Jonathan D G Jones

List of Publications by Year
in descending order

320 papers	74,549 citations	543 120 h-index	357 271 g-index
388 all docs	388 docs citations	388 times ranked	43109 citing authors

#	Article	IF	Citations
1	Genetic manipulation of Indian mustard genotypes with WRR-gene(s) confers resistance against Albugo candida. Molecular Biology Reports, 2024, 51, .	2.6	0
2	The plant immune system: From discovery to deployment. Cell, 2024, 187, 2095-2116.	35.1	59
3	<scp>ATR2^C</scp>^{ala2} from <i>Arabidopsis</i>â€infecting downy mildew requires 4 <scp>TIRâ€NLR</scp> immune receptors for full recognition. New Phytologist, 2024, 243, 330-344.	8.2	0
4	Seed longevity is controlled by metacaspases. Nature Communications, 2024, 15, .	14.1	1
5	The Arabidopsis <scp><i>WRR4A</i></scp> and <scp><i>WRR4B</i></scp> paralogous <scp>NLR</scp> proteins both confer recognition of multiple <i>Albugo candida</i> effectors. New Phytologist, 2023, 237, 532-547.	8.2	9
6	Effectorâ€dependent activation and oligomerization of plant <scp>NRC</scp> class helper <scp>NLRs</scp> by sensor <scp>NLR</scp> immune receptors Rpiâ€amr3 and Rpiâ€amr1. EMBO Journal, 2023, 42, .	7.4	46
7	Pangenomic analysis reveals plant NAD ⁺ manipulation as an important virulence activity of bacterial pathogen effectors. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	7.7	29
8	A wheat kinase and immune receptor form host-specificity barriers against the blast fungus. Nature Plants, 2023, 9, 385-392.	7.0	23
9	Oligomerization of a plant helper NLR requires cell-surface and intracellular immune receptor activation. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	7.7	37
10	One hundred importantÂquestions for plant science â€“ reflecting on a decade of plant research. New Phytologist, 2023, 238, 464-469.	8.2	4
11	The wheat stem rust resistance gene Sr43 encodes an unusual protein kinase. Nature Genetics, 2023, 55, 921-926.	16.3	38
12	Cell-specific RNA profiling reveals host genes expressed in Arabidopsis cells haustoriated by downy mildew. Plant Physiology, 2023, 193, 259-270.	5.4	2
13	Solanum americanum genome-assisted discovery of immune receptors that detect potato late blight pathogen effectors. Nature Genetics, 2023, 55, 1579-1588.	16.3	21
14	An Improved Assembly of the<i>Albugo candida</i>Ac2V Genome Reveals the Expansion of the â€œCCGâ€• Class of Effectors. Molecular Plant-Microbe Interactions, 2022, 35, 39-48.	3.4	7
15	Plant immune networks. Trends in Plant Science, 2022, 27, 255-273.	15.4	200
16	Thirty years of resistance: Zig-zag through the plant immune system. Plant Cell, 2022, 34, 1447-1478.	7.6	420
17	Aegilops sharonensis genome-assisted identification of stem rust resistance gene Sr62. Nature Communications, 2022, 13, .	14.1	66
18	The Ry_{sto} immune receptor recognises a broadly conserved feature of potyviral coat proteins. New Phytologist, 2022, 235, 1179-1195.	8.2	14

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19	The host exocyst complex is targeted by a conserved bacterial type-III effector that promotes virulence. Plant Cell, 2022, 34, 3400-3424.	7.6	18
20	Concerted expansion and contraction of immune receptor gene repertoires in plant genomes. Nature Plants, 2022, 8, 1146-1152.	7.0	50
21	Identification of RipAZ1 as an avirulence determinant of <i>Ralstonia solanacearum</i> in <i>Solanum americanum</i>. Molecular Plant Pathology, 2021, 22, 317-333.	5.1	18
22	A complex resistance locus in Solanum americanum recognizes a conserved Phytophthora effector. Nature Plants, 2021, 7, 198-208.	7.0	63
23	Transient reprogramming of crop plants for agronomic performance. Nature Plants, 2021, 7, 159-171.	7.0	75
24	Mutual potentiation of plant immunity by cell-surface and intracellular receptors. Nature, 2021, 592, 110-115.	40.1	609
25	New Honorary Member of the BSPP. Plant Pathology, 2021, 70, 763-763.	2.7	0
26	Pathogen effector recognition-dependent association of NRG1 with EDS1 and SAG101 in TNL receptor immunity. Nature Communications, 2021, 12, .	14.1	109
27	Chromatin accessibility landscapes activated by cell-surface and intracellular immune receptors. Journal of Experimental Botany, 2021, 72, 7927-7941.	5.1	15
28	Evolutionary tradeâ€offs at the Arabidopsis <i>WRR4A</i> resistance locus underpin alternate <i>Albugo candida</i> race recognition specificities. Plant Journal, 2021, 107, 1490-1502.	6.1	7
29	Evolutionarily distinct resistance proteins detect a pathogen effector through its association with different host targets. New Phytologist, 2021, 232, 1368-1381.	8.2	8
30	Autoactive Arabidopsis RPS4 alleles require partner protein RRS1-R. Plant Physiology, 2021, 185, 761-764.	5.4	7
31	Perception of structurally distinct effectors by the integrated WRKY domain of a plant immune receptor. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.7	31
32	Extreme resistance to <i>Potato virus Y</i> in potato carrying the <i>Ry</i>_{<i>sto</i>} gene is mediated by a <scp>TIR</scp>â€<scp>NLR</scp> immune receptor. Plant Biotechnology Journal, 2020, 18, 655-667.	8.9	68
33	Highâ€resolution expression profiling of selected gene sets during plant immune activation. Plant Biotechnology Journal, 2020, 18, 1610-1619.	8.9	16
34	RNA Splicing: A Novel Pathogen Effector Target. Molecular Plant, 2020, 13, 1348.	17.9	0
35	Identification of <i>Avramr1</i> from <i>Phytophthora infestans</i> using long read and cDNA pathogenâ€enrichment sequencing (PenSeq). Molecular Plant Pathology, 2020, 21, 1502-1512.	5.1	24
36	Induced proximity of a TIR signaling domain on a plant-mammalian NLR chimera activates defense in plants. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18832-18839.	7.7	64

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37	Two unequally redundant "helper" immune receptor families mediate Arabidopsis thaliana intracellular "sensor"Âimmune receptor functions. PLoS Biology, 2020, 18, e3000783.	5.2	111
38	The NLR-Annotator Tool Enables Annotation of the Intracellular Immune Receptor Repertoire. Plant Physiology, 2020, 183, 468-482.	5.4	124
39	Plant NLRs get by with a little help from their friends. Current Opinion in Plant Biology, 2020, 56, 99-108.	7.3	71
40	Estradiol-inducible AvrRps4 expression reveals distinct properties of TIR-NLR-mediated effector-triggered immunity. Journal of Experimental Botany, 2020, 71, 2186-2197.	5.1	35
41	Phosphorylation-Regulated Activation of the Arabidopsis RRS1-R/RPS4 Immune Receptor Complex Reveals Two Distinct Effector Recognition Mechanisms. Cell Host and Microbe, 2020, 27, 769-781.e6.	15.2	47
42	Using CRISPR/Cas9 genome editing in tomato to create a gibberellinâ€responsive dominant dwarf DELLA allele. Plant Biotechnology Journal, 2019, 17, 132-140.	8.9	68
43	A Species-Wide Inventory of NLR Genes and Alleles in Arabidopsis thaliana. Cell, 2019, 178, 1260-1272.e14.	35.1	237
44	A SWEET solution to rice blight. Nature Biotechnology, 2019, 37, 1280-1282.	18.1	23
45	Transgressive segregation reveals mechanisms of<i>Arabidopsis</i>immunity to<i>Brassica</i>-infecting races of white rust (<i>Albugo candida</i>). Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2767-2773.	7.7	50
46	Flor-iculture: Ellis and Doddsâ€™ Illumination of Gene-for-Gene Biology. Plant Cell, 2019, 31, 1204-1205.	7.6	3
47	Alien domains shaped the modular structure of plant NLR proteins. Genome Biology and Evolution, 2019, , .	2.5	19
48	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.	8.2	188
49	Optimization of T-DNA architecture for Cas9-mediated mutagenesis in Arabidopsis. PLoS ONE, 2019, 14, e0204778.	2.5	82
50	<i>Albugo candida</i> race diversity, ploidy and hostâ€associated microbes revealed using DNA sequence capture on diseased plants in the field. New Phytologist, 2019, 221, 1529-1543.	8.2	38
51	Autoimmunity and effector recognition in <i>Arabidopsis thaliana</i> can be uncoupled by mutations in the RRS1â€R immune receptor. New Phytologist, 2019, 222, 954-965.	8.2	8
52	Pathogen enrichment sequencing (PenSeq) enables population genomic studies in oomycetes. New Phytologist, 2019, 221, 1634-1648.	8.2	41
53	Resistance gene cloning from a wild crop relative by sequence capture and association genetics. Nature Biotechnology, 2019, 37, 139-143.	18.1	248
54	Pm21 from Haynaldia villosa Encodes a CC-NBS-LRR Protein Conferring Powdery Mildew Resistance in Wheat. Molecular Plant, 2018, 11, 874-878.	17.9	190

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55	A downy mildew effector evades recognition by polymorphism of expression and subcellular localization. Nature Communications, 2018, 9, .	14.1	37
56	Distinct modes of derepression of an <i>Arabidopsis</i> immune receptor complex by two different bacterial effectors. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10218-10227.	7.7	70
57	<i>Arabidopsis</i> downy mildew effector HaRxL106 suppresses plant immunity by binding to RADICALâ€INDUCED CELL DEATH1. New Phytologist, 2018, 220, 232-248.	8.2	42
58	A workflow for simplified analysis of ATAC-cap-seq data in R. GigaScience, 2018, 7, .	3.4	5
59	The transcriptional landscape of polyploid wheat. Science, 2018, 361, .	38.2	648
60	Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, .	38.2	1,976
61	Deadlier than the malate. Cell Research, 2018, 28, 609-610.	8.2	0
62	Arabidopsis late blight: infection of a nonhost plant by<i>Albugo laibachii</i>enables full colonization by<i>Phytophthora infestans</i>. Cellular Microbiology, 2017, 19, e12628.	1.4	39
63	Two-faced TIRs trip the immune switch. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2445-2446.	7.7	1
64	Genomic Rearrangements in<i>Arabidopsis</i>Considered as Quantitative Traits. Genetics, 2017, 205, 1425-1441.	4.2	15
65	Foundational and Translational Research Opportunities to Improve Plant Health. Molecular Plant-Microbe Interactions, 2017, 30, 515-516.	3.4	26
66	Albugo-imposed changes to tryptophan-derived antimicrobial metabolite biosynthesis may contribute to suppression of non-host resistance to Phytophthora infestans in Arabidopsis thaliana. BMC Biology, 2017, 15, .	4.0	31
67	MutRenSeq: A Method for Rapid Cloning of Plant Disease Resistance Genes. Methods in Molecular Biology, 2017, , 215-229.	0.0	22
68	Discovery and characterization of two new stem rust resistance genes in Aegilops sharonensis. Theoretical and Applied Genetics, 2017, 130, 1207-1222.	3.7	26
69	The highly buffered Arabidopsis immune signaling network conceals the functions of its components. PLoS Genetics, 2017, 13, e1006639.	3.3	93
70	Comparative analysis of targeted long read sequencing approaches for characterization of a plantâ€™s immune receptor repertoire. BMC Genomics, 2017, 18, .	3.2	32
71	Protein-protein interactions in the RPS4/RRS1 immune receptor complex. PLoS Pathogens, 2017, 13, e1006376.	4.5	87
72	Targeted Capture and Sequencing of Gene-Sized DNA Molecules. BioTechniques, 2016, 61, 315-322.	5.5	25

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73	Pathogen perception by NLRs in plants and animals: Parallel worlds. BioEssays, 2016, 38, 769-781.	2.3	71
74	Intracellular innate immune surveillance devices in plants and animals. Science, 2016, 354, .	38.2	780
75	Comparative analysis of plant immune receptor architectures uncovers host proteins likely targeted by pathogens. BMC Biology, 2016, 14, .	4.0	227
76	Accelerated cloning of a potato late blightâ€“resistance gene using RenSeq and SMRT sequencing. Nature Biotechnology, 2016, 34, 656-660.	18.1	218
77	Rapid cloning of disease-resistance genes in plants using mutagenesis and sequence capture. Nature Biotechnology, 2016, 34, 652-655.	18.1	326
78	A pigeonpea gene confers resistance to Asian soybean rust in soybean. Nature Biotechnology, 2016, 34, 661-665.	18.1	89
79	Characterization of a<i>JAZ7</i>activation-tagged Arabidopsis mutant with increased susceptibility to the fungal pathogen<i>Fusarium oxysporum</i>. Journal of Experimental Botany, 2016, 67, 2367-2386.	5.1	71
80	SMRT RenSeq protocol. Protocol Exchange, 2016, , .	0.0	4
81	Standards for plant synthetic biology: a common syntax for exchange of <scp>DNA</scp> parts. New Phytologist, 2015, 208, 13-19.	8.2	191
82	Probing formation of cargo/importinâ€Î± transport complexes in plant cells using a pathogen effector. Plant Journal, 2015, 81, 40-52.	6.1	32
83	Comparative genomic analysis of multiple strains of two unusual plant pathogens: Pseudomonas corrugata and Pseudomonas mediterranea. Frontiers in Microbiology, 2015, 6, .	3.9	35
84	A Plant Immune Receptor Detects Pathogen Effectors that Target WRKY Transcription Factors. Cell, 2015, 161, 1089-1100.	35.1	419
85	Fine mapping of the Rpi-rzc1 gene conferring broad-spectrum resistance to potato late blight. European Journal of Plant Pathology, 2015, 143, 193-198.	1.7	12
86	NLR-parser: rapid annotation of plant NLR complements. Bioinformatics, 2015, 31, 1665-1667.	5.0	82
87	Two linked pairs of Arabidopsis TNL resistance genes independently confer recognition of bacterial effector AvrRps4. Nature Communications, 2015, 6, .	14.1	129
88	Domestication: Sweet! A naturally transgenic crop. Nature Plants, 2015, 1, .	7.0	1
89	The Top 10 oomycete pathogens in molecular plant pathology. Molecular Plant Pathology, 2015, 16, 413-434.	5.1	668
90	Plant immune receptors mimic pathogen virulence targets. Oncotarget, 2015, 6, 16824-16825.	1.7	3

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91	Hyaloperonospora arabidopsidis (Downy Mildew) infection Assay in Arabidopsis. Bio-protocol, 2015, 5, .	0.8	8
92	A novel approach for multi-domain and multi-gene family identification provides insights into evolutionary dynamics of disease resistance genes in core eudicot plants. BMC Genomics, 2014, 15, .	3.2	29
93	The Nuclear Immune Receptor RPS4 Is Required for RRS1SLH1-Dependent Constitutive Defense Activation in Arabidopsis thaliana. PLoS Genetics, 2014, 10, e1004655.	3.3	90
94	Expression Profiling during Arabidopsis/Downy Mildew Interaction Reveals a Highly-Expressed Effector That Attenuates Responses to Salicylic Acid. PLoS Pathogens, 2014, 10, e1004443.	4.5	74
95	The Plasmodesmal Protein PDLP1 Localises to Haustoria-Associated Membranes during Downy Mildew Infection and Regulates Callose Deposition. PLoS Pathogens, 2014, 10, e1004496.	4.5	106
96	Genomic DNA Library Preparation for Resistance Gene Enrichment and Sequencing (RenSeq) in Plants. Methods in Molecular Biology, 2014, , 291-303.	0.0	19
97	Elevating crop disease resistance with cloned genes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130087.	4.1	97
98	Identification of unique SUN-interacting nuclear envelope proteins with diverse functions in plants. Journal of Cell Biology, 2014, 205, 677-692.	4.8	68
99	Convergent Targeting of a Common Host Protein-Network by Pathogen Effectors from Three Kingdoms of Life. Cell Host and Microbe, 2014, 16, 364-375.	15.2	303
100	EXPRSS: an Illumina based high-throughput expression-profiling method to reveal transcriptional dynamics. BMC Genomics, 2014, 15, .	3.2	28
101	Defining the full tomato NB-LRR resistance gene repertoire using genomic and cDNA RenSeq. BMC Plant Biology, 2014, 14, .	4.2	134
102	Direct Regulation of the NADPH Oxidase RBOHD by the PRR-Associated Kinase BIK1 during Plant Immunity. Molecular Cell, 2014, 54, 43-55.	14.2	718
103	A Golden Gate Modular Cloning Toolbox for Plants. ACS Synthetic Biology, 2014, 3, 839-843.	4.3	542
104	Targeted mutagenesis in the model plant Nicotiana benthamiana using Cas9 RNA-guided endonuclease. Nature Biotechnology, 2013, 31, 691-693.	18.1	877
105	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.	6.1	303
106	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.	2.3	99
107	Deployment of the <i><scp>B</scp>urkholderia glumae</i> type <scp>III</scp> secretion system as an efficient tool for translocating pathogen effectors to monocot cells. Plant Journal, 2013, 74, 701-712.	6.1	44
108	In Planta Effector Competition Assays Detect<i>Hyaloperonospora arabidopsidis</i>Effectors That Contribute to Virulence and Localize to Different Plant Subcellular Compartments. Molecular Plant-Microbe Interactions, 2013, 26, 745-757.	3.4	19

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109	Regulation of Transcription of Nucleotide-Binding Leucine-Rich Repeat-Encoding Genes SNC1 and RPP4 via H3K4 Trimethylation. Plant Physiology, 2013, 162, 1694-1705.	5.4	69
110	A Downy Mildew Effector Attenuates Salicylic Acidâ€“Triggered Immunity in Arabidopsis by Interacting with the Host Mediator Complex. PLoS Biology, 2013, 11, e1001732.	5.2	165
111	Crystallization and preliminary X-ray diffraction analyses of the TIR domains of three TIRâ€“NBâ€“LRR proteins that are involved in disease resistance in<i>Arabidopsis thaliana</i>. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 1275-1280.	0.7	4
112	A locus conferring effective late blight resistance in potato cultivar SÃ¡rpo Mira maps to chromosome XI. Theoretical and Applied Genetics, 2013, 127, 647-657.	3.7	28
113	Identifying and Classifying Trait Linked Polymorphisms in Non-Reference Species by Walking Coloured de Bruijn Graphs. PLoS ONE, 2013, 8, e60058.	2.5	17
114	Draft Genome Sequence of Pseudomonas syringae Pathovar Syringae Strain FF5, Causal Agent of Stem Tip Dieback Disease on Ornamental Pear. Journal of Bacteriology, 2012, 194, 3733-3734.	3.0	9
115	Characterization of the membrane-associated HaRxL17<i>Hpa</i>effector candidate. Plant Signaling and Behavior, 2012, 7, 145-149.	3.3	6
116	Coverageâ€based consensus calling (CbCC) of short sequence reads and comparison of CbCC results to identify SNPs in chickpea (<i>Cicer arietinum</i>; Fabaceae), a crop species without a reference genome. American Journal of Botany, 2012, 99, 186-192.	2.2	32
117	The <i>awr</i> Gene Family Encodes a Novel Class of <i>Ralstonia solanacearum</i> Type III Effectors Displaying Virulence and Avirulence Activities. Molecular Plant-Microbe Interactions, 2012, 25, 941-953.	3.4	50
118	Distinct regions of the <i>Pseudomonas syringae</i> coiled-coil effector AvrRps4 are required for activation of immunity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16371-16376.	7.7	61
119	Obligate biotroph parasitism: can we link genomes to lifestyles?. Trends in Plant Science, 2012, 17, 448-457.	15.4	96
120	Identification and localisation of the NB-LRR gene family within the potato genome. BMC Genomics, 2012, 13, .	3.2	223
121	Colouring up Plant Biotechnology. , 2012, , 131-142.		3
122	HopAS1 recognition significantly contributes to Arabidopsis nonhost resistance to <i>Pseudomonas syringae</i> pathogens. New Phytologist, 2012, 193, 58-66.	8.2	29
123	Subcellular localization of the <i>Hpa</i> RxLR effector repertoire identifies a tonoplastâ€associated protein HaRxL17 that confers enhanced plant susceptibility. Plant Journal, 2012, 69, 252-265.	6.1	126
124	Subcellular targeting of an evolutionarily conserved plant defensin <scp>M</scp>t<scp>D</scp>ef4.2 determines the outcome of plantâ€“pathogen interaction in transgenic <scp>A</scp>rabidopsis. Molecular Plant Pathology, 2012, 13, 1032-1046.	5.1	28
125	Why genetically modified crops?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 1807-1816.	2.8	16
126	Molecular Cloning of ATR5^{Emoy2} from <i>Hyaloperonospora arabidopsidis</i>, an Avirulence Determinant That Triggers RPP5-Mediated Defense in <i>Arabidopsis</i>. Molecular Plant-Microbe Interactions, 2011, 24, 827-838.	3.4	69

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127	The microRNA miR393 reâ€directs secondary metabolite biosynthesis away from camalexin and towards glucosinolates. Plant Journal, 2011, 67, 218-231.	6.1	185
128	Hormone Crosstalk in Plant Disease and Defense: More Than Just JASMONATE-SALICYLATE Antagonism. Annual Review of Phytopathology, 2011, 49, 317-343.	10.6	1,466
129	Gene Gain and Loss during Evolution of Obligate Parasitism in the White Rust Pathogen of Arabidopsis thaliana. PLoS Biology, 2011, 9, e1001094.	5.2	211
130	Multiple Candidate Effectors from the Oomycete Pathogen Hyaloperonospora arabidopsidis Suppress Host Plant Immunity. PLoS Pathogens, 2011, 7, e1002348.	4.5	169
131	Genome-wide sequencing data reveals virulence factors implicated in banana Xanthomonasâ€ƒwilt. FEMS Microbiology Letters, 2010, 310, 182-192.	1.9	56
132	Genome-wide association study of 107 phenotypes in Arabidopsis thaliana inbred lines. Nature, 2010, 465, 627-631.	40.1	1,355
133	Interfamily transfer of a plant pattern-recognition receptor confers broad-spectrum bacterial resistance. Nature Biotechnology, 2010, 28, 365-369.	18.1	426
134	Genome-wide survey of <i>Arabidopsis</i> 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.	7.7	93
135	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.	7.7	224
136	<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.	3.4	172
137	Hormone (Dis)harmony Moulds Plant Health and Disease. Science, 2009, 324, 750-752.	38.2	358
138	The <i>Pseudomonas syringae</i> effector protein, AvrRPS4, requires <i>in planta</i> processing and the KRVY domain to function. Plant Journal, 2009, 57, 1079-1091.	6.1	48
139	Control of the pattern-recognition receptor EFR by an ER protein complex in plant immunity. EMBO Journal, 2009, 28, 3428-3438.	7.4	246
140	Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. Nature, 2009, 461, 393-398.	40.1	1,168
141	Application of 'next-generation' sequencing technologies to microbial genetics. Nature Reviews Microbiology, 2009, 7, 96-97.	27.5	245
142	In the News. Nature Reviews Microbiology, 2009, 7, 260-261.	27.5	150
143	<i>De novo</i>assembly of the<i>Pseudomonas syringae</i>pv.<i>syringae</i>B728a genome using Illumina/Solexa short sequence reads. FEMS Microbiology Letters, 2009, 291, 103-111.	1.9	71
144	A Biotic or Abiotic Stress?. , 2009, , 103-122.		2

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145	The Major Specificity-Determining Amino Acids of the Tomato Cf-9 Disease Resistance Protein Are at Hypervariable Solvent-Exposed Positions in the Central Leucine-Rich Repeats. Molecular Plant-Microbe Interactions, 2009, 22, 1203-1213.	3.4	34
146	Autophagic Components Contribute to Hypersensitive Cell Death in Arabidopsis. Cell, 2009, 137, 773-783.	35.1	296
147	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.	3.4	134
148	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.	3.4	162
149	Regions of the Cf-9B Disease Resistance Protein Able to Cause Spontaneous Necrosis in <i>Nicotiana benthamiana</i> Lie Within the Region Controlling Pathogen Recognition in Tomato. Molecular Plant-Microbe Interactions, 2009, 22, 1214-1226.	3.4	17
150	TECHNICAL ADVANCE: Induction of phenotypic variation by activation of genes harbouring a maize <i>Spm</i> element in their promoter regions using a TnpAâ€“VP16 fusion protein. Plant Journal, 2008, 53, 587-594.	6.1	1
151	The auxin influx carrier LAX3 promotes lateral root emergence. Nature Cell Biology, 2008, 10, 946-954.	10.5	642
152	Characterization of Arabidopsis <i>mur3</i> mutations that result in constitutive activation of defence in petioles, but not leaves. Plant Journal, 2008, 56, 691-703.	6.1	36
153	Plant Pathogen Effectors: Getting Mixed Messages. Current Biology, 2008, 18, R128-R130.	3.9	7
154	The Downy Mildew Effector Proteins ATR1 and ATR13 Promote Disease Susceptibility in <i>Arabidopsis thaliana</i>. Plant Cell, 2008, 19, 4077-4090.	7.6	205
155	A Genome-Wide Functional Investigation into the Roles of Receptor-Like Proteins in Arabidopsis Â Â. Plant Physiology, 2008, 147, 503-517.	5.4	231
156	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.	7.6	144
157	Role of plant hormones in plant defence responses. Plant Molecular Biology, 2008, 69, 473-488.	3.3	1,999
158	Two distinct potato late blight resistance genes from SolanumÂberthaultii are located on chromosome 10. Euphytica, 2008, 165, 269-278.	1.5	35
159	A new resistance gene to powdery mildew identified in Solanum neorossii has been localized on the short arm of potato chromosome 6. Euphytica, 2008, 166, 331-339.	1.5	5
160	Roles of Plant Hormones in Plant Resistance and Susceptibility to Pathogens. , 2008, , 1-10.		8
161	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.	7.7	137
162	Marker development for the genetic study of natural variation in Arabidopsis thaliana. Bioinformatics, 2007, 23, 3108-3109.	5.0	4

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163	A flagellin-induced complex of the receptor FLS2 and BAK1 initiates plant defence. Nature, 2007, 448, 497-500.	40.1	1,463
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