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## The plant immune system

**DOI: 10.1038/nature05286**  
**Nature, 2006, 444, 323-9.**

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2208	Analysis of organ-specific responses of <i>Pinus sylvestris</i> to shoot ( <i>Gremmeniella abietina</i> ) and root ( <i>Heterobasidion annosum</i> ) pathogens. <b>2006</b> , 69, 140-152		14
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2015	Durable resistance to wheat stem rust needed. <b>2008</b> , 11, 187-92	77
2014	<i>Arabidopsis</i> non-host resistance to powdery mildews. <b>2008</b> , 11, 404-11	131
2013	Oomycete RXLR effectors: delivery, functional redundancy and durable disease resistance. <b>2008</b> , 11, 373-9	125

2012	Enzyme-inhibitor interactions at the plant-pathogen interface. <b>2008</b> , 11, 380-8	103
2011	Evolution of prokaryotic and eukaryotic virulence effectors. <b>2008</b> , 11, 412-9	63
2010	Controlling hormone signaling is a plant and pathogen challenge for growth and survival. <b>2008</b> , 11, 420-7	129
2009	News from the frontline: recent insights into PAMP-triggered immunity in plants. <b>2008</b> , 11, 389-95	231
2008	Phytopathogen type III effector weaponry and their plant targets. <b>2008</b> , 11, 396-403	240
2007	Environmental protection: applying the precautionary principle and proactive regulation to biotechnology. <b>2008</b> , 26, 460-7	6
2006	Biosynthesis of secondary metabolites in the rice blast fungus <i>Magnaporthe grisea</i> : the role of hybrid PKS-NRPS in pathogenicity. <b>2008</b> , 112, 207-15	84
2005	A genome-wide meta-analysis of rice blast resistance genes and quantitative trait loci provides new insights into partial and complete resistance. <b>2008</b> , 21, 859-68	248
2004	Microtubules and Pathogen Defence. <b>2007</b> , 121-140	8
2003	Functional Markers in Resistance Breeding. <b>2008</b> , 61-87	17
2002	Effector genomics accelerates discovery and functional profiling of potato disease resistance and <i>Phytophthora infestans</i> avirulence genes. <b>2008</b> , 3, e2875	287
2001	Induced Resistance [Orchestrating Defence Mechanisms through Crosstalk and Priming. 334-370	1
2000	Role of Plant Secondary Metabolites at the Host-Pathogen Interface. 220-260	3
1999	Marshalling the Troops: Intracellular Dynamics in Plant Pathogen Defense. 177-219	
1998	Genome Biology Cracks Enigmas of Oomycete Plant Pathogens. 102-133	
1997	Fungal and Oomycete Biotrophy. 77-101	
1996	<i>Pseudomonas Syringae</i> Type III-Secreted Proteins and their Activities and Effects on Plant Innate Immunity. 48-76	
1995	Pathogen-Associated Molecular Patterns (PAMP) and PAMP-Triggered Immunity. 16-47	3

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1993	Resistance proteins: scouts of the plant innate immune system. <b>2007</b> , 243-255	0
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1990	<i>Pseudomonas syringae</i> Pathovars and Related Pathogens Identification, Epidemiology and Genomics. <b>2008</b> ,	5
1989	Bacterial pathogens encode suppressors of RNA-mediated silencing. <b>2008</b> , 9, 237	10
1988	Nuclear pre-mRNA Processing in Plants. <b>2008</b> ,	3
1987	Role of stomata in plant innate immunity and foliar bacterial diseases. <b>2008</b> , 46, 101-22	458
1986	Lr34-mediated leaf rust resistance in wheat: transcript profiling reveals a high energetic demand supported by transient recruitment of multiple metabolic pathways. <b>2008</b> , 21, 1515-27	78
1985	ARCHIPELAGO: a dedicated resource for exploiting past, present, and future genomic data on disease resistance regulation in rice. <b>2008</b> , 21, 869-78	27
1984	Accommodation of powdery mildew fungi in intact plant cells. <b>2008</b> , 165, 5-18	54
1983	Root-knot nematodes manipulate plant cell functions during a compatible interaction. <b>2008</b> , 165, 104-13	172
1982	Strategies of attack and defense in plant-oomycete interactions, accentuated for <i>Phytophthora parasitica</i> Dastur (syn. <i>P. Nicotianae</i> Breda de Haan). <b>2008</b> , 165, 83-94	33
1981	A combinatory approach for analysis of protein sets in barley sieve-tube samples using EDTA-facilitated exudation and aphid stylectomy. <b>2008</b> , 165, 95-103	34
1980	The 185/333 gene family is a rapidly diversifying host-defense gene cluster in the purple sea urchin <i>Strongylocentrotus purpuratus</i> . <b>2008</b> , 379, 912-28	32
1979	Plant pathogenic bacterial type III effectors subdue host responses. <b>2008</b> , 11, 179-85	138
1978	The NLR gene family: a standard nomenclature. <b>2008</b> , 28, 285-7	618
1977	A putative colR(XC1049)-colS(XC1050) two-component signal transduction system in <i>Xanthomonas campestris</i> positively regulates hrpC and hrpE operons and is involved in virulence, the hypersensitive response and tolerance to various stresses. <b>2008</b> , 159, 569-78	38

1976	Ecological costs of biotrophic versus necrotrophic pathogen resistance, the hypersensitive response and signal transduction. <b>2008</b> , 174, 551-556	57
1975	The early organelle migration response of <i>Arabidopsis</i> to <i>Hyaloperonospora arabidopsidis</i> is independent of RAR1, SGT1b, PAD4 and NPR1. <b>2008</b> , 72, 96-101	4
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1973	Induced resistance in tomato plants to the toxin-dependent necrotrophic pathogen <i>Alternaria alternata</i> . <b>2008</b> , 73, 67-77	17
1972	Moving targets: rapid evolution of oomycete effectors. <b>2008</b> , 16, 507-10	14
1971	The Type III secretion system of <i>Xanthomonas fuscans</i> subsp. <i>fuscans</i> is involved in the phyllosphere colonization process and in transmission to seeds of susceptible beans. <b>2008</b> , 74, 2669-78	49
1970	Powdery mildew induces defense-oriented reprogramming of the transcriptome in a susceptible but not in a resistant grapevine. <b>2008</b> , 146, 236-49	197
1969	Fungal effector protein AVR2 targets diversifying defense-related cys proteases of tomato. <b>2008</b> , 20, 1169-83	187
1968	Siderophores in fungal physiology and virulence. <b>2008</b> , 46, 149-87	295
1967	Genetics of avirulence genes in <i>Blumeria graminis</i> f.sp. <i>hordei</i> and physical mapping of AVR(a22) and AVR(a12). <b>2008</b> , 45, 243-52	16
1966	Two novel <i>Venturia inaequalis</i> genes induced upon morphogenetic differentiation during infection and in vitro growth on cellophane. <b>2008</b> , 45, 1329-39	24
1965	Comparative study of genes expressed from rice fungus-resistant and susceptible lines during interactions with <i>Magnaporthe oryzae</i> . <b>2008</b> , 427, 80-5	7
1964	Chloroplastic protein NRIP1 mediates innate immune receptor recognition of a viral effector. <b>2008</b> , 132, 449-62	275
1963	The impact of <i>Arabidopsis</i> on human health: diversifying our portfolio. <b>2008</b> , 133, 939-43	79
1962	CRT1, an <i>Arabidopsis</i> ATPase that interacts with diverse resistance proteins and modulates disease resistance to turnip crinkle virus. <b>2008</b> , 3, 48-57	63
1961	R protein activation: another player revealed. <b>2008</b> , 3, 9-10	2
1960	Bacterial effectors target the common signaling partner BAK1 to disrupt multiple MAMP receptor-signaling complexes and impede plant immunity. <b>2008</b> , 4, 17-27	410
1959	Stabbing in the BAK--an original target for avirulence genes of plant pathogens. <b>2008</b> , 4, 5-7	3

1958	Molecular diversity at the plant-pathogen interface. <b>2008</b> , 32, 736-44	57
1957	A new era for innate immunity. <b>2008</b> , 36, 164-175	3
1956	Activation of the indole-3-acetic acid-amido synthetase GH3-8 suppresses expansin expression and promotes salicylate- and jasmonate-independent basal immunity in rice. <b>2008</b> , 20, 228-40	405
1955	Activation of defense response pathways by OGs and Flg22 elicitors in Arabidopsis seedlings. <b>2008</b> , 1, 423-45	311
1954	Mutation of a gene in the fungus <i>Leptosphaeria maculans</i> allows increased frequency of penetration of stomatal apertures of <i>Arabidopsis thaliana</i> . <b>2008</b> , 1, 471-81	20
1953	Gene networks in <i>Arabidopsis thaliana</i> for metabolic and environmental functions. <b>2008</b> , 4, 199-204	16
1952	<i>Arabidopsis</i> MAPKs: a complex signalling network involved in multiple biological processes. <b>2008</b> , 413, 217-26	534
1951	<i>Pseudomonas syringae</i> pv. tomato DC3000 uses constitutive and apoplast-induced nutrient assimilation pathways to catabolize nutrients that are abundant in the tomato apoplast. <b>2008</b> , 21, 269-82	168
1950	RD19, an <i>Arabidopsis</i> cysteine protease required for RRS1-R-mediated resistance, is relocalized to the nucleus by the <i>Ralstonia solanacearum</i> PopP2 effector. <b>2008</b> , 20, 2252-64	135
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1948	Spontaneous development of a pancreatic exocrine disease in CD28-deficient NOD mice. <b>2008</b> , 180, 7793-803	44
1947	SYMRK, an enigmatic receptor guarding and guiding microbial endosymbioses with plant roots. <b>2008</b> , 105, 4537-8	13
1946	Complex genetics control natural variation in <i>Arabidopsis thaliana</i> resistance to <i>Botrytis cinerea</i> . <b>2008</b> , 180, 2237-50	89
1945	Adaptive evolution has targeted the C-terminal domain of the RXLR effectors of plant pathogenic oomycetes. <b>2008</b> , 3, 251-3	11
1944	Secretory pathways in plant immune responses. <b>2008</b> , 147, 1575-83	95
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1942	Recognition of herbivory-associated molecular patterns. <b>2008</b> , 146, 825-31	207
1941	Stress- and pathogen-induced <i>Arabidopsis</i> WRKY48 is a transcriptional activator that represses plant basal defense. <b>2008</b> , 1, 459-70	104



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1938	Blocking and triggering of plant immunity by <i>Pseudomonas syringae</i> effector AvrPto. <b>2008</b> , 3, 583-5	12
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1936	A role for a menthone reductase in resistance against microbial pathogens in plants. <b>2008</b> , 148, 383-401	62
1935	RAR1 and HSP90 form a complex with Rac/Rop GTPase and function in innate-immune responses in rice. <b>2007</b> , 19, 4035-45	115
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1933	The transcriptional activator Pti4 is required for the recruitment of a repressosome nucleated by repressor SEBF at the potato PR-10a gene. <b>2008</b> , 20, 3136-47	27
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1930	Many or most genes in <i>Arabidopsis</i> transposed after the origin of the order Brassicales. <b>2008</b> , 18, 1924-37	131
1929	AvrAC(Xcc8004), a type III effector with a leucine-rich repeat domain from <i>Xanthomonas campestris</i> pathovar <i>campestris</i> confers avirulence in vascular tissues of <i>Arabidopsis thaliana</i> ecotype Col-0. <b>2008</b> , 190, 343-55	60
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1926	HpaC controls substrate specificity of the <i>Xanthomonas</i> type III secretion system. <b>2008</b> , 4, e1000094	38
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1924	Genomic organization, rapid evolution and meiotic instability of nucleotide-binding-site-encoding genes in a new fruit crop, "chestnut rose". <b>2008</b> , 178, 2081-91	8
1923	The F-box protein ACRE189/ACIF1 regulates cell death and defense responses activated during pathogen recognition in tobacco and tomato. <b>2008</b> , 20, 697-719	116

1922	Detection of immune danger signals by NALP3. <b>2008</b> , 83, 507-11	93
1921	Structure-function analysis of the NB-ARC domain of plant disease resistance proteins. <b>2008</b> , 59, 1383-97	244
1920	Conserved C-terminal motifs required for avirulence and suppression of cell death by <i>Phytophthora sojae</i> effector Avr1b. <b>2008</b> , 20, 1118-33	242
1919	Downstream targets of WRKY33. <b>2008</b> , 3, 1033-4	14
1918	Natural variation in RPS2-mediated resistance among <i>Arabidopsis</i> accessions: correlation between gene expression profiles and phenotypic responses. <b>2007</b> , 19, 4046-60	35
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1915	Salicylic acid and systemic acquired resistance play a role in attenuating crown gall disease caused by <i>Agrobacterium tumefaciens</i> . <b>2008</b> , 146, 703-15	140
1914	Tomato protein kinase 1b mediates signaling of plant responses to necrotrophic fungi and insect herbivory. <b>2008</b> , 20, 1964-83	117
1913	De novo assembly using low-coverage short read sequence data from the rice pathogen <i>Pseudomonas syringae</i> pv. <i>oryzae</i> . <b>2009</b> , 19, 294-305	121
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1908	INSECT IMMUNE RECOGNITION AND SUPPRESSION. <b>2008</b> , 271-294	3
1907	INSECT AND VERTEBRATE IMMUNITY: KEY SIMILARITIES VERSUS DIFFERENCES. <b>2008</b> , 1-23	6
1906	Involvement of the pepper antimicrobial protein CaAMP1 gene in broad spectrum disease resistance. <b>2008</b> , 148, 1004-20	66
1905	Tomato transcriptional changes in response to <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> reveal a role for ethylene in disease development. <b>2008</b> , 146, 1797-809	72

1904	Kinetics of salicylate-mediated suppression of jasmonate signaling reveal a role for redox modulation. <b>2008</b> , 147, 1358-68	268
1903	Herbivores and pathogens on <i>Alnus viridis</i> subsp. <i>fruticosa</i> in Interior Alaska: effects of leaf, tree, and neighbour characteristics on damage levels. <b>2008</b> , 86, 408-421	12
1902	A beta-1,3 glucan sulfate induces resistance in grapevine against <i>Plasmopara viticola</i> through priming of defense responses, including HR-like cell death. <b>2008</b> , 21, 232-43	169
1901	From Guard to Decoy: a new model for perception of plant pathogen effectors. <b>2008</b> , 20, 2009-17	493
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1893	Early responses of tobacco suspension cells to rhizobacterial elicitors of induced systemic resistance. <b>2008</b> , 21, 1609-21	106
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1887	Discovery of ADP-ribosylation and other plant defense pathway elements through expression profiling of four different <i>Arabidopsis</i> - <i>Pseudomonas</i> R-avr interactions. <b>2008</b> , 21, 646-57	47

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1638	Regulation of Secondary Metabolism by Jasmonate Hormones. <b>2009</b> , 181-194	6
1637	Innate immunity in plants: an arms race between pattern recognition receptors in plants and effectors in microbial pathogens. <b>2009</b> , 324, 742-4	684
1636	Emerging concepts in effector biology of plant-associated organisms. <b>2009</b> , 22, 115-22	482
1635	Salicylic Acid, a multifaceted hormone to combat disease. <b>2009</b> , 47, 177-206	1555

1634	The roles of TLRs, RLRs and NLRs in pathogen recognition. <b>2009</b> , 21, 317-37	1113
1633	Exploiting knowledge of R/Avr genes to rapidly clone a new LZ-NBS-LRR family of late blight resistance genes from potato linkage group IV. <b>2009</b> , 22, 630-41	150
1632	Xanthomonas T3S Effector XopN Suppresses PAMP-Triggered Immunity and Interacts with a Tomato Atypical Receptor-Like Kinase and TFT1. <b>2009</b> , 21, 1305-23	133
1631	Signaling and Cell Walls. <b>2009</b> , 173-193	3
1630	Vesicle Trafficking in Plant Pathogen Defence. <b>2009</b> , 287-301	2
1629	The Uredinales: Cytology, Biochemistry, and Molecular Biology. <b>2009</b> , 69-98	19
1628	Chapter 11 Glutaredoxins in Development and Stress Responses of Plants. <b>2009</b> , 333-361	9
1627	Chapter 7 Plant Growth-Promoting Actions of Rhizobacteria. <b>2009</b> , 283-320	97
1626	Chapter 5 Systemic Acquired Resistance. <b>2009</b> , 173-222	51
1625	To nibble at plant resistance proteins. <b>2009</b> , 324, 744-6	122
1624	Callose in Biotic Stress (Pathogenesis). <b>2009</b> , 525-562	5
1623	Poplar and Pathogen Interactions: Insights from Populus Genome-Wide Analyses of Resistance and Defense Gene Families and Gene Expression Profiling. <b>2009</b> , 28, 309-334	81
1622	The Sebacinoid Fungus Piriformospora indica: an Orchid Mycorrhiza Which May Increase Host Plant Reproduction and Fitness. <b>2009</b> , 99-112	15
1621	Gene for Gene Models and Beyond: the Cladosporium fulvum-Tomato Pathosystem. <b>2009</b> , 135-156	12
1620	Defence Responses in Plants. <b>2009</b> , 363-385	
1619	Signal Perception and Transduction in Plants. <b>2009</b> , 337-361	1
1618	Plant Sphingolipids: Structure, Synthesis and Function. <b>2009</b> , 77-115	29
1617	Reactive Oxygen Species in Plant-Pathogen Interactions. <b>2009</b> , 113-133	38

1616	The majority of the type III effector inventory of <i>Pseudomonas syringae</i> pv. tomato DC3000 can suppress plant immunity. <b>2009</b> , 22, 1069-80	186
1615	Reactive Oxygen Species in Plant Signaling. <b>2009</b> ,	25
1614	The HSP90-SGT1 chaperone complex for NLR immune sensors. <b>2009</b> , 60, 139-64	279
1613	Too much of a good thing? Hybrid necrosis as a by-product of plant immune system diversification. <b>2009</b> , 87, 1013-1022	23
1612	Chapter 6 Rhizobacteria-Induced Systemic Resistance. <b>2009</b> , 223-281	147
1611	Chapter 10 Transcriptional Regulation of Plant Defense Responses. <b>2009</b> , 51, 397-438	28
1610	Plant-Environment Interactions. <b>2009</b> ,	12
1609	Signaling in Plants. <b>2009</b> ,	1
1608	Apoplastic effectors secreted by two unrelated eukaryotic plant pathogens target the tomato defense protease Rcr3. <b>2009</b> , 106, 1654-9	204
1607	Ca <sup>2+</sup> , cAMP, and transduction of non-self perception during plant immune responses. <b>2009</b> , 106, 20995-1000	107
1606	Arabidopsis defense response against <i>Pseudomonas syringae</i> - Effects of major regulatory genes and the impact of coronatine. <b>2009</b> ,	
1605	Systemic Signalling in Plant Defence. <b>2009</b> ,	
1604	Recent advances in PAMP-triggered immunity against bacteria: pattern recognition receptors watch over and raise the alarm. <b>2009</b> , 150, 1638-47	251
1603	Chapter 11 Unexpected Turns and Twists in Structure/Function of PR-Proteins that Connect Energy Metabolism and Immunity. <b>2009</b> , 51, 439-489	13
1602	Rice Pi5-mediated resistance to <i>Magnaporthe oryzae</i> requires the presence of two coiled-coil-nucleotide-binding-leucine-rich repeat genes. <b>2009</b> , 181, 1627-38	201
1601	Lifestyles of the effector rich: genome-enabled characterization of bacterial plant pathogens. <b>2009</b> , 150, 1623-30	25
1600	New adjuvants: from empiricism to science. <b>2009</b> , 8, 1333-7	1
1599	The evolution of <i>Pseudomonas syringae</i> host specificity and type III effector repertoires. <b>2009</b> , 10, 767-75	69

1598	Bacterial rhamnolipids are novel MAMPs conferring resistance to <i>Botrytis cinerea</i> in grapevine. <b>2009</b> , 32, 178-193	159
1597	Plant-pathogen interactions: a view from the evolutionary basement. <b>2009</b> , 183, 237-239	7
1596	In the trenches of plant pathogen recognition: Role of NB-LRR proteins. <b>2009</b> , 20, 1017-24	47
1595	<i>Ustilago maydis</i> as a Pathogen. <b>2009</b> , 47, 423-45	250
1594	Chapter 1 PAMP-Triggered Basal Immunity in Plants. <b>2009</b> , 1-38	20
1593	Bias in plant gene content following different sorts of duplication: tandem, whole-genome, segmental, or by transposition. <b>2009</b> , 60, 433-53	563
1592	Fungal effector proteins. <b>2009</b> , 47, 233-63	572
1591	Plant Innate Immunity. <b>2009</b> ,	3
1590	Diversity and composition of viral communities: coinfection of barley and cereal yellow dwarf viruses in California grasslands. <b>2009</b> , 173, E79-98	46
1589	Transcriptome profiling in hybrid poplar following interactions with <i>Melampsora rust</i> fungi. <b>2009</b> , 22, 190-200	68
1588	Recognition events and host-pathogen co-evolution in gene-for-gene resistance to flax rust. <b>2009</b> , 36, 395-408	39
1587	UNDERSTANDING PLANT RESPONSES TO BIOTIC STRESS: ONGOING RESEARCH IN MUSA. <b>2009</b> , 255-272	2
1586	Investigating the functions of the RIN4 protein complex during plant innate immune responses. <b>2009</b> , 4, 1107-10	26
1585	Modulating host homeostasis as a strategy in the plant-pathogen arms race. <b>2009</b> , 2, 89-90	15
1584	<i>Arabidopsis</i> extra large G-protein 2 (XLG2) interacts with the Gbeta subunit of heterotrimeric G protein and functions in disease resistance. <b>2009</b> , 2, 513-25	77
1583	Pathogenesis in Mosses. 298-338	
1582	Distinct amino acids of the <i>Phytophthora infestans</i> effector AVR3a condition activation of R3a hypersensitivity and suppression of cell death. <b>2009</b> , 22, 269-81	59
1581	The Zur of <i>Xanthomonas campestris</i> is involved in hypersensitive response and positively regulates the expression of the hrp cluster via hrpX but not hrpG. <b>2009</b> , 22, 321-9	50

1580	Are grapevine stomata involved in the elicitor-induced protection against downy mildew?. <b>2009</b> , 22, 977-86	59
1579	Serine palmitoyltransferase, the first step enzyme in sphingolipid biosynthesis, is involved in nonhost resistance. <b>2009</b> , 22, 31-8	33
1578	A draft genome sequence of <i>Pseudomonas syringae</i> pv. tomato T1 reveals a type III effector repertoire significantly divergent from that of <i>Pseudomonas syringae</i> pv. tomato DC3000. <b>2009</b> , 22, 52-62	109
1577	AGB1 and PMR5 contribute to PEN2-mediated preinvasion resistance to <i>Magnaporthe oryzae</i> in <i>Arabidopsis thaliana</i> . <b>2009</b> , 22, 1331-40	57
1576	<i>Pseudomonas syringae</i> pv. tomato DC3000 type III effector HopAA1-1 functions redundantly with chlorosis-promoting factor PSPTO4723 to produce bacterial speck lesions in host tomato. <b>2009</b> , 22, 1341-55	27
1575	The pepper calmodulin gene CaCaM1 is involved in reactive oxygen species and nitric oxide generation required for cell death and the defense response. <b>2009</b> , 22, 1389-400	54
1574	Functional contribution of chorismate synthase, anthranilate synthase, and chorismate mutase to penetration resistance in barley-powdery mildew interactions. <b>2009</b> , 22, 311-20	39
1573	A secreted SPRY domain-containing protein (SPRYSEC) from the plant-parasitic nematode <i>Globodera rostochiensis</i> interacts with a CC-NB-LRR protein from a susceptible tomato. <b>2009</b> , 22, 330-40	86
1572	Regulation of tomato Prf by Pto-like protein kinases. <b>2009</b> , 22, 391-401	41
1571	Two type III secretion system effectors from <i>Ralstonia solanacearum</i> GMI1000 determine host-range specificity on tobacco. <b>2009</b> , 22, 538-50	103
1570	Nitric oxide as a partner of reactive oxygen species participates in disease resistance to necrotrophic pathogen <i>Botrytis cinerea</i> in <i>Nicotiana benthamiana</i> . <b>2009</b> , 22, 619-29	144
1569	A host-selective toxin of <i>Pyrenophora tritici-repentis</i> , Ptr ToxA, induces photosystem changes and reactive oxygen species accumulation in sensitive wheat. <b>2009</b> , 22, 665-76	66
1568	Molecular characterization and functional analysis of MgNLP, the sole NPP1 domain-containing protein, from the fungal wheat leaf pathogen <i>Mycosphaerella graminicola</i> . <b>2009</b> , 22, 790-9	103
1567	Multiple R-like genes are negatively regulated by BON1 and BON3 in arabidopsis. <b>2009</b> , 22, 840-8	44
1566	Repeat-induced point mutation (RIP) as an alternative mechanism of evolution toward virulence in <i>Leptosphaeria maculans</i> . <b>2009</b> , 22, 932-41	108
1565	Partial resistance of <i>Medicago truncatula</i> to <i>Aphanomyces euteiches</i> is associated with protection of the root stele and is controlled by a major QTL rich in proteasome-related genes. <b>2009</b> , 22, 1043-55	62
1564	Disease-specific expression of host genes during downy mildew infection of <i>Arabidopsis</i> . <b>2009</b> , 22, 1104-15	38
1563	NLRs: Nucleotide-Binding Domain and Leucine-Rich-Repeat-Containing Proteins. <b>2009</b> , 3,	1

1562	Identification of six type III effector genes with the PIP box in <i>Xanthomonas campestris</i> pv. <i>campestris</i> and five of them contribute individually to full pathogenicity. <b>2009</b> , 22, 1401-11	47
1561	Assay for pathogen-associated molecular pattern (PAMP)-triggered immunity (PTI) in plants. <b>2009</b> ,	8
1560	Affinity Purification and Mass Spectrometry: An Attractive Choice to Investigate Protein-Protein Interactions in Plant Immunity. <b>2010</b> , 7, 258-264	3
1559	The role of oomycete effectors in plant - pathogen interactions. <b>2010</b> , 37, 919	28
1558	The <i>Arabidopsis</i> downy mildew resistance gene RPP8 is induced by pathogens and salicylic acid and is regulated by W box cis elements. <b>2010</b> , 23, 1303-15	60
1557	<i>Pseudomonas syringae</i> virulence factor syringolin A counteracts stomatal immunity by proteasome inhibition. <b>2010</b> , 23, 1287-93	80
1556	A putative RNA-binding protein positively regulates salicylic acid-mediated immunity in <i>Arabidopsis</i> . <b>2010</b> , 23, 1573-83	36
1555	All hands on deck: The role of chloroplasts, endoplasmic reticulum, and the nucleus in driving plant innate immunity. <b>2010</b> , 23, 1368-80	70
1554	Confocal imaging of <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> colony development in bean reveals reduced multiplication of strains containing the genomic island PPHGI-1. <b>2010</b> , 23, 1294-302	17
1553	Stem rust spores elicit rapid RPG1 phosphorylation. <b>2010</b> , 23, 1635-42	40
1552	Morphological and molecular analyses of host and nonhost interactions involving barley and wheat and the covered smut pathogen <i>Ustilago hordei</i> . <b>2010</b> , 23, 1619-34	15
1551	Altering expression of benzoic acid/salicylic acid carboxyl methyltransferase 1 compromises systemic acquired resistance and PAMP-triggered immunity in <i>Arabidopsis</i> . <b>2010</b> , 23, 82-90	72
1550	Identification and functional analysis of type III effector proteins in <i>Mesorhizobium loti</i> . <b>2010</b> , 23, 223-34	52
1549	Viral-induced systemic necrosis in plants involves both programmed cell death and the inhibition of viral multiplication, which are regulated by independent pathways. <b>2010</b> , 23, 283-93	89
1548	Molecular and evolutionary analyses of <i>Pseudomonas syringae</i> pv. <i>tomato</i> race 1. <b>2010</b> , 23, 415-24	43
1547	Diversity at the <i>Mla</i> powdery mildew resistance locus from cultivated barley reveals sites of positive selection. <b>2010</b> , 23, 497-509	123
1546	Wounding-induced WRKY8 is involved in basal defense in <i>Arabidopsis</i> . <b>2010</b> , 23, 558-65	100
1545	Components of the <i>Pseudomonas syringae</i> type III secretion system can suppress and may elicit plant innate immunity. <b>2010</b> , 23, 727-39	57



1526	Expression profiling of a complex thaumatin-like protein family in western white pine. <b>2010</b> , 231, 637-51	43
1525	Tomato yellow leaf curl virus infection of a resistant tomato line with a silenced sucrose transporter gene LeHT1 results in inhibition of growth, enhanced virus spread, and necrosis. <b>2010</b> , 231, 537-48	31
1524	A chemical screen for suppressors of the avrRpm1-RPM1-dependent hypersensitive cell death response in <i>Arabidopsis thaliana</i> . <b>2010</b> , 231, 1013-23	23
1523	A functional EDS1 ortholog is differentially regulated in powdery mildew resistant and susceptible grapevines and complements an <i>Arabidopsis eds1</i> mutant. <b>2010</b> , 231, 1037-47	36
1522	Chitooligosaccharide sensing and downstream signaling: contrasted outcomes in pathogenic and beneficial plant-microbe interactions. <b>2010</b> , 232, 787-806	103
1521	Salicylate-mediated suppression of jasmonate-responsive gene expression in <i>Arabidopsis</i> is targeted downstream of the jasmonate biosynthesis pathway. <b>2010</b> , 232, 1423-32	181
1520	Role of the pepper cytochrome P450 gene CaCYP450A in defense responses against microbial pathogens. <b>2010</b> , 232, 1409-21	20
1519	Gain of deleterious function causes an autoimmune response and Bateson-Dobzhansky-Muller incompatibility in rice. <b>2010</b> , 283, 305-15	95
1518	Unique evolutionary pattern of numbers of gramineous NBS-LRR genes. <b>2010</b> , 283, 427-38	107
1517	Germin-like proteins (GLPs) in cereal genomes: gene clustering and dynamic roles in plant defence. <b>2010</b> , 10, 463-76	54
1516	Haplotype diversity and molecular evolution of the rice Pikm locus for blast resistance. <b>2010</b> , 76, 37-42	9
1515	Endocytosis in plant-microbe interactions. <b>2010</b> , 247, 177-93	30
1514	Potential Candidate Genes for Improving Rice Disease Resistance. <b>2010</b> , 3, 56-71	34
1513	The Function of Rac Small GTPase and Associated Proteins in Rice Innate Immunity. <b>2010</b> , 3, 112-121	25
1512	Role of Ubiquitination in Plant Innate Immunity and Pathogen Virulence. <b>2010</b> , 53, 10-18	17
1511	Alerted Defense System Attenuates Hypersensitive Response-Associated Cell Death in <i>Arabidopsis siz1</i> Mutant. <b>2010</b> , 53, 70-78	4
1510	Two-component signal transduction systems and regulation of virulence factors in <i>Xanthomonas</i> : a perspective. <b>2010</b> , 5, 495-506	6
1509	Loss of susceptibility as a novel breeding strategy for durable and broad-spectrum resistance. <b>2010</b> , 25, 1-12	214



1508	GhMPK7, a novel multiple stress-responsive cotton group C MAPK gene, has a role in broad spectrum disease resistance and plant development. <b>2010</b> , 74, 1-17	71
1507	Regulation of defence responses in avocado roots infected with <i>Phytophthora cinnamomi</i> (Rands). <b>2010</b> , 331, 45-56	25
1506	Molecular Cloning and Characterization of a <i>Brassica napus</i> L. MAP Kinase Involved in Oligochitosan-Induced Defense Signaling. <b>2010</b> , 28, 292-301	37
1505	Spectral signatures of sugar beet leaves for the detection and differentiation of diseases. <b>2010</b> , 11, 413-431	166
1504	Photosynthetic and respiratory changes in leaves of poplar elicited by rust infection. <b>2010</b> , 104, 41-8	49
1503	Fitness cost of virulence differs between the <i>AvrLm1</i> and <i>AvrLm4</i> loci in <i>Leptosphaeria maculans</i> (phoma stem canker of oilseed rape). <b>2010</b> , 126, 279-291	40
1502	Resistance to <i>Meloidogyne incognita</i> expresses a hypersensitive-like response in <i>Coffea arabica</i> . <b>2010</b> , 127, 365-373	25
1501	Rheological properties of natural waters with regard to plankton thin layers. A short review. <b>2010</b> , 83, 287-297	21
1500	Ubiquitination in plant immunity. <b>2010</b> , 13, 402-8	133
1499	Bacterial virulence effectors and their activities. <b>2010</b> , 13, 388-93	70
1498	Comparing signaling mechanisms engaged in pattern-triggered and effector-triggered immunity. <b>2010</b> , 13, 459-65	490
1497	NB-LRR proteins: pairs, pieces, perception, partners, and pathways. <b>2010</b> , 13, 472-7	246
1496	Plant immune system incompatibility and the distribution of enemies in natural hybrid zones. <b>2010</b> , 13, 466-71	20
1495	New developments in pathogenicity and virulence of necrotrophs. <b>2010</b> , 13, 415-415	149
1494	Phylogenetic analyses of peanut resistance gene candidates and screening of different genotypes for polymorphic markers. <b>2010</b> , 17, 43-9	5
1493	NLR sensors meet at the SGT1-HSP90 crossroad. <b>2010</b> , 35, 199-207	132
1492	General and species-specific transcriptional responses to downy mildew infection in a susceptible ( <i>Vitis vinifera</i> ) and a resistant ( <i>V. riparia</i> ) grapevine species. <b>2010</b> , 11, 117	127
1491	Comparative analysis of secreted protein evolution using expressed sequence tags from four poplar leaf rusts ( <i>Melampsora</i> spp.). <b>2010</b> , 11, 422	55

1490	An improved, high-quality draft genome sequence of the Germination-Arrest Factor-producing <i>Pseudomonas fluorescens</i> WH6. <b>2010</b> , 11, 522	46
1489	Resistance loci affecting distinct stages of fungal pathogenesis: use of introgression lines for QTL mapping and characterization in the maize-- <i>Setosphaeria turcica</i> pathosystem. <b>2010</b> , 10, 103	73
1488	Mechanisms of haplotype divergence at the RGA08 nucleotide-binding leucine-rich repeat gene locus in wild banana ( <i>Musa balbisiana</i> ). <b>2010</b> , 10, 149	17
1487	Co-option of EDM2 to distinct regulatory modules in <i>Arabidopsis thaliana</i> development. <b>2010</b> , 10, 203	15
1486	Preformed expression of defense is a hallmark of partial resistance to rice blast fungal pathogen <i>Magnaporthe oryzae</i> . <b>2010</b> , 10, 206	40
1485	<i>Trichoderma viride</i> cellulase induces resistance to the antibiotic pore-forming peptide alamethicin associated with changes in the plasma membrane lipid composition of tobacco BY-2 cells. <b>2010</b> , 10, 274	22
1484	HvCEBiP, a gene homologous to rice chitin receptor CEBiP, contributes to basal resistance of barley to <i>Magnaporthe oryzae</i> . <b>2010</b> , 10, 288	43
1483	Rice hypersensitive induced reaction protein 1 (OsHIR1) associates with plasma membrane and triggers hypersensitive cell death. <b>2010</b> , 10, 290	50
1482	Transcriptional regulation of the CRK/DUF26 group of receptor-like protein kinases by ozone and plant hormones in <i>Arabidopsis</i> . <b>2010</b> , 10, 95	175
1481	Cloning and phylogenetic analyses of serine/threonine kinase class defense-related genes in a wild fruit crop 'chestnut rose'. <b>2010</b> , 3, 202	7
1480	The multifunctional leucine-rich repeat receptor kinase BAK1 is implicated in <i>Arabidopsis</i> development and immunity. <b>2010</b> , 89, 169-74	154
1479	Live and let die-- <i>Arabidopsis</i> nonhost resistance to powdery mildews. <b>2010</b> , 89, 194-9	41
1478	Early detection and classification of plant diseases with Support Vector Machines based on hyperspectral reflectance. <b>2010</b> , 74, 91-99	476
1477	Biocontrol of <i>Rhizoctonia solani</i> and <i>Sclerotium rolfsii</i> on tomato by delivering antagonistic bacteria through a drip irrigation system. <b>2010</b> , 29, 663-670	57
1476	<i>Pseudomonas syringae</i> infection triggers de novo synthesis of phytosphingosine from sphinganine in <i>Arabidopsis thaliana</i> . <b>2010</b> , 584, 4053-6	55
1475	Plant Defense in the Real World: Multiple Attackers and Beneficial Interactions. <b>2010</b> , 125-152	
1474	The Evolution of Plant Defense. <b>2010</b> , 153-200	
1473	Cyclotides are a component of the innate defense of <i>Oldenlandia affinis</i> . <b>2010</b> , 94, 635-46	42

1472	The case for the defense: plants versus <i>Pseudomonas syringae</i> . <b>2010</b> , 12, 428-37	28
1471	Proteomics of the response of <i>Arabidopsis thaliana</i> to infection with <i>Alternaria brassicicola</i> . <b>2010</b> , 73, 709-20	73
1470	Plant stomata: a checkpoint of host immunity and pathogen virulence. <b>2010</b> , 21, 599-603	159
1469	Induced resistance to pests and pathogens in trees. <b>2010</b> , 185, 893-908	194
1468	Virulence of soil-borne pathogens and invasion by <i>Prunus serotina</i> . <b>2010</b> , 186, 484-95	86
1467	Identification of potential early regulators of aphid resistance in <i>Medicago truncatula</i> via transcription factor expression profiling. <b>2010</b> , 186, 980-994	32
1466	The immediate activation of defense responses in <i>Arabidopsis</i> roots is not sufficient to prevent <i>Phytophthora parasitica</i> infection. <b>2010</b> , 187, 449-460	90
1465	Functional characterization of the Xcs and Xps type II secretion systems from the plant pathogenic bacterium <i>Xanthomonas campestris</i> pv <i>vesicatoria</i> . <b>2010</b> , 187, 983-1002	91
1464	Specific resistances against <i>Pseudomonas syringae</i> effectors AvrB and AvrRpm1 have evolved differently in common bean ( <i>Phaseolus vulgaris</i> ), soybean ( <i>Glycine max</i> ), and <i>Arabidopsis thaliana</i> . <b>2010</b> , 187, 941-956	30
1463	Suppression of the AvrBs1-specific hypersensitive response by the YopJ effector homolog AvrBsT from <i>Xanthomonas</i> depends on a SNF1-related kinase. <b>2010</b> , 187, 1058-1074	82
1462	Host-selective toxins, Ptr ToxA and Ptr ToxB, as necrotrophic effectors in the <i>Pyrenophora tritici-repentis</i> -wheat interaction. <b>2010</b> , 187, 911-9	158
1461	The <i>Pseudomonas syringae</i> effector protein HopZ1a suppresses effector-triggered immunity. <b>2010</b> , 187, 1018-1033	33
1460	Activation of basal defense mechanisms of rice plants by <i>Glomus intraradices</i> does not affect the arbuscular mycorrhizal symbiosis. <b>2010</b> , 188, 597-614	40
1459	The use of FLP-mediated recombination for the functional analysis of an effector gene family in the biotrophic smut fungus <i>Ustilago maydis</i> . <b>2010</b> , 187, 957-968	63
1458	The putative RxLR effector protein SpHtp1 from the fish pathogenic oomycete <i>Saprolegnia parasitica</i> is translocated into fish cells. <b>2010</b> , 310, 127-37	47
1457	Regulation and secretion of <i>Xanthomonas</i> virulence factors. <b>2010</b> , 34, 107-33	314
1456	Ethylene perception via ETR1 is required in <i>Arabidopsis</i> infection by <i>Verticillium dahliae</i> . <b>2010</b> , 11, 191-202	59
1455	The arms race between tomato and <i>Fusarium oxysporum</i> . <b>2010</b> , 11, 309-14	169

1454	Recent progress and understanding of the molecular mechanisms of the rice-Magnaporthe oryzae interaction. <b>2010</b> , 11, 419-27	160
1453	Epigenetic control of plant immunity. <b>2010</b> , 11, 563-76	134
1452	SGT1 positively regulates the process of plant cell death during both compatible and incompatible plant-pathogen interactions. <b>2010</b> , 11, 597-611	34
1451	Cellular and transcriptional responses of wheat during compatible and incompatible race-specific interactions with <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <b>2010</b> , 11, 625-40	39
1450	Lipopolysaccharide mobility in leaf tissue of <i>Arabidopsis thaliana</i> . <b>2010</b> , 11, 747-55	17
1449	Effector-triggered innate immunity contributes <i>Arabidopsis</i> resistance to <i>Xanthomonas campestris</i> . <b>2010</b> , 11, 783-93	10
1448	Natural variation in priming of basal resistance: from evolutionary origin to agricultural exploitation. <b>2010</b> , 11, 817-27	67
1447	The <i>Arabidopsis</i> gene SIGMA FACTOR-BINDING PROTEIN 1 plays a role in the salicylate- and jasmonate-mediated defence responses. <b>2010</b> , 33, 828-39	53
1446	Devil inside: does plant programmed cell death involve the endomembrane system?. <b>2010</b> , 33, 1453-73	48
1445	Structure-function analysis of <i>npr1</i> alleles in <i>Arabidopsis</i> reveals a role for its paralogs in the perception of salicylic acid. <b>2010</b> , 33, 1911-22	56
1444	Physical organization of mixed protease inhibitor gene clusters, coordinated expression and association with resistance to late blight at the <i>StKI</i> locus on potato chromosome III. <b>2010</b> , 33, 2149-61	22
1443	Identification of tomato phosphatidylinositol-specific phospholipase-C (PI-PLC) family members and the role of PLC4 and PLC6 in HR and disease resistance. <b>2010</b> , 62, 224-39	109
1442	Early signaling through the <i>Arabidopsis</i> pattern recognition receptors FLS2 and EFR involves Ca-associated opening of plasma membrane anion channels. <b>2010</b> , 62, 367-78	172
1441	The <i>Arabidopsis</i> defense component EDM2 affects the floral transition in an FLC-dependent manner. <b>2010</b> , 62, 518-28	46
1440	Salicylic acid antagonism of EDS1-driven cell death is important for immune and oxidative stress responses in <i>Arabidopsis</i> . <b>2010</b> , 62, 628-40	110
1439	WRKY72-type transcription factors contribute to basal immunity in tomato and <i>Arabidopsis</i> as well as gene-for-gene resistance mediated by the tomato R gene <i>Mi-1</i> . <b>2010</b> , 63, 229-40	142
1438	The metabolic transition during disease following infection of <i>Arabidopsis thaliana</i> by <i>Pseudomonas syringae</i> pv. <i>tomato</i> . <b>2010</b> , 63, 443-57	139
1437	AtCPK1 calcium-dependent protein kinase mediates pathogen resistance in <i>Arabidopsis</i> . <b>2010</b> , 63, 526-40	152

1436	A rice fungal MAMP-responsive MAPK cascade regulates metabolic flow to antimicrobial metabolite synthesis. <b>2010</b> , 63, 599-612	167
1435	Intragenic allele pyramiding combines different specificities of wheat Pm3 resistance alleles. <b>2010</b> , 64, 433-45	58
1434	Catalytic domain of the diversified <i>Pseudomonas syringae</i> type III effector HopZ1 determines the allelic specificity in plant hosts. <b>2010</b> , 76, 437-55	17
1433	Natural allelic variation underlying a major fitness trade-off in <i>Arabidopsis thaliana</i> . <i>Nature</i> , <b>2010</b> , 465, 632-6	50.4 273
1432	Interfamily transfer of a plant pattern-recognition receptor confers broad-spectrum bacterial resistance. <b>2010</b> , 28, 365-9	358
1431	Prf immune complexes of tomato are oligomeric and contain multiple Pto-like kinases that diversify effector recognition. <b>2010</b> , 61, 507-18	89
1430	<i>Arabidopsis</i> and the plant immune system. <b>2010</b> , 61, 1053-66	147
1429	Two LysM receptor molecules, CEBiP and OsCERK1, cooperatively regulate chitin elicitor signaling in rice. <b>2010</b> , 64, 204-14	451
1428	Perception of the chitin oligosaccharides contributes to disease resistance to blast fungus <i>Magnaporthe oryzae</i> in rice. <b>2010</b> , 64, 343-54	98
1427	Elongator subunit 2 is an accelerator of immune responses in <i>Arabidopsis thaliana</i> . <b>2010</b> , 64, 511-23	56
1426	Cell biology: Raiding the sweet shop. <i>Nature</i> , <b>2010</b> , 468, 510-1	50.4 10
1425	Cosmology: geometry of the universe. <i>Nature</i> , <b>2010</b> , 468, 511-2	50.4
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1423	Origin and evolution of the adaptive immune system: genetic events and selective pressures. <b>2010</b> , 11, 47-59	556
1422	Plant immunity: towards an integrated view of plant-pathogen interactions. <b>2010</b> , 11, 539-48	1989
1421	The <i>Pseudomonas syringae</i> type III effector HopG1 targets mitochondria, alters plant development and suppresses plant innate immunity. <b>2010</b> , 12, 318-30	85
1420	LnaB: a <i>Legionella pneumophila</i> activator of NF-kappaB. <b>2010</b> , 12, 1083-97	83
1419	ER quality control of immune receptors and regulators in plants. <b>2010</b> , 12, 716-24	63

1418	Molecular and histochemical characterisation of two distinct poplar <i>Melampsora</i> leaf rust pathosystems. <b>2010</b> , 12, 364-76	16
1417	Effects of systemic potato response to wounding and jasmonate on the aphid <i>Macrosiphum euphorbiae</i> (Sternorrhyncha: Aphididae). <b>2010</b> , 134, 562	16
1416	ROS in biotic interactions. <b>2010</b> , 138, 414-29	594
1415	Are plant pathogen populations adapted for encounter with their host? A case study of phenological synchrony between oak and an obligate fungal parasite along an altitudinal gradient. <b>2010</b> , 23, 87-97	30
1414	. <b>2010</b> ,	26
1413	Fine Mapping of the SCN Resistance Locus <i>rhg1-b</i> from PI 88788. <b>2010</b> , 3,	41
1412	Microbial glycosylated components in plant disease. <b>2010</b> , 803-820	1
1411	Core region and lipid A components of lipopolysaccharides. <b>2010</b> , 29-55	6
1410	Deficiencies in jasmonate-mediated plant defense reveal quantitative variation in <i>Botrytis cinerea</i> pathogenesis. <b>2010</b> , 6, e1000861	103
1409	The <i>Arabidopsis</i> wall associated kinase-like 10 gene encodes a functional guanylyl cyclase and is co-expressed with pathogen defense related genes. <b>2010</b> , 5, e8904	98
1408	Primary metabolism of chickpea is the initial target of wound inducing early sensed <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> race I. <b>2010</b> , 5, e9030	51
1407	Lazarus1, a DUF300 protein, contributes to programmed cell death associated with <i>Arabidopsis</i> <i>acd11</i> and the hypersensitive response. <b>2010</b> , 5, e12586	19
1406	Comparative genome analysis reveals an absence of leucine-rich repeat pattern-recognition receptor proteins in the kingdom Fungi. <b>2010</b> , 5, e12725	28
1405	<i>Arabidopsis</i> MKS1 is involved in basal immunity and requires an intact N-terminal domain for proper function. <b>2010</b> , 5, e14364	50
1404	An induced hypersensitive-like response limits expression of foreign peptides via a recombinant TMV-based vector in a susceptible tobacco. <b>2010</b> , 5, e15087	8
1403	Detection and functional characterization of a 215 amino acid N-terminal extension in the <i>Xanthomonas</i> type III effector <i>XopD</i> . <b>2010</b> , 5, e15773	25
1402	Molecular battles between plant and pathogenic bacteria in the phyllosphere. <b>2010</b> , 43, 698-704	22
1401	Genetic Maps of Stem Rust Resistance Gene <i>Sr35</i> in Diploid and Hexaploid Wheat. <b>2010</b> , 50, 2464-2474	36

1400	AGC kinase OsOxi1 positively regulates basal resistance through suppression of OsPti1a-mediated negative regulation. <b>2010</b> , 51, 1731-44	18
1399	Phytophthora infestans effector AVR3a is essential for virulence and manipulates plant immunity by stabilizing host E3 ligase CMPG1. <b>2010</b> , 107, 9909-14	309
1398	Internalization of flax rust avirulence proteins into flax and tobacco cells can occur in the absence of the pathogen. <b>2010</b> , 22, 2017-32	145
1397	The HEAT repeat protein ILITYHIA is required for plant immunity. <b>2010</b> , 51, 742-53	27
1396	Towards much more efficient biofuel crops - can sugarcane pave the way?. <b>2010</b> , 1, 181-98	22
1395	Association mapping of quantitative disease resistance in a natural population of loblolly pine ( <i>Pinus taeda</i> L.). <b>2010</b> , 186, 677-86	79
1394	Identification of a maize locus that modulates the hypersensitive defense response, using mutant-assisted gene identification and characterization. <b>2010</b> , 184, 813-25	40
1393	Arabidopsis histone methyltransferase SET DOMAIN GROUP8 mediates induction of the jasmonate/ethylene pathway genes in plant defense response to necrotrophic fungi. <b>2010</b> , 154, 1403-14	138
1392	Arabidopsis and relatives as models for the study of genetic and genomic incompatibilities. <b>2010</b> , 365, 1815-23	25
1391	Adaptation of tobacco etch potyvirus to a susceptible ecotype of Arabidopsis thaliana capacitates it for systemic infection of resistant ecotypes. <b>2010</b> , 365, 1997-2007	20
1390	Pathogen-associated molecular pattern-triggered immunity: veni, vidi...?. <b>2010</b> , 154, 551-4	153
1389	The type III effector HopF2Pto targets Arabidopsis RIN4 protein to promote Pseudomonas syringae virulence. <b>2010</b> , 107, 2349-54	118
1388	Intersections between immune responses and morphological regulation in plants. <b>2010</b> , 61, 2539-47	8
1387	CRYPTOCHROME 1 is implicated in promoting R protein-mediated plant resistance to Pseudomonas syringae in Arabidopsis. <b>2010</b> , 3, 539-48	79
1386	Use of the plant defense protein osmotin to identify Fusarium oxysporum genes that control cell wall properties. <b>2010</b> , 9, 558-68	16
1385	On the Evolution of Decoys in Plant Immune Systems. <b>2010</b> , 5, 256-263	2
1384	Ergosterol triggers characteristic elicitation steps in Beta vulgaris leaf tissues. <b>2010</b> , 61, 1807-16	33
1383	An ATPase promotes autophosphorylation of the pattern recognition receptor XA21 and inhibits XA21-mediated immunity. <b>2010</b> , 107, 8029-34	91

1382	Unifying themes in microbial associations with animal and plant hosts described using the gene ontology. <b>2010</b> , 74, 479-503	22
1381	Genome-wide identification of a large repertoire of <i>Ralstonia solanacearum</i> type III effector proteins by a new functional screen. <b>2010</b> , 23, 251-62	98
1380	Comparative Genomics in Crop Plants. <b>2010</b> , 23-61	5
1379	R gene-controlled host specificity in the legume-rhizobia symbiosis. <b>2010</b> , 107, 18735-40	213
1378	Role for a somatically diversified lectin in resistance of an invertebrate to parasite infection. <b>2010</b> , 107, 21087-92	111
1377	Identification of microRNAs involved in pathogen-associated molecular pattern-triggered plant innate immunity. <b>2010</b> , 152, 2222-31	286
1376	Basal host resistance of barley to powdery mildew: connecting quantitative trait Loci and candidate genes. <b>2010</b> , 23, 91-102	85
1375	The multivesicular body-localized GTPase ARFA1b/1c is important for callose deposition and ROR2 syntaxin-dependent preinvasive basal defense in barley. <b>2010</b> , 22, 3831-44	92
1374	Tomato Cf resistance proteins mediate recognition of cognate homologous effectors from fungi pathogenic on dicots and monocots. <b>2010</b> , 107, 7610-5	139
1373	Conserved fungal LysM effector Ecp6 prevents chitin-triggered immunity in plants. <b>2010</b> , 329, 953-5	503
1372	BAX INHIBITOR-1 is required for full susceptibility of barley to powdery mildew. <b>2010</b> , 23, 1217-27	68
1371	S-glycoprotein-like protein regulates defense responses in <i>Nicotiana</i> plants against <i>Ralstonia solanacearum</i> . <b>2010</b> , 152, 2023-35	29
1370	<i>Arabidopsis</i> snc2-1D activates receptor-like protein-mediated immunity transduced through WRKY70. <b>2010</b> , 22, 3153-63	82
1369	Self/nonself perception in plants in innate immunity and defense. <b>2010</b> , 1, 40-54	57
1368	Promoters of the barley germin-like GER4 gene cluster enable strong transgene expression in response to pathogen attack. <b>2010</b> , 22, 937-52	68
1367	Nonhost resistance to <i>Magnaporthe oryzae</i> in <i>Arabidopsis thaliana</i> . <b>2010</b> , 5, 755-6	15
1366	Profile of jeffery L. Dangl. <b>2010</b> , 107, 13203-5	
1365	A receptor-like cytoplasmic kinase, BIK1, associates with a flagellin receptor complex to initiate plant innate immunity. <b>2010</b> , 107, 496-501	511



1364	A functional genomics approach identifies candidate effectors from the aphid species <i>Myzus persicae</i> (green peach aphid). <b>2010</b> , 6, e1001216	308
1363	Dissecting plant defence signal transduction: modifiers of <i>snc1</i> in <i>Arabidopsis</i> <a href="#">View all notes</a> . <b>2010</b> , 32, 35-42	27
1362	The <i>Arabidopsis</i> resistance-like gene <i>SNC1</i> is activated by mutations in <i>SRFR1</i> and contributes to resistance to the bacterial effector <i>AvrRps4</i> . <b>2010</b> , 6, e1001172	92
1361	Autoimmunity in <i>Arabidopsis</i> <i>acd11</i> is mediated by epigenetic regulation of an immune receptor. <b>2010</b> , 6, e1001137	122
1360	<i>Pdk1</i> kinase regulates basal disease resistance through the <i>OsOxi1-OsPti1a</i> phosphorylation cascade in rice. <b>2010</b> , 51, 2082-91	31
1359	Allele-specific virulence attenuation of the <i>Pseudomonas syringae</i> <i>HopZ1a</i> type III effector via the <i>Arabidopsis</i> <i>ZAR1</i> resistance protein. <b>2010</b> , 6, e1000894	103
1358	<i>MOS11</i> : a new component in the mRNA export pathway. <b>2010</b> , 6, e1001250	45
1357	Living the sweet life: how does a plant pathogenic fungus acquire sugar from plants?. <b>2010</b> , 8, e1000308	27
1356	<i>SRFR1</i> negatively regulates plant NB-LRR resistance protein accumulation to prevent autoimmunity. <b>2010</b> , 6, e1001111	99
1355	Balanced nuclear and cytoplasmic activities of <i>EDS1</i> are required for a complete plant innate immune response. <b>2010</b> , 6, e1000970	165
1354	Phosphorylation of mouse immunity-related GTPase ( <i>IRG</i> ) resistance proteins is an evasion strategy for virulent <i>Toxoplasma gondii</i> . <b>2010</b> , 8, e1000576	184
1353	Autoacetylation of the <i>Ralstonia solanacearum</i> effector <i>PopP2</i> targets a lysine residue essential for <i>RRS1-R</i> -mediated immunity in <i>Arabidopsis</i> . <b>2010</b> , 6, e1001202	130
1352	Network modeling reveals prevalent negative regulatory relationships between signaling sectors in <i>Arabidopsis</i> immune signaling. <b>2010</b> , 6, e1001011	103
1351	Transmission of plant-pathogenic bacteria by nonhost seeds without induction of an associated defense reaction at emergence. <b>2010</b> , 76, 6787-96	52
1350	Characterization of the wheat- <i>Stagonospora nodorum</i> disease system: what is the molecular basis of this quantitative necrotrophic disease interaction? <b>2010</b> , 32, 20-28	69
1349	Leaf-cutting ant fungi produce cell wall degrading pectinase complexes reminiscent of phytopathogenic fungi. <b>2010</b> , 8, 156	56
1348	The Molecular Evolution of the Rice Blast Resistance Gene <i>Pi36</i> . <b>2010</b> , 171, 235-243	7
1347	<i>Pseudomyrmex</i> ants and <i>Acacia</i> host plants join efforts to protect their mutualism from microbial threats. <b>2010</b> , 5, 890-2	6

1346	The role of vacuolar processing enzymes in plant immunity. <b>2010</b> , 5, 1565-7	16
1345	Insights into plant immunity signalling: the bacterial competitive index angle. <b>2010</b> , 5, 1590-3	3
1344	The lesion-mimic mutant cpr22 shows alterations in abscisic acid signaling and abscisic acid insensitivity in a salicylic acid-dependent manner. <b>2010</b> , 152, 1901-13	94
1343	Regulation of the expression of plant resistance gene SNC1 by a protein with a conserved BAT2 domain. <b>2010</b> , 153, 1425-34	59
1342	RPG1-B-derived resistance to AvrB-expressing <i>Pseudomonas syringae</i> requires RIN4-like proteins in soybean. <b>2010</b> , 153, 1199-211	50
1341	Two putative RNA-binding proteins function with unequal genetic redundancy in the MOS4-associated complex. <b>2010</b> , 154, 1783-93	33
1340	Amino acid homeostasis modulates salicylic acid-associated redox status and defense responses in <i>Arabidopsis</i> . <b>2010</b> , 22, 3845-63	148
1339	Lessons learned from type III effector transgenic plants. <b>2010</b> , 5, 746-8	3
1338	Bacterial effectors target BAK1-associated receptor complexes: One stone two birds. <b>2010</b> , 3, 80-3	9
1337	RIN4-like proteins mediate resistance protein-derived soybean defense against <i>Pseudomonas syringae</i> . <b>2010</b> , 5, 1453-6	11
1336	Plant immunity directly or indirectly restricts the injection of type III effectors by the <i>Pseudomonas syringae</i> type III secretion system. <b>2010</b> , 154, 233-44	59
1335	Two vacuole-mediated defense strategies in plants. <b>2010</b> , 5, 1568-70	29
1334	Nonhost resistance of barley to different fungal pathogens is associated with largely distinct, quantitative transcriptional responses. <b>2010</b> , 152, 2053-66	50
1333	The <i>Arabidopsis</i> nuclear pore and nuclear envelope. <b>2010</b> , 8, e0139	19
1332	Nucleoporin MOS7/Nup88 contributes to plant immunity and nuclear accumulation of defense regulators. <b>2010</b> , 1, 332-6	22
1331	Activation of an <i>Arabidopsis</i> resistance protein is specified by the in planta association of its leucine-rich repeat domain with the cognate oomycete effector. <b>2010</b> , 22, 2444-58	220
1330	Characterization of Plant-Bacterial Interactions Using Proteomic Approaches. <b>2010</b> , 7, 244-257	11
1329	From perception to activation: the molecular-genetic and biochemical landscape of disease resistance signaling in plants. <b>2010</b> , 8, e012	36

1328	Necrotroph attacks on plants: wanton destruction or covert extortion?. <b>2010</b> , 8, e0136	142
1327	Inflammasome-mediated autoinflammatory disorders. <b>2010</b> , 122, 125-33	30
1326	Phosphorylation of receptor-like cytoplasmic kinases by bacterial flagellin. <b>2010</b> , 5, 598-600	14
1325	Calcium signaling during the plant-plant interaction of parasitic <i>Cuscuta reflexa</i> with its hosts. <b>2010</b> , 5, 1144-6	9
1324	Translational research on <i>Trichoderma</i> : from 'omics to the field. <b>2010</b> , 48, 395-417	394
1323	Role of adhesion in arthropod immune recognition. <b>2010</b> , 55, 485-504	45
1322	Conserved molecular components for pollen tube reception and fungal invasion. <b>2010</b> , 330, 968-71	290
1321	Plant Nematode Interaction: A Sophisticated Dialogue. <b>2010</b> , 53, 147-192	28
1320	All mold is not alike: the importance of intraspecific diversity in necrotrophic plant pathogens. <b>2010</b> , 6, e1000759	15
1319	The coevolution of plants and viruses: resistance and pathogenicity. <b>2010</b> , 76, 1-32	58
1318	Changing paradigms in thiology from antioxidant defense toward redox regulation. <b>2010</b> , 473, 1-39	78
1317	Pattern recognition receptors require N-glycosylation to mediate plant immunity. <b>2010</b> , 285, 4629-36	143
1316	<i>Clostridium difficile</i> toxin-induced inflammation and intestinal injury are mediated by the inflammasome. <b>2010</b> , 139, 542-52, 552.e1-3	164
1315	Avirulence Genes. <b>2010</b> ,	16
1314	Proteomic analysis of quorum sensing-dependent proteins in <i>Burkholderia glumae</i> . <b>2010</b> , 9, 3184-99	39
1313	<i>Phytophthora</i> . <b>2010</b> ,	
1312	Plant immunity triggered by microbial molecular signatures. <b>2010</b> , 3, 783-93	200
1311	Oxalic acid-induced resistance to <i>Rhizoctonia solani</i> in rice is associated with induction of phenolics, peroxidase and pathogenesis-related proteins. <b>2010</b> , 5, 147-157	23

1310	<i>Pseudomonas syringae</i> strains naturally lacking the classical <i>P. syringae</i> hrp/hrc Locus are common leaf colonizers equipped with an atypical type III secretion system. <b>2010</b> , 23, 198-210	74
1309	Wild and Cultivated Potato ( <i>Solanum</i> sect. <i>Petota</i> ) Escaped and Persistent Outside of its Natural Range. <b>2010</b> , 3, 286-293	10
1308	<i>Hyaloperonospora Arabidopsis</i> as a pathogen model. <b>2010</b> , 48, 329-45	98
1307	Mitogen-activated protein kinase signaling in plants. <b>2010</b> , 61, 621-49	760
1306	Insect and Nematode Resistance. <b>2010</b> , 177-197	9
1305	<i>Pseudomonas</i> spp.-induced systemic resistance to <i>Botrytis cinerea</i> is associated with induction and priming of defence responses in grapevine. <b>2010</b> , 61, 249-60	140
1304	Large-scale comparative phosphoproteomics identifies conserved phosphorylation sites in plants. <b>2010</b> , 153, 1161-74	302
1303	Plants versus pathogens: an evolutionary arms race. <b>2010</b> , 37, 499-512	109
1302	Altered lipid A structures and polymyxin hypersensitivity of <i>Rhizobium etli</i> mutants lacking the LpxE and LpxF phosphatases. <b>2010</b> , 1801, 593-604	24
1301	A thaumatin-like protein gene involved in cotton fiber secondary cell wall development enhances resistance against <i>Verticillium dahliae</i> and other stresses in transgenic tobacco. <b>2010</b> , 393, 38-44	99
1300	Model legumes contribute to faba bean breeding. <b>2010</b> , 115, 253-269	51
1299	Identification and characterisation of <i>Mycosphaerella graminicola</i> secreted or surface-associated proteins with variable intragenic coding repeats. <b>2010</b> , 47, 19-32	36
1298	External lipid PI3P mediates entry of eukaryotic pathogen effectors into plant and animal host cells. <b>2010</b> , 142, 284-95	330
1297	The Hop/Sti1-Hsp90 chaperone complex facilitates the maturation and transport of a PAMP receptor in rice innate immunity. <b>2010</b> , 7, 185-96	138
1296	Receptor-like cytoplasmic kinases integrate signaling from multiple plant immune receptors and are targeted by a <i>Pseudomonas syringae</i> effector. <b>2010</b> , 7, 290-301	527
1295	An imperfect rule for the particle roost. <b>2010</b> , 7, 261-263	2
1294	Battling immune kinases in plants. <b>2010</b> , 7, 259-261	6
1293	Activation of a Rac GTPase by the NLR family disease resistance protein Pit plays a critical role in rice innate immunity. <b>2010</b> , 7, 362-75	100

1292	Disease resistance signature of the leucine-rich repeat receptor-like kinase genes in four plant species. <b>2010</b> , 179, 399-406	28
1291	Trehalose and plant stress responses: friend or foe?. <b>2010</b> , 15, 409-17	288
1290	Emerging complexity in reactive oxygen species production and signaling during the response of plants to pathogens. <b>2010</b> , 154, 444-8	124
1289	Role of small RNAs in host-microbe interactions. <b>2010</b> , 48, 225-46	272
1288	Understanding the plant immune system. <b>2010</b> , 23, 1531-6	173
1287	Arabidopsis resistance protein SNC1 activates immune responses through association with a transcriptional corepressor. <b>2010</b> , 107, 13960-5	169
1286	Playing the "Harp": evolution of our understanding of hrp/hrc genes. <b>2010</b> , 48, 347-70	87
1285	Resistance to aphid vectors of virus disease. <b>2010</b> , 76, 179-210	18
1284	Getting the most from the host: how pathogens force plants to cooperate in disease. <b>2010</b> , 23, 1253-9	40
1283	Genetics and Genomics of Populus. <b>2010</b> ,	12
1282	Symbioses and Stress. <b>2010</b> ,	6
1281	Huanglongbing, a systemic disease, restructures the bacterial community associated with citrus roots. <b>2010</b> , 76, 3427-36	80
1280	Ion Channels and Plant Stress Responses. <b>2010</b> ,	7
1279	Progress in Botany 71. <b>2010</b> ,	3
1278	Plant Communication from an Ecological Perspective. <b>2010</b> ,	16
1277	Integrated G Proteins Signaling in Plants. <b>2010</b> ,	7
1276	Xanthomonas campestris pv. vesicatoria effector AvrBsT induces cell death in pepper, but suppresses defense responses in tomato. <b>2010</b> , 23, 1069-82	45
1275	Sequential expression of bacterial virulence and plant defense genes during infection of tomato with <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> . <b>2010</b> , 100, 252-61	41

1274	Non-host resistance responses of <i>Arabidopsis thaliana</i> to the coffee leaf rust fungus ( <i>Hemileia vastatrix</i> ). <b>2010</b> , 88, 621-629	21
1273	Cryopyrin-associated periodic syndromes: background and therapeutics. <b>2010</b> , 20, 213-221	36
1272	Towards a temporal modeling of the genetic network controlling Systemic Acquired Resistance in <i>Arabidopsis thaliana</i> . <b>2010</b> ,	1
1271	Nuclear proteomic changes linked to soybean rust resistance. <b>2011</b> , 7, 773-83	32
1270	Plant intracellular innate immune receptor Resistance to <i>Pseudomonas syringae</i> pv. <i>maculicola</i> 1 (RPM1) is activated at, and functions on, the plasma membrane. <b>2011</b> , 108, 7619-24	132
1269	The strawberry plant defense mechanism: a molecular review. <b>2011</b> , 52, 1873-903	109
1268	Pathogen effectors target <i>Arabidopsis</i> EDS1 and alter its interactions with immune regulators. <b>2011</b> , 334, 1405-8	226
1267	Phosphorylation of the <i>Nicotiana benthamiana</i> WRKY8 transcription factor by MAPK functions in the defense response. <b>2011</b> , 23, 1153-70	180
1266	A jacalin-related lectin-like gene in wheat is a component of the plant defence system. <b>2011</b> , 62, 5471-83	80
1265	<i>Arabidopsis</i> lysin-motif proteins LYM1 LYM3 CERK1 mediate bacterial peptidoglycan sensing and immunity to bacterial infection. <b>2011</b> , 108, 19824-9	349
1264	Genetic and epigenetic effects of plant-pathogen interactions: an evolutionary perspective. <b>2011</b> , 4, 1014-23	67
1263	Purification of effector-target protein complexes via transient expression in <i>Nicotiana benthamiana</i> . <b>2011</b> , 712, 181-94	50
1262	Structural and functional analysis of the type III secretion system from <i>Pseudomonas fluorescens</i> Q8r1-96. <b>2011</b> , 193, 177-89	43
1261	Plant science. Beleaguered immunity. <b>2011</b> , 334, 1354-5	5
1260	Analysis of differentially expressed genes in leaf rust infected bread wheat involving seedling resistance gene Lr28. <b>2011</b> , 38, 479-492	12
1259	Molecular, cellular, and physiological responses to phosphatidic acid formation in plants. <b>2011</b> , 62, 2349-61	275
1258	Of PAMPs and effectors: the blurred PTI-ETI dichotomy. <b>2011</b> , 23, 4-15	656
1257	<i>Botrytis cinerea</i> manipulates the antagonistic effects between immune pathways to promote disease development in tomato. <b>2011</b> , 23, 2405-21	245

1256	Targeted metabolic reconstruction: a novel approach for the characterization of plant-pathogen interactions. <b>2011</b> , 12, 151-62	14
1255	Theories of Leaf Longevity. <b>2011</b> , 41-56	1
1254	Trichoderma: the genomics of opportunistic success. <b>2011</b> , 9, 749-59	595
1253	Triticum. <b>2011</b> , 407-456	20
1252	Host Small RNAs and Plant Innate Immunity. <b>2011</b> , 21-34	0
1251	Advances in plant disease and pest management. <b>2011</b> , 149, 91-114	59
1250	Fungal Attack and Cruciferous Defenses: Tricking Plant Pathogens. <b>2011</b> , 127-139	
1249	Revision of the nomenclature of the differential host-pathogen interactions of <i>Venturia inaequalis</i> and <i>Malus</i> . <b>2011</b> , 49, 391-413	120
1248	Diverse targets of phytoplasma effectors: from plant development to defense against insects. <b>2011</b> , 49, 175-95	163
1247	The primary role of fibrinogen-related proteins in invertebrates is defense, not coagulation. <b>2011</b> , 3, 17-27	127
1246	<i>Fortunella margarita</i> transcriptional reprogramming triggered by <i>Xanthomonas citri</i> subsp. <i>citri</i> . <b>2011</b> , 11, 159	19
1245	The Biological Activity of Phytochemicals. <b>2011</b> ,	3
1244	The Plant Plasma Membrane. <b>2011</b> ,	8
1243	Ecology of Leaf Longevity. <b>2011</b> ,	86
1242	<i>Pectobacterium carotovorum</i> elicits plant cell death with DspE/F but the <i>P. carotovorum</i> DspE does not suppress callose or induce expression of plant genes early in plant-microbe interactions. <b>2011</b> , 24, 773-86	42
1241	TaDAD2, a negative regulator of programmed cell death, is important for the interaction between wheat and the stripe rust fungus. <b>2011</b> , 24, 79-90	27
1240	Lignin metabolism has a central role in the resistance of cotton to the wilt fungus <i>Verticillium dahliae</i> as revealed by RNA-Seq-dependent transcriptional analysis and histochemistry. <b>2011</b> , 62, 5607-21	284
1239	<i>Phytophthora infestans</i> effector AVRblb2 prevents secretion of a plant immune protease at the haustorial interface. <b>2011</b> , 108, 20832-7	206

1238	Rice RING protein OsBBI1 with E3 ligase activity confers broad-spectrum resistance against <i>Magnaporthe oryzae</i> by modifying the cell wall defence. <b>2011</b> , 21, 835-48	58
1237	Predicted effector molecules in the salivary secretome of the pea aphid ( <i>Acyrtosiphon pisum</i> ): a dual transcriptomic/proteomic approach. <b>2011</b> , 10, 1505-18	176
1236	Direct ubiquitination of pattern recognition receptor FLS2 attenuates plant innate immunity. <b>2011</b> , 332, 1439-42	405
1235	Plant Immunity. <b>2011</b> ,	2
1234	Lipopolysaccharide and Its Interactions with Plants. <b>2011</b> , 417-433	2
1233	Barley leaf transcriptome and metabolite analysis reveals new aspects of compatibility and <i>Piriformospora indica</i> -mediated systemic induced resistance to powdery mildew. <b>2011</b> , 24, 1427-39	91
1232	Innate Immunity: Pattern Recognition in Plants. <b>2011</b> , 1-32	
1231	Microbial Effectors and Their Role in Plant Defense Suppression. <b>2011</b> , 33-52	2
1230	The Effectors of Smut Fungi. <b>2011</b> , 77-99	1
1229	No fitness cost for wheat's H gene-mediated resistance to Hessian fly (Diptera: Cecidomyiidae). <b>2011</b> , 104, 1393-405	24
1228	Specific threonine phosphorylation of a host target by two unrelated type III effectors activates a host innate immune receptor in plants. <b>2011</b> , 9, 125-36	139
1227	A receptor-like cytoplasmic kinase phosphorylates the host target RIN4, leading to the activation of a plant innate immune receptor. <b>2011</b> , 9, 137-46	213
1226	DNA repair proteins are directly involved in regulation of gene expression during plant immune response. <b>2011</b> , 9, 115-24	62
1225	<i>Pseudomonas syringae</i> type III effector HopZ1 targets a host enzyme to suppress isoflavone biosynthesis and promote infection in soybean. <b>2011</b> , 9, 177-186	69
1224	Coiled-coil domain-dependent homodimerization of intracellular barley immune receptors defines a minimal functional module for triggering cell death. <b>2011</b> , 9, 187-199	215
1223	Structural and functional analysis of a plant resistance protein TIR domain reveals interfaces for self-association, signaling, and autoregulation. <b>2011</b> , 9, 200-211	243
1222	Reactive oxygen species in phytopathogenic fungi: signaling, development, and disease. <b>2011</b> , 49, 369-90	331
1221	A single dominant locus, <i>ren4</i> , confers rapid non-race-specific resistance to grapevine powdery mildew. <b>2011</b> , 101, 502-8	47



1220	Understanding and exploiting late blight resistance in the age of effectors. <b>2011</b> , 49, 507-31	298
1219	The role of vacuole in plant cell death. <b>2011</b> , 18, 1298-304	177
1218	Pathogen-derived effectors trigger protective immunity via activation of the Rac2 enzyme and the IMD or Rip kinase signaling pathway. <b>2011</b> , 35, 536-49	79
1217	The role of chitin detection in plant-pathogen interactions. <b>2011</b> , 13, 1168-76	61
1216	Arabidopsis Argonaute 2 regulates innate immunity via miRNA393(*)-mediated silencing of a Golgi-localized SNARE gene, MEMB12. <b>2011</b> , 42, 356-66	301
1215	The complex interactions between host immunity and non-biotrophic fungal pathogens of wheat leaves. <b>2011</b> , 168, 63-71	50
1214	Pathogenesis-associated transcriptional patterns in Triticeae. <b>2011</b> , 168, 9-19	19
1213	Convergent evidence for a role of WIR1 proteins during the interaction of barley with the powdery mildew fungus <i>Blumeria graminis</i> . <b>2011</b> , 168, 20-9	13
1212	Transgene expression systems in the Triticeae cereals. <b>2011</b> , 168, 30-44	32
1211	Quantitative disease resistance and fungal pathogenicity in Triticeae. <b>2011</b> , 168, 1-2	3
1210	Implications of oligomeric forms of POD-1 and POD-2 proteins isolated from cell walls of the biocontrol agent <i>Pythium oligandrum</i> in relation to their ability to induce defense reactions in tomato. <b>2011</b> , 168, 1972-9	25
1209	Warriors at the gate that never sleep: non-host resistance in plants. <b>2011</b> , 168, 2141-52	48
1208	What can enzymes of C <sub>3</sub> photosynthesis do for C <sub>3</sub> plants under stress?. <b>2011</b> , 180, 575-83	140
1207	A systems biology perspective on plant-microbe interactions: biochemical and structural targets of pathogen effectors. <b>2011</b> , 180, 584-603	51
1206	GSNOR-mediated de-nitrosylation in the plant defence response. <b>2011</b> , 181, 540-4	108
1205	Roles of Ca <sup>2+</sup> and cyclic nucleotide gated channel in plant innate immunity. <b>2011</b> , 181, 342-6	40
1204	Possible trade-off associated with the use of a combination of resistance elicitors. <b>2011</b> , 75, 188-192	20
1203	In situ localization of avenanthramide A and its biosynthetic enzyme in oat leaves infected with the crown rust fungus, <i>Puccinia coronata</i> f. sp. <i>avenae</i> . <b>2011</b> , 76, 173-181	6

1202	Regulatory mechanisms of nitric oxide and reactive oxygen species generation and their role in plant immunity. <b>2011</b> , 25, 216-21	61
1201	The innate immune system in transplantation. <b>2011</b> , 23, 264-72	25
1200	A molecular evolutionary concept connecting nonhost resistance, pathogen host range, and pathogen speciation. <b>2011</b> , 16, 117-25	297
1199	Herbivore-associated elicitors: FAC signaling and metabolism. <b>2011</b> , 16, 294-9	182
1198	Programmed cell death in the plant immune system. <b>2011</b> , 18, 1247-56	587
1197	How do plant viruses induce disease? Interactions and interference with host components. <b>2011</b> , 92, 2691-2705	160
1196	Suppression and Activation of the Plant Immune System by <i>Pseudomonas syringae</i> Effectors AvrPto and AvrPtoB. <b>2011</b> , 121-154	5
1195	Entry of Oomycete and Fungal Effectors into Host Cells. <b>2011</b> , 243-275	7
1194	Effectors in Plant-Insect Interactions. <b>2011</b> , 355-375	2
1193	<i>Pseudomonas fluorescens</i> BBc6R8 type III secretion mutants no longer promote ectomycorrhizal symbiosis. <b>2011</b> , 3, 203-10	43
1192	Hidden fungi, emergent properties: endophytes and microbiomes. <b>2011</b> , 49, 291-315	571
1191	Independently evolved virulence effectors converge onto hubs in a plant immune system network. <b>2011</b> , 333, 596-601	601
1190	<i>Arabidopsis</i> WRKY28 transcription factor is required for resistance to necrotrophic pathogen, <i>Botrytis cinerea</i> . <b>2011</b> , 5,	4
1189	THE ANALYSIS OF THE TRANSCRIPTION LEVELS OF DIVERSE SOD, APX AND CAT ISOFORMS IN <i>PYRUS COMMUNIS</i> 'CONFERENCE' AFTER INFECTION WITH <i>ERWINIA AMYLOVORA</i> . <b>2011</b> , 253-258	
1188	Interleukin-1 inhibitors for the treatment of cryopyrin-associated periodic syndrome. <b>2011</b> , 4, 21-7	5
1187	Mining Effector Proteins in Phytopathogenic Fungi. <b>2011</b> ,	
1186	Rewiring of the Jasmonate Signaling Pathway in <i>Arabidopsis</i> during Insect Herbivory. <b>2011</b> , 2, 47	117
1185	Mutations in an Atypical TIR-NB-LRR-LIM Resistance Protein Confer Autoimmunity. <b>2011</b> , 2, 71	31

1184	At the Frontier; RXLR Effectors Crossing the Phytophthora-Host Interface. <b>2011</b> , 2, 75	12
1183	A genome-wide survey for Arabidopsis leucine-rich repeat receptor kinases implicated in plant immunity. <b>2011</b> , 2, 88	30
1182	Information Management of Genome Enabled Data Streams for Pseudomonas syringae on the Pseudomonas-Plant Interaction (PPI) Website. <b>2011</b> , 2, 841-52	1
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1180	The receptor-like kinase SERK3/BAK1 is required for basal resistance against the late blight pathogen phytophthora infestans in Nicotiana benthamiana. <b>2011</b> , 6, e16608	133
1179	Ralstonia solanacearum extracellular polysaccharide is a specific elicitor of defense responses in wilt-resistant tomato plants. <b>2011</b> , 6, e15853	113
1178	Genomic and resistance gene homolog diversity of the dominant tallgrass prairie species across the U.S. Great Plains precipitation gradient. <b>2011</b> , 6, e17641	20
1177	Differences in accumulation and virulence determine the outcome of competition during Tobacco etch virus coinfection. <b>2011</b> , 6, e17917	16
1176	The LSD1-interacting protein GILP is a LITAF domain protein that negatively regulates hypersensitive cell death in Arabidopsis. <b>2011</b> , 6, e18750	19
1175	LRR conservation mapping to predict functional sites within protein leucine-rich repeat domains. <b>2011</b> , 6, e21614	40
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1172	???????????????? ?????. <b>2011</b> , 49, 88-93	
1171	Identification of quantitative trait loci controlling gene expression during the innate immunity response of soybean. <b>2011</b> , 157, 1975-86	29
1170	Plant Breeding: Its Contribution to Durable Disease Control. <b>2011</b> , 22, 140-144	
1169	Virulence on the fly: Drosophila melanogaster as a model genetic organism to decipher host-pathogen interactions. <b>2011</b> , 12, 978-99	23
1168	Analysis of global host gene expression during the primary phase of the Arabidopsis thaliana-Plasmodiophora brassicae interaction. <b>2011</b> , 38, 462-478	72
1167	Nonhost resistance of rice to rust pathogens. <b>2011</b> , 24, 1143-55	95

1166	Genetic basis for the hierarchical interaction between Tobamovirus spp. and L resistance gene alleles from different pepper species. <b>2011</b> , 24, 108-17	68
1165	Phylobacterial type III effectors HopX1, HopAB1 and HopF2 enhance sense-post-transcriptional gene silencing independently of plant R gene-effector recognition. <b>2011</b> , 24, 907-17	5
1164	Cell death mediated by the N-terminal domains of a unique and highly conserved class of NB-LRR protein. <b>2011</b> , 24, 918-31	219
1163	An autoactive mutant of the M flax rust resistance protein has a preference for binding ATP, whereas wild-type M protein binds ADP. <b>2011</b> , 24, 897-906	116
1162	Large-scale data integration reveals colocalization of gene functional groups with meta-QTL for multiple disease resistance in barley. <b>2011</b> , 24, 1492-501	49
1161	EMSY-like genes are required for full RPP7-mediated race-specific immunity and basal defense in Arabidopsis. <b>2011</b> , 24, 1573-81	23
1160	Bacterial effector HopF2 suppresses arabidopsis innate immunity at the plasma membrane. <b>2011</b> , 24, 585-93	42
1159	Systematic mutagenesis of all predicted gntR genes in Xanthomonas campestris pv. campestris reveals a GntR family transcriptional regulator controlling hypersensitive response and virulence. <b>2011</b> , 24, 1027-39	22
1158	454 Genome sequencing of Pseudoperonospora cubensis reveals effector proteins with a QXLR translocation motif. <b>2011</b> , 24, 543-53	73
1157	Quantitative and temporal definition of the Mla transcriptional regulon during barley-powdery mildew interactions. <b>2011</b> , 24, 694-705	22
1156	The HrpN effector of Erwinia amylovora, which is involved in type III translocation, contributes directly or indirectly to callose elicitation on apple leaves. <b>2011</b> , 24, 577-84	29
1155	Phenotypic characterization of potato late blight resistance mediated by the broad-spectrum resistance gene RB. <b>2011</b> , 101, 263-70	32
1154	Multigenic system controlling viral systemic infection determined by the interactions between Cucumber mosaic virus genes and quantitative trait loci of soybean cultivars. <b>2011</b> , 101, 575-82	5
1153	Molecular characterization of two types of resistance in sunflower to Plasmopara halstedii, the causal agent of downy mildew. <b>2011</b> , 101, 970-9	14
1152	Transcript profiles in sugar beet genotypes uncover timing and strength of defense reactions to Cercospora beticola infection. <b>2011</b> , 24, 758-72	13
1151	Non-host resistance to penetration and hyphal growth of Magnaporthe oryzae in Arabidopsis. <b>2011</b> , 1, 171	44
1150	Cloning of the unculturable parasite Pasteuria ramosa and its Daphnia host reveals extreme genotype-genotype interactions. <b>2011</b> , 14, 125-31	99
1149	Entry of oomycete and fungal effectors into plant and animal host cells. <b>2011</b> , 13, 1839-48	79

1148	The bacterial lipopeptide surfactin targets the lipid fraction of the plant plasma membrane to trigger immune-related defence responses. <b>2011</b> , 13, 1824-37	95
1147	The role of effectors of biotrophic and hemibiotrophic fungi in infection. <b>2011</b> , 13, 1849-57	155
1146	A Eucalyptus bacterial wilt isolate from South Africa is pathogenic on Arabidopsis and manipulates host defences. <b>2011</b> , 41, 101-113	3
1145	Cerato-platanin elicits transcription of defence-related genes earlier than <i>Ceratocystis platani</i> on <i>Platanus acerifolia</i> . <b>2011</b> , 41, 255-261	14
1144	Transgenic Pm3b wheat lines show resistance to powdery mildew in the field. <b>2011</b> , 9, 897-910	51
1143	Genetic dissection of basal defence responsiveness in accessions of <i>Arabidopsis thaliana</i> . <b>2011</b> , 34, 1191-206	38
1142	An <i>Arabidopsis</i> (malectin-like) leucine-rich repeat receptor-like kinase contributes to downy mildew disease. <b>2011</b> , 34, 1944-57	74
1141	Resistance to powdery mildew ( <i>Blumeria graminis</i> f.sp. <i>avenae</i> ) in oat seedlings and adult plants. <b>2011</b> , 60, 846-856	24
1140	Phosphite primed defence responses and enhanced expression of defence genes in <i>Arabidopsis thaliana</i> infected with <i>Phytophthora cinnamomi</i> . <b>2011</b> , 60, 1086-1095	75
1139	Priming for enhanced defence responses by specific inhibition of the <i>Arabidopsis</i> response to coronatine. <b>2011</b> , 65, 469-79	38
1138	Autophagy differentially controls plant basal immunity to biotrophic and necrotrophic pathogens. <b>2011</b> , 66, 818-30	146
1137	The microRNA miR393 re-directs secondary metabolite biosynthesis away from camalexin and towards glucosinolates. <b>2011</b> , 67, 218-31	149
1136	The receptor-like kinase SLSERK1 is required for Mi-1-mediated resistance to potato aphids in tomato. <b>2011</b> , 67, 459-71	55
1135	<i>Pseudomonas syringae</i> colonizes distant tissues in <i>Nicotiana benthamiana</i> through xylem vessels. <b>2011</b> , 67, 774-82	22
1134	CBP60g and SARD1 play partially redundant critical roles in salicylic acid signaling. <b>2011</b> , 67, 1029-41	161
1133	ATG2, an autophagy-related protein, negatively affects powdery mildew resistance and mildew-induced cell death in <i>Arabidopsis</i> . <b>2011</b> , 68, 74-87	108
1132	Barley mildew and its elicitor chitosan promote closed stomata by stimulating guard-cell S-type anion channels. <b>2011</b> , 68, 670-80	55
1131	Rice 14-3-3 protein (GF14e) negatively affects cell death and disease resistance. <b>2011</b> , 68, 777-87	50

1130	Co-evolutionary interactions between host resistance and pathogen effector genes in flax rust disease. <b>2011</b> , 12, 93-102	82
1129	In planta conditions induce genomic changes in <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> . <b>2011</b> , 12, 167-76	30
1128	Genome sequencing and comparative analysis of the carrot bacterial blight pathogen, <i>Xanthomonas hortorum</i> pv. <i>carotae</i> M081, for insights into pathogenicity and applications in molecular diagnostics. <b>2011</b> , 12, 580-94	12
1127	<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> : from 'has bean' to supermodel. <b>2011</b> , 12, 617-27	65
1126	Physical association of pattern-triggered immunity (PTI) and effector-triggered immunity (ETI) immune receptors in <i>Arabidopsis</i> . <b>2011</b> , 12, 702-8	72
1125	Type III secretion-dependent host defence elicitation and type III secretion-independent growth within leaves by <i>Xanthomonas campestris</i> pv. <i>campestris</i> . <b>2011</b> , 12, 731-45	16
1124	<i>Arabidopsis thaliana</i> <i>cdd1</i> mutant uncouples the constitutive activation of salicylic acid signalling from growth defects. <b>2011</b> , 12, 855-65	28
1123	The YopJ superfamily in plant-associated bacteria. <b>2011</b> , 12, 928-37	59
1122	Transcriptomic profiling of citrus fruit peel tissues reveals fundamental effects of phenylpropanoids and ethylene on induced resistance. <b>2011</b> , 12, 879-97	50
1121	Spatial variation in disease resistance: from molecules to metapopulations. <b>2011</b> , 99, 96-112	135
1120	Mining the plant-herbivore interface with a leafmining <i>Drosophila</i> of <i>Arabidopsis</i> . <b>2011</b> , 20, 995-1014	56
1119	Emergence of novel fungal pathogens by ecological speciation: importance of the reduced viability of immigrants. <b>2011</b> , 20, 4521-32	49
1118	Secretion of early and late substrates of the type III secretion system from <i>Xanthomonas</i> is controlled by HpaC and the C-terminal domain of HrcU. <b>2011</b> , 79, 447-67	23
1117	AlgW regulates multiple <i>Pseudomonas syringae</i> virulence strategies. <b>2011</b> , 80, 364-77	24
1116	SGT1 contributes to coronatine signaling and <i>Pseudomonas syringae</i> pv. <i>tomato</i> disease symptom development in tomato and <i>Arabidopsis</i> . <b>2011</b> , 189, 83-93	28
1115	Innate immunity: has poplar made its BED?. <b>2011</b> , 189, 678-687	25
1114	Ca <sup>2+</sup> conduction by plant cyclic nucleotide gated channels and associated signaling components in pathogen defense signal transduction cascades. <b>2011</b> , 190, 566-72	94
1113	CMPG1-dependent cell death follows perception of diverse pathogen elicitors at the host plasma membrane and is suppressed by <i>Phytophthora infestans</i> RXLR effector AVR3a. <b>2011</b> , 190, 653-66	107

1112	Deubiquitinating enzymes AtUBP12 and AtUBP13 and their tobacco homologue NtUBP12 are negative regulators of plant immunity. <b>2011</b> , 191, 92-106	57
1111	A zinc finger protein Tzip1 controls Cucumber mosaic virus infection by interacting with the replication complex on vacuolar membranes of the tobacco plant. <b>2011</b> , 191, 746-762	20
1110	Presence/absence, differential expression and sequence polymorphisms between PiAVR2 and PiAVR2-like in <i>Phytophthora infestans</i> determine virulence on R2 plants. <b>2011</b> , 191, 763-776	118
1109	Genetic and physiological analysis of the relationship between partial resistance to clubroot and tolerance to trehalose in <i>Arabidopsis thaliana</i> . <b>2011</b> , 191, 1083-1094	32
1108	Qualitative and quantitative resistances to leaf rust finely mapped within two nucleotide-binding site leucine-rich repeat (NBS-LRR)-rich genomic regions of chromosome 19 in poplar. <b>2011</b> , 192, 151-163	18
1107	Comparative analysis of peanut NBS-LRR gene clusters suggests evolutionary innovation among duplicated domains and erosion of gene microsynteny. <b>2011</b> , 192, 164-178	37
1106	Danger at your door: pathogen signals and programmed cell death in plants. <b>2011</b> , 192, 1-3	7
1105	Salicylic acid and its function in plant immunity. <b>2011</b> , 53, 412-28	299
1104	<i>Pseudomonas syringae</i> pv. phaseolicola effector HopF1 inhibits pathogen-associated molecular pattern-triggered immunity in a RIN4-independent manner in common bean ( <i>Phaseolus vulgaris</i> ). <b>2011</b> , 323, 35-43	6
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1102	The machinery of Nod-like receptors: refining the paths to immunity and cell death. <b>2011</b> , 243, 235-46	54
1101	Partial resistance in the <i>Linum-Melampsora</i> host-pathogen system: does partial resistance make the red queen run slower?. <b>2011</b> , 65, 512-22	27
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1098	Timing of plant immune responses by a central circadian regulator. <i>Nature</i> , <b>2011</b> , 470, 110-4	50.4 317
1097	Plant biology: Defence at dawn. <i>Nature</i> , <b>2011</b> , 470, 44-5	50.4 9
1096	Role of autophagy in disease resistance and hypersensitive response-associated cell death. <b>2011</b> , 18, 1257-62	75
1095	Two putatively homoeologous wheat genes mediate recognition of SnTox3 to confer effector-triggered susceptibility to <i>Stagonospora nodorum</i> . <b>2011</b> , 65, 27-38	54

1094	A multifaceted genomics approach allows the isolation of the rice Pia-blast resistance gene consisting of two adjacent NBS-LRR protein genes. <b>2011</b> , 66, 467-79	213
1093	<i>Nicotiana benthamiana</i> resistance to non-adapted Melon necrotic spot virus results from an incompatible interaction between virus RNA and translation initiation factor 4E. <b>2011</b> , 66, 492-501	29
1092	Response of somatic embryos of Scots pine to fungal cell wall elicitors. <b>2011</b> , 41, 75-82	3
1091	A novel antimicrobial protein for plant protection consisting of a <i>Xanthomonas oryzae</i> harpin and active domains of cecropin A and melittin. <b>2011</b> , 4, 777-93	24
1090	Context-dependent effects of induced resistance under co-infection in a plant-pathogen interaction. <b>2011</b> , 4, 696-707	42
1089	Bacterial genomes: evolution of pathogenicity. <b>2011</b> , 14, 385-91	18
1088	Plant NB-LRR signaling: upstreams and downstreams. <b>2011</b> , 14, 365-71	107
1087	Improving immunity in crops: new tactics in an old game. <b>2011</b> , 14, 468-76	62
1086	Living inside plants: bacterial endophytes. <b>2011</b> , 14, 435-43	505
1085	How do oomycete effectors interfere with plant life?. <b>2011</b> , 14, 407-14	101
1084	Effector proteins that modulate plant-insect interactions. <b>2011</b> , 14, 422-8	282
1083	New insights in plant immunity signaling activation. <b>2011</b> , 14, 512-8	105
1082	Regulation of nucleocytoplasmic trafficking in plants. <b>2011</b> , 14, 538-46	49
1081	Reiterative and interruptive signaling in induced plant resistance to chewing insects. <b>2011</b> , 72, 1624-34	24
1080	Nucleotide sequence of <i>Pseudomonas aeruginosa</i> conjugative plasmid pUM505 containing virulence and heavy-metal resistance genes. <b>2011</b> , 66, 7-18	29
1079	Participation of the Cowpea mosaic virus protease in eliciting extreme resistance. <b>2011</b> , 417, 71-8	8
1078	Engineering plant resistance by constructing chimeric receptors that recognize damage-associated molecular patterns (DAMPs). <b>2011</b> , 585, 1521-8	69
1077	Polyamines: natural and engineered abiotic and biotic stress tolerance in plants. <b>2011</b> , 29, 300-11	389



1076	Synthesis and antimicrobial activity of (E) stilbene derivatives. <b>2011</b> , 19, 5155-66	64
1075	NLR functions in plant and animal immune systems: so far and yet so close. <b>2011</b> , 12, 817-26	328
1074	Microbially Mediated Plant Functional Traits. <b>2011</b> , 42, 23-46	329
1073	What can plant autophagy do for an innate immune response?. <b>2011</b> , 49, 557-76	56
1072	The parasitic mechanism of the holostemparasitic plant <i>Cuscuta</i> . <b>2011</b> , 6, 207-219	27
1071	The <i>Clavibacter michiganensis</i> subspecies: molecular investigation of gram-positive bacterial plant pathogens. <b>2011</b> , 49, 445-64	131
1070	The <i>Xanthomonas</i> type III effector XopD targets the <i>Arabidopsis</i> transcription factor MYB30 to suppress plant defense. <b>2011</b> , 23, 3498-511	91
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- 485 Integrated metabolome and transcriptome analysis reveals salicylic acid and flavonoid pathways—key roles in cabbage—defense responses to *Xanthomonas campestris* pv. *campestris*. 13, ○
- 484 Genome-Wide Prediction and Analysis of *Oryza* Species NRP Genes in Rice Blast Resistance. **2022**, 23, 11967 ○
- 483 An Overview of PRR- and NLR-Mediated Immunities: Conserved Signaling Components across the Plant Kingdom That Communicate Both Pathways. **2022**, 23, 12974 2

482	The <i>Phytophthora sojae</i> nuclear effector PsAvh110 targets a host transcriptional complex to modulate plant immunity.	2
481	A small knottin-like peptide negatively regulates in wheat to stripe rust resistance during early infection of wheat. <b>2022</b> ,	0
480	A novel elicitor MoVcpo is necessary for the virulence of <i>Magnaporthe oryzae</i> and triggers rice defense responses. 13,	1
479	Coordinated regulation of plant defense and autoimmunity by paired trihelix transcription factors ASR3 / AITF1 in <i>Arabidopsis</i> .	0
478	<i>Pseudomonas syringae</i> DC3000 infection increases glucosylated N-glycans in <i>Arabidopsis thaliana</i> .	0
477	Insights into the mechanism of Huanglongbing tolerance in the Australian finger lime ( <i>Citrus australasica</i> ). 13,	1
476	Advances in Fungal Elicitor-Triggered Plant Immunity. <b>2022</b> , 23, 12003	1
475	Comparative transcriptome profiling reveals the role of phytohormones and phenylpropanoid pathway in early-stage resistance against powdery mildew in watermelon ( <i>Citrullus lanatus</i> L.). 13,	0
474	Transcriptomics and iTRAQ-proteomics analyses provide novel insights into the defense mechanism of black shank disease in tobacco. 13,	0
473	Editorial: Elicitors, secret agents at the service of the plant kingdom. 13,	0
472	Genome-wide association study for resistance to <i>Pseudomonas syringae</i> pv. <i>garcae</i> in <i>Coffea arabica</i> . 13,	0
471	The functional and structural characterization of <i>Xanthomonas campestris</i> pv. <i>campestris</i> core effector XopP revealed a new kinase activity.	0
470	Heterologous expression of <i>Arabidopsis</i> pattern recognition receptor RLP23 increases broad-spectrum resistance in poplar to fungal pathogens.	0
469	Dissecting the cotranscriptome landscape of plants and their microbiota.	0
468	<i>Botrytis</i> hypersensitive response inducing protein 1 triggers noncanonical PTI to induce plant cell death.	0
467	Transcriptome analysis reveals different response of resistant and susceptible rice varieties to rice stripe virus infection1. <b>2022</b> ,	1
466	<i>Acidovorax citrulli</i> Effector AopV Suppresses Plant Immunity and Interacts with Aromatic Dehydratase ADT6 in Watermelon. <b>2022</b> , 23, 11719	1
465	Comparative transcriptomic responses of European and Japanese larches to infection by <i>Phytophthora ramorum</i> . <b>2022</b> , 22,	0

464	The secreted FoAPY1 peptidase promotes <i>Fusarium oxysporum</i> invasion. 13,	1
463	Concerted expansion and contraction of immune receptor gene repertoires in plant genomes. <b>2022</b> , 8, 1146-1152	2
462	A <i>Candidatus Liberibacter asiaticus</i> -secreted polypeptide suppresses plant immune responses in <i>Nicotiana benthamiana</i> and <i>Citrus sinensis</i> . 13,	0
461	Harnessing genetic resistance to rusts in wheat and integrated rust management methods to develop more durable resistant cultivars. 13,	1
460	The molecular dialog between oomycete effectors and their plant and animal hosts. <b>2022</b> ,	0
459	Rice iron storage protein ferritin 2 ( <i>OsFER2</i> ) positively regulates ferroptotic cell death and defense responses against <i>Magnaporthe oryzae</i> . 13,	1
458	Defense Mechanisms of Cotton <i>Fusarium</i> and <i>Verticillium</i> Wilt and Comparison of Pathogenic Response in Cotton and Humans. <b>2022</b> , 23, 12217	0
457	A Genome-Wide Alternative Splicing Landscape Specifically Associated with Durable Rice Blast Resistance. <b>2022</b> , 12, 2414	0
456	Microbial Effectors: Key Determinants in Plant Health and Disease. <b>2022</b> , 10, 1980	1
455	Microevolution, speciation and macroevolution in rhizobia: Genomic mechanisms and selective patterns. 13,	0
454	Assessment of the Effects of Artificial Fungi Inoculations on Agarwood Formation and Sap Flow Rate of <i>Aquilaria malaccensis</i> Lam. Using Sonic Tomography (SoT) and Sap Flow Meter (SFM). <b>2022</b> , 13, 1731	0
453	Molecular Mechanisms Underlying Host Plant Specificity in Aphids. <b>2023</b> , 68,	2
452	Histological and molecular responses of <i>Vigna angularis</i> to <i>Uromyces vignae</i> infection. <b>2022</b> , 22,	0
451	Integrated Omic Approaches Reveal Molecular Mechanisms of Tolerance during Soybean and <i>Meloidogyne incognita</i> Interactions. <b>2022</b> , 11, 2744	0
450	Evolutional and functional analysis revealed the crucial roles of receptor-like proteins (RLPs) on <i>Valsa</i> canker resistance in Rosaceae.	1
449	Variation of the Antioxidative Defense in <i>Elaeis guineensis</i> Jacq. Facing Bud Rot Disease in the Coastal Area of Ecuador. <b>2022</b> , 27, 7314	0
448	The nematode effector Mj-NEROSs interacts with ISP influencing plastid ROS production to suppress plant immunity.	0
447	Partitioning the Effects of Soil Legacy and Pathogen Exposure Determining Soil Suppressiveness via Induced Systemic Resistance. <b>2022</b> , 11, 2816	0

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- 444 Endophyte-Mediated Stress Tolerance in Plants: A Sustainable Strategy to Enhance Resilience and Assist Crop Improvement. **2022**, 11, 3292 ○
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- 441 Biting the hand that feeds: Metabolic determinants of cell fate during infection. 13, ○
- 440 *Arabidopsis* EXTRA-LARGE G PROTEIN 1 (XLG1) functions together with XLG2 and XLG3 in PAMP-triggered MAPK activation and immunity. ○
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410	Chitosan triggers actin remodelling and activation of defence genes that is repressed by calcium influx in grapevine cells. <b>2022</b> , 111527	0
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405	A small secreted protein, RsMf8HN, in <i>Rhizoctonia solani</i> triggers plant immune response, which interacts with rice OsHIPP28. <b>2023</b> , 266, 127219	1
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401	Enhanced Resistance to <i>Sclerotinia sclerotiorum</i> in <i>Brassica rapa</i> by Activating Host Immunity through Exogenous <i>Verticillium dahliae</i> AspF2-like Protein (VDAL) Treatment. <b>2022</b> , 23, 13958	0
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399	<i>Puccinia striiformis</i> f. sp. <i>tritici</i> effectors in wheat immune responses. 13,	0
398	Time Course RNA-seq Reveals Soybean Responses against Root-Lesion Nematode and Resistance Players. <b>2022</b> , 11, 2983	0
397	Glutathione and neodosmin feedback sustain plant immunity.	0
396	Alternative plant protection strategies for tomorrow's coffee.	0
395	Cellobiose elicits immunity in lettuce conferring resistance against.	0
394	Transcriptome Profiling of the Resistance Response of <i>Musa acuminata</i> subsp. <i>burmannicoides</i> , var. Calcutta 4 to <i>Pseudocercospora musae</i> . <b>2022</b> , 23, 13589	1
393	A New Classification of Lysin Motif Receptor-like Kinases in <i>Lotus Japonicus</i> .	0

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