Cyril B Zipfel

List of Publications by Year
in descending order

150 papers	28,998 citations	8755 75 h-index	7160 153 g-index
188 all docs	188 docs citations	188 times ranked	16515 citing authors

#	Article	IF	Citations
1	Regulation of immune receptor kinase plasma membrane nanoscale organization by a plant peptide hormone and its receptors. ELife, 2022, 11, .	6.0	44
2	Direct inhibition of phosphate transport by immune signaling in Arabidopsis. Current Biology, 2022, 32, 488-495.e5.	3.9	24
3	Evolution of chlorophyll degradation is associated with plant transition to land. Plant Journal, 2022, 109, 1473-1488.	5.7	10
4	Genotyping-by-sequencing-based identification of Arabidopsis pattern recognition receptor RLP32 recognizing proteobacterial translation initiation factor IF1. Nature Communications, 2022, 13, 1294.	12.8	20
5	<i>Pseudomonas syringae</i>addresses distinct environmental challenges during plant infection through the coordinated deployment of polysaccharides. Journal of Experimental Botany, 2022, 73, 2206-2221.	4.8	8
6	A conserved module regulates receptor kinase signalling in immunity and development. Nature Plants, 2022, 8, 356-365.	9.3	27
7	Ca ²⁺ signals in plant immunity. EMBO Journal, 2022, 41, e110741.	7.8	82
8	Concerted actions of PRR- and NLR-mediated immunity. Essays in Biochemistry, 2022, 66, 501-511.	4.7	16
9	Perception of a divergent family of phytocytokines by the Arabidopsis receptor kinase MIK2. Nature Communications, 2021, 12, 705.	12.8	71
10	A novel allele of the <i>Arabidopsis thaliana</i> MACPF protein CAD1 results in deregulated immune signaling. Genetics, 2021, 217, .	2.9	9
11	A membrane-bound ankyrin repeat protein confers race-specific leaf rust disease resistance in wheat. Nature Communications, 2021, 12, 956.	12.8	63
12	The transcriptional landscape of Arabidopsis thaliana pattern-triggered immunity. Nature Plants, 2021, 7, 579-586.	9.3	172
13	Wheat Pm4 resistance to powdery mildew is controlled by alternative splice variants encoding chimeric proteins. Nature Plants, 2021, 7, 327-341.	9.3	85
14	An evergreen mind and a heart for the colors of fall. Journal of Experimental Botany, 2021, 72, 4625-4633.	4.8	4
15	The <i>Arabidopsis</i> immune receptor EFR increases resistance to the bacterial pathogens <i>Xanthomonas</i> and <i>Xylella</i> in transgenic sweet orange. Plant Biotechnology Journal, 2021, 19, 1294-1296.	8.3	26
16	Plant immunity: Crosstalk between plant immune receptors. Current Biology, 2021, 31, R796-R798.	3.9	24
17	Importance of tyrosine phosphorylation for transmembrane signaling in plants. Biochemical Journal, 2021, 478, 2759-2774.	3.7	11
18	Family-wide evaluation of RAPID ALKALINIZATION FACTOR peptides. Plant Physiology, 2021, 187, 996-1010.	4.8	59

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19	Molecular mechanisms of early plant pattern-triggered immune signaling. Molecular Cell, 2021, 81, 3449-3467.	9.7	171
20	Activation loop phosphorylation of a non-RD receptor kinase initiates plant innate immune signaling. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
21	The Arabidopsis pattern recognition receptor EFR enhances fire blight resistance in apple. Horticulture Research, 2021, 8, 204.	6.3	13
22	Bacterial rhamnolipids and their 3-hydroxyalkanoate precursors activate <i>Arabidopsis</i> innate immunity through two independent mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
23	Large-scale identification of ubiquitination sites on membrane-associated proteins in <i>Arabidopsis thaliana</i> seedlings. Plant Physiology, 2021, 185, 1483-1488.	4.8	29
24	The fungal subtilase AsES elicits a PTIâ€like defence response in <i>Arabidopsis thaliana</i> plants independently of its enzymatic activity. Molecular Plant Pathology, 2020, 21, 147-159.	4.2	10
25	<i>Cr</i><scp>RLK</scp>1L receptorâ€like kinases <scp>HERK</scp>1 and <scp>ANJEA</scp> are female determinants of pollen tube reception. EMBO Reports, 2020, 21, e48466.	4.5	62
26	A receptor-like protein mediates plant immune responses to herbivore-associated molecular patterns. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31510-31518.	7.1	86
27	Lumi-Map, a Real-Time Luciferase Bioluminescence Screen of Mutants Combined with MutMap, Reveals <i>Arabidopsis</i> Genes Involved in PAMP-Triggered Immunity. Molecular Plant-Microbe Interactions, 2020, 33, 1366-1380.	2.6	8
28	The calcium-permeable channel OSCA1.3 regulates plant stomatal immunity. Nature, 2020, 585, 569-573.	27.8	208
29	Carbonic anhydrases CA1 and CA4 function in atmospheric CO2-modulated disease resistance. Planta, 2020, 251, 75.	3.2	18
30	Update on Receptors and Signaling. Plant Physiology, 2020, 182, 1527-1530.	4.8	20
31	Chitin perception in plasmodesmata characterizes submembrane immune-signaling specificity in plants. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9621-9629.	7.1	60
32	Low-cost and High-throughput RNA-seq Library Preparation for Illumina Sequencing from Plant Tissue. Bio-protocol, 2020, 10, e3799.	0.4	5
33	Expression of the <i>Arabidopsis thaliana</i> immune receptor <i><scp>EFR</scp></i> in <i>Medicago truncatula</i> reduces infection by a root pathogenic bacterium, but not nitrogenâ€fixing rhizobial symbiosis. Plant Biotechnology Journal, 2019, 17, 569-579.	8.3	42
34	Mechanisms of RALF peptide perception by a heterotypic receptor complex. Nature, 2019, 572, 270-274.	27.8	186
35	Widely Conserved Attenuation of Plant MAMP-Induced Calcium Influx by Bacteria Depends on Multiple Virulence Factors and May Involve Desensitization of Host Pattern Recognition Receptors. Molecular Plant-Microbe Interactions, 2019, 32, 608-621.	2.6	9
36	A <i>Lotus japonicus</i> cytoplasmic kinase connects Nod factor perception by the NFR5 LysM receptor to nodulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14339-14348.	7.1	28

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37	TTL Proteins Scaffold Brassinosteroid Signaling Components at the Plasma Membrane to Optimize Signal Transduction in Arabidopsis. Plant Cell, 2019, 31, 1807-1828.	6.6	47
38	Quantitative phosphoproteomic analysis reveals common regulatory mechanisms between effectorâ€• and PAMPâ€triggered immunity in plants. New Phytologist, 2019, 221, 2160-2175.	7.3	102
39	Comparing Arabidopsis receptor kinase and receptor proteinâ€mediated immune signaling reveals BIK1â€dependent differences. New Phytologist, 2019, 221, 2080-2095.	7.3	73
40	The grapevine (<i>Vitis vinifera</i>) LysM receptor kinases Vv<scp>LYK</scp>1â€1 and Vv<scp>LYK</scp>1â€2 mediate chitooligosaccharideâ€triggered immunity. Plant Biotechnology Journal, 2019, 17, 812-825.	8.3	44
41	An apoplastic peptide activates salicylic acid signalling in maize. Nature Plants, 2018, 4, 172-180.	9.3	97
42	A Regulatory Module Controlling Homeostasis of a Plant Immune Kinase. Molecular Cell, 2018, 69, 493-504.e6.	9.7	161
43	Vacuole Integrity Maintained by DUF300 Proteins Is Required for Brassinosteroid Signaling Regulation. Molecular Plant, 2018, 11, 553-567.	8.3	18
44	An extracellular network of Arabidopsis leucine-rich repeat receptor kinases. Nature, 2018, 553, 342-346.	27.8	241
45	REM1.3's phospho-status defines its plasma membrane nanodomain organization and activity in restricting PVX cell-to-cell movement. PLoS Pathogens, 2018, 14, e1007378.	4.7	73
46	Phosphocode-dependent functional dichotomy of a common co-receptor in plant signalling. Nature, 2018, 561, 248-252.	27.8	126
47	Plant G-protein activation: connecting to plant receptor kinases. Cell Research, 2018, 28, 697-698.	12.0	12
48	The plant cell wall integrity maintenance and immune signaling systems cooperate to control stress responses in <i>Arabidopsis thaliana</i>. Science Signaling, 2018, 11, .	3.6	178
49	Transgenic Expression of<i>EFR</i>and<i>Bs2</i>Genes for Field Management of Bacterial Wilt and Bacterial Spot of Tomato. Phytopathology, 2018, 108, 1402-1411.	2.2	67
50	The receptor kinase FER is a RALF-regulated scaffold controlling plant immune signaling. Science, 2017, 355, 287-289.	12.6	541
51	Protein phosphatase AP2C1 negatively regulates basal resistance and defense responses toPseudomonas syringae. Journal of Experimental Botany, 2017, 68, erw485.	4.8	41
52	Cellulose-Derived Oligomers Act as Damage-Associated Molecular Patterns and Trigger Defense-Like Responses. Plant Physiology, 2017, 173, 2383-2398.	4.8	198
53	Autophosphorylation-based Calcium (Ca2+) Sensitivity Priming and Ca2+/Calmodulin Inhibition of Arabidopsis thaliana Ca2+-dependent Protein Kinase 28 (CPK28). Journal of Biological Chemistry, 2017, 292, 3988-4002.	3.4	48
54	Function, Discovery, and Exploitation of Plant Pattern Recognition Receptors for Broad-Spectrum Disease Resistance. Annual Review of Phytopathology, 2017, 55, 257-286.	7.8	535

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55	Plant signalling in symbiosis and immunity. Nature, 2017, 543, 328-336.	27.8	576
56	The Arabidopsis Leucine-Rich Repeat Receptor Kinase BIR3 Negatively Regulates BAK1 Receptor Complex Formation and Stabilizes BAK1. Plant Cell, 2017, 29, 2285-2303.	6.6	94
57	Phospholipase C2 Affects MAMP-Triggered Immunity by Modulating ROS Production. Plant Physiology, 2017, 175, 970-981.	4.8	57
58	Complex regulation of plant sex by peptides. Science, 2017, 358, 1544-1545.	12.6	10
59	Tyrosine-610 in the Receptor Kinase BAK1 Does Not Play a Major Role in Brassinosteroid Signaling or Innate Immunity. Frontiers in Plant Science, 2017, 8, 1273.	3.6	5
60	Enhanced Bacterial Wilt Resistance in Potato Through Expression of Arabidopsis EFR and Introgression of Quantitative Resistance from Solanum commersonii. Frontiers in Plant Science, 2017, 8, 1642.	3.6	54
61	Arabidopsis leucine-rich repeat receptorâ€“like kinase NILR1 is required for induction of innate immunity to parasitic nematodes. PLoS Pathogens, 2017, 13, e1006284.	4.7	135
62	The Arabidopsis leucine-rich repeat receptor kinase MIK2/LRR-KISS connects cell wall integrity sensing, root growth and response to abiotic and biotic stresses. PLoS Genetics, 2017, 13, e1006832.	3.5	187
63	Plant immune and growth receptors share common signalling components but localise to distinct plasma membrane nanodomains. ELife, 2017, 6, .	6.0	206
64	The Arabidopsis Protein Phosphatase PP2C38 Negatively Regulates the Central Immune Kinase BIK1. PLoS Pathogens, 2016, 12, e1005811.	4.7	113
65	Regulation of pattern recognition receptor signalling in plants. Nature Reviews Immunology, 2016, 16, 537-552.	22.7	1,031
66	High levels of cyclicâ€diâ€<scp>GMP</scp> in plantâ€associated <scp><i>P</i></scp><i>seudomonas</i> correlate with evasion of plant immunity. Molecular Plant Pathology, 2016, 17, 521-531.	4.2	42
67	Detection of the plant parasite <i>Cuscuta reflexa</i> by a tomato cell surface receptor. Science, 2016, 353, 478-481.	12.6	108
68	LRR-RLK family from two Citrus species: genome-wide identification and evolutionary aspects. BMC Genomics, 2016, 17, 623.	2.8	35
69	Bacteria establish an aqueous living space in plants crucial for virulence. Nature, 2016, 539, 524-529.	27.8	358
70	Fungal pathogenesis: Host modulation every which way. Nature Microbiology, 2016, 1, 16075.	13.3	1
71	The Arabidopsis Malectin-Like/LRR-RLK IOS1 is Critical for BAK1-Dependent and BAK1-Independent Pattern-Triggered Immunity. Plant Cell, 2016, 28, tpc.00313.2016.	6.6	126
72	Altered glycosylation of exported proteins, including surface immune receptors, compromises calcium and downstream signaling responses to microbe-associated molecular patterns in Arabidopsis thaliana. BMC Plant Biology, 2016, 16, 31.	3.6	16

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73	PP2A-3 interacts with ACR4 and regulates formative cell division in the <i>Arabidopsis</i> root. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1447-1452.	7.1	43
74	The Arabidopsis NADPH oxidases<i>RbohD</i>and<i>RbohF</i>display differential expression patterns and contributions during plant immunity. Journal of Experimental Botany, 2016, 67, 1663-1676.	4.8	161
75	NbCSPR underlies age-dependent immune responses to bacterial cold shock protein in <i>Nicotiana benthamiana</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3389-3394.	7.1	85
76	Class uncorrected errors as misconduct. Nature, 2016, 531, 173-173.	27.8	11
77	Immunoprecipitation of Plasma Membrane Receptor-Like Kinases for Identification of Phosphorylation Sites and Associated Proteins. Methods in Molecular Biology, 2016, 1363, 133-144.	0.9	30
78	Standards for plant synthetic biology: a common syntax for exchange of <scp>DNA</scp> parts. New Phytologist, 2015, 208, 13-19.	7.3	263
79	Incorporating prior knowledge improves detection of differences in bacterial growth rate. BMC Systems Biology, 2015, 9, 60.	3.0	9
80	Peptidoglycan Perception in Plants. PLoS Pathogens, 2015, 11, e1005275.	4.7	35
81	Flg22-Triggered Immunity Negatively Regulates Key BR Biosynthetic Genes. Frontiers in Plant Science, 2015, 6, 981.	3.6	25
82	Broad application of a simple and affordable protocol for isolating plant RNA. BMC Research Notes, 2015, 8, 154.	1.4	10
83	Engineering insect-free cereals. Nature Biotechnology, 2015, 33, 262-263.	17.5	2
84	Transgenic Expression of the Dicotyledonous Pattern Recognition Receptor EFR in Rice Leads to Ligand-Dependent Activation of Defense Responses. PLoS Pathogens, 2015, 11, e1004809.	4.7	103
85	The Phylogenetically-Related Pattern Recognition Receptors EFR and XA21 Recruit Similar Immune Signaling Components in Monocots and Dicots. PLoS Pathogens, 2015, 11, e1004602.	4.7	87
86	Arabidopsis <scp>EF</scp>â€‘Tu receptor enhances bacterial disease resistance in transgenic wheat. New Phytologist, 2015, 206, 606-613.	7.3	150
87	Regulation of the NADPH Oxidase RBOHD During Plant Immunity. Plant and Cell Physiology, 2015, 56, 1472-1480.	3.1	480
88	A new receptor for LPS. Nature Immunology, 2015, 16, 340-341.	14.5	11
89	Importance of tyrosine phosphorylation in receptor kinase complexes. Trends in Plant Science, 2015, 20, 269-272.	8.8	53
90	Opposing effects on two phases of defense responses from concerted actions of HSC70 and BON1 in Arabidopsis. Plant Physiology, 2015, 169, pp.00970.2015.	4.8	26

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91	The calcium-dependent protein kinase CPK28 negatively regulates the BIK1-mediated PAMP-induced calcium burst. Plant Signaling and Behavior, 2015, 10, e1018497.	2.4	73
92	Targeting of plant pattern recognition receptor-triggered immunity by bacterial type-III secretion system effectors. Current Opinion in Microbiology, 2015, 23, 14-22.	5.1	229
93	Trade-off between growth and immunity: role of brassinosteroids. Trends in Plant Science, 2015, 20, 12-19.	8.8	216
94	The grapevine flagellin receptor Vv<scp>FLS</scp>2 differentially recognizes flagellinâ€derived epitopes from the endophytic growthâ€promoting bacterium <i>Burkholderia phytofirmans</i> and plant pathogenic bacteria. New Phytologist, 2014, 201, 1371-1384.	7.3	147
95	A receptor-like protein mediates the response to pectin modification by activating brassinosteroid signaling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15261-15266.	7.1	143
96	Arabidopsis poly(A) polymerase <scp>PAPS</scp>1 limits founderâ€cell recruitment to organ primordia and suppresses the salicylic acidâ€independent immune response downstream of <scp>EDS</scp>1/<scp>PAD</scp>4. Plant Journal, 2014, 77, 688-699.	5.7	36
97	Mapping mutations in plant genomes with the user-friendly web application CandiSNP. Plant Methods, 2014, 10, 41.	4.3	23
98	Antagonistic Regulation of Growth and Immunity by the Arabidopsis Basic Helix-Loop-Helix Transcription Factor HOMOLOG OF BRASSINOSTEROID ENHANCED EXPRESSION2 INTERACTING WITH INCREASED LEAF INCLINATION1 BINDING bHLH1 Â Â. Plant Physiology, 2014, 164, 1443-1455.	4.8	117
99	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. Science, 2014, 343, 1509-1512.	12.6	152
100	The Leucine-Rich Repeat Receptor Kinase BIR2 Is a Negative Regulator of BAK1 in Plant Immunity. Current Biology, 2014, 24, 134-143.	3.9	219
101	The Leucine-Rich Repeat Receptor-Like Kinase BRASSINOSTEROID INSENSITIVE1-ASSOCIATED KINASE1 and the Cytochrome P450 PHYTOALEXIN DEFICIENT3 Contribute to Innate Immunity to Aphids in Arabidopsis Â Â Â. Plant Physiology, 2014, 164, 2207-2219.	4.8	132
102	The Calcium-Dependent Protein Kinase CPK28 Buffers Plant Immunity and Regulates BIK1 Turnover. Cell Host and Microbe, 2014, 16, 605-615.	11.0	208
103	Negative control of <scp>BAK</scp>1 by protein phosphatase 2A during plant innate immunity. EMBO Journal, 2014, 33, 2069-2079.	7.8	138
104	Methods to Study PAMP-Triggered Immunity in <i>Brassica</i> Species. Molecular Plant-Microbe Interactions, 2014, 27, 286-295.	2.6	60
105	Direct Regulation of the NADPH Oxidase RBOHD by the PRR-Associated Kinase BIK1 during Plant Immunity. Molecular Cell, 2014, 54, 43-55.	9.7	744
106	Plant PRRs and the Activation of Innate Immune Signaling. Molecular Cell, 2014, 54, 263-272.	9.7	798
107	Plant pattern-recognition receptors. Trends in Immunology, 2014, 35, 345-351.	6.8	847
108	Structural Basis for flg22-Induced Activation of the <i>Arabidopsis</i> FLS2-BAK1 Immune Complex. Science, 2013, 342, 624-628.	12.6	604

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109	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.	3.4	129
110	Combined roles of ethylene and endogenous peptides in regulating plant immunity and growth. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5748-5749.	7.1	23
111	Specialized Roles of the Conserved Subunit OST3/6 of the Oligosaccharyltransferase Complex in Innate Immunity and Tolerance to Abiotic Stresses Â Â. Plant Physiology, 2013, 162, 24-38.	4.8	48
112	<i>Arabidopsis</i>RECEPTOR-LIKE PROTEIN30 and Receptor-Like Kinase SUPPRESSOR OF BIR1-1/EVERSHED Mediate Innate Immunity to Necrotrophic Fungi Â. Plant Cell, 2013, 25, 4227-4241.	6.6	265
113	Pseudomonas HopU1 modulates plant immune receptor levels by blocking the interaction of their mRNAs with GRP7. EMBO Journal, 2013, 32, 701-712.	7.8	145
114	The transcriptional regulator BZR1 mediates trade-off between plant innate immunity and growth. ELife, 2013, 2, e00983.	6.0	208
115	The Shoot Apical Meristem Regulatory Peptide CLV3 Does Not Activate Innate Immunity. Plant Cell, 2012, 24, 3186-3192.	6.6	35
116	Tackling Drought Stress: RECEPTOR-LIKE KINASES Present New Approaches. Plant Cell, 2012, 24, 2262-2278.	6.6	155
117	ASPARTATE OXIDASE Plays an Important Role in Arabidopsis Stomatal Immunity Â Â. Plant Physiology, 2012, 159, 1845-1856.	4.8	129
118	Effector Biology of Plant-Associated Organisms: Concepts and Perspectives. Cold Spring Harbor Symposia on Quantitative Biology, 2012, 77, 235-247.	1.1	355
119	Brassinosteroids inhibit pathogen-associated molecular patternâ€"triggered immune signaling independent of the receptor kinase BAK1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 303-308.	7.1	303
120	Receptor Kinase Interactions: Complexity of Signalling. Signaling and Communication in Plants, 2012, , 145-172.	0.7	3
121	Plant pattern recognition receptor complexes at the plasma membrane. Current Opinion in Plant Biology, 2012, 15, 349-357.	7.1	626
122	Activation of plant pattern-recognition receptors by bacteria. Current Opinion in Microbiology, 2011, 14, 54-61.	5.1	264
123	The Receptor-Like Kinase SERK3/BAK1 Is Required for Basal Resistance against the Late Blight Pathogen Phytophthora infestans in Nicotiana benthamiana. PLoS ONE, 2011, 6, e16608.	2.5	170
124	The <i>Arabidopsis</i> Leucine-Rich Repeat Receptorâ€"Like Kinases BAK1/SERK3 and BKK1/SERK4 Are Required for Innate Immunity to Hemibiotrophic and Biotrophic Pathogens. Plant Cell, 2011, 23, 2440-2455.	6.6	578
125	Î²-N-Acetylhexosaminidases HEXO1 and HEXO3 Are Responsible for the Formation of Paucimannosidic N-Glycans in Arabidopsis thaliana. Journal of Biological Chemistry, 2011, 286, 10793-10802.	3.4	69
126	Cell Wall Damage-Induced Lignin Biosynthesis Is Regulated by a Reactive Oxygen Species- and Jasmonic Acid-Dependent Process in Arabidopsis Â Â Â. Plant Physiology, 2011, 156, 1364-1374.	4.8	382

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127	Cautionary Notes on the Use of C-Terminal BAK1 Fusion Proteins for Functional Studies. Plant Cell, 2011, 23, 3871-3878.	6.6	60
128	Hierarchy and Roles of Pathogen-Associated Molecular Pattern-Induced Responses in <i>Nicotiana benthamiana</i> Â Â. Plant Physiology, 2011, 156, 687-699.	4.8	185
129	Phosphorylation-Dependent Differential Regulation of Plant Growth, Cell Death, and Innate Immunity by the Regulatory Receptor-Like Kinase BAK1. PLoS Genetics, 2011, 7, e1002046.	3.5	439
130	Interfamily transfer of a plant pattern-recognition receptor confers broad-spectrum bacterial resistance. Nature Biotechnology, 2010, 28, 365-369.	17.5	464
131	Lazarus1, a DUF300 Protein, Contributes to Programmed Cell Death Associated with Arabidopsis acd11 and the Hypersensitive Response. PLoS ONE, 2010, 5, e12586.	2.5	25
132	Pathogen-Associated Molecular Pattern-Triggered Immunity: Veni, Vidiâ€¦?. Plant Physiology, 2010, 154, 551-554.	4.8	206
133	Direct transcriptional control of the <i>Arabidopsis</i> immune receptor FLS2 by the ethylene-dependent transcription factors EIN3 and EIL1. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14502-14507.	7.1	218
134	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.	7.1	241
135	Early molecular events in PAMP-triggered immunity. Current Opinion in Plant Biology, 2009, 12, 414-420.	7.1	424
136	Control of the pattern-recognition receptor EFR by an ER protein complex in plant immunity. EMBO Journal, 2009, 28, 3428-3438.	7.8	267
137	Recent Advances in PAMP-Triggered Immunity against Bacteria: Pattern Recognition Receptors Watch over and Raise the Alarm. Plant Physiology, 2009, 150, 1638-1647.	4.8	308
138	Pattern-recognition receptors in plant innate immunity. Current Opinion in Immunology, 2008, 20, 10-16.	5.5	555
139	Plant Immunity: AvrPto Targets the Frontline. Current Biology, 2008, 18, R218-R220.	3.9	48
140	News from the frontline: recent insights into PAMP-triggered immunity in plants. Current Opinion in Plant Biology, 2008, 11, 389-395.	7.1	267
141	A Genome-Wide Functional Investigation into the Roles of Receptor-Like Proteins in Arabidopsis Â Â. Plant Physiology, 2008, 147, 503-517.	4.8	266
142	A flagellin-induced complex of the receptor FLS2 and BAK1 initiates plant defence. Nature, 2007, 448, 497-500.	27.8	1,619
143	Perception of the Bacterial PAMP EF-Tu by the Receptor EFR Restricts Agrobacterium-Mediated Transformation. Cell, 2006, 125, 749-760.	28.9	1,658
144	Transgeneration memory of stress in plants. Nature, 2006, 442, 1046-1049.	27.8	557

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145	Plants and animals: a different taste for microbes?. Current Opinion in Plant Biology, 2005, 8, 353-360.	7.1	349
146	The N Terminus of Bacterial Elongation Factor Tu Elicits Innate Immunity in Arabidopsis Plants. Plant Cell, 2004, 16, 3496-3507.	6.6	780
147	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.	4.8	562
148	Bacterial disease resistance in Arabidopsis through flagellin perception. Nature, 2004, 428, 764-767.	27.8	1,487
149	TTL Proteins Scaffold Brassinosteroid Signaling Components at the Plasma Membrane to Optimize Signal Transduction in Plant Cells. SSRN Electronic Journal, 0, , .	0.4	0
150	Perception of a conserved family of plant signalling peptides by the receptor kinase HSL3. ELife, 0, 11, .	6.0	20