Jonathan D G Jones

List of Publications by Year
in descending order

352 papers	87,274 citations	613 124 h-index	361 282 g-index
395 all docs	395 docs citations	395 times ranked	43137 citing authors

#	Article	IF	Citations
1	The plant immune system. Nature, 2006, 444, 323-329.	13.7	10,939
2	Plant pathogens and integrated defence responses to infection. Nature, 2001, 411, 826-833.	13.7	3,460
3	Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, .	6.0	2,424
4	Role of plant hormones in plant defence responses. Plant Molecular Biology, 2009, 69, 473-488.	2.0	2,187
5	Reactive oxygen species produced by NADPH oxidase regulate plant cell growth. Nature, 2003, 422, 442-446.	13.7	1,999
6	A Plant miRNA Contributes to Antibacterial Resistance by Repressing Auxin Signaling. Science, 2006, 312, 436-439.	6.0	1,762
7	Perception of the Bacterial PAMP EF-Tu by the Receptor EFR Restricts Agrobacterium-Mediated Transformation. Cell, 2006, 125, 749-760.	13.5	1,658
8	Genome-wide association study of 107 phenotypes in Arabidopsis thaliana inbred lines. Nature, 2010, 465, 627-631.	13.7	1,651
9	A flagellin-induced complex of the receptor FLS2 and BAK1 initiates plant defence. Nature, 2007, 448, 497-500.	13.7	1,619
10	Hormone Crosstalk in Plant Disease and Defense: More Than Just JASMONATE-SALICYLATE Antagonism. Annual Review of Phytopathology, 2011, 49, 317-343.	3.5	1,564
11	Arabidopsis gp91phox homologues AtrbohD and AtrbohF are required for accumulation of reactive oxygen intermediates in the plant defense response. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 517-522.	3.3	1,488
12	Bacterial disease resistance in Arabidopsis through flagellin perception. Nature, 2004, 428, 764-767.	13.7	1,487
13	NADPH oxidase AtrbohD and AtrbohF genes function in ROS-dependent ABA signaling in Arabidopsis. EMBO Journal, 2003, 22, 2623-2633.	3.5	1,474
14	Reactive Oxygen Species Signaling in Response to Pathogens. Plant Physiology, 2006, 141, 373-378.	2.3	1,449
15	Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. Nature, 2009, 461, 393-398.	13.7	1,405
16	PLANT DISEASE RESISTANCE GENES. Annual Review of Plant Biology, 1997, 48, 575-607.	14.2	965
17	Targeted mutagenesis in the model plant Nicotiana benthamiana using Cas9 RNA-guided endonuclease. Nature Biotechnology, 2013, 31, 691-693.	9.4	951
18	Isolation of the tomato Cf-9 gene for resistance to Cladosporium fulvum by transposon tagging. Science, 1994, 266, 789-793.	6.0	885

#	Article	IF	Citations
19	Molecular genetics of plant disease resistance. Science, 1995, 268, 661-667.	6.0	866
20	Analysis of 1.9â€‰Mb of contiguous sequence from chromosome 4 of Arabidopsis thaliana. Nature, 1998, 391, 485-488.	13.7	844
21	Intracellular innate immune surveillance devices in plants and animals. Science, 2016, 354, .	6.0	834
22	Transcriptional repression by AtMYB4 controls production of UV-protecting sunscreens in Arabidopsis. EMBO Journal, 2000, 19, 6150-6161.	3.5	797
23	The transcriptional landscape of polyploid wheat. Science, 2018, 361, .	6.0	768
24	Direct Regulation of the NADPH Oxidase RBOHD by the PRR-Associated Kinase BIK1 during Plant Immunity. Molecular Cell, 2014, 54, 43-55.	4.5	744
25	The auxin influx carrier LAX3 promotes lateral root emergence. Nature Cell Biology, 2008, 10, 946-954.	4.6	715
26	The Top 10 oomycete pathogens in molecular plant pathology. Molecular Plant Pathology, 2015, 16, 413-434.	2.0	695
27	Plant disease-resistance proteins and the gene-for-gene concept. Trends in Biochemical Sciences, 1998, 23, 454-456.	3.7	694
28	Patterns of gene action in plant development revealed by enhancer trap and gene trap transposable elements.. Genes and Development, 1995, 9, 1797-1810.	2.7	671
29	A Golden Gate Modular Cloning Toolbox for Plants. ACS Synthetic Biology, 2014, 3, 839-843.	1.9	666
30	DELLAs Control Plant Immune Responses by Modulating the Balance of Jasmonic Acid and Salicylic Acid Signaling. Current Biology, 2008, 18, 650-655.	1.8	614
31	A molecular description of telomeric heterochromatin in secale species. Cell, 1980, 19, 545-560.	13.5	610
32	The Tomato Cf-2 Disease Resistance Locus Comprises Two Functional Genes Encoding Leucine-Rich Repeat Proteins. Cell, 1996, 84, 451-459.	13.5	591
33	Nicotiana benthamiana gp91phox Homologs NbrbohA and NbrbohB Participate in H2O2 Accumulation and Resistance to Phytophthora infestans. Plant Cell, 2003, 15, 706-718.	3.1	573
34	EDS1, an essential component of R gene-mediated disease resistance in Arabidopsis has homology to eukaryotic lipases. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3292-3297.	3.3	571
35	Novel Disease Resistance Specificities Result from Sequence Exchange between Tandemly Repeated Genes at the Cf-4/9 Locus of Tomato. Cell, 1997, 91, 821-832.	13.5	562
36	The Transcriptional Innate Immune Response to flg22. Interplay and Overlap with Avr Gene-Dependent Defense Responses and Bacterial Pathogenesis. Plant Physiology, 2004, 135, 1113-1128.	2.3	562

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37	The NB-ARC domain: a novel signalling motif shared by plant resistance gene products and regulators of cell death in animals. Current Biology, 1998, 8, R226-R228.	1.8	539
38	Mutual potentiation of plant immunity by cell-surface and intracellular receptors. Nature, 2021, 592, 110-115.	13.7	536
39	Pathogen-induced, NADPH oxidaseâ€“derived reactive oxygen intermediates suppress spread of cell death in Arabidopsis thaliana. Nature Genetics, 2005, 37, 1130-1134.	9.4	513
40	Pathological hormone imbalances. Current Opinion in Plant Biology, 2007, 10, 372-379.	3.5	513
41	Signatures of Adaptation to Obligate Biotrophy in the <i>Hyaloperonospora arabidopsidis</i> Genome. Science, 2010, 330, 1549-1551.	6.0	492
42	Calcium-dependent protein kinases play an essential role in a plant defence response. EMBO Journal, 2001, 20, 5556-5567.	3.5	476
43	Interfamily transfer of a plant pattern-recognition receptor confers broad-spectrum bacterial resistance. Nature Biotechnology, 2010, 28, 365-369.	9.4	464
44	Rapid Avr9- and Cf-9â€“Dependent Activation of MAP Kinases in Tobacco Cell Cultures and Leaves: Convergence of Resistance Gene, Elicitor, Wound, and Salicylate Responses. Plant Cell, 1999, 11, 273-287.	3.1	458
45	A Plant Immune Receptor Detects Pathogen Effectors that Target WRKY Transcription Factors. Cell, 2015, 161, 1089-1100.	13.5	454
46	High level expression of introduced chimaeric genes in regenerated transformed plants. EMBO Journal, 1985, 4, 2411-2418.	3.5	438
47	A Bacterial Virulence Protein Suppresses Host Innate Immunity to Cause Plant Disease. Science, 2006, 313, 220-223.	6.0	438
48	The Arabidopsis downy mildew resistance gene RPP5 shares similarity to the toll and interleukin-1 receptors with N and L6.. Plant Cell, 1997, 9, 879-894.	3.1	434
49	Hormone (Dis)harmony Moulds Plant Health and Disease. Science, 2009, 324, 750-752.	6.0	416
50	Cladosporium Avr2 Inhibits Tomato Rcr3 Protease Required for Cf-2-Dependent Disease Resistance. Science, 2005, 308, 1783-1786.	6.0	415
51	SixArabidopsis thalianahomologues of the human respiratory burst oxidase (gp91phox). Plant Journal, 1998, 14, 365-370.	2.8	403
52	cDNA-AFLP Reveals a Striking Overlap in Race-Specific Resistance and Wound Response Gene Expression Profiles. Plant Cell, 2000, 12, 963-977.	3.1	387
53	Ubiquitin ligase-associated protein SGT1 is required for host and nonhost disease resistance in plants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10865-10869.	3.3	385
54	Regulatory Role of SGT1 in Early R Gene-Mediated Plant Defenses. Science, 2002, 295, 2077-2080.	6.0	385

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55	Rapid cloning of disease-resistance genes in plants using mutagenesis and sequence capture. Nature Biotechnology, 2016, 34, 652-655.	9.4	383
56	Resistance gene enrichment sequencing (<scp>R</scp>en<scp>S</scp>eq) enables reannotation of the <scp>NB</scp>â€‹scp>LRR</scp> gene family from sequenced plant genomes and rapid mapping of resistance loci in segregating populations. Plant Journal, 2013, 76, 530-544.	2.8	367
57	Convergent Targeting of a Common Host Protein-Network by Pathogen Effectors from Three Kingdoms of Life. Cell Host and Microbe, 2014, 16, 364-375.	5.1	367
58	A Tomato Cysteine Protease Required for Cf-2-Dependent Disease Resistance and Suppression of Autonecrosis. Science, 2002, 296, 744-747.	6.0	365
59	Multiple Independent Defective Suppressor-mutator Transposon Insertions in Arabidopsis: A Tool for Functional Genomics. Plant Cell, 1999, 11, 1841-1852.	3.1	353
60	Three Genes of the Arabidopsis RPP1 Complex Resistance Locus Recognize Distinct Peronospora parasitica Avirulence Determinants. Plant Cell, 1998, 10, 1847-1860.	3.1	351
61	Autophagic Components Contribute to Hypersensitive Cell Death in Arabidopsis. Cell, 2009, 137, 773-783.	13.5	348
62	CDPK-mediated signalling pathways: specificity and cross-talk. Journal of Experimental Botany, 2003, 55, 181-188.	2.4	342
63	Trehalose-6-phosphate synthase 1, which catalyses the first step in trehalose synthesis, is essential forArabidopsisembryo maturation. Plant Journal, 2002, 29, 225-235.	2.8	333
64	Thirty years of resistance: Zig-zag through the plant immune system. Plant Cell, 2022, 34, 1447-1478.	3.1	318
65	Pronounced Intraspecific Haplotype Divergence at the RPP5 Complex Disease Resistance Locus of Arabidopsis. Plant Cell, 1999, 11, 2099-2111.	3.1	312
66	The tomato DWARF enzyme catalyses C-6 oxidation in brassinosteroid biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 1761-1766.	3.3	306
67	Effective vectors for transformation, expression of heterologous genes, and assaying transposon excision in transgenic plants. Transgenic Research, 1992, 1, 285-297.	1.3	301
68	Structural Basis for Assembly and Function of a Heterodimeric Plant Immune Receptor. Science, 2014, 344, 299-303.	6.0	300
69	rbohA, a rice homologue of the mammalian gp91phox respiratory burst oxidase gene. Plant Journal, 1996, 10, 515-522.	2.8	294
70	Comparative analysis of plant immune receptor architectures uncovers host proteins likely targeted by pathogens. BMC Biology, 2016, 14, 8.	1.7	293
71	Ethylene-mediated cross-talk between calcium-dependent protein kinase and MAPK signaling controls stress responses in plants. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10736-10741.	3.3	292
72	Anthocyanins Double the Shelf Life of Tomatoes by Delaying Overripening and Reducing Susceptibility to Gray Mold. Current Biology, 2013, 23, 1094-1100.	1.8	292

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73	Identification and localisation of the NB-LRR gene family within the potato genome. BMC Genomics, 2012, 13, 75.	1.2	290
74	The Tomato Cf-5 Disease Resistance Gene and Six Homologs Show Pronounced Allelic Variation in Leucine-Rich Repeat Copy Number. Plant Cell, 1998, 10, 1915-1925.	3.1	286
75	Nuclear Accumulation of the Arabidopsis Immune Receptor RPS4 Is Necessary for Triggering EDS1-Dependent Defense. Current Biology, 2007, 17, 2023-2029.	1.8	281
76	Resistance gene cloning from a wild crop relative by sequence capture and association genetics. Nature Biotechnology, 2019, 37, 139-143.	9.4	280
77	Alkali treatment for rapid preparation of plant material for reliable PCR analysis. Plant Journal, 1993, 3, 493-494.	2.8	274
78	Gene Gain and Loss during Evolution of Obligate Parasitism in the White Rust Pathogen of Arabidopsis thaliana. PLoS Biology, 2011, 9, e1001094.	2.6	271
79	Application of 'next-generation' sequencing technologies to microbial genetics. Nature Reviews Microbiology, 2009, 7, 96-97.	13.6	269
80	Control of the pattern-recognition receptor EFR by an ER protein complex in plant immunity. EMBO Journal, 2009, 28, 3428-3438.	3.5	267
81	A Genome-Wide Functional Investigation into the Roles of Receptor-Like Proteins in Arabidopsis Â Â. Plant Physiology, 2008, 147, 503-517.	2.3	266
82	A Species-Wide Inventory of NLR Genes and Alleles in Arabidopsis thaliana. Cell, 2019, 178, 1260-1272.e14.	13.5	265
83	Standards for plant synthetic biology: a common syntax for exchange of <scp>DNA</scp> parts. New Phytologist, 2015, 208, 13-19.	3.5	263
84	Arabidopsis RPP4 is a member of the RPP5 multigene family of TIR-NB-LRR genes and confers downy mildew resistance through multiple signalling components. Plant Journal, 2002, 29, 439-451.	2.8	256
85	Resistance Gene-Dependent Activation of a Calcium-Dependent Protein Kinase in the Plant Defense Response. Plant Cell, 2000, 12, 803-815.	3.1	253
86	Accelerated cloning of a potato late blightâ€"resistance gene using RenSeq and SMRT sequencing. Nature Biotechnology, 2016, 34, 656-660.	9.4	248
87	The Downy Mildew Effector Proteins ATR1 and ATR13 Promote Disease Susceptibility in <i>Arabidopsis thaliana</i>. Plant Cell, 2008, 19, 4077-4090.	3.1	247
88	Multiple Avirulence Paralogues in Cereal Powdery Mildew Fungi May Contribute to Parasite Fitness and Defeat of Plant Resistance. Plant Cell, 2006, 18, 2402-2414.	3.1	245
89	Specific ER quality control components required for biogenesis of the plant innate immune receptor EFR. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15973-15978.	3.3	241
90	AtDMC1, the Arabidopsis homologue of the yeast DMC1 gene: characterization, transposon-induced allelic variation and meiosis-associated expression. Plant Journal, 1997, 11, 1-14.	2.8	235

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91	The plant proteolytic machinery and its role in defence. Current Opinion in Plant Biology, 2004, 7, 400-407.	3.5	231
92	Isolation and characterization of genes encoding two chitinase enzymes from <i>Serratia marcescens</i>. EMBO Journal, 1986, 5, 467-473.	3.5	228
93	Diverse <scp>NLR</scp> immune receptors activate defence via the <scp>RPW</scp>8â€<scp>NLR NRG</scp>1. New Phytologist, 2019, 222, 966-980.	3.5	219
94	Identification of amplified restriction fragment polymorphism (AFLP) markers tightly linked to the tomato Cf-9 gene for resistance to Cladosporium fulvum. Plant Journal, 1995, 8, 785-794.	2.8	215
95	The E3 Ubiquitin Ligase Activity of Arabidopsis PLANT U-BOX17 and Its Functional Tobacco Homolog ACRE276 Are Required for Cell Death and Defense. Plant Cell, 2006, 18, 1084-1098.	3.1	215
96	Multiple Candidate Effectors from the Oomycete Pathogen Hyaloperonospora arabidopsidis Suppress Host Plant Immunity. PLoS Pathogens, 2011, 7, e1002348.	2.1	212
97	Phylogenomic Analysis of the Receptor-Like Proteins of Rice and Arabidopsis. Plant Physiology, 2005, 138, 611-623.	2.3	211
98	Virus-induced gene silencing inSolanumspecies. Plant Journal, 2004, 39, 264-272.	2.8	200
99	Subcellular localization of the Hpa RxLR effector repertoire identifies a tonoplastâ€associated protein HaRxL17 that confers enhanced plant susceptibility. Plant Journal, 2012, 69, 252-265.	2.8	198
100	Arabidopsis RAR1 Exerts Rate-Limiting Control of R Geneâ€"Mediated Defenses against Multiple Pathogens. Plant Cell, 2002, 14, 979-992.	3.1	197
101	The microRNA miR393 reâ€directs secondary metabolite biosynthesis away from camalexin and towards glucosinolates. Plant Journal, 2011, 67, 218-231.	2.8	196
102	The U-Box Protein CMPG1 Is Required for Efficient Activation of Defense Mechanisms Triggered by Multiple Resistance Genes in Tobacco and Tomato. Plant Cell, 2006, 18, 1067-1083.	3.1	195
103	<i>Rpi-vnt1.1</i>, a <i>Tm-2²</i> Homolog from <i>Solanum venturii</i>, Confers Resistance to Potato Late Blight. Molecular Plant-Microbe Interactions, 2009, 22, 589-600.	1.4	194
104	Visual Detection of Transposition of the Maize Element Activator (Ac) in Tobacco Seedlings. Science, 1989, 244, 204-207.	6.0	187
105	The TIR Domain of TIR-NB-LRR Resistance Proteins Is a Signaling Domain Involved in Cell Death Induction. Molecular Plant-Microbe Interactions, 2009, 22, 157-165.	1.4	185
106	Pm21 from Haynaldia villosa Encodes a CC-NBS-LRR Protein Conferring Powdery Mildew Resistance in Wheat. Molecular Plant, 2018, 11, 874-878.	3.9	181
107	A Downy Mildew Effector Attenuates Salicylic Acidâ€"Triggered Immunity in Arabidopsis by Interacting with the Host Mediator Complex. PLoS Biology, 2013, 11, e1001732.	2.6	167
108	Functional Analysis of Avr9/Cf-9 Rapidly Elicited Genes Identifies a Protein Kinase, ACIK1, That Is Essential for Full Cf-9â€"Dependent Disease Resistance in Tomato. Plant Cell, 2005, 17, 295-310.	3.1	164

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109	Defining the full tomato NB-LRR resistance gene repertoire using genomic and cDNA RenSeq. BMC Plant Biology, 2014, 14, 120.	1.6	161
110	T-DNA is organized predominantly in inverted repeat structures in plants transformed with Agrobacterium tumefaciens C58 derivatives. Molecular Genetics and Genomics, 1987, 207, 471-477.	2.4	158
111	In the News. Nature Reviews Microbiology, 2009, 7, 260-261.	13.6	158
112	Genome-wide patterns of single-feature polymorphism in <i>Arabidopsis thaliana</i>. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12057-12062.	3.3	157
113	The F-Box Protein ACRE189/ACIF1 Regulates Cell Death and Defense Responses Activated during Pathogen Recognition in Tobacco and Tomato. Plant Cell, 2008, 20, 697-719.	3.1	154
114	Genetic complexity of pathogen perception by plants: The example of Rcr3, a tomato gene required specifically by Cf-2. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 8807-8814.	3.3	151
115	Putting knowledge of plant disease resistance genes to work. Current Opinion in Plant Biology, 2001, 4, 281-287.	3.5	151
116	Mapping and Cloning of Late Blight Resistance Genes from <i>Solanum venturii</i> Using an Interspecific Candidate Gene Approach. Molecular Plant-Microbe Interactions, 2009, 22, 601-615.	1.4	148
117	Two linked pairs of Arabidopsis TNL resistance genes independently confer recognition of bacterial effector AvrRps4. Nature Communications, 2015, 6, 6338.	5.8	147
118	The NLR-Annotator Tool Enables Annotation of the Intracellular Immune Receptor Repertoire. Plant Physiology, 2020, 183, 468-482.	2.3	147
119	An efficient mobilizable cosmid vector, pRK7813, and its use in a rapid method for marker exchange in Pseudomonas fluorescens strain HV37a. Gene, 1987, 61, 299-306.	1.0	145
120	A Chromodomain Protein Encoded by the Arabidopsis CAO Gene Is a Plant-Specific Component of the Chloroplast Signal Recognition Particle Pathway That Is Involved in LHCP Targeting. Plant Cell, 1999, 11, 87-99.	3.1	142
121	Influence of flanking sequences on variability in expression levels of an introduced gene in transgenic tobacco plants. Nucleic Acids Research, 1988, 16, 9267-9283.	6.5	141
122	Plant immune networks. Trends in Plant Science, 2022, 27, 255-273.	4.3	140
123	Salicylic acid is not required forCf-2- andCf-9-dependent resistance of tomato toCladosporium fulvum. Plant Journal, 2000, 23, 305-318.	2.8	139
124	The Tomato Cf-9 Disease Resistance Gene Functions in Tobacco and Potato to Confer Responsiveness to the Fungal Avirulence Gene Product Avr9. Plant Cell, 1998, 10, 1251-1266.	3.1	138
125	The highly buffered Arabidopsis immune signaling network conceals the functions of its components. PLoS Genetics, 2017, 13, e1006639.	1.5	138
126	Altered regulation of tomato and tobacco pigmentation genes caused by the delila gene of Antirrhinum. Plant Journal, 1995, 7, 333-339.	2.8	136

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127	T-DNA structure and gene expression in petunia plants transformed by Agrobacterium tumefaciens C58 derivatives. Molecular Genetics and Genomics, 1987, 207, 478-485.	2.4	135
128	Expression of RPS4 in tobacco induces an AvrRps4-independent HR that requires EDS1, SGT1 and HSP90. Plant Journal, 2004, 40, 213-224.	2.8	135
129	A Draft Genome Sequence of <i>Pseudomonas syringae</i> pv. <i>tomato</i> T1 Reveals a Type III Effector Repertoire Significantly Divergent from That of <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000. Molecular Plant-Microbe Interactions, 2009, 22, 52-62.	1.4	134
130	Klebsiella pneumoniae nifA product activates the Rhizobium meliloti nitrogenase promoter. Nature, 1983, 301, 728-732.	13.7	130
131	The Plasmodesmal Protein PDLP1 Localises to Haustoria-Associated Membranes during Downy Mildew Infection and Regulates Callose Deposition. PLoS Pathogens, 2014, 10, e1004496.	2.1	130
132	The Variable Domain of a Plant Calcium-dependent Protein Kinase (CDPK) Confers Subcellular Localization and Substrate Recognition for NADPH Oxidase. Journal of Biological Chemistry, 2013, 288, 14332-14340.	1.6	129
133	Two unequally redundant "helper" immune receptor families mediate Arabidopsis thaliana intracellular "sensor"Âimmune receptor functions. PLoS Biology, 2020, 18, e3000783.	2.6	125
134	CITRX thioredoxin interacts with the tomato Cf-9 resistance protein and negatively regulates defence. EMBO Journal, 2004, 23, 2156-2165.	3.5	122
135	Developmentally regulated cell death on expression of the fungal avirulence gene Avr9 in tomato seedlings carrying the disease-resistance gene Cf-9.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 10445-10449.	3.3	121
136	The Nuclear Immune Receptor RPS4 Is Required for RRS1SLH1-Dependent Constitutive Defense Activation in Arabidopsis thaliana. PLoS Genetics, 2014, 10, e1004655.	1.5	121
137	The mapping of highly-repeated DNA families and their relationship to C-bands in chromosomes of Secale cereale. Chromosoma, 1982, 86, 595-612.	1.0	120
138	Patterns of Dwarf expression and brassinosteroid accumulation in tomato reveal the importance of brassinosteroid synthesis during fruit development. Plant Journal, 2005, 42, 262-269.	2.8	120
139	Genome-wide survey of Arabidopsis natural variation in downy mildew resistance using combined association and linkage mapping. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10302-10307.	3.3	120
140	Rapid, Cf-9- and Avr9-Dependent Production of Active Oxygen Species in Tobacco Suspension Cultures. Molecular Plant-Microbe Interactions, 1998, 11, 1155-1166.	1.4	118
141	Expression Profiling during Arabidopsis/Downy Mildew Interaction Reveals a Highly-Expressed Effector That Attenuates Responses to Salicylic Acid. PLoS Pathogens, 2014, 10, e1004443.	2.1	117
142	Elevating crop disease resistance with cloned genes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130087.	1.8	117
143	Domain Swapping and Gene Shuffling Identify Sequences Required for Induction of an Avr-Dependent Hypersensitive Response by the Tomato Cf-4 and Cf-9 Proteins. Plant Cell, 2001, 13, 255-272.	3.1	116
144	Relative strengths of the 35S califlower mosaic virus, 1â€², 2â€², and nopaline synthase promoters in transformed tobacco sugarbeet and oilseed rape callus tissue. Molecular Genetics and Genomics, 1988, 212, 182-190.	2.4	113

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145	Behaviour of the maize transposable element Ac in Arabidopsis thaliana. Plant Journal, 1992, 2, 69-81.	2.8	113
146	Recombination between diverged clusters of the tomato Cf-9 plant disease resistance gene family. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 5850-5855.	3.3	113
147	Two Complex Resistance Loci Revealed in Tomato by Classical and RFLP Mapping of the<i>Cf-2, Cf-4, Cf-5,</i>and<i>Cf-9</i>Genes for Resistance to<i>Cladosporium fulvum</i>. Molecular Plant-Microbe Interactions, 1993, 6, 348.	1.4	113
148	Structureâ€“Function Analysis of Cf-9, a Receptor-Like Protein with Extracytoplasmic Leucine-Rich Repeatswâƒž. Plant Cell, 2005, 17, 1000-1015.	3.1	112
149	Pathogen effector recognition-dependent association of NRG1 with EDS1 and SAG101 in TNL receptor immunity. Nature Communications, 2021, 12, 3335.	5.8	112
150	Solanum mochiquense chromosome IX carries a novel late blight resistance gene Rpi-moc1. Theoretical and Applied Genetics, 2005, 110, 252-258.	1.8	107
151	The structure, amount and chromosomal localisation of defined repeated DNA sequences in species of the genus Secale. Chromosoma, 1982, 86, 613-641.	1.0	106
152	TheArabidopsis thalianaTIR-NB-LRR R-protein, RPP1A; protein localization and constitutive activation of defence by truncated alleles in tobacco and Arabidopsis. Plant Journal, 2006, 47, 829-840.	2.8	103
153	NLR-parser: rapid annotation of plant NLR complements. Bioinformatics, 2015, 31, 1665-1667.	1.8	103
154	Protein-protein interactions in the RPS4/RRS1 immune receptor complex. PLoS Pathogens, 2017, 13, e1006376.	2.1	103
155	Map positions of 47 Arabidopsis sequences with sequence similarity to disease resistance genes. Plant Journal, 1997, 12, 1197-1211.	2.8	102
156	Molecular Cloning of ATR5Emoy2 from Hyaloperonospora arabidopsidis, an Avirulence Determinant That Triggers RPP5-Mediated Defense in Arabidopsis. Molecular Plant-Microbe Interactions, 2011, 24, 827-838.	1.4	102
157	Obligate biotroph parasitism: can we link genomes to lifestyles?. Trends in Plant Science, 2012, 17, 448-457.	4.3	102
158	Close Linkage Between the<i>Cf-2/Cf-5</i>and<i>Mi</i>Resistance Loci in Tomato. Molecular Plant-Microbe Interactions, 1993, 6, 341.	1.4	102
159	Development of an efficient two-element transposon tagging system in Arabidopsis thaliana. Molecular Genetics and Genomics, 1992, 233, 449-61.	2.4	99
160	Inducible cell death in plant immunity. Seminars in Cancer Biology, 2007, 17, 166-187.	4.3	98
161	Optimization of T-DNA architecture for Cas9-mediated mutagenesis in Arabidopsis. PLoS ONE, 2019, 14, e0204778.	1.1	96
162	Regulation of Transcription of Nucleotide-Binding Leucine-Rich Repeat-Encoding Genes SNC1 and RPP4 via H3K4 Trimethylation. Plant Physiology, 2013, 162, 1694-1705.	2.3	93

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163	Systemin triggers an increase of cytoplasmic calcium in tomato mesophyll cells: Ca2+ mobilization from intra- and extracellular compartments. Plant, Cell and Environment, 1998, 21, 1101-1111.	2.8	89
164	p-Coumaroylnoradrenaline, a Novel Plant Metabolite Implicated in Tomato Defense against Pathogens. Journal of Biological Chemistry, 2003, 278, 43373-43383.	1.6	88
165	A pigeonpea gene confers resistance to Asian soybean rust in soybean. Nature Biotechnology, 2016, 34, 661-665.	9.4	87
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