived from Potato Spindle Tuber Viroid and Attenuate Viroid Accumulation <i>In Vivo</i>. Journal of Virology, 2014, 88, 11933-11945.	1.5	97
20	Preparation of Multiplexed Small RNA Libraries from Plants. Bio-protocol, 2014, 4, .	0.2	7
21	Parallel analysis of RNA ends enhances global investigation of microRNAs and target RNAs of Brachypodium distachyon. Genome Biology, 2013, 14, R145.	13.9	67
22	Phytophthora Have Distinct Endogenous Small RNA Populations That Include Short Interfering and microRNAs. PLoS ONE, 2013, 8, e77181.	1.1	88
23	Virus-Derived Gene Expression and RNA Interference Vector for Grapevine. Journal of Virology, 2012, 86, 6002-6009.	1.5	78
24	Functional Analysis of Three <i>Arabidopsis</i> ARGONAUTES Using Slicer-Defective Mutants Â. Plant Cell, 2012, 24, 3613-3629.	3.1	249
25	The Caenorhabditis elegans RDE-10/RDE-11 Complex Regulates RNAi by Promoting Secondary siRNA Amplification. Current Biology, 2012, 22, 881-890.	1.8	49
26	GENE-Counter: A Computational Pipeline for the Analysis of RNA-Seq Data for Gene Expression Differences. PLoS ONE, 2011, 6, e25279.	1.1	66
27	The Arabidopsis lyrata genome sequence and the basis of rapid genome size change. Nature Genetics, 2011, 43, 476-481.	9.4	814
28	Evolution and Functional Diversification of <i>MIRNA</i> Genes. Plant Cell, 2011, 23, 431-442.	3.1	645
29	<i>mut-16</i> and other <i>mutator</i> class genes modulate 22G and 26G siRNA pathways in <i>Caenorhabditis elegans</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1201-1208.	3.3	128
30	Identification of genes required for de novo DNA methylation in Arabidopsis. Epigenetics, 2011, 6, 344-354.	1.3	64
31	The ERI-6/7 Helicase Acts at the First Stage of an siRNA Amplification Pathway That Targets Recent Gene Duplications. PLoS Genetics, 2011, 7, e1002369.	1.5	74
32	Unique functionality of 22-nt miRNAs in triggering RDR6-dependent siRNA biogenesis from target transcripts in Arabidopsis. Nature Structural and Molecular Biology, 2010, 17, 997-1003.	3.6	448
33	Genome sequencing and analysis of the model grass Brachypodium distachyon. Nature, 2010, 463, 763-768.	13.7	1,685
34	Transcription Factors in Light and Circadian Clock Signaling Networks Revealed by Genomewide Mapping of Direct Targets for Neurospora White Collar Complex. Eukaryotic Cell, 2010, 9, 1549-1556.	3.4	187
35	An International Bioinformatics Infrastructure to Underpin the <i>Arabidopsis</i> Community. Plant Cell, 2010, 22, 2530-2536.	3.1	23
36	Genetic framework for flowering-time regulation by ambient temperature-responsive miRNAs in Arabidopsis. Nucleic Acids Research, 2010, 38, 3081-3093.	6.5	213

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37	<i>RTM3</i>, Which Controls Long-Distance Movement of Potyviruses, Is a Member of a New Plant Gene Family Encoding a Meprin and TRAF Homology Domain-Containing Protein. Plant Physiology, 2010, 154, 222-232.	2.3	91
38	MicroRNA Gene Evolution in <i>Arabidopsis lyrata</i> and <i>Arabidopsis thaliana</i> Â Â. Plant Cell, 2010, 22, 1074-1089.	3.1	234
39	<i>Arabidopsis</i> RNA-Dependent RNA Polymerases and Dicer-Like Proteins in Antiviral Defense and Small Interfering RNA Biogenesis during <i>Turnip Mosaic Virus</i> Infection Â. Plant Cell, 2010, 22, 481-496.	3.1	454
40	Identification of <i>MIR390a</i> precursor processing-defective mutants in Arabidopsis by direct genome sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 466-471.	3.3	137
41	Formation of Complexes at Plasmodesmata for Potyvirus Intercellular Movement Is Mediated by the Viral Protein P3N-PIPO. PLoS Pathogens, 2010, 6, e1000962.	2.1	264
42	Climate Change and the Integrity of Science. Science, 2010, 328, 689-690.	6.0	143
43	Small RNA Duplexes Function as Mobile Silencing Signals Between Plant Cells. Science, 2010, 328, 912-916.	6.0	323
44	miRNA Target Prediction in Plants. Methods in Molecular Biology, 2010, 592, 51-57.	0.4	246
45	Small RNAs serve as a genetic buffer against genomic shock in <i>Arabidopsis</i> interspecific hybrids and allopolyploids. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17835-17840.	3.3	320
46	Pattern formation via small RNA mobility. Genes and Development, 2009, 23, 549-554.	2.7	358
47	Computational and analytical framework for small RNA profiling by high-throughput sequencing. Rna, 2009, 15, 992-1002.	1.6	112
48	Regulation and functional specialization of small RNAâ€“target nodes during plant development. Current Opinion in Plant Biology, 2009, 12, 622-627.	3.5	111
49	Genome-wide profiling of Populus small RNAs. BMC Genomics, 2009, 10, 620.	1.2	90
50	Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. Nature, 2009, 461, 393-398.	13.7	1,405
51	Distinct Argonaute-Mediated 22G-RNA Pathways Direct Genome Surveillance in the C. elegans Germline. Molecular Cell, 2009, 36, 231-244.	4.5	449
52	PRG-1 and 21U-RNAs Interact to Form the piRNA Complex Required for Fertility in C. elegans. Molecular Cell, 2008, 31, 67-78.	4.5	528
53	Multimegabase Silencing in Nucleolar Dominance Involves siRNA-Directed DNA Methylation and Specific Methylcytosine-Binding Proteins. Molecular Cell, 2008, 32, 673-684.	4.5	144
54	Criteria for Annotation of Plant MicroRNAs. Plant Cell, 2008, 20, 3186-3190.	3.1	1,158

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55	Specificity of ARGONAUTE7-miR390 Interaction and Dual Functionality in TAS3 Trans-Acting siRNA Formation. Cell, 2008, 133, 128-141.	13.5	712
56	AGO1-miR173 complex initiates phased siRNA formation in plants. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20055-20062.	3.3	178
57	Splicing and dicing with a <i>SERRATE</i> d edge. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8489-8490.	3.3	12
58	Distinct Expression Patterns of Natural Antisense Transcripts in Arabidopsis. Plant Physiology, 2007, 144, 1247-1255.	2.3	84
59	Genome-Wide Analysis of the RNA-DEPENDENT RNA POLYMERASE6/DICER-LIKE4 Pathway in Arabidopsis Reveals Dependency on miRNA- and tasiRNA-Directed Targeting. Plant Cell, 2007, 19, 926-942.	3.1	381
60	Update of ASRP: the Arabidopsis Small RNA Project database. Nucleic Acids Research, 2007, 36, D982-D985.	6.5	70
61	High-Throughput Sequencing of Arabidopsis microRNAs: Evidence for Frequent Birth and Death of MIRNA Genes. PLoS ONE, 2007, 2, e219.	1.1	1,100
62	Sequence and Expression Differences Underlie Functional Specialization of Arabidopsis MicroRNAs miR159 and miR319. Developmental Cell, 2007, 13, 115-125.	3.1	399
63	Genome-Wide Profiling and Analysis of Arabidopsis siRNAs. PLoS Biology, 2007, 5, e57.	2.6	473
64	Specialization and evolution of endogenous small RNA pathways. Nature Reviews Genetics, 2007, 8, 884-896.	7.7	631
65	Repression of <i>AUXIN RESPONSE FACTOR10</i> by microRNA160 is critical for seed germination and postâ€germination stages. Plant Journal, 2007, 52, 133-146.	2.8	548
66	The Personal Sequence Database: a suite of tools to create and maintain web-accessible sequence databases. BMC Bioinformatics, 2007, 8, 479.	1.2	3
67	Transgenically expressed viral RNA silencing suppressors interfere with microRNA methylation inArabidopsis. FEBS Letters, 2006, 580, 3117-3120.	1.3	107
68	Small RNA binding is a common strategy to suppress RNA silencing by several viral suppressors. EMBO Journal, 2006, 25, 2768-2780.	3.5	440
69	Diverse suppressors of RNA silencing enhance agroinfection by a viral replicon. Virology, 2006, 346, 7-14.	1.1	137
70	Regulation of AUXIN RESPONSE FACTOR3 by TAS3 ta-siRNA Affects Developmental Timing and Patterning in Arabidopsis. Current Biology, 2006, 16, 939-944.	1.8	545
71	Hierarchical Action and Inhibition of Plant Dicer-Like Proteins in Antiviral Defense. Science, 2006, 313, 68-71.	6.0	818
72	Genome studies and molecular geneticsThe consequences of gene and genome duplication in plants. Current Opinion in Plant Biology, 2005, 8, 119-121.	3.5	6

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73	Small RNAs and Arabidopsis. A Fast Forward Look. Plant Physiology, 2005, 138, 565-566.	2.3	12
74	Identification and Characterization of Human Cytomegalovirus-Encoded MicroRNAs. Journal of Virology, 2005, 79, 12095-12099.	1.5	252
75	DICER-LIKE 4 functions in trans-acting small interfering RNA biogenesis and vegetative phase change in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12984-12989.	3.3	509
76	Expression of Arabidopsis MIRNA Genes. Plant Physiology, 2005, 138, 2145-2154.	2.3	626
77	microRNA-Directed Phasing during Trans-Acting siRNA Biogenesis in Plants. Cell, 2005, 121, 207-221.	13.5	2,091
78	Genome Streamlining in a Cosmopolitan Oceanic Bacterium. Science, 2005, 309, 1242-1245.	6.0	1,034
79	Viral RNA silencing suppressors inhibit the microRNA pathway at an intermediate step. Genes and Development, 2004, 18, 1179-1186.	2.7	500
80	ASRP: the Arabidopsis Small RNA Project Database. Nucleic Acids Research, 2004, 33, D637-D640.	6.5	173
81	Evolution of microRNA genes by inverted duplication of target gene sequences in Arabidopsis thaliana. Nature Genetics, 2004, 36, 1282-1290.	9.4	561
82	Role of transposable elements in heterochromatin and epigenetic control. Nature, 2004, 430, 471-476.	13.7	1,103
83	Role of Arabidopsis ARGONAUTE4 in RNA-Directed DNA Methylation Triggered by Inverted Repeats. Current Biology, 2004, 14, 1214-1220.	1.8	285
84	RNA Silencing Genes Control de Novo DNA Methylation. Science, 2004, 303, 1336-1336.	6.0	484
85	Genetic and Functional Diversification of Small RNA Pathways in Plants. PLoS Biology, 2004, 2, e104.	2.6	1,347
86	Negative Feedback Regulation of Dicer-Like1 in Arabidopsis by microRNA-Guided mRNA Degradation. Current Biology, 2003, 13, 784-789.	1.8	537
87	Suppressor of RNA silencing encoded by Beet yellows virus. Virology, 2003, 306, 203-209.	1.1	128
88	Control of leaf morphogenesis by microRNAs. Nature, 2003, 425, 257-263.	13.7	1,676
89	A uniform system for microRNA annotation. Rna, 2003, 9, 277-279.	1.6	1,620
90	P1/HC-Pro, a Viral Suppressor of RNA Silencing, Interferes with Arabidopsis Development and miRNA Function. Developmental Cell, 2003, 4, 205-217.	3.1	874

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91	Role of MicroRNAs in Plant and Animal Development. Science, 2003, 301, 336-338.	6.0	1,659
92	Endogenous and Silencing-Associated Small RNAs in Plants[W]. Plant Cell, 2002, 14, 1605-1619.	3.1	821
93	Host-Specific Involvement of the HC Protein in the Long-Distance Movement of Potyviruses. Journal of Virology, 2002, 76, 1922-1931.	1.5	95
94	Cleavage of Scarecrow-like mRNA Targets Directed by a Class of Arabidopsis miRNA. Science, 2002, 297, 2053-2056.	6.0	1,503
95	Loss-of-Susceptibility Mutants of Arabidopsis thaliana Reveal an Essential Role for eIF(iso)4E during Potyvirus Infection. Current Biology, 2002, 12, 1046-1051.	1.8	357
96	Silencing on the Spot. Induction and Suppression of RNA Silencing in the Agrobacterium-Mediated Transient Expression System. Plant Physiology, 2001, 126, 930-938.	2.3	469
97	Activation and Suppression of RNA Silencing by Plant Viruses. Virology, 2001, 281, 1-5.	1.1	94
98	Long-Distance Movement and Replication Maintenance Functions Correlate with Silencing Suppression Activity of Potyviral HC-Pro. Virology, 2001, 285, 71-81.	1.1	180
99	Arabidopsis <i>RTM1</i> and <i>RTM2</i> Genes Function in Phloem to Restrict Long-Distance Movement of Tobacco Etch Virus. Plant Physiology, 2001, 127, 1667-1675.	2.3	186
100	Moving targets. Nature, 2000, 408, 150-151.	13.7	25
101	Strain-Specific Interaction of the Tobacco Etch Virus NIa Protein with the Translation Initiation Factor eIF4E in the Yeast Two-Hybrid System. Virology, 2000, 273, 300-306.	1.1	138
102	Arabidopsis RTM2 Gene Is Necessary for Specific Restriction of Tobacco Etch Virus and Encodes an Unusual Small Heat Shock-Like Protein. Plant Cell, 2000, 12, 569.	3.1	1
103	Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13401-13406.	3.3	308
104	Cloning of the Arabidopsis RTM1 gene, which controls restriction of long-distance movement of tobacco etch virus. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 489-494.	3.3	193
105	Arabidopsis RTM2 Gene Is Necessary for Specific Restriction of Tobacco Etch Virus and Encodes an Unusual Small Heat Shockâ€“like Protein. Plant Cell, 2000, 12, 569-582.	3.1	163
106	Functional Analysis of the Interaction between VPg-Proteinase (NIa) and RNA Polymerase (NIb) of Tobacco Etch Potyvirus, Using Conditional and Suppressor Mutants. Journal of Virology, 1999, 73, 8732-8740.	1.5	57
107	Selectable viruses and altered susceptibility mutants in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 772-777.	3.3	92
108	Reinventing plant virus movement. Trends in Microbiology, 1999, 7, 312-313.	3.5	15

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109	Viral invasion and host defense: strategies and counter-strategies. Current Opinion in Plant Biology, 1998, 1, 336-341.	3.5	63
110	Identification and characterization of a locus (RTM1) that restricts long-distance movement of tobacco etch virus in Arabidopsis thaliana. Plant Journal, 1998, 14, 177-186.	2.8	114
111	Genetic evidence for an essential role for potyvirus CI protein in cell-to-cell movement. Plant Journal, 1998, 14, 393-400.	2.8	175
112	A Counterdefensive Strategy of Plant Viruses. Cell, 1998, 95, 461-470.	13.5	749
113	Secondary Structures in the Capsid Protein Coding Sequence and 3â€² Nontranslated Region Involved in Amplification of the Tobacco Etch Virus Genome. Journal of Virology, 1998, 72, 4072-4079.	1.5	60
114	Plant viral synergism: the potyviral genome encodes a broad-range pathogenicity enhancer that transactivates replication of heterologous viruses.. Plant Cell, 1997, 9, 859-868.	3.1	496
115	Genome Amplification and Long-Distance Movement Functions Associated with the Central Domain of Tobacco Etch Potyvirus Helper Componentâ€“Proteinase. Virology, 1997, 228, 251-262.	1.1	214
116	Formation of plant RNA virus replication complexes on membranes: role of an endoplasmic reticulum-targeted viral protein. EMBO Journal, 1997, 16, 4049-4059.	3.5	356
117	Mutations in the Region Encoding the Central Domain of Helper Component-Proteinase (HC-Pro) Eliminate Potato Virus X/Potyviral Synergism. Virology, 1997, 231, 35-42.	1.1	118
118	RNA Binding Activity of NIa Proteinase of Tobacco Etch Potyvirus. Virology, 1997, 237, 327-336.	1.1	55
119	Green-fluorescent protein fusions for efficient characterization of nuclear targeting. Plant Journal, 1997, 11, 573-586.	2.8	194
120	NIa and NIb of Peanut Stripe Potyvirus Are Present in the Nucleus of Infected Cells, but Do Not Form Inclusions. Virology, 1996, 224, 368-379.	1.1	23
121	Cell-to-Cell and Long-Distance Transport of Viruses in Plants. Plant Cell, 1996, 8, 1669.	3.1	214
122	Cell-to-Cell and Long-Distance Transport of Viruses in Plants.. Plant Cell, 1996, 8, 1669-1681.	3.1	469
123	5â€² Proximal potyviral sequences mediate potato virus X/potyviral synergistic disease in transgenic tobacco. Virology, 1995, 206, 583-590.	1.1	168
124	Capsid Protein Determinants Involved in Cell-to-Cell and Long Distance Movement of Tobacco Etch Potyvirus. Virology, 1995, 206, 1007-1016.	1.1	239
125	Requirement for HC-Pro Processing during Genome Amplification of Tobacco Etch Potyvirus. Virology, 1995, 209, 268-273.	1.1	77
126	Complementation of tobacco etch potyvirus mutants by active RNA polymerase expressed in transgenic cells.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 457-461.	3.3	71

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127	Long-distance movement factor: a transport function of the potyvirus helper component proteinase.. Plant Cell, 1995, 7, 549-559.	3.1	269
128	Long-Distance Movement Factor: A Transport Function of the Potyvirus Helper Component Proteinase. Plant Cell, 1995, 7, 549.	3.1	57
129	Chapter 20 Targeting of Proteins to the Nucleus. Methods in Cell Biology, 1995, 50, 283-294.	0.5	2
130	The tobacco etch potyvirus 6-kilodalton protein is membrane associated and involved in viral replication. Journal of Virology, 1994, 68, 2388-2397.	1.5	126
131	Nuclear Transport of Tobacco Etch Potyviral RNA-Dependent RNA Polymerase Is Highly Sensitive to Sequence Alterations. Virology, 1993, 193, 951-958.	1.1	22
132	Internal cleavage and trans-proteolytic activities of the VPg-proteinase (NIa) of tobacco etch potyvirus in vivo. Journal of Virology, 1993, 67, 6995-7000.	1.5	122
133	Tagging of plant potyvirus replication and movement by insertion of beta-glucuronidase into the viral polyprotein.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 10208-10212.	3.3	232
134	Characterization of the potyviral HC-pro autoproteolytic cleavage site. Virology, 1992, 187, 308-315.	1.1	81
135	Biologically active cymbidium ringspot virus satellite RNA in transgenic plants suppresses accumulation of DI RNA. Virology, 1992, 188, 429-437.	1.1	24
136	Mutational analysis of the tobacco etch potyviral 35-kDa proteinase: Identification of essential residues and requirements for autoproteolysis. Virology, 1992, 190, 298-306.	1.1	88
137	Evidence for common ancestry of a chestnut blight hypovirulence-associated double-stranded RNA and a group of positive-strand RNA plant viruses.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 10647-10651.	3.3	192
138	The 35-kDa protein from the N-terminus of the potyviral polyprotein functions as a third virus-encoded proteinase. Virology, 1991, 185, 527-535.	1.1	192
139	Bipartite Signal Sequence Mediates Nuclear Translocation of the Plant Potyviral NIa Protein. Plant Cell, 1991, 3, 953.	3.1	2
140	Bipartite signal sequence mediates nuclear translocation of the plant potyviral NIa protein.. Plant Cell, 1991, 3, 953-962.	3.1	177
141	Nuclear transport of plant potyviral proteins.. Plant Cell, 1990, 2, 987-998.	3.1	359
142	Turnip crinkle virus infection from RNA synthesized in Vitro. Virology, 1989, 170, 214-218.	1.1	100
143	The genome structure of turnip crinkle virus. Virology, 1989, 170, 219-226.	1.1	146
144	Identification of essential residues in potyvirus proteinase HC-pro by site-directed mutagenesis. Virology, 1989, 173, 692-699.	1.1	140

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145	Expression and Function of Potyviral Gene Products. Annual Review of Phytopathology, 1988, 26, 123-143.	3.5	248
146	A viral cleavage site cassette: identification of amino acid sequences required for tobacco etch virus polyprotein processing.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 3391-3395.	3.3	210
147	Carnation Mottle Virus and Viruses with Similar Properties. , 1988, , 73-112.		43
148	Vectors for cell-free expression and mutagenesis of protein-coding sequences. Nucleic Acids Research, 1987, 15, 10066-10066.	6.5	13
149	Processing of the tobacco etch virus 49K protease requires autoproteolysis. Virology, 1987, 160, 355-362.	1.1	94
150	A defective interfering RNA that contains a mosaic of a plant virus genome. Cell, 1987, 51, 427-433.	13.5	177
151	Small Nuclear Inclusion Protein Encoded by a Plant Potyvirus Genome Is a Protease. Journal of Virology, 1987, 61, 2540-2548.	1.5	199
152	Nucleotide sequence and genome organization of carnation mottle virus RNA. Nucleic Acids Research, 1985, 13, 6663-6677.	6.5	143
153	Rapid detection of plant RNA viruses by dot blot hybridization. Plant Molecular Biology Reporter, 1983, 1, 21-25.	1.0	27
154	Fast-forward generation of effective artificial small RNAs for enhanced antiviral defense in plants. RNA & Disease (Houston, Tex), 0, , .	1.0	11