

Plant immunity: towards an integrated view of plant

Nature Reviews Genetics

11, 539-548

DOI: [10.1038/nrg2812](https://doi.org/10.1038/nrg2812)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Intragenic allele pyramiding combines different specificities of wheat Pm3 resistance alleles. <i>Plant Journal</i> , 2010, 64, 433-445.	2.8	76
2	Copper Transport and Bacterial Pathogenesis in Rice. <i>Plant Cell</i> , 2010, 22, 2923-2923.	3.1	0
3	The roots of a new green revolution. <i>Trends in Plant Science</i> , 2010, 15, 600-607.	4.3	390
4	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7619-7624.	3.3	176
5	Pathogen Effectors Target <i>Arabidopsis</i> EDS1 and Alter Its Interactions with Immune Regulators. <i>Science</i> , 2011, 334, 1405-1408.	6.0	268
6	<i>Arabidopsis</i> EDS1 Connects Pathogen Effector Recognition to Cell Compartment-Specific Immune Responses. <i>Science</i> , 2011, 334, 1401-1404.	6.0	284
7	<i>Melampsora larici-populina</i> Transcript Profiling During Germination and Timecourse Infection of Poplar Leaves Reveals Dynamic Expression Patterns Associated with Virulence and Biotrophy. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 808-818.	1.4	80
8	Of PAMPs and Effectors: The Blurred PTI-ETI Dichotomy. <i>Plant Cell</i> , 2011, 23, 4-15.	3.1	896
9	Anti-Phytopathogenic Activities of Macro-Algae Extracts. <i>Marine Drugs</i> , 2011, 9, 739-756.	2.2	48
10	Diverse Targets of Phytoplasma Effectors: From Plant Development to Defense Against Insects. <i>Annual Review of Phytopathology</i> , 2011, 49, 175-195.	3.5	235
11	Mitochondrial complex II has a key role in mitochondrial-derived reactive oxygen species influence on plant stress gene regulation and defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10768-10773.	3.3	206
12	<i>Phytophthora infestans</i> effector AVRblb2 prevents secretion of a plant immune protease at the haustorial interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20832-20837.	3.3	285
13	A Cellular Roadmap for the Plant Kingdom. <i>Science</i> , 2011, 333, 532-533.	6.0	16
14	Direct Ubiquitination of Pattern Recognition Receptor FLS2 Attenuates Plant Innate Immunity. <i>Science</i> , 2011, 332, 1439-1442.	6.0	510
17	Specific Threonine Phosphorylation of a Host Target by Two Unrelated Type III Effectors Activates a Host Innate Immune Receptor in Plants. <i>Cell Host and Microbe</i> , 2011, 9, 125-136.	5.1	168
18	Structural and Functional Analysis of a Plant Resistance Protein TIR Domain Reveals Interfaces for Self-Association, Signaling, and Autoregulation. <i>Cell Host and Microbe</i> , 2011, 9, 200-211.	5.1	301
19	LEAFY Target Genes Reveal Floral Regulatory Logic, cis Motifs, and a Link to Biotic Stimulus Response. <i>Developmental Cell</i> , 2011, 20, 430-443.	3.1	239
20	Activation of plant pattern-recognition receptors by bacteria. <i>Current Opinion in Microbiology</i> , 2011, 14, 54-61.	2.3	264

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21	Warriors at the gate that never sleep: Non-host resistance in plants. <i>Journal of Plant Physiology</i> , 2011, 168, 2141-2152.	1.6	55
22	Innate immunity in rice. <i>Trends in Plant Science</i> , 2011, 16, 451-459.	4.3	165
23	The impact of temperature on balancing immune responsiveness and growth in Arabidopsis. <i>Trends in Plant Science</i> , 2011, 16, 666-675.	4.3	113
24	Independently Evolved Virulence Effectors Converge onto Hubs in a Plant Immune System Network. <i>Science</i> , 2011, 333, 596-601.	6.0	776
25	Mining Disease-Resistance Genes in Roses: Functional and Molecular Characterization of the Rdr1 Locus. <i>Frontiers in Plant Science</i> , 2011, 2, 35.	1.7	39
26	Transcriptional Plant Responses Critical for Resistance Towards Necrotrophic Pathogens. <i>Frontiers in Plant Science</i> , 2011, 2, 76.	1.7	47
27	The Receptor-Like Kinase SERK3/BAK1 Is Required for Basal Resistance against the Late Blight Pathogen <i>Phytophthora infestans</i> in <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2011, 6, e16608.	1.1	170
28	GENE-Counter: A Computational Pipeline for the Analysis of RNA-Seq Data for Gene Expression Differences. <i>PLoS ONE</i> , 2011, 6, e25279.	1.1	66
29	An Autoactive Mutant of the M Flax Rust Resistance Protein Has a Preference for Binding ATP, Whereas Wild-Type M Protein Binds ADP. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 897-906.	1.4	141
30	<i>EMS1</i> -Like Genes Are Required for Full <i>RPP7</i> -Mediated Race-Specific Immunity and Basal Defense in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1573-1581.	1.4	28
31	The role of effectors of biotrophic and hemibiotrophic fungi in infection. <i>Cellular Microbiology</i> , 2011, 13, 1849-1857.	1.1	234
32	Exploiting natural variation to identify insect resistance genes. <i>Plant Biotechnology Journal</i> , 2011, 9, 819-825.	4.1	95
33	Potential strategies and future requirements for plant disease management under a changing climate. <i>Plant Pathology</i> , 2011, 60, 100-112.	1.2	147
34	The receptor-like kinase <i>SISERK1</i> is required for <i>Mi1</i> -mediated resistance to potato aphids in tomato. <i>Plant Journal</i> , 2011, 67, 459-471.	2.8	82
35	<i>Pseudomonas syringae</i> colonizes distant tissues in <i>Nicotiana benthamiana</i> through xylem vessels. <i>Plant Journal</i> , 2011, 67, 774-782.	2.8	30
36	Rice <i>GL1</i> protein (GF14e) negatively affects cell death and disease resistance. <i>Plant Journal</i> , 2011, 68, 777-787.	2.8	72
37	Coevolutionary interactions between host resistance and pathogen effector genes in flax rust disease. <i>Molecular Plant Pathology</i> , 2011, 12, 93-102.	2.0	106
38	Spatial variation in disease resistance: from molecules to metapopulations. <i>Journal of Ecology</i> , 2011, 99, 96-112.	1.9	162

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39	Conservation and clade-specific diversification of pathogen-inducible tryptophan and indole glucosinolate metabolism in <i>Arabidopsis thaliana</i> relatives. <i>New Phytologist</i> , 2011, 192, 713-726.	3.5	100
40	Role of autophagy in disease resistance and hypersensitive response-associated cell death. <i>Cell Death and Differentiation</i> , 2011, 18, 1257-1262.	5.0	90
41	How filamentous pathogens co-opt plants: the ins and outs of fungal effectors. <i>Current Opinion in Plant Biology</i> , 2011, 14, 400-406.	3.5	211
42	Plant NB-LRR signaling: upstreams and downstreams. <i>Current Opinion in Plant Biology</i> , 2011, 14, 365-371.	3.5	137
43	New insights in plant immunity signaling activation. <i>Current Opinion in Plant Biology</i> , 2011, 14, 512-518.	3.5	114
44	Protein kinase signaling networks in plant innate immunity. <i>Current Opinion in Plant Biology</i> , 2011, 14, 519-529.	3.5	377
45	Antifungal bioactivity of 6-bromo-4-ethoxyethylthio quinazoline. <i>Pesticide Biochemistry and Physiology</i> , 2011, 101, 248-255.	1.6	20
46	Plant-Parasite Coevolution: Bridging the Gap between Genetics and Ecology. <i>Annual Review of Phytopathology</i> , 2011, 49, 345-367.	3.5	257
48	Genome-wide analysis of eukaryote thaumatin-like proteins (TLPs) with an emphasis on poplar. <i>BMC Plant Biology</i> , 2011, 11, 33.	1.6	111
49	Crystallization, X-ray diffraction analysis and preliminary structure determination of the TIR domain from the flax resistance protein L6. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 237-240.	0.7	3
50	Crystallization and X-ray diffraction analysis of the C-terminal domain of the flax rust effector protein AvrM. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1603-1607.	0.7	4
51	Proteomic analysis of defense response of wildtype <i>Arabidopsis thaliana</i> and plants with impaired NO homeostasis. <i>Proteomics</i> , 2011, 11, 1664-1683.	1.3	55
52	N-glycoproteomics in plants: Perspectives and challenges. <i>Journal of Proteomics</i> , 2011, 74, 1463-1474.	1.2	50
53	S-Nitrosoglutathione reductase (GSNOR) mediates the biosynthesis of jasmonic acid and ethylene induced by feeding of the insect herbivore <i>Manduca sexta</i> and is important for jasmonate-elicited responses in <i>Nicotiana attenuata</i> . <i>Journal of Experimental Botany</i> , 2011, 62, 4605-4616.	2.4	69
54	The Poplar-Poplar Rust Interaction: Insights from Genomics and Transcriptomics. <i>Journal of Pathogens</i> , 2011, 2011, 1-11.	0.9	66
55	RNA-Seq Analysis of a Soybean Near-Isogenic Line Carrying Bacterial Leaf Pustule-Resistant and -Susceptible Alleles. <i>DNA Research</i> , 2011, 18, 483-497.	1.5	96
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58	Structures of Phytophthora RXLR Effector Proteins. Journal of Biological Chemistry, 2011, 286, 35834-35842.	1.6	178
59	Expanded functions for a family of plant intracellular immune receptors beyond specific recognition of pathogen effectors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16463-16468.	3.3	346
60	Gene Gain and Loss during Evolution of Obligate Parasitism in the White Rust Pathogen of Arabidopsis thaliana. PLoS Biology, 2011, 9, e1001094.	2.6	271
61	Phosphorylation-Dependent Differential Regulation of Plant Growth, Cell Death, and Innate Immunity by the Regulatory Receptor-Like Kinase BAK1. PLoS Genetics, 2011, 7, e1002046.	1.5	439
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63	HR4 Gene Is Induced in the Arabidopsis-Trichoderma atroviride Beneficial Interaction. International Journal of Molecular Sciences, 2012, 13, 9110-9128.	1.8	21
64	Specific Missense Alleles of the Arabidopsis Jasmonic Acid Co-Receptor COI1 Regulate Innate Immune Receptor Accumulation and Function. PLoS Genetics, 2012, 8, e1003018.	1.5	25
65	The Cysteine Rich Necrotrophic Effector SnTox1 Produced by Stagonospora nodorum Triggers Susceptibility of Wheat Lines Harboring Snn1. PLoS Pathogens, 2012, 8, e1002467.	2.1	233
66	Structure-Function Analysis of Barley NLR Immune Receptor MLA10 Reveals Its Cell Compartment Specific Activity in Cell Death and Disease Resistance. PLoS Pathogens, 2012, 8, e1002752.	2.1	219
67	Silencing and Innate Immunity in Plant Defense Against Viral and Non-Viral Pathogens. Viruses, 2012, 4, 2578-2597.	1.5	214
68	Molecular Determinants of Resistance Activation and Suppression by Phytophthora infestans Effector IPI-O. PLoS Pathogens, 2012, 8, e1002595.	2.1	103
69	Intramolecular Interaction Influences Binding of the Flax L5 and L6 Resistance Proteins to their AvrL567 Ligands. PLoS Pathogens, 2012, 8, e1003004.	2.1	93
70	Effector-triggered post-translational modifications and their role in suppression of plant immunity. Frontiers in Plant Science, 2012, 3, 160.	1.7	32
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73	Dual disease resistance mediated by the immune receptor Cf-2 in tomato requires a common virulence target of a fungus and a nematode. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10119-10124.	3.3	246
74	Aberrant growth and lethality of Arabidopsis deficient in nonsense-mediated RNA decay factors is caused by autoimmune-like response. Nucleic Acids Research, 2012, 40, 5615-5624.	6.5	108
75	Can silencing of transposons contribute to variation in effector gene expression in Phytophthora infestans?. Mobile Genetic Elements, 2012, 2, 110-114.	1.8	43

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77	Damaged-self recognition as a general strategy for injury detection. <i>Plant Signaling and Behavior</i> , 2012, 7, 576-580.	1.2	29
78	Recognition of Avirulence Gene <i>AvrLm1</i> from Hemibiotrophic Ascomycete <i>Leptosphaeria maculans</i> Triggers Salicylic Acid and Ethylene Signaling in <i>Brassica napus</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1238-1250.	1.4	62
79	Rhamnolipids Elicit Defense Responses and Induce Disease Resistance against Biotrophic, Hemibiotrophic, and Necrotrophic Pathogens That Require Different Signaling Pathways in <i>Arabidopsis</i> and Highlight a Central Role for Salicylic Acid. <i>Plant Physiology</i> , 2012, 160, 1630-1641.	2.3	115
80	Identification of immunogenic microbial patterns takes the fast lane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4029-4030.	3.3	9
81	Identification of innate immunity elicitors using molecular signatures of natural selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4215-4220.	3.3	81
82	<i>RCY1</i> -Mediated Resistance to <i>Cucumber mosaic virus</i> Is Regulated by LRR Domain-Mediated Interaction with CMV(Y) Following Degradation of <i>RCY1</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1171-1185.	1.4	29
83	RNA-Seq of Early-Infected Poplar Leaves by the Rust Pathogen <i>Melampsora larici-populina</i> Uncovers <i>PtSultr3;5</i> , a Fungal-Induced Host Sulfate Transporter. <i>PLoS ONE</i> , 2012, 7, e44408.	1.1	57
84	The U-Box E3 Ligase <i>SPL11/PUB13</i> Is a Convergence Point of Defense and Flowering Signaling in Plants. <i>Plant Physiology</i> , 2012, 160, 28-37.	2.3	73
85	Quantitative Proteomics Reveals Dynamic Changes in the Plasma Membrane During <i>Arabidopsis</i> Immune Signaling. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.014555.	2.5	100
86	<i>Caenorhabditis elegans</i> , a Model Organism for Investigating Immunity. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2075-2081.	1.4	158
87	Regulation of Cell Wall-Bound Invertase in Pepper Leaves by <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Type Three Effectors. <i>PLoS ONE</i> , 2012, 7, e51763.	1.1	54
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90	A Comprehensive Analysis of Genes Encoding Small Secreted Proteins Identifies Candidate Effectors in <i>Melampsora larici-populina</i> (Poplar Leaf Rust). <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 279-293.	1.4	150
91	N-Terminal Motifs in Some Plant Disease Resistance Proteins Function in Membrane Attachment and Contribute to Disease Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 379-392.	1.4	62
92	Effector Recognition and Activation of the <i>Arabidopsis thaliana</i> NLR Innate Immune Receptors. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2012, 77, 249-257.	2.0	12
93	Tomato immune receptor <i>Ve1</i> recognizes effector of multiple fungal pathogens uncovered by genome and RNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5110-5115.	3.3	491

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94	Programmed Cell Death and Heterokaryon Incompatibility in Filamentous Fungi. , 2012, , 115-138.		5
95	Towards an integrated molecular model of plant-virus interactions. <i>Current Opinion in Virology</i> , 2012, 2, 719-724.	2.6	54
96	Genome evolution in filamentous plant pathogens: why bigger can be better. <i>Nature Reviews Microbiology</i> , 2012, 10, 417-430.	13.6	735
97	Effector-Triggered Immunity Signaling: From Gene-for-Gene Pathways to Protein-Protein Interaction Networks. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 862-868.	1.4	90
98	Effector Biology of Plant-Associated Organisms: Concepts and Perspectives. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2012, 77, 235-247.	2.0	355
99	Genetic and molecular basis of nonhost disease resistance: complex, yes; silver bullet, no. <i>Current Opinion in Plant Biology</i> , 2012, 15, 400-406.	3.5	55
100	Genes for Plant Autophagy: Functions and Interactions. <i>Molecules and Cells</i> , 2012, 34, 413-424.	1.0	66
101	Molecular Communications between Plant Heat Shock Responses and Disease Resistance. <i>Molecules and Cells</i> , 2012, 34, 109-116.	1.0	47
102	Brassinosteroids modulate plant immunity at multiple levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7-8.	3.3	103
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106	Receptor Kinase Signaling Pathways in Plant-Microbe Interactions. <i>Annual Review of Phytopathology</i> , 2012, 50, 451-473.	3.5	204
107	SseF, a type III effector protein from the mammalian pathogen <i>Salmonella enterica</i> , requires resistance-gene-mediated signalling to activate cell death in the model plant <i>Nicotiana benthamiana</i> . <i>New Phytologist</i> , 2012, 194, 1046-1060.	3.5	38
108	Origin, Diversity, Expansion History, and Functional Evolution of the Plant Receptor-Like Kinase/Pelle Family. <i>Signaling and Communication in Plants</i> , 2012, , 1-22.	0.5	17
109	Diversity, classification and function of the plant protein kinase superfamily. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2619-2639.	1.8	277
110	Pathogen-Induced Accumulation of an Ellagitannin Elicits Plant Defense Response. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1430-1439.	1.4	22
111	Copy Number Variation of Multiple Genes at <i>Rhg1</i> Mediates Nematode Resistance in Soybean. <i>Science</i> , 2012, 338, 1206-1209.	6.0	535

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112	Transcriptome profiling of resistant and susceptible Cavendish banana roots following inoculation with <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> tropical race 4. <i>BMC Genomics</i> , 2012, 13, 374.	1.2	146
113	Homologous RXLR effectors from <i>Hyaloperonospora arabidopsidis</i> and <i>Phytophthora sojae</i> suppress immunity in distantly related plants. <i>Plant Journal</i> , 2012, 72, 882-893.	2.8	88
114	Host-Parasite Interactions and Trade-offs Between Growth- and Defence-Related Metabolism Under Changing Environments. <i>Ecological Studies</i> , 2012, , 53-83.	0.4	11
117	Plant Innate Immunity: Perception of Conserved Microbial Signatures. <i>Annual Review of Plant Biology</i> , 2012, 63, 451-482.	8.6	304
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120	A life or death switch. <i>Nature</i> , 2012, 486, 198-199.	13.7	29
121	Defining the core <i>Arabidopsis thaliana</i> root microbiome. <i>Nature</i> , 2012, 488, 86-90.	13.7	2,475
122	Chemical warfare or modulators of defence responses – the function of secondary metabolites in plant immunity. <i>Current Opinion in Plant Biology</i> , 2012, 15, 407-414.	3.5	176
123	Oomycetes, effectors, and all that jazz. <i>Current Opinion in Plant Biology</i> , 2012, 15, 483-492.	3.5	232
124	Molecular and spatial constraints on NB-LRR receptor signaling. <i>Current Opinion in Plant Biology</i> , 2012, 15, 385-391.	3.5	44
125	Plant pattern recognition receptor complexes at the plasma membrane. <i>Current Opinion in Plant Biology</i> , 2012, 15, 349-357.	3.5	626
126	Recent Insights into Plant-Virus Interactions through Proteomic Analysis. <i>Journal of Proteome Research</i> , 2012, 11, 4765-4780.	1.8	72
127	Signaling and Communication in Plant Symbiosis. <i>Signaling and Communication in Plants</i> , 2012, , .	0.5	20
128	Exploring the potential of symbiotic fungal endophytes in cereal disease suppression. <i>Biological Control</i> , 2012, 63, 69-78.	1.4	50
129	Biocommunication of Fungi. , 2012, , .		22
130	De Novo Foliar Transcriptome of <i>Chenopodium amaranticolor</i> and Analysis of Its Gene Expression During Virus-Induced Hypersensitive Response. <i>PLoS ONE</i> , 2012, 7, e45953.	1.1	30
131	A Meta-Analysis Reveals the Commonalities and Differences in <i>Arabidopsis thaliana</i> Response to Different Viral Pathogens. <i>PLoS ONE</i> , 2012, 7, e40526.	1.1	64
132	Dissecting <i>Phaseolus vulgaris</i> Innate Immune System against <i>Colletotrichum lindemuthianum</i> Infection. <i>PLoS ONE</i> , 2012, 7, e43161.	1.1	36



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133	Transcript Profiling of Different <i>Arabidopsis thaliana</i> Ecotypes in Response to Tobacco etch potyvirus Infection. <i>Frontiers in Microbiology</i> , 2012, 3, 229.	1.5	24
134	An Overview of Plant Photosynthesis Modulation by Pathogen Attacks. , 0, , .		5
135	Olive â€“ <i>Colletotrichum acutatum</i> : An Example of Fruit-Fungal Interaction. , 2012, , .		1
136	The Conjugated Auxin Indole-3-Acetic Acidâ€™Aspartic Acid Promotes Plant Disease Development. <i>Plant Cell</i> , 2012, 24, 762-777.	3.1	117
137	Thionins - Natureâ€™s Weapons of Mass Protection. <i>ACS Symposium Series</i> , 2012, , 415-443.	0.5	1
138	Sulfurâ€™Containing Secondary Metabolites from <i>Arabidopsis thaliana</i> and other Brassicaceae with Function in Plant Immunity. <i>ChemBioChem</i> , 2012, 13, 1846-1859.	1.3	71
139	Expression profiling of genes involved in the biotrophic colonisation of <i>Coffea arabica</i> leaves by <i>Hemileia vastatrix</i> . <i>European Journal of Plant Pathology</i> , 2012, 133, 261-277.	0.8	14
140	Citrus genomics. <i>Tree Genetics and Genomes</i> , 2012, 8, 611-626.	0.6	104
141	Cassava Bacterial Blight: Using Genomics for the Elucidation and Management of an Old Problem. <i>Tropical Plant Biology</i> , 2012, 5, 117-126.	1.0	60
142	Trafficking at the host cell surface during plant immune responses. <i>Journal of Plant Biology</i> , 2012, 55, 185-190.	0.9	8
143	Characterization and genetic analysis of an EIN4-like sequence (CaETR-1) located in QTLAR1 implicated in ascochyta blight resistance in chickpea. <i>Plant Cell Reports</i> , 2012, 31, 1033-1042.	2.8	33
144	The transcriptome of the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> (DAOM 197198) reveals functional tradeoffs in an obligate symbiont. <i>New Phytologist</i> , 2012, 193, 755-769.	3.5	305
145	454â€™pyrosequencing of <i>Coffea arabica</i> leaves infected by the rust fungus <i>Hemileia vastatrix</i> reveals <i>in planta</i> -expressed pathogenâ€™secreted proteins and plant functions in a late compatible plantâ€™rust interaction. <i>Molecular Plant Pathology</i> , 2012, 13, 17-37.	2.0	81
146	Disease Resistance in Maize and the Role of Molecular Breeding in Defending Against Global Threat. <i>Journal of Integrative Plant Biology</i> , 2012, 54, 134-151.	4.1	68
147	Interaction of barley powdery mildew effector candidate <i>CSEP0055</i> with the defence protein <i>PR17c</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 1110-1119.	2.0	115
148	RPN1a, a 26S proteasome subunit, is required for innate immunity in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2012, 71, 1015-1028.	2.8	56
149	Rapid genetic change underpins antagonistic coevolution in a natural hostâ€™pathogen metapopulation. <i>Ecology Letters</i> , 2012, 15, 425-435.	3.0	189
150	Activation of a plant nucleotide binding-leucine rich repeat disease resistance protein by a modified self protein. <i>Cellular Microbiology</i> , 2012, 14, 1071-1084.	1.1	77

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151	Quantitative Interactor Screening with next-generation Sequencing (QIS-Seq) identifies <i>Arabidopsis thaliana</i> MLO2 as a target of the <i>Pseudomonas syringae</i> type III effector HopZ2. <i>BMC Genomics</i> , 2012, 13, 8.	1.2	85
152	Plant-Pathogen Interactions: What Microarray Tells About It?. <i>Molecular Biotechnology</i> , 2012, 50, 87-97.	1.3	38
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155	Modulation of plant immunity by light, circadian rhythm, and temperature. <i>Current Opinion in Plant Biology</i> , 2013, 16, 406-413.	3.5	151
156	The Role of Prophage in Plant-Pathogenic Bacteria. <i>Annual Review of Phytopathology</i> , 2013, 51, 429-451.	3.5	76
157	Genome analyses of the wheat yellow (stripe) rust pathogen <i>Puccinia striiformis</i> f. sp. <i>tritici</i> reveal polymorphic and haustorial expressed secreted proteins as candidate effectors. <i>BMC Genomics</i> , 2013, 14, 270.	1.2	235
158	Functional dissection of the <i>PROPEP2</i> and <i>PROPEP3</i> promoters reveals the importance of <i>WRKY</i> factors in mediating microbe-associated molecular pattern-induced expression. <i>New Phytologist</i> , 2013, 198, 1165-1177.	3.5	56
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160	Engineered resistance and hypersusceptibility through functional metabolic studies of 100 genes in soybean to its major pathogen, the soybean cyst nematode. <i>Planta</i> , 2013, 237, 1337-1357.	1.6	72
161	The <i>Magnaporthe oryzae</i> effector <i>AVR-CO39</i> is translocated into rice cells independently of a fungal-derived machinery. <i>Plant Journal</i> , 2013, 74, 1-12.	2.8	91
162	Haplotype variability and identification of new functional alleles at the <i>Rdg2a</i> leaf stripe resistance gene locus. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1575-1586.	1.8	9
163	Poplar genetic engineering: promoting desirable wood characteristics and pest resistance. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5669-5679.	1.7	81
164	A Recessive Resistance to <i>Rice yellow mottle virus</i> Is Associated with a Rice Homolog of the <i>CPR5</i> Gene, a Regulator of Active Defense Mechanisms. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 1455-1463.	1.4	49
165	Structural Basis for Signaling by Exclusive EDS1 Heteromeric Complexes with <i>SAG101</i> or <i>PAD4</i> in Plant Innate Immunity. <i>Cell Host and Microbe</i> , 2013, 14, 619-630.	5.1	227
166	Not to be suppressed? Rethinking the host response at a root-parasite interface. <i>Plant Science</i> , 2013, 213, 9-17.	1.7	20
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171	From pathogen genomes to host plant processes: the power of plant parasitic oomycetes. <i>Genome Biology</i> , 2013, 14, 211.	3.8	64
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175	Pivoting the Plant Immune System from Dissection to Deployment. <i>Science</i> , 2013, 341, 746-751.	6.0	1,008
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179	Proteomic analysis of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> tropical race 4-inoculated response to <i>Fusarium</i> wilts in the banana root cells. <i>Proteome Science</i> , 2013, 11, 41.	0.7	46
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186	A novel role of <i>PR2</i> in abscisic acid (ABA) mediated, pathogen-induced callose deposition in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2013, 200, 1187-1199.	3.5	129
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208	The <i>Phytophthora sojae</i> <i>Avr1d</i> Gene Encodes an RxLR-dEER Effector with Presence and Absence Polymorphisms Among Pathogen Strains. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 958-968.	1.4	43
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212	Mechanism of plant-microbe interaction and its utilization in disease-resistance breeding for modern agriculture. <i>Physiological and Molecular Plant Pathology</i> , 2013, 83, 51-58.	1.3	32
213	The <i>AvrB_AvrC</i> Domain of <i>AvrXccC</i> of <i>Xanthomonas campestris</i> pv. <i>campestris</i> Is Required to Elicit Plant Defense Responses and Manipulate ABA Homeostasis. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 419-430.	1.4	24
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747	Mycorrhizal Association and Their Role in Plant Disease Protection. , 2016, , 95-143.		5
748	Evolutionary Dynamics of the Leucine-Rich Repeat Receptor-Like Kinase (LRR-RLK) Subfamily in Angiosperms. <i>Plant Physiology</i> , 2016, 170, 1595-1610.	2.3	114
749	Identification and characterization of virulence-related effectors in the cucumber anthracnose fungus <i>Colletotrichum orbiculare</i> . <i>Physiological and Molecular Plant Pathology</i> , 2016, 95, 87-92.	1.3	4
750	The dual edge of RNA silencing suppressors in the virusâ€host interactions. <i>Current Opinion in Virology</i> , 2016, 17, 39-44.	2.6	57
751	The Arabidopsis NADPH oxidases <i>RbohD</i> and <i>RbohF</i> display differential expression patterns and contributions during plant immunity. <i>Journal of Experimental Botany</i> , 2016, 67, 1663-1676.	2.4	161
752	Plant phospholipases D and C and their diverse functions in stress responses. <i>Progress in Lipid Research</i> , 2016, 62, 55-74.	5.3	288
753	The Molecular Evolution of Xenobiotic Metabolism and Resistance in Chelicerate Mites. <i>Annual Review of Entomology</i> , 2016, 61, 475-498.	5.7	227
754	Chloroplasts at work during plant innate immunity. <i>Journal of Experimental Botany</i> , 2016, 67, 3845-3854.	2.4	187
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757	Evolution of behavioural and cellular defences against parasitoid wasps in the <i>Drosophila melanogaster</i> subgroup. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1016-1029.	0.8	30
758	The durably resistant rice cultivar <i>Digu</i> activates defence gene expression before the full maturation of <i>Magnaporthe oryzae</i> appressorium. <i>Molecular Plant Pathology</i> , 2016, 17, 354-368.	2.0	32
759	A highly efficient grapevine mesophyll protoplast system for transient gene expression and the study of disease resistance proteins. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 43-57.	1.2	62
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761	The wheat homolog of putative nucleotide-binding siteâ€leucine-rich repeat resistance gene TaRGA contributes to resistance against powdery mildew. <i>Functional and Integrative Genomics</i> , 2016, 16, 115-126.	1.4	14
762	Role of Plant Immune Signals and Signaling Systems in Plant Pathogenesis. <i>Signaling and Communication in Plants</i> , 2016, , 27-90.	0.5	1
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768	Friends or foes? Emerging insights from fungal interactions with plants. FEMS Microbiology Reviews, 2016, 40, 182-207.	3.9	238
769	An innate antiviral pathway acting before interferons at epithelial surfaces. Nature Immunology, 2016, 17, 150-158.	7.0	59
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776	Quantitative proteomics reveals the central changes of wheat in response to powdery mildew. Journal of Proteomics, 2016, 130, 108-119.	1.2	45
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781	Production of small cysteineâ€“rich effector proteins in <i>Escherichia coli</i> for structural and functional studies. Molecular Plant Pathology, 2017, 18, 141-151.	2.0	32
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786	Mis-placed Congeniality: When Pathogens Ask Their Plant Hosts for Another Drink. <i>Developmental Cell</i> , 2017, 40, 116-117.	3.1	2
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803	Plant Pathogenic Fungi. <i>Microbiology Spectrum</i> , 2017, 5, .	1.2	187
804	Molecular Mechanisms Regulating Cell Fusion and Heterokaryon Formation in Filamentous Fungi. <i>Microbiology Spectrum</i> , 2017, 5, .	1.2	54
805	Antiviral Resistance Protein Tm-2 <sup>2</sup> Functions on the Plasma Membrane. <i>Plant Physiology</i> , 2017, 173, 2399-2410.	2.3	59
806	Infection and symptom development by citrus scab pathogen <i>Elsinoë fawcettii</i> on leaves of satsuma mandarin. <i>European Journal of Plant Pathology</i> , 2017, 148, 807-816.	0.8	6
807	An Atypical Thioredoxin Imparts Early Resistance to Sugarcane Mosaic Virus in Maize. <i>Molecular Plant</i> , 2017, 10, 483-497.	3.9	79
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810	Transcriptomic analysis of molecular responses in <i>Malus domestica</i> roots affected by apple replant disease. <i>Plant Molecular Biology</i> , 2017, 94, 303-318.	2.0	55
811	Plant Genomics. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	2
812	Breeding for grapevine downy mildew resistance: a review of economic approaches. <i>Euphytica</i> , 2017, 213, 1. 0.6	0.6	65
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814	The role of soil chemistry and plant neighbourhoods in structuring fungal communities in three Panamanian rainforests. <i>Journal of Ecology</i> , 2017, 105, 569-579.	1.9	55
815	<i>Arabidopsis</i> glycosylphosphatidylinositol-anchored protein LLG1 associates with and modulates FLS2 to regulate innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5749-5754.	3.3	85
816	Secondary Metabolism and the Rationale for Systems Manipulation. <i>Reference Series in Phytochemistry</i> , 2017, , 45-65.	0.2	0
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821	A look at plant immunity through the window of the multitasking coreceptor BAK1. <i>Current Opinion in Plant Biology</i> , 2017, 38, 10-18.	3.5	63
822	Taking the stage: effectors in the spotlight. <i>Current Opinion in Plant Biology</i> , 2017, 38, 25-33.	3.5	74
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824	iTRAQ-based proteomics of sunflower cultivars differing in resistance to parasitic weed <i>Orobanche cumana</i> . <i>Proteomics</i> , 2017, 17, 1700009.	1.3	30
825	How effectors promote beneficial interactions. <i>Current Opinion in Plant Biology</i> , 2017, 38, 148-154.	3.5	93
826	<i>GBF1</i> differentially regulates <i>CAT2</i> and <i>PAD4</i> transcription to promote pathogen defense in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2017, 91, 802-815.	2.8	49
827	Expansion of sesquiterpene biosynthetic gene clusters in pepper confers nonhost resistance to the Irish potato famine pathogen. <i>New Phytologist</i> , 2017, 215, 1132-1143.	3.5	37
828	What Do We Know About NOD-Like Receptors in Plant Immunity?. <i>Annual Review of Phytopathology</i> , 2017, 55, 205-229.	3.5	106
829	Tick Tock: Circadian Regulation of Plant Innate Immunity. <i>Annual Review of Phytopathology</i> , 2017, 55, 287-311.	3.5	76
830	The Tomato Kinase Pti1 Contributes to Production of Reactive Oxygen Species in Response to Two Flagellin-Derived Peptides and Promotes Resistance to <i>Pseudomonas syringae</i> Infection. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 725-738.	1.4	22
831	Transcriptomic and metabolomic analyses of cucumber fruit peels reveal a developmental increase in terpenoid glycosides associated with age-related resistance to <i>Phytophthora capsici</i> . <i>Horticulture Research</i> , 2017, 4, 17022.	2.9	54
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833	RING-H2-type E3 gene VpRH2 from <i>Vitis pseudoreticulata</i> improves resistance to powdery mildew by interacting with VpGRP2A. <i>Journal of Experimental Botany</i> , 2017, 68, 1669-1687.	2.4	32
834	Comprehensive Transcriptome Analyses Reveal that Potato Spindle Tuber Viroid Triggers Genome-Wide Changes in Alternative Splicing, Inducible <i>trans</i> -Acting Activity of Phased Secondary Small Interfering RNAs, and Immune Responses. <i>Journal of Virology</i> , 2017, 91, .	1.5	107
835	Gene expression profiling of virulence-associated proteins in planta during net blotch disease of barley. <i>Physiological and Molecular Plant Pathology</i> , 2017, 98, 69-79.	1.3	10
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839	CALCIUM-DEPENDENT PROTEIN KINASE5 Associates with the Truncated NLR Protein TIR-NBS2 to Contribute to <i>exo70B1</i> -Mediated Immunity. <i>Plant Cell</i> , 2017, 29, 746-759.	3.1	87
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841	Genetic dissection of the maize ( <i>Zea mays</i> L.) MAMP response. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1155-1168.	1.8	23
842	Use of RNA-seq data to identify and validate RT-qPCR reference genes for studying the tomato- <i>Pseudomonas</i> pathosystem. <i>Scientific Reports</i> , 2017, 7, 44905.	1.6	85
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844	The <i>Lr34</i> adult plant rust resistance gene provides seedling resistance in durum wheat without senescence. <i>Plant Biotechnology Journal</i> , 2017, 15, 894-905.	4.1	56
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846	Current Understandings of Plant Nonhost Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 5-15.	1.4	122
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850	Wheat Rust Diseases. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	3
851	Gaining Insight into Plant Responses to Beneficial and Pathogenic Microorganisms Using Metabolomic and Transcriptomic Approaches. , 2017, , 113-140.		4
852	Dynamic N-glycoproteome analysis of maize seedling leaves during de-etiolation using Concanavalin A lectin affinity chromatography and a nano-LC-MS/MS-based iTRAQ approach. <i>Plant Cell Reports</i> , 2017, 36, 1943-1958.	2.8	27
853	Soil-Plant-Microbe Interactions: Use of Nitrogen-Fixing Bacteria for Plant Growth and Development in Sugarcane. , 2017, , 35-59.		11
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866	Analysis of defense genes expression in maize upon infection with <i>Peronosclerospora sorghi</i> . Cereal Research Communications, 2017, 45, 272-283.	0.8	2
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868	Vesicle trafficking in plant immunity. Current Opinion in Plant Biology, 2017, 40, 34-42.	3.5	79
869	<i>Botrytis cinerea</i> B05.10 promotes disease development in <i>Arabidopsis</i> by suppressing WRKY33-mediated host immunity. Plant, Cell and Environment, 2017, 40, 2189-2206.	2.8	60
870	The study of pattern-triggered immunity in <i>Arabidopsis</i> . Canadian Journal of Plant Pathology, 2017, 39, 275-281.	0.8	1
871	Genetic analysis of virulence in the <i>Pyrenophora teres</i> f. <i>teres</i> population BB25 – FGOH04Ptt-21. Fungal Genetics and Biology, 2017, 107, 12-19.	0.9	27
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875	Genome-wide analysis of cytosine DNA methylation revealed salicylic acid promotes defense pathways over seedling development in pearl millet. <i>Plant Signaling and Behavior</i> , 2017, 12, e1356967.	1.2	13
876	Sensing Danger: Key to Activating Plant Immunity. <i>Trends in Plant Science</i> , 2017, 22, 779-791.	4.3	300
877	The accumulation of Î²-aminobutyric acid is controlled by the plant's immune system. <i>Planta</i> , 2017, 246, 791-796.	1.6	19
878	A plant effector-triggered immunity signaling sector is inhibited by pattern-triggered immunity. <i>EMBO Journal</i> , 2017, 36, 2758-2769.	3.5	69
879	Multifaceted defense and counter-defense in co-evolutionary arms race between plants and viruses. <i>Communicative and Integrative Biology</i> , 2017, 10, e1341025.	0.6	6
880	An oomycete plant pathogen reprograms host pre-mRNA splicing to subvert immunity. <i>Nature Communications</i> , 2017, 8, 2051.	5.8	84
881	RNA-seq analysis provides insight into reprogramming of culm development in <i>Zizania latifolia</i> induced by <i>Ustilago esculenta</i> . <i>Plant Molecular Biology</i> , 2017, 95, 533-547.	2.0	43
882	Shifts in microbial communities in soil, rhizosphere and roots of two major crop systems under elevated CO <sub>2</sub> and O <sub>3</sub> . <i>Scientific Reports</i> , 2017, 7, 15019.	1.6	75
883	Identification of spinach SIAMESE and analysis of its function in plant immunity. <i>Canadian Journal of Plant Pathology</i> , 2017, 39, 176-183.	0.8	1
884	NLR network mediates immunity to diverse plant pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8113-8118.	3.3	330
885	Silencing of <i>AtRAP</i> , a target gene of a bacteria-induced small RNA, triggers antibacterial defense responses through activation of <i>LSU2</i> and down-regulation of <i>GLK1</i> . <i>New Phytologist</i> , 2017, 215, 1144-1155.	3.5	14
886	Cross-talk of the biotrophic pathogen <i>Claviceps purpurea</i> and its host <i>Secale cereale</i> . <i>BMC Genomics</i> , 2017, 18, 273.	1.2	19
887	A candidate RxLR effector from <i>Plasmopara viticola</i> can elicit immune responses in <i>Nicotiana benthamiana</i> . <i>BMC Plant Biology</i> , 2017, 17, 75.	1.6	43
888	The Nep1-like protein family of <i>Magnaporthe oryzae</i> is dispensable for the infection of rice plants. <i>Scientific Reports</i> , 2017, 7, 4372.	1.6	43
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893	Dysfunction of Arabidopsis <i>MACPF</i> domain protein activates programmed cell death via tryptophan metabolism in <i>MAMP</i> -triggered immunity. <i>Plant Journal</i> , 2017, 89, 381-393.	2.8	34
894	Advances on plant-pathogen interactions from molecular toward systems biology perspectives. <i>Plant Journal</i> , 2017, 90, 720-737.	2.8	81
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1020	Limited role of spatial self-structuring in emergent trade-offs during pathogen evolution. <i>Scientific Reports</i> , 2018, 8, 12476.	1.6	4
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1039	Gene coexpression network analysis combined with metabolomics reveals the resistance responses to powdery mildew in Tibetan hullless barley. <i>Scientific Reports</i> , 2018, 8, 14928.	1.6	54
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1047	Transfer RNA modification and infection – Implications for pathogenicity and host responses. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 419-432.	0.9	42
1048	The intracellular nucleotide-binding leucine-rich repeat receptor (SINRC4a) enhances immune signalling elicited by extracellular perception. <i>Plant, Cell and Environment</i> , 2018, 41, 2313-2327.	2.8	38
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1099	A Genomic View of Biotic Stress Resistance. <i>Compendium of Plant Genomes</i> , 2018, , 233-257.	0.3	0
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1103	Plant Small Non-coding RNAs and Their Roles in Biotic Stresses. <i>Frontiers in Plant Science</i> , 2018, 9, 1038.	1.7	98
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1108	Comprehensive analysis of <i>Verticillium nonalfalfae</i> in silico secretome uncovers putative effector proteins expressed during hop invasion. <i>PLoS ONE</i> , 2018, 13, e0198971.	1.1	51

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1125	Isolation and characterisation of chitin elicitor binding protein (CEBiP) gene in <i>Oryza sativa</i> variety UKMRC9. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
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1142	Comparative transcriptome analysis of cabbage ( <i>Brassica oleracea</i> var. capitata) infected by <i>Plasmodiophora brassicae</i> reveals drastic defense response at secondary infection stage. <i>Plant and Soil</i> , 2019, 443, 167-183.	1.8	21
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1161	Protein Elicitor PeaT1 Efficiently Controlled Barley Yellow Dwarf Virus in Wheat. <i>Agriculture (Switzerland)</i> , 2019, 9, 193.	1.4	1
1162	The Origin, Succession, and Predicted Metabolism of Bacterial Communities Associated with Leaf Decomposition. <i>MBio</i> , 2019, 10, .	1.8	9
1163	NAD <sup>+</sup> cleavage activity by animal and plant TIR domains in cell death pathways. <i>Science</i> , 2019, 365, 793-799.	6.0	357



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1166	A sensitive and rapid RNA silencing suppressor activity assay based on alfalfa mosaic virus expression vector. <i>Virus Research</i> , 2019, 272, 197733.	1.1	8
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1169	Molecular characterization of the ERF family in susceptible poplar infected by virulent <i>Melampsora larici-populina</i> . <i>Physiological and Molecular Plant Pathology</i> , 2019, 108, 101437.	1.3	7
1170	Effect of temperature on Pi54-mediated leaf blast resistance in rice. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 148.	1.7	9
1171	Plant Immune Responses to Parasitic Nematodes. <i>Frontiers in Plant Science</i> , 2019, 10, 1165.	1.7	113
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1175	A maize cytochrome <i>b</i> complex subunit protein ZmQCR7 controls variation in the hypersensitive response. <i>Planta</i> , 2019, 249, 1477-1485.	1.6	10
1176	Molecular and Functional Characterization of Elicitor PeBC1 Extracted from <i>Botrytis cinerea</i> Involved in the Induction of Resistance against Green Peach Aphid ( <i>Myzus persicae</i> ) in Common Beans ( <i>Phaseolus vulgaris</i> L.). <i>Insects</i> , 2019, 10, 35.	1.0	14
1177	Contribution of Microbial Inter-kingdom Balance to Plant Health. <i>Molecular Plant</i> , 2019, 12, 148-149.	3.9	12
1178	Plant NLRs with Integrated Domains: Unity Makes Strength. <i>Plant Physiology</i> , 2019, 179, 1227-1235.	2.3	49
1179	Transgressive segregation reveals mechanisms of <i>Arabidopsis</i> immunity to <i>Brassica</i> -infecting races of white rust ( <i>Albugo candida</i> ). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2767-2773.	3.3	57
1180	GhCyP3 improves the resistance of cotton to <i>Verticillium dahliae</i> by inhibiting the E3 ubiquitin ligase activity of GhPUB17. <i>Plant Molecular Biology</i> , 2019, 99, 379-393.	2.0	18
1181	The repertoire of effector candidates in <i>Colletotrichum lindemuthianum</i> reveals important information about <i>Colletotrichum</i> genus lifestyle. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2295-2309.	1.7	11

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1183	Transcriptome Analysis of Watermelon Leaves Reveals Candidate Genes Responsive to Cucumber green mottle mosaic virus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 610.	1.8	26
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1185	Impacts on soil microbial characteristics and their restorability with different soil disinfection approaches in intensively cropped greenhouse soils. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6369-6383.	1.7	35
1186	Early Leads to Mechanisms of Plant Cultivar-Specific Disease Resistance. <i>Plant Cell</i> , 2019, 31, 1410-1411.	3.1	2
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1188	Defense and Counterdefense During Plant-Pathogenic Oomycete Infection. <i>Annual Review of Microbiology</i> , 2019, 73, 667-696.	2.9	123
1189	Transcriptional Insight Into Brassica napus Resistance Genes LepR3 and Rlm2-Mediated Defense Response Against the <i>Leptosphaeria maculans</i> Infection. <i>Frontiers in Plant Science</i> , 2019, 10, 823.	1.7	13
1190	Comparative transcriptome analysis reveals defense responses against soft rot in Chinese cabbage. <i>Horticulture Research</i> , 2019, 6, 68.	2.9	34
1191	Diversity and Evolution of Type III Secreted Effectors: A Case Study of Three Families. <i>Current Topics in Microbiology and Immunology</i> , 2019, 427, 201-230.	0.7	9
1192	Chloramphenicol inhibits eukaryotic Ser/Thr phosphatase and infection-specific cell differentiation in the rice blast fungus. <i>Scientific Reports</i> , 2019, 9, 9283.	1.6	4
1193	A Comparative Transcriptomic and Proteomic Analysis of Hexaploid Wheat's Responses to Colonization by <i>Bacillus velezensis</i> and <i>Gaeumannomyces graminis</i> , Both Separately and Combined. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1336-1347.	1.4	22
1194	Plant Immunity: Thinking Outside and Inside the Box. <i>Trends in Plant Science</i> , 2019, 24, 587-601.	4.3	111
1195	Secreted protein MoHrip2 is required for full virulence of <i>Magnaporthe oryzae</i> and modulation of rice immunity. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6153-6167.	1.7	9
1196	NLR singletons, pairs, and networks: evolution, assembly, and regulation of the intracellular immunoreceptor circuitry of plants. <i>Current Opinion in Plant Biology</i> , 2019, 50, 121-131.	3.5	187
1197	Nitric oxide in plant-fungal interactions. <i>Journal of Experimental Botany</i> , 2019, 70, 4489-4503.	2.4	42
1198	The immune repressor BIR1 contributes to antiviral defense and undergoes transcriptional and post-transcriptional regulation during viral infections. <i>New Phytologist</i> , 2019, 224, 421-438.	3.5	16
1199	Specific differentially expressed genes in response to powdery mildew infection in <i>Fragaria vesca</i> L. <i>Journal of Berry Research</i> , 2019, 9, 363-375.	0.7	0

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1201	Animal NLRs continue to inform plant NLR structure and function. <i>Archives of Biochemistry and Biophysics</i> , 2019, 670, 58-68.	1.4	23
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1205	Epigenetics in the plant-virus interaction. <i>Plant Cell Reports</i> , 2019, 38, 1031-1038.	2.8	35
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1207	Using Dynamic Changes of Chlorophyll Fluorescence in <i>Arabidopsis thaliana</i> to Evaluate Plant Immunity-Intensifying <i>Bacillus</i> spp. Strains. <i>Phytopathology</i> , 2019, 109, 1566-1576.	1.1	6
1208	Identification and Functional Characterization of an Effector Secreted by <i>Cronartium ribicola</i> . <i>Phytopathology</i> , 2019, 109, 942-951.	1.1	7
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1210	DNA Methylation Analysis of the <i>Citrullus lanatus</i> Response to Cucumber Green Mottle Mosaic Virus Infection by Whole-Genome Bisulfite Sequencing. <i>Genes</i> , 2019, 10, 344.	1.0	30
1211	Regulation of WRKY genes in plant defence with beneficial fungus <i>Trichoderma</i> : current perspectives and future prospects. <i>Archives of Phytopathology and Plant Protection</i> , 2019, 52, 1-17.	0.6	44
1212	A Remorin from <i>Nicotiana benthamiana</i> Interacts with the <i>Pseudomonas</i> Type-III Effector Protein HopZ1a and is Phosphorylated by the Immune-Related Kinase PBS1. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1229-1242.	1.4	24
1213	PRRs and NB-LRRs: From Signal Perception to Activation of Plant Innate Immunity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1882.	1.8	60
1214	Genomic Plasticity Mediated by Transposable Elements in the Plant Pathogenic Fungus <i>Colletotrichum higginsianum</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 1487-1500.	1.1	47
1215	BjuWRR1, a CC-NB-LRR gene identified in <i>Brassica juncea</i> , confers resistance to white rust caused by <i>Albugo candida</i> . <i>Theoretical and Applied Genetics</i> , 2019, 132, 2223-2236.	1.8	50
1216	Malus Hosts-Erwinia amylovora Interactions: Strain Pathogenicity and Resistance Mechanisms. <i>Frontiers in Plant Science</i> , 2019, 10, 551.	1.7	38
1217	Calcium-Nutrient and Messenger. <i>Frontiers in Plant Science</i> , 2019, 10, 440.	1.7	316

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1219	Molecular Evolution of <i>Pseudomonas syringae</i> Type III Secreted Effector Proteins. <i>Frontiers in Plant Science</i> , 2019, 10, 418.	1.7	121
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1223	Mal de Cuarto virus infection causes hormone imbalance and sugar accumulation in wheat leaves. <i>BMC Plant Biology</i> , 2019, 19, 112.	1.6	18
1224	Importance of <i>OsRac1</i> and <i>RAI1</i> in signalling of nucleotide-binding site leucine-rich repeat protein-mediated resistance to rice blast disease. <i>New Phytologist</i> , 2019, 223, 828-838.	3.5	27
1225	Transcriptome-based identification and validation of reference genes for plant-bacteria interaction studies using <i>Nicotiana benthamiana</i> . <i>Scientific Reports</i> , 2019, 9, 1632.	1.6	34
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1227	<i>Phytophthora sojae</i> Effector <i>PsAvh240</i> Inhibits Host Aspartic Protease Secretion to Promote Infection. <i>Molecular Plant</i> , 2019, 12, 552-564.	3.9	60
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1230	Identification of Candidate Ergosterol-Responsive Proteins Associated with the Plasma Membrane of <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 1302.	1.8	17
1231	<i>RRM</i> Transcription Factors Interact with <i>NLRs</i> and Regulate Broad-Spectrum Blast Resistance in Rice. <i>Molecular Cell</i> , 2019, 74, 996-1009.e7.	4.5	69
1232	An <i>EFR</i> chimera confers enhanced resistance to bacterial pathogens by <i>SOBIR1</i> and <i>BAK1</i> dependent recognition of <i>elf18</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 751-764.	2.0	19
1233	<i>Plasmopara viticola</i> effector <i>PvRXLR131</i> suppresses plant immunity by targeting plant receptor-like kinase inhibitor <i>BK1</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 765-783.	2.0	27
1234	The <i>Gossypium hirsutum</i> <i>TIR-NBS-LRR</i> gene <i>GhDSC1</i> mediates resistance against <i>Verticillium</i> wilt. <i>Molecular Plant Pathology</i> , 2019, 20, 857-876.	2.0	46
1235	Genetic Engineering in Coffee. , 2019, , 447-488.		5

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1238	Integration of anti-penetrant tricyclazole, signaling molecule salicylic acid and root associated <i>Pseudomonas fluorescens</i> enhances suppression of <i>Bipolaris sorokiniana</i> in bread wheat ( <i>Triticum</i> ) <i>Tj ETQq0 0 0 rgBT6/Overlook 10 Tf 50</i>	1.5	10
1239	Transcriptional response of grapevine to infection with the fungal pathogen <i>Lasiodiplodia theobromae</i> . <i>Scientific Reports</i> , 2019, 9, 5387.	1.6	15
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1245	A Plant Immune Receptor Adopts a Two-Step Recognition Mechanism to Enhance Viral Effector-Perception. <i>Molecular Plant</i> , 2019, 12, 248-262.	3.9	56
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1247	The Role of Proteases in the Virulence of Plant Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2019, 20, 672.	1.8	63
1248	Highly flexible infection programs in a specialized wheat pathogen. <i>Ecology and Evolution</i> , 2019, 9, 275-294.	0.8	79
1249	Contribution of recent technological advances to future resistance breeding. <i>Theoretical and Applied Genetics</i> , 2019, 132, 713-732.	1.8	35
1250	A Novel G16B09-Like Effector From <i>Heterodera avenae</i> Suppresses Plant Defenses and Promotes Parasitism. <i>Frontiers in Plant Science</i> , 2019, 10, 66.	1.7	25
1251	The susceptibility of sea-island cotton recombinant inbred lines to <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> infection is characterized by altered expression of long noncoding RNAs. <i>Scientific Reports</i> , 2019, 9, 2894.	1.6	19
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1256	Leaf-associated microbiomes of grafted tomato plants. Scientific Reports, 2019, 9, 1787.	1.6	51
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1259	Lignin-based barrier restricts pathogens to the infection site and confers resistance in plants. EMBO Journal, 2019, 38, e101948.	3.5	198
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1263	Evolutionary balance between LRR domain loss and young NBS-LRR genes production governs disease resistance in <i>Arachis hypogaea</i> cv. Tifrunner. BMC Genomics, 2019, 20, 844.	1.2	30
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1267	Effects of enhanced UV-B radiation on the interaction between rice and <i>Magnaporthe oryzae</i> in Yuanyang terrace. Photochemical and Photobiological Sciences, 2019, 18, 2965-2976.	1.6	7
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1270	Transcriptome analysis of the fungal pathogen <i>Rosellinia necatrix</i> during infection of a susceptible avocado rootstock identifies potential mechanisms of pathogenesis. BMC Genomics, 2019, 20, 1016.	1.2	18
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1273	Silicon confers protective effect against ginseng root rot by regulating sugar efflux into apoplast. <i>Scientific Reports</i> , 2019, 9, 18259.	1.6	11
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1276	Using forward genetics in <i>Nicotiana benthamiana</i> to uncover the immune signaling pathway mediating recognition of the <i>Xanthomonas perforans</i> effector XopJ4. <i>New Phytologist</i> , 2019, 221, 1001-1009.	3.5	60
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1284	Expression polymorphism at the <i>ARPC4</i> locus links the actin cytoskeleton with quantitative disease resistance to <i>Sclerotinia sclerotiorum</i> in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2019, 222, 480-496.	3.5	30
1285	Regulated Disorder: Posttranslational Modifications Control the RIN4 Plant Immune Signaling Hub. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 56-64.	1.4	68
1286	Degradation of salicylic acid by <i>Fusarium graminearum</i> . <i>Fungal Biology</i> , 2019, 123, 77-86.	1.1	27
1287	An insight into Hevea - <i>Phytophthora</i> interaction: The story of Hevea defense and <i>Phytophthora</i> counter defense mediated through molecular signalling. <i>Current Plant Biology</i> , 2019, 17, 33-41.	2.3	17
1288	Post-translational modifications in effectors and plant proteins involved in host-pathogen conflicts. <i>Plant Pathology</i> , 2019, 68, 628-644.	1.2	10
1289	Comparative transcriptomic analysis reveals gene expression changes during early stages of <i>Plasmiodiophora brassicae</i> infection in cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> L.). <i>Canadian Journal of Plant Pathology</i> , 2019, 41, 188-199.	0.8	17

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1296	Transcriptomic and proteomic analyses of mulberry ( <i>Morus atropurpurea</i> ) fruit response to <i>Ciboria carunculoides</i> . <i>Journal of Proteomics</i> , 2019, 193, 142-153.	1.2	19
1297	An RXLR effector secreted by <i>Phytophthora parasitica</i> is a virulence factor and triggers cell death in various plants. <i>Molecular Plant Pathology</i> , 2019, 20, 356-371.	2.0	39
1298	Activation of immune receptor Rx1 triggers distinct immune responses culminating in cell death after 4 hours. <i>Molecular Plant Pathology</i> , 2019, 20, 575-588.	2.0	13
1299	Quantitative phosphoproteomic analysis reveals common regulatory mechanisms between effector- and PAMP-triggered immunity in plants. <i>New Phytologist</i> , 2019, 221, 2160-2175.	3.5	102
1300	<i>Rpp1</i> Encodes a ULP1-NBS-LRR Protein That Controls Immunity to <i>Phakopsora pachyrhizi</i> in Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 120-133.	1.4	26
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1302	Pathogen enrichment sequencing (PenSeq) enables population genomic studies in oomycetes. <i>New Phytologist</i> , 2019, 221, 1634-1648.	3.5	43
1303	The grapevine ( <i>Vitis vinifera</i> ) LysM receptor kinases VvLYK1 and VvLYK2 mediate chito oligosaccharide-triggered immunity. <i>Plant Biotechnology Journal</i> , 2019, 17, 812-825.	4.1	44
1304	Plant responses underlying nonhost resistance of <i>Citrus limon</i> against <i>Xanthomonas campestris</i> pv. <i>campestris</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 254-269.	2.0	9
1305	Critical assessment and performance improvement of plant “pathogen protein” protein interaction prediction methods. <i>Briefings in Bioinformatics</i> , 2019, 20, 274-287.	3.2	47
1306	Structural dynamics of a plant NLR resistosome: transition from autoinhibition to activation. <i>Science China Life Sciences</i> , 2020, 63, 617-619.	2.3	8
1307	Protein elicitor PeaT1 enhanced resistance against aphid ( <i>Sitobion avenae</i> ) in wheat. <i>Pest Management Science</i> , 2020, 76, 236-243.	1.7	12



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1308	Genetic modification to improve disease resistance in crops. <i>New Phytologist</i> , 2020, 225, 70-86.	3.5	158
1309	Dynamic Transcriptional Profiles of <i>Arabidopsis thaliana</i> Infected by <i>Tomato spotted wilt virus</i> . <i>Phytopathology</i> , 2020, 110, 153-163.	1.1	25
1310	Co-occurring Fungal Functional Groups Respond Differently to Tree Neighborhoods and Soil Properties Across Three Tropical Rainforests in Panama. <i>Microbial Ecology</i> , 2020, 79, 675-685.	1.4	11
1311	Distinct cellulose and callose accumulation for enhanced bioethanol production and biotic stress resistance in OsSUS3 transgenic rice. <i>Carbohydrate Polymers</i> , 2020, 232, 115448.	5.1	22
1312	Using the CODIT model to explain secondary metabolites of xylem in defence systems of temperate trees against decay fungi. <i>Annals of Botany</i> , 2020, 125, 701-720.	1.4	50
1313	CCA1 and LHY contribute to nonhost resistance to <i>Pyricularia oryzae</i> (syn. <i>Magnaporthe</i> ) Tj ETQq1 1 0.784314 rgBT/Overl	0.6	10
1314	The <i>Arabidopsis</i> PAD4 Lipase-Like Domain Is Sufficient for Resistance to Green Peach Aphid. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 328-335.	1.4	15
1315	Catalase, glutathione, and protein phosphatase 2A-dependent organellar redox signalling regulate aphid fecundity under moderate and high irradiance. <i>Plant, Cell and Environment</i> , 2020, 43, 209-222.	2.8	9
1316	Engineering plant leucine rich repeat-receptors for enhanced pattern-triggered immunity (PTI) and effector-triggered immunity (ETI)., 2020, , 1-31.		2
1317	Vascular bundle sheath and mesophyll cells modulate leaf water balance in response to chitin. <i>Plant Journal</i> , 2020, 101, 1368-1377.	2.8	18
1318	Natural Variation in Portuguese Common Bean Germplasm Reveals New Sources of Resistance Against <i>Fusarium oxysporum</i> f. sp. <i>phaseoli</i> and Resistance-Associated Candidate Genes. <i>Phytopathology</i> , 2020, 110, 633-647.	1.1	28
1319	A host target of a bacterial cysteine protease virulence effector plays a key role in convergent evolution of plant innate immune system receptors. <i>New Phytologist</i> , 2020, 225, 1327-1342.	3.5	41
1320	iTRAQ proteomics reveals the regulatory response to <i>Magnaporthe oryzae</i> in durable resistant vs. susceptible rice genotypes. <i>PLoS ONE</i> , 2020, 15, e0227470.	1.1	19
1321	Physical Mapping of Pm57, a Powdery Mildew Resistance Gene Derived from <i>Aegilops searsii</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 322.	1.8	13
1322	Structures of plant resistosome reveal how NLR immune receptors are activated. <i>ABIOTECH</i> , 2020, 1, 147-150.	1.8	5
1323	Effects of Stripe Rust Infection on the Levels of Redox Balance and Photosynthetic Capacities in Wheat. <i>International Journal of Molecular Sciences</i> , 2020, 21, 268.	1.8	13
1324	Identification and characterization of genes frequently responsive to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> and <i>Magnaporthe oryzae</i> infections in rice. <i>BMC Genomics</i> , 2020, 21, 21.	1.2	10
1325	The functional diversity of structural disorder in plant proteins. <i>Archives of Biochemistry and Biophysics</i> , 2020, 680, 108229.	1.4	27

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1327	<i>Rpa1</i> mediates an immune response to <i>avrRpm1</i> and confers resistance against <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Plant Journal</i> , 2020, 102, 688-702.	2.8	22
1328	Impact of Seasonal and Temperature-Dependent Variation in Root Defense Metabolites on Herbivore Preference in <i>Taraxacum officinale</i> . <i>Journal of Chemical Ecology</i> , 2020, 46, 63-75.	0.9	14
1329	Stability of species and provenance performance when translocated into different community assemblages. <i>Restoration Ecology</i> , 2020, 28, 447-458.	1.4	11
1330	CATION-CHLORIDE CO-TRANSPORTER 1 (CCC1) Mediates Plant Resistance against <i>Pseudomonas syringae</i> . <i>Plant Physiology</i> , 2020, 182, 1052-1065.	2.3	7
1331	Identification of mimp-associated effector genes in <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 1 and race 4 and virulence confirmation of a candidate effector gene. <i>Microbiological Research</i> , 2020, 232, 126375.	2.5	9
1332	Carbohydrate polymers exhibit great potential as effective elicitors in organic agriculture: A review. <i>Carbohydrate Polymers</i> , 2020, 230, 115637.	5.1	63
1333	Genome-wide expression of low temperature response genes in <i>Rosa hybrida</i> L.. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 238-248.	2.8	7
1334	The Lamin-Like LITTLE NUCLEI 1 (LINC1) Regulates Pattern-Triggered Immunity and Jasmonic Acid Signaling. <i>Frontiers in Plant Science</i> , 2019, 10, 1639.	1.7	26
1335	Anti-insect activity of a partially purified protein derived from the entomopathogenic fungus <i>Lecanicillium lecanii</i> (Zimmermann) and its putative role in a tomato defense mechanism against green peach aphid. <i>Journal of Invertebrate Pathology</i> , 2020, 170, 107282.	1.5	12
1336	Up-regulation of microRNA targets correlates with symptom severity in <i>Citrus sinensis</i> plants infected with two different isolates of citrus psorosis virus. <i>Planta</i> , 2020, 251, 7.	1.6	6
1337	Meiotic recombination in the offspring of <i>Microbotryum</i> hybrids and its impact on pathogenicity. <i>BMC Evolutionary Biology</i> , 2020, 20, 123.	3.2	2
1338	MADS-Box Transcription Factor <i>ZtRlm1</i> Is Responsible for Virulence and Development of the Fungal Wheat Pathogen <i>Zymoseptoria tritici</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1976.	1.5	5
1339	Root Exudates Metabolic Profiling Suggests Distinct Defense Mechanisms Between Resistant and Susceptible Tobacco Cultivars Against Black Shank Disease. <i>Frontiers in Plant Science</i> , 2020, 11, 559775.	1.7	24
1340	Multiple <i>Xanthomonas campestris</i> pv. <i>campestris</i> 8004 type III effectors inhibit immunity induced by <i>flg22</i> . <i>Planta</i> , 2020, 252, 88.	1.6	6
1341	Fitness Cost Shapes Differential Evolutionary Dynamics of Disease Resistance Genes in Cultivated and Wild Plants. <i>Molecular Plant</i> , 2020, 13, 1352-1354.	3.9	3
1342	<i>Lupinus albus</i> $\beta$ -Conglutin, a Protein Structurally Related to GH12 Xyloglucan-Specific Endo-Glucanase Inhibitor Proteins (XEGIPs), Shows Inhibitory Activity against GH2 $\beta$ -Mannosidase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7305.	1.8	8
1343	N-glycosylation shields <i>Phytophthora sojae</i> apoplastic effector <i>PsxEG1</i> from a specific host aspartic protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27685-27693.	3.3	51

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1345	OsExo70B1 Positively Regulates Disease Resistance to <i>Magnaporthe oryzae</i> in Rice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7049.	1.8	14
1346	Protein Phosphatase Mediated Responses in Plant Host-Pathogen Interactions. , 2020, , 289-330.		1
1347	The hawthorn CpLRR-RLK1 gene targeted by ACLSV-derived vsiRNA positively regulate resistance to bacteria disease. <i>Plant Science</i> , 2020, 300, 110641.	1.7	4
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1349	Global Role of Crop Genomics in the Face of Climate Change. <i>Frontiers in Plant Science</i> , 2020, 11, 922.	1.7	45
1350	Phytonanotechnology and plant protection. , 2020, , 245-287.		5
1351	Engineering Smut Resistance in Maize by Site-Directed Mutagenesis of LIPOXYGENASE 3. <i>Frontiers in Plant Science</i> , 2020, 11, 543895.	1.7	24
1352	Functional analysis of rubber tree receptor-like cytoplasmic kinase HbBIK1 in plant root development and immune response. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	0.6	1
1353	Comparative Genomics and Functional Studies of Wheat BED-NLR Loci. <i>Genes</i> , 2020, 11, 1406.	1.0	7
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1357	A Candidate Secreted Effector Protein of Rubber Tree Powdery Mildew Fungus Contributes to Infection by Regulating Plant ABA Biosynthesis. <i>Frontiers in Microbiology</i> , 2020, 11, 591387.	1.5	20
1358	Transcriptomic Analysis Reveals Candidate Genes Responsive to <i>Sclerotinia sclerotium</i> and Cloning of the Ss-Inducible Chitinase Genes in <i>Morus laevigata</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 8358.	1.8	5
1359	Comparative Transcriptome Analysis of Rutabaga ( <i>Brassica napus</i> ) Cultivars Indicates Activation of Salicylic Acid and Ethylene-Mediated Defenses in Response to <i>Plasmodiophora brassicae</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 8381.	1.8	19
1360	Advancement of research on plant NLRs evolution, biochemical activity, structural association, and engineering. <i>Planta</i> , 2020, 252, 101.	1.6	7
1361	Transcriptome analysis of xa5-mediated resistance to bacterial leaf streak in rice ( <i>Oryza sativa</i> L.). <i>Scientific Reports</i> , 2020, 10, 19439.	1.6	8
1362	<i>Bacillus amyloliquefaciens</i> Strain PMB05 Intensifies Plant Immune Responses to Confer Resistance Against Bacterial Wilt of Tomato. <i>Phytopathology</i> , 2020, 110, 1877-1885.	1.1	21

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1365	Acid Rain Increases Impact of Rice Blast on Crop Health via Inhibition of Resistance Enzymes. <i>Plants</i> , 2020, 9, 881.	1.6	8
1366	Exploration of microbial stimulants for induction of systemic resistance in plant disease management. <i>Annals of Applied Biology</i> , 2020, 177, 282-293.	1.3	18
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1368	Transcriptomic analysis of Dubas bug ( <i>Ommatissus lybicus</i> Bergevin) infestation to Date Palm. <i>Scientific Reports</i> , 2020, 10, 11505.	1.6	5
1369	TLPdb: A Resource for Thaumatin-Like Proteins. <i>Protein Journal</i> , 2020, 39, 301-307.	0.7	3
1370	Regulatory role of receptor-like cytoplasmic kinases in early immune signaling events in plants. <i>FEMS Microbiology Reviews</i> , 2020, 44, 845-856.	3.9	21
1371	Breeding, Genetics, and Genomics Approaches for Improving <i>Fusarium</i> Wilt Resistance in Major Grain Legumes. <i>Frontiers in Genetics</i> , 2020, 11, 1001.	1.1	30
1372	Long-chain base kinase1 promotes salicylic acid-mediated stomatal immunity in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2020, 29, 796-803.	0.9	5
1373	Partitioning the structural features that underlie expansin-like and elicitor activities of cerato-platanin. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2845-2854.	3.6	5
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1376	A Siderophore Analog of Fimsbactin from <i>Acinetobacter</i> Hinders Growth of the Phytopathogen <i>Pseudomonas syringae</i> and Induces Systemic Priming of Immunity in <i>Arabidopsis thaliana</i> . <i>Pathogens</i> , 2020, 9, 806.	1.2	10
1377	Common bean resistance to <i>Xanthomonas</i> is associated with upregulation of the salicylic acid pathway and downregulation of photosynthesis. <i>BMC Genomics</i> , 2020, 21, 566.	1.2	15
1378	Pathogenomics Characterization of an Emerging Fungal Pathogen, <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> in Greenhouse Tomato Production Systems. <i>Frontiers in Microbiology</i> , 2020, 11, 1995.	1.5	9
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1382	Faba Bean Gall ( <i>Olpidium viciae</i> K.) as a Priority Biosecurity Threat for Producing Faba Bean in Ethiopia: Current Status and Future Perspectives. <i>International Journal of Agronomy</i> , 2020, 2020, 1-12.	0.5	2
1383	RIN13-mediated disease resistance depends on the SNC1-EDS1/PAD4 signaling pathway in Arabidopsis. <i>Journal of Experimental Botany</i> , 2020, 71, 7393-7404.	2.4	8
1384	The rice NLR pair Pikp-1/Pikp-2 initiates cell death through receptor cooperation rather than negative regulation. <i>PLoS ONE</i> , 2020, 15, e0238616.	1.1	31
1385	A Poplar Rust Effector Protein Associates with Protein Disulfide Isomerase and Enhances Plant Susceptibility. <i>Biology</i> , 2020, 9, 294.	1.3	8
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1389	Novel Variation and Evolution of AvrPiz-t of Magnaporthe oryzae in Field Isolates. <i>Frontiers in Genetics</i> , 2020, 11, 746.	1.1	9
1390	Host-parasite co-evolution and its genomic signature. <i>Nature Reviews Genetics</i> , 2020, 21, 754-768.	7.7	110
1391	Sub-Lethal Effects of Partially Purified Protein Extracted from Beauveria bassiana (Balsamo) and Its Presumptive Role in Tomato (Lycopersicon esculentum L.) Defense against Whitefly (Bemisia tabaci) Tj ETQq0 0 0 mgBT /Overlock 10 Tf 5		
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1394	Wheat Stripe Rust Grading by Deep Learning With Attention Mechanism and Images From Mobile Devices. <i>Frontiers in Plant Science</i> , 2020, 11, 558126.	1.7	62
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1396	The overexpression of OsACBP5 protects transgenic rice against necrotrophic, hemibiotrophic and biotrophic pathogens. <i>Scientific Reports</i> , 2020, 10, 14918.	1.6	20
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1398	A molecular roadmap to the plant immune system. <i>Journal of Biological Chemistry</i> , 2020, 295, 14916-14935.	1.6	86

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1400	Pathogen-Induced Expression of OsDHODH1 Suggests Positive Regulation of Basal Defense Against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in Rice. <i>Agriculture (Switzerland)</i> , 2020, 10, 573.	1.4	1
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1406	The threat to global food security from wheat rust: ethical and historical issues in fighting crop diseases and preserving genetic diversity. <i>Global Food Security</i> , 2020, 26, 100446.	4.0	10
1407	Role of AT1G72910, AT1G72940, and ADR1-LIKE 2 in Plant Immunity under Nonsense-Mediated mRNA Decay-Compromised Conditions at Low Temperatures. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7986.	1.8	8
1408	Phytophthora nicotianae Infection of Citrus Leaves and Host Defense Activation Compared to Root Infection. <i>Phytopathology</i> , 2020, 110, 1437-1448.	1.1	3
1409	Pm21 CC domain activity modulated by intramolecular interactions is implicated in cell death and disease resistance. <i>Molecular Plant Pathology</i> , 2020, 21, 975-984.	2.0	14
1410	Competition for iron drives phytopathogen control by natural rhizosphere microbiomes. <i>Nature Microbiology</i> , 2020, 5, 1002-1010.	5.9	260
1411	Unlike Many Disease Resistances, Rx1-Mediated Immunity to Potato Virus X Is Not Compromised at Elevated Temperatures. <i>Frontiers in Genetics</i> , 2020, 11, 417.	1.1	8
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1413	Recent Insights into Plant-Pathogens Interactions through Proteomics Approaches. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 768, 052050.	0.3	1
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1418	The global threat of Myrtle rust ( <i>AUSTROPUCCINIA psidii</i> ): Future prospects for control and breeding resistance in susceptible hosts. <i>Crop Protection</i> , 2020, 136, 105176.	1.0	6
1419	Enhancement and improvement of selenium in soil to the resistance of rape stem against <i>Sclerotinia sclerotiorum</i> and the inhibition of dissolved organic matter derived from rape straw on mycelium. <i>Environmental Pollution</i> , 2020, 265, 114827.	3.7	15
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1421	The integration of transcriptomic and transgenic analyses reveals the involvement of the SA response pathway in the defense of chrysanthemum against the necrotrophic fungus <i>Alternaria</i> sp.. <i>Horticulture Research</i> , 2020, 7, 80.	2.9	21
1422	CBASS Immunity Uses CARF-Related Effectors to Sense 3'â€²- and 2'â€²-5'â€²-Linked Cyclic Oligonucleotide Signals and Protect Bacteria from Phage Infection. <i>Cell</i> , 2020, 182, 38-49.e17.	13.5	137
1423	Epigenetic Factors of Plantsâ€™ Individual Sensitivity to Phytopathogens. <i>Cytology and Genetics</i> , 2020, 54, 206-211.	0.2	0
1424	<i>Arabidopsis</i> SMN2/HEN2, Encoding DEAD-Box RNA Helicase, Governs Proper Expression of the Resistance Gene SMN1/RPS6 and Is Involved in Dwarf, Autoimmune Phenotypes of <i>mekk1</i> and <i>mpk4</i> Mutants. <i>Plant and Cell Physiology</i> , 2020, 61, 1507-1516.	1.5	21
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1427	<i>NRC4</i> Gene Cluster Is Not Essential for Bacterial Flagellin-Triggered Immunity. <i>Plant Physiology</i> , 2020, 182, 455-459.	2.3	21
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1431	Rapid identification of an <i>Arabidopsis</i> NLR gene as a candidate conferring susceptibility to <i>Sclerotinia sclerotiorum</i> using timeâ€²-resolved automated phenotyping. <i>Plant Journal</i> , 2020, 103, 903-917.	2.8	31
1432	The Citrus Genome. <i>Compendium of Plant Genomes</i> , 2020, , .	0.3	16
1433	LRRpredictorâ€™ A New LRR Motif Detection Method for Irregular Motifs of Plant NLR Proteins Using an Ensemble of Classifiers. <i>Genes</i> , 2020, 11, 286.	1.0	33
1434	Integrated Transcriptomic and Un-Targeted Metabolomics Analysis Reveals Mulberry Fruit ( <i>Morus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlook. <i>Journal of Molecular Sciences</i> , 2020, 21, 1789.	1.8	18

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1436	Functional analyses of small secreted cysteine-rich proteins identified candidate effectors in <i>Verticillium dahliae</i> . <i>Molecular Plant Pathology</i> , 2020, 21, 667-685.	2.0	46
1437	Prehaustorial local resistance to coffee leaf rust in a Mexican cultivar involves expression of salicylic acid-responsive genes. <i>PeerJ</i> , 2020, 8, e8345.	0.9	10
1438	Comparison of leaf transcriptome in response to <i>Rhizoctonia solani</i> infection between resistant and susceptible rice cultivars. <i>BMC Genomics</i> , 2020, 21, 245.	1.2	25
1439	Identification of a Novel <i>NtLRR-RLK</i> and Biological Pathways That Contribute to Tolerance of TMV in <i>Nicotiana tabacum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 996-1006.	1.4	2
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1441	Exploring folds, evolution and host interactions: understanding effector structure/function in disease and immunity. <i>New Phytologist</i> , 2020, 227, 326-333.	3.5	31
1442	Bacterial Effectors Induce Oligomerization of Immune Receptor ZAR1 In Vivo. <i>Molecular Plant</i> , 2020, 13, 793-801.	3.9	65
1443	Molecular genetics of leaf rust resistance in wheat and barley. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2035-2050.	1.8	46
1444	Salivary proteins of <i>Phloeomyzus passerinii</i> , a plant-manipulating aphid, and their impact on early gene responses of susceptible and resistant poplar genotypes. <i>Plant Science</i> , 2020, 294, 110468.	1.7	5
1445	High-Throughput Sequencing-Based Identification of Arabidopsis miRNAs Induced by <i>Phytophthora capsici</i> Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 1094.	1.5	15
1446	Divergent Evolution of <i>PcF/SCR74</i> Effectors in Oomycetes Is Associated with Distinct Recognition Patterns in Solanaceous Plants. <i>MBio</i> , 2020, 11, .	1.8	11
1447	Single residues in the LRR domain of the wheat PM3A immune receptor can control the strength and the spectrum of the immune response. <i>Plant Journal</i> , 2020, 104, 200-214.	2.8	13
1448	A <i>Xanthomonas oryzae</i> type III effector XopL causes cell death through mediating ferredoxin degradation in <i>Nicotiana benthamiana</i> . <i>Phytopathology Research</i> , 2020, 2, .	0.9	14
1449	Genetics of Clubroot and Fusarium Wilt Disease Resistance in Brassica Vegetables: The Application of Marker Assisted Breeding for Disease Resistance. <i>Plants</i> , 2020, 9, 726.	1.6	36
1450	NBS-LRR gene family in banana ( <i>Musa acuminata</i> ): genome-wide identification and responses to <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 1 and tropical race 4. <i>European Journal of Plant Pathology</i> , 2020, 157, 549-563.	0.8	7
1451	The dynamic change of oolong tea constitutes during enzymatic-catalysed process of manufacturing. <i>International Journal of Food Science and Technology</i> , 2020, 55, 3604-3612.	1.3	14
1452	A new <i>Piper nigrum</i> cysteine proteinase inhibitor, PnCPI, with antifungal activity: molecular cloning, recombinant expression, functional analyses and molecular modeling. <i>Planta</i> , 2020, 252, 16.	1.6	1



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1454	<i>Arabidopsis</i> Response Regulator 6 (ARR6) Modulates Plant Cell-Wall Composition and Disease Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 767-780.	1.4	46
1455	Evolution of Plant NLRs: From Natural History to Precise Modifications. <i>Annual Review of Plant Biology</i> , 2020, 71, 355-378.	8.6	117
1456	Network analysis infers the wilt pathogen invasion associated with non-detrimental bacteria. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 8.	2.9	68
1457	Reprogramming and remodeling: transcriptional and epigenetic regulation of salicylic acid-mediated plant defense. <i>Journal of Experimental Botany</i> , 2020, 71, 5256-5268.	2.4	50
1458	Volatile Organic Compounds of Endophytic <i>Burkholderia pyrrocinia</i> Strain JK-SH007 Promote Disease Resistance in Poplar. <i>Plant Disease</i> , 2020, 104, 1610-1620.	0.7	19
1459	Transcriptional reprogramming strategies and miRNA-mediated regulation networks of <i>Taxus media</i> induced into callus cells from tissues. <i>BMC Genomics</i> , 2020, 21, 168.	1.2	8
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1462	Plant defense-related gene expression analysis of canker-infected lime seedling. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 432, 012007.	0.2	0
1463	A time-resolved dual transcriptome analysis reveals the molecular regulating network underlying the compatible/incompatible interactions between cabbage ( <i>Brassica oleracea</i> ) and <i>Fusarium oxysporum</i> f. sp. <i>conglutinans</i> . <i>Plant and Soil</i> , 2020, 448, 455-478.	1.8	7
1464	A toxic grass <i>Achnatherum inebrians</i> serves as a diversity refuge for the soil fungal community in rangelands of northern China. <i>Plant and Soil</i> , 2020, 448, 425-438.	1.8	7
1465	Genome-wide analysis of NBS-encoding resistance genes in the Mediterranean olive tree ( <i>Olea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26 function. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	0.6	8
1466	Importance of silicon in fruit nutrition: Agronomic and physiological implications. , 2020, , 255-277.		15
1467	Modulation of the Root Microbiome by Plant Molecules: The Basis for Targeted Disease Suppression and Plant Growth Promotion. <i>Frontiers in Plant Science</i> , 2019, 10, 1741.	1.7	354
1468	Comparative transcriptome analysis reveals the response mechanism of Cf-16-mediated resistance to <i>Cladosporium fulvum</i> infection in tomato. <i>BMC Plant Biology</i> , 2020, 20, 33.	1.6	19
1469	Protein Elicitor PeBL1 of <i>Brevibacillus laterosporus</i> Enhances Resistance Against <i>Myzus persicae</i> in Tomato. <i>Pathogens</i> , 2020, 9, 57.	1.2	15
1470	Biocontrol Potential of <i>Sclerotinia sclerotiorum</i> and Physiological Changes in Soybean in Response to <i>Butia archeri</i> Palm Rhizobacteria. <i>Plants</i> , 2020, 9, 64.	1.6	14

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1472	Analysis of HrpG regulons and HrpG-interacting proteins by ChIP-seq and affinity proteomics in <i>Xanthomonas campestris</i> . <i>Molecular Plant Pathology</i> , 2020, 21, 388-400.	2.0	11
1473	An RXLR effector PLAvh142 from <i>Peronosphythora litchii</i> triggers plant cell death and contributes to virulence. <i>Molecular Plant Pathology</i> , 2020, 21, 415-428.	2.0	42
1474	Plasticity of <i>Phymatotrichopsis omnivora</i> infection strategies is dependent on host and nonhost plant responses. <i>Plant, Cell and Environment</i> , 2020, 43, 1084-1101.	2.8	4
1475	Whole-genome and time-course dual RNA-Seq analyses reveal chronic pathogenicity-related gene dynamics in the ginseng rusty root rot pathogen <i>Ilyonectria robusta</i> . <i>Scientific Reports</i> , 2020, 10, 1586.	1.6	18
1476	Dissecting molecular events and gene expression signatures involved in <i>Colletotrichum lindemuthianum</i> - <i>Phaseolus vulgaris</i> pathosystem in compatible and incompatible interactions. <i>European Journal of Plant Pathology</i> , 2020, 156, 925-937.	0.8	6
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1478	Inhibition of jasmonate-mediated plant defences by the fungal metabolite higginsianin B. <i>Journal of Experimental Botany</i> , 2020, 71, 2910-2921.	2.4	17
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1481	Indolic glucosinolate pathway provides resistance to mycorrhizal fungal colonization in a non-host Brassicaceae. <i>Ecosphere</i> , 2020, 11, e03100.	1.0	16
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1483	Comparative phosphoproteomic analysis of compatible and incompatible pollination in <i>L.</i> <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 446-456.	0.9	8
1484	Molecular crosstalk between the endophyte <i>Paraconiothyrium variabile</i> and the phytopathogen <i>Fusarium oxysporum</i> – Modulation of lipoxygenase activity and beauvericin production during the interaction. <i>Fungal Genetics and Biology</i> , 2020, 139, 103383.	0.9	16
1485	Evolution of virulence in rust fungi – multiple solutions to one problem. <i>Current Opinion in Plant Biology</i> , 2020, 56, 20-27.	3.5	54
1486	Genome-wide identification and expression analysis of rice NLR genes responsive to the infections of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> and <i>Magnaporthe oryzae</i> . <i>Physiological and Molecular Plant Pathology</i> , 2020, 111, 101488.	1.3	11
1487	Phylotranscriptomics of the Pentapetalae Reveals Frequent Regulatory Variation in Plant Local Responses to the Fungal Pathogen <i>Sclerotinia sclerotiorum</i> . <i>Plant Cell</i> , 2020, 32, 1820-1844.	3.1	21
1488	<i>Magnaporthe oryzae</i> Auxiliary Activity Protein MoAa91 Functions as Chitin-Binding Protein To Induce Appressorium Formation on Artificial Inductive Surfaces and Suppress Plant Immunity. <i>MBio</i> , 2020, 11, .	1.8	38

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1490	Exchange of Small Regulatory RNAs between Plants and Their Pests. <i>Plant Physiology</i> , 2020, 182, 51-62.	2.3	46
1491	Insight Into Function and Subcellular Localization of <i>Plasmopara viticola</i> Putative RxLR Effectors. <i>Frontiers in Microbiology</i> , 2020, 11, 692.	1.5	16
1492	The Evolutionary and Functional Paradox of Cerato-platanins in Fungi. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	22
1493	Transcriptional analyses of differential cultivars during resistant and susceptible interactions with <i>Peronospora effusa</i> , the causal agent of spinach downy mildew. <i>Scientific Reports</i> , 2020, 10, 6719.	1.6	22
1494	Ultrahigh-activity immune inducer from Endophytic Fungi induces tobacco resistance to virus by SA pathway and RNA silencing. <i>BMC Plant Biology</i> , 2020, 20, 169.	1.6	28
1495	Volatile organic compounds mediated plant-microbe interactions in soil. , 2020, , 209-219.		6
1496	Resistance of New Zealand Provenance <i>Leptospermum scoparium</i> , <i>Kunzea robusta</i> , <i>Kunzea linearis</i> , and <i>Metrosideros excelsa</i> to <i>Austropuccinia psidii</i> . <i>Plant Disease</i> , 2020, 104, 1771-1780.	0.7	12
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1498	Crossing the kingdom border: Human diseases caused by plant pathogens. <i>Environmental Microbiology</i> , 2020, 22, 2485-2495.	1.8	34
1499	<sc>SCHENGEN</sc> receptor module drives localized <sc>ROS</sc> production and lignification in plant roots. <i>EMBO Journal</i> , 2020, 39, e103894.	3.5	82
1500	Transcriptional Factors Regulate Plant Stress Responses Through Mediating Secondary Metabolism. <i>Genes</i> , 2020, 11, 346.	1.0	138
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1503	A nonspecific lipid transfer protein, StLTP10, mediates resistance to <i>Phytophthora infestans</i> in potato. <i>Molecular Plant Pathology</i> , 2021, 22, 48-63.	2.0	33
1504	A transcriptional response atlas of <i>Chrysanthemum morifolium</i> to dodder invasion. <i>Environmental and Experimental Botany</i> , 2021, 181, 104272.	2.0	3
1505	Two VOZ transcription factors link an E3 ligase and an NLR immune receptor to modulate immunity in rice. <i>Molecular Plant</i> , 2021, 14, 253-266.	3.9	43
1506	The $\hat{\pm}$ -Subunit of the Chloroplast ATP Synthase of Tomato Reinforces Resistance to Gray Mold and Broad-Spectrum Resistance in Transgenic Tobacco. <i>Phytopathology</i> , 2021, 111, 485-495.	1.1	12

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1508	Fight hard or die trying: when plants face pathogens under heat stress. <i>New Phytologist</i> , 2021, 229, 712-734.	3.5	94
1509	A Truncated Singleton NLR Causes Hybrid Necrosis in <i>Arabidopsis thaliana</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 557-574.	3.5	26
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1512	ANNEXIN 8 negatively regulates RPW8.1-mediated cell death and disease resistance in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2021, 63, 378-392.	4.1	17
1513	Intimate Association of PRR- and NLR-Mediated Signaling in Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 3-14.	1.4	105
1514	Plant parasitic nematodes effectors and their crosstalk with defense response of host plants: A battle underground. <i>Rhizosphere</i> , 2021, 17, 100288.	1.4	9
1515	Effect of Fragmented DNA From Plant Pathogens on the Protection Against Wilt and Root Rot of <i>Capsicum annuum</i> L. Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 581891.	1.7	13
1516	Comparative genomics reveals the <i>in planta</i> -secreted <i>Verticillium dahliae</i> Av2 effector protein recognized in tomato plants that carry the <i>V2</i> resistance locus. <i>Environmental Microbiology</i> , 2021, 23, 1941-1958.	1.8	32
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1519	Coordination of Phospholipid-Based Signaling and Membrane Trafficking in Plant Immunity. <i>Trends in Plant Science</i> , 2021, 26, 407-420.	4.3	29
1520	NOD-like receptor-mediated plant immunity: from structure to cell death. <i>Nature Reviews Immunology</i> , 2021, 21, 305-318.	10.6	103
1521	Wheat Thioredoxin ( <i>TaTrxh1</i> ) Associates With RD19-Like Cysteine Protease <i>TaCP1</i> to Defend Against Stripe Rust Fungus Through Modulation of Programmed Cell Death. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 426-438.	1.4	10
1522	Transcriptome analysis <i>Malus domestica</i> M9T337™ root molecular responses to <i>Fusarium solani</i> infection. <i>Physiological and Molecular Plant Pathology</i> , 2021, 113, 101567.	1.3	18
1523	<i>Plasmopara viticola</i> effector PvRXLR53 suppresses innate immunity in <i>Nicotiana benthamiana</i> . <i>Plant Signaling and Behavior</i> , 2021, 16, 1846927.	1.2	6
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1526	Genome-wide identification and analysis of NPR family genes in <i>Brassica juncea</i> var. <i>tumida</i> . <i>Gene</i> , 2021, 769, 145210.	1.0	9
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1528	Unraveling the sugar code: the role of microbial extracellular glycans in plant-microbe interactions. <i>Journal of Experimental Botany</i> , 2021, 72, 15-35.	2.4	37
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1530	WRKY22 and WRKY25 transcription factors are positive regulators of defense responses in <i>Nicotiana benthamiana</i> . <i>Plant Molecular Biology</i> , 2021, 105, 65-82.	2.0	19
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1534	Receptors in the Induction of the Plant Innate Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 587-601.	1.4	20
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1536	Metabolites produced by macro- and microalgae as plant biostimulants. <i>Studies in Natural Products Chemistry</i> , 2021, 71, 87-120.	0.8	2
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1552	A clubroot pathogen effector targets cruciferous cysteine proteases to suppress plant immunity. <i>Virulence</i> , 2021, 12, 2327-2340.	1.8	23
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1558	Antioxidant-mediated defense in triggering resistance against biotic stress in plants. , 2021, , 383-399.		0
1559	Genome-wide transcriptome reveals mechanisms underlying Rlm1-mediated blackleg resistance on canola. <i>Scientific Reports</i> , 2021, 11, 4407.	1.6	3
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1571	Reference-based QUantification Of gene Dispensability (QUOD). <i>Plant Methods</i> , 2021, 17, 18.	1.9	3
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1574	More stories to tell: <i>NONEXPRESSOR OF PATHOGENESIS-RELATED GENES1</i> , a salicylic acid receptor. <i>Plant, Cell and Environment</i> , 2021, 44, 1716-1727.	2.8	38
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1581	Susceptibility factor RTP1 negatively regulates <i>Phytophthora parasitica</i> resistance via modulating UPR regulators bZIP60 and bZIP28. <i>Plant Physiology</i> , 2021, 186, 1269-1287.	2.3	15
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1583	QTL mapping of lentil anthracnose ( <i>Colletotrichum lentis</i> ) resistance from <i>Lens ervoides</i> accession IG 72815 in an interspecific RIL population. <i>Euphytica</i> , 2021, 217, 1.	0.6	21
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1593	Effects of Combined Application of Potassium Silicate and Salicylic Acid on the Defense Response of Hydroponically Grown Tomato Plants to <i>Ralstonia solanacearum</i> Infection. <i>Sustainability</i> , 2021, 13, 3750.	1.6	10
1594	Host-interactor screens of <i>Phytophthora infestans</i> RXLR proteins reveal vesicle trafficking as a major effector-targeted process. <i>Plant Cell</i> , 2021, 33, 1447-1471.	3.1	46
1595	Maize nicotinate N-methyltransferase interacts with the NLR protein Rp1-D21 and modulates the hypersensitive response. <i>Molecular Plant Pathology</i> , 2021, 22, 564-579.	2.0	3
1596	Formin nanoclustering-mediated actin assembly during plant flagellin and DSF signaling. <i>Cell Reports</i> , 2021, 34, 108884.	2.9	25

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1598	Comparative transcriptome profiling of Chinese wild grapes provides insights into powdery mildew resistance. <i>Phytopathology</i> , 2021, , PHYTO01210006R.	1.1	7
1600	The vesicular trafficking system component MIN7 is required for minimizing <i>Fusarium graminearum</i> infection. <i>Journal of Experimental Botany</i> , 2021, 72, 5010-5023.	2.4	7
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1602	Metatranscriptomic Comparison of Endophytic and Pathogenic <i>Fusarium</i> – <i>Arabidopsis</i> Interactions Reveals Plant Transcriptional Plasticity. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 1071-1083.	1.4	25
1603	Engineering plant disease resistance against biotrophic pathogens. <i>Current Opinion in Plant Biology</i> , 2021, 60, 101987.	3.5	18
1605	A family of pathogen-induced cysteine-rich transmembrane proteins is involved in plant disease resistance. <i>Planta</i> , 2021, 253, 102.	1.6	8
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1607	Identification of specificity-defining amino acids of the wheat immune receptor Pm2 and powdery mildew effector AvrPm2. <i>Plant Journal</i> , 2021, 106, 993-1007.	2.8	25
1608	<i>Ralstonia solanacearum</i> type III effector RipV2 encoding a novel E3 ubiquitin ligase (NEL) is required for full virulence by suppressing plant PAMP-triggered immunity. <i>Biochemical and Biophysical Research Communications</i> , 2021, 550, 120-126.	1.0	19
1610	Identification of Candidate Susceptibility Genes to <i>Puccinia graminis</i> f. sp. <i>tritici</i> in <i>Wheat</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 657796.	1.7	10
1611	Telomeres and a repeat-rich chromosome encode effector gene clusters in plant pathogenic <i>Colletotrichum</i> fungi. <i>Environmental Microbiology</i> , 2021, 23, 6004-6018.	1.8	17
1612	Breeding Wheat for Biotic Stress Resistance: Achievements, Challenges and Prospects. , 0, , .		4
1613	Nanoparticle tools to improve and advance precision practices in the Agrifoods Sector towards sustainability - A review. <i>Journal of Cleaner Production</i> , 2021, 293, 126063.	4.6	38
1614	Defeated by the nines: nine extracellular strategies to avoid microbe-associated molecular patterns recognition in plants. <i>Plant Cell</i> , 2021, 33, 2116-2130.	3.1	35
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1617	<i>Bacillus velezensis</i> tolerance to the induced oxidative stress in root colonization contributed by the two-component regulatory system sensor ResE. <i>Plant, Cell and Environment</i> , 2021, 44, 3094-3102.	2.8	12
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1639	Genome-wide association study of myrtle rust ( <i>Austropuccinia psidii</i> ) resistance in <i>Eucalyptus obliqua</i> (subgenus <i>Eucalyptus</i> ). <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	0.6	8

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1642	Biocontrol Potential of <i>Bacillus amyloliquefaciens</i> against <i>Botrytis pelargonii</i> and <i>Alternaria alternata</i> on <i>Capsicum annum</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 472.	1.5	21
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1653	A Comparative Overview of the Intracellular Guardians of Plants and Animals: NLRs in Innate Immunity and Beyond. <i>Annual Review of Plant Biology</i> , 2021, 72, 155-184.	8.6	56
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1655	Plasmodesmata-Involved Battle Against Pathogens and Potential Strategies for Strengthening Hosts. <i>Frontiers in Plant Science</i> , 2021, 12, 644870.	1.7	10
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1657	Insights Into Natural Genetic Resistance to Rice Yellow Mottle Virus and Implications on Breeding for Durable Resistance. <i>Frontiers in Plant Science</i> , 2021, 12, 671355.	1.7	10
1658	Proteomic and Transcriptomic Analyses Provide Novel Insights into the Crucial Roles of Host-Induced Carbohydrate Metabolism Enzymes in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Virulence and Rice-Xoo Interaction. <i>Rice</i> , 2021, 14, 57.	1.7	10

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1673	The Genomics and Cell Biology of Host-Beneficial Intracellular Infections. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 115-142.	4.0	27
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1681	Tactics of host manipulation by intracellular effectors from plant pathogenic fungi. <i>Current Opinion in Plant Biology</i> , 2021, 62, 102054.	3.5	39
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1741	Plant-microbe interactions for the sustainable agriculture and food security. <i>Plant Gene</i> , 2021, 28, 100325.	1.4	29
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1744	The phyllosphere mycobiome of woody plants. , 2021, , 111-132.		2
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1980	Induced resistance, Phytophthora, Pseudomonas, Verticillium. Plant Pathology Science, 2020, 9, 108-117.	0.2	2
1984	PeaT1 and PeBC1 Microbial Protein Elicitors Enhanced Resistance against Myzus persicae Sulzer in Chili Capsicum annum L.. Microorganisms, 2021, 9, 2197.	1.6	7
1985	Cross-Tolerance and Autoimmunity as Missing Links in Abiotic and Biotic Stress Responses in Plants: A Perspective toward Secondary Metabolic Engineering. International Journal of Molecular Sciences, 2021, 22, 11945.	1.8	4
1986	Tomato and cotton G protein beta subunit mutants display constitutive autoimmune responses. Plant Direct, 2021, 5, e359.	0.8	4
1987	Two interacting transcriptional coactivators cooperatively control plant immune responses. Science Advances, 2021, 7, eabl7173.	4.7	31
1988	iTRAQ-Based Proteomics Analysis of Response to Solanum tuberosum Leaves Treated with the Plant Phytotoxin Thaxtomin A. International Journal of Molecular Sciences, 2021, 22, 12036.	1.8	2
1989	Candidate Effectors of Plasmodiophora brassicae Pathotype 5X During Infection of Two Brassica napus Genotypes. Frontiers in Microbiology, 2021, 12, 742268.	1.5	7
1993	In silico modelling and characterization of eight blast resistance proteins in resistant and susceptible rice cultivars. Journal of Genetic Engineering and Biotechnology, 2020, 18, 75.	1.5	1

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1994	Omics Technology: Role and Future in Providing Biotic and Abiotic Stress Tolerance to Plants. <i>Rhizosphere Biology</i> , 2021, , 151-168.	0.4	1
1995	EDS1-interacting J protein 1 is an essential negative regulator of plant innate immunity in Arabidopsis. <i>Plant Cell</i> , 2021, 33, 153-171.	3.1	7
1996	The genotype-specific laccase gene expression and lignin deposition patterns in apple root during <i>Pythium ultimum</i> infection. <i>Fruit Research</i> , 2021, 1, 1-9.	0.9	4
1997	Metagenomics approach for <i>Polymyxa betae</i> genome assembly enables comparative analysis towards deciphering the intracellular parasitic lifestyle of the plasmodiophorids. <i>Genomics</i> , 2022, 114, 9-22.	1.3	4
2001	Exploiting Structural Modelling Tools to Explore Host-Translocated Effector Proteins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12962.	1.8	7
2003	The barley immune receptor Mla recognizes multiple pathogens and contributes to host range dynamics. <i>Nature Communications</i> , 2021, 12, 6915.	5.8	29
2004	Research Progress of ATGs Involved in Plant Immunity and NPR1 Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12093.	1.8	5
2005	Identification of the <i>Capsicum baccatum</i> NLR Protein CbAR9 Conferring Disease Resistance to Anthracnose. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12612.	1.8	4
2006	Typical but Delicate Ca <sup>++</sup> re: Dissecting the Essence of Calcium Signaling Network as a Robust Response Coordinator of Versatile Abiotic and Biotic Stimuli in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 752246.	1.7	10
2007	<i>Arabidopsis</i> Spliceosome Factor SmD3 Modulates Immunity to <i>Pseudomonas syringae</i> Infection. <i>Frontiers in Plant Science</i> , 2021, 12, 765003.	1.7	5
2008	Integrative Proteomic and Phosphoproteomic Analyses of Pattern- and Effector-Triggered Immunity in Tomato. <i>Frontiers in Plant Science</i> , 2021, 12, 768693.	1.7	11
2014	Metabolomic Evaluation of <i>Ralstonia solanacearum</i> Cold Shock Protein Peptide (csp22)-Induced Responses in <i>Solanum lycopersicum</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 803104.	1.7	8
2018	Identification of a Pm4 Allele as a Powdery Mildew Resistance Gene in Wheat Line Xiaomaomai. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1194.	1.8	10
2019	The Physiological Impact of GLV Virus Infection on Grapevine Water Status: First Observations. <i>Plants</i> , 2022, 11, 161.	1.6	9
2020	Distribution of flagellin CD2-1, flg22, and flgII-28 recognition systems in plant species and regulation of plant immune responses through these recognition systems. <i>Bioscience, Biotechnology and Biochemistry</i> , 2022, 86, 490-501.	0.6	3
2021	<i>Xanthomonas campestris</i> pv. <i>musacearum</i> Bacterial Infection Induces Organ-Specific Callose and Hydrogen Peroxide Production in Banana. <i>PhytoFrontiers</i> , 2022, 2, 202-217.	0.8	2
2022	Histopathology of the <i>Plasmodiophora brassicae</i> -Chinese Cabbage Interaction in Hosts Carrying Different Sources of Resistance. <i>Frontiers in Plant Science</i> , 2021, 12, 783550.	1.7	6
2023	The RppC-AvrRppC NLR-effector interaction mediates the resistance to southern corn rust in maize. <i>Molecular Plant</i> , 2022, 15, 904-912.	3.9	31



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2024	The necrotrophic effector <scp>ToxA</scp> from <i>Parastagonospora nodorum</i> interacts with wheat <scp>NHL</scp> proteins to facilitate <i>Tsn1</i>-mediated necrosis. <i>Plant Journal</i> , 2022, 110, 407-418.	2.8	14
2025	Intracellular Ca <sup>2+</sup> accumulation triggered by caffeine provokes resistance against a broad range of biotic stress in rice. <i>Plant, Cell and Environment</i> , 2022, 45, 1049-1064.	2.8	5
2026	Entailing the Next-Generation Sequencing and Metabolome for Sustainable Agriculture by Improving Plant Tolerance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 651.	1.8	7
2027	Salicylic acid mediated immune response of <i>Citrus sinensis</i> to varying frequencies of herbivory and pathogen inoculation. <i>BMC Plant Biology</i> , 2022, 22, 7.	1.6	5
2028	A fungal protease named AsES triggers antiviral immune responses and effectively restricts virus infection in arabidopsis and <i>Nicotiana benthamiana</i> plants. <i>Annals of Botany</i> , 2022, 129, 593-606.	1.4	3
2029	Heinz-resistant tomato cultivars exhibit a lignin-based resistance to field dodder (<i>Cuscuta</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.8	20
2030	A Putative Effector CcSp84 of <i>Cytospora chrysosperma</i> Localizes to the Plant Nucleus to Trigger Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1614.	1.8	5
2032	Pathogen resistance in <i>Sphagneticola trilobata</i> (Singapore daisy): molecular associations and differentially expressed genes in response to disease from a widespread fungus. <i>Genetica</i> , 2022, 150, 13.	0.5	2
2033	Long Non-Coding RNAs as Emerging Regulators of Pathogen Response in Plants. <i>Non-coding RNA</i> , 2022, 8, 4.	1.3	18
2034	Root-specific CLE3 expression is required for WRKY33 activation in Arabidopsis shoots. <i>Plant Molecular Biology</i> , 2022, 108, 225-239.	2.0	3
2035	Two NIS1-like proteins from apple canker pathogen ( <i>Valsa mali</i> ) play distinct roles in plant recognition and pathogen virulence. <i>Stress Biology</i> , 2022, 2, 1.	1.5	6
2036	Protein Kinase Signaling Pathways in Plant-Colletotrichum Interaction. <i>Frontiers in Plant Science</i> , 2021, 12, 829645.	1.7	7
2038	Defense Strategies: The Role of Transcription Factors in Tomato-Pathogen Interaction. <i>Biology</i> , 2022, 11, 235.	1.3	24
2039	Functional analysis of the Nep1-like proteins from <i>Plasmopara viticola</i>. <i>Plant Signaling and Behavior</i> , 2022, 17, .	1.2	2
2040	Genome-wide identification of the NLR gene family in <i>Haynaldia villosa</i> by SMRT-RenSeq. <i>BMC Genomics</i> , 2022, 23, 118.	1.2	11
2041	Different requirement of immunity pathway components by oomycete effectors-induced cell death. <i>Phytopathology Research</i> , 2022, 4, .	0.9	4
2042	Genome-edited powdery mildew resistance in wheat without growth penalties. <i>Nature</i> , 2022, 602, 455-460.	13.7	181
2043	RXLR effector gene <i>Avr3a</i> from <i>Phytophthora sojae</i> is recognized by <i>Rps8</i> in soybean. <i>Molecular Plant Pathology</i> , 2022, 23, 693-706.	2.0	9

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2046	Host induced gene silencing of <i>Sclerotinia sclerotiorum</i> effector genes for the control of white mold. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 40, 102302.	1.5	4
2047	Rice functional genomics: decades' efforts and roads ahead. <i>Science China Life Sciences</i> , 2022, 65, 33-92.	2.3	107
2048	Transcriptome Analysis of <i>Eucalyptus grandis</i> Implicates Brassinosteroid Signaling in Defense Against Myrtle Rust ( <i>Austropuccinia psidii</i> ). <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	2
2052	RecPD: A Recombination-aware measure of phylogenetic diversity. <i>PLoS Computational Biology</i> , 2022, 18, e1009899.	1.5	4
2053	Genome-wide profiling of long non-coding RNA of the rice blast fungus <i>Magnaporthe oryzae</i> during infection. <i>BMC Genomics</i> , 2022, 23, 132.	1.2	8
2055	Transcriptome Profile in a Susceptible Pear <i>Zaosu</i> ™ ( <i>Pyrus bretschneideri</i> Rehd.)'Valsa pyri Interaction. <i>Journal of Plant Growth Regulation</i> , 0, , 1.	2.8	0
2056	Characterizations of an Emerging Disease: Apple Blotch Caused by <i>Diplocarpon coronariae</i> (syn.) Tj ETQq0 0.0,rgBT /Oyerlock 10	0.7	8
2057	Evaluation of Germplasm and Development of Markers for Resistance to <i>Plasmodiophora brassicae</i> in Radish ( <i>Raphanussativus</i> L.). <i>Agronomy</i> , 2022, 12, 554.	1.3	2
2059	In-silico evolutionary analysis of plant-OBERON proteins during compatible MYMV infection in respect of improving host resistance. <i>Journal of Plant Research</i> , 2022, 135, 405-422.	1.2	2
2060	Divergence and conservation of defensins and lipid transfer proteins (LTPs) from sugarcane wild species and modern cultivar genomes. <i>Functional and Integrative Genomics</i> , 2022, 22, 235-250.	1.4	3
2061	Active DNA demethylation regulates MAMP-triggered immune priming in <i>Arabidopsis</i> . <i>Journal of Genetics and Genomics</i> , 2022, 49, 796-809.	1.7	10
2062	Full-Length Transcriptome Sequencing-Based Analysis of <i>Pinus sylvestris</i> var. <i>mongolica</i> in Response to <i>Sirex noctilio</i> Venom. <i>Insects</i> , 2022, 13, 338.	1.0	4
2064	SNARE SYP132 mediates divergent traffic of plasma membrane H <sup>+</sup> -ATPase AHA1 and antimicrobial PR1 during bacterial pathogenesis. <i>Plant Physiology</i> , 2022, 189, 1639-1661.	2.3	15
2065	Predicting protein-protein interactions between banana and <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 4 integrating sequence and domain homologous alignment and neural network verification. <i>Proteome Science</i> , 2022, 20, 4.	0.7	6
2066	RNA-Seq and Gene Regulatory Network Analyses Uncover Candidate Genes in the Early Defense to Two Hemibiotrophic <i>Colletorichum</i> spp. in Strawberry. <i>Frontiers in Genetics</i> , 2021, 12, 805771.	1.1	3
2067	Evasion of plant immunity by microbial pathogens. <i>Nature Reviews Microbiology</i> , 2022, 20, 449-464.	13.6	129

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2069	Phosphorylation of CAD1, PLDdelta, NDT1, RPM1 Proteins Induce Resistance in Tomatoes Infected by <i>Ralstonia solanacearum</i> . <i>Plants</i> , 2022, 11, 726.	1.6	3
2070	Cell death signalling is competitively but coordinately regulated by repressor and activator ethylene response factors in tobacco ( <i>Nicotiana tabacum</i> ) plants. <i>Plant Biology</i> , 2022, 24, 897-909.	1.8	2
2071	The level of endogenous JA is critical for activation of SA- and JA-defensive signaling pathway in japonica rice cultivar Ziyu44 upon <i>Magnaporthe oryzae</i> infection. , 2022, 104, 619-629.		2
2072	Comparative Genome Analysis Across 128 <i>Phytophthora</i> Isolates Reveal Species-Specific Microsatellite Distribution and Localized Evolution of Compartmentalized Genomes. <i>Frontiers in Microbiology</i> , 2022, 13, 806398.	1.5	2
2073	TOPLESS in the regulation of plant immunity. <i>Plant Molecular Biology</i> , 2022, 109, 1-12.	2.0	9
2074	New insights into host-pathogen interactions in papaya dieback disease caused by <i>Erwinia mallotivora</i> in <i>Carica papaya</i> . <i>European Journal of Plant Pathology</i> , 2022, 163, 393-413.	0.8	1
2075	An oomycete NLP cytolysin forms transient small pores in lipid membranes. <i>Science Advances</i> , 2022, 8, eabj9406.	4.7	11
2076	Genomic Variations and Mutational Events Associated with Plant-Pathogen Interactions. <i>Biology</i> , 2022, 11, 421.	1.3	5
2077	New species of <i>Tulasnella</i> associated with Australian terrestrial orchids in the subtribes Megastylidinae and Thelymitrinae. <i>Mycologia</i> , 2022, 114, 388-412.	0.8	4
2079	Metabolome and transcriptome analyses identify the plant immunity systems that facilitate sesquiterpene and lignan biosynthesis in <i>Syringa pinnatifolia</i> Hemsl.. <i>BMC Plant Biology</i> , 2022, 22, 132.	1.6	6
2080	TOPLESS promotes plant immunity by repressing auxin signaling and is targeted by the fungal effector Naked1. <i>Plant Communications</i> , 2022, 3, 100269.	3.6	30
2081	Bacterial effectors manipulate plant abscisic acid signaling for creation of an aqueous apoplast. <i>Cell Host and Microbe</i> , 2022, 30, 518-529.e6.	5.1	61
2082	Three highly conserved hydrophobic residues in the predicted $\alpha$ -helix of rice NLR protein Pit contribute to its localization and immune induction. <i>Plant, Cell and Environment</i> , 2022, , .	2.8	2
2083	A secreted ribonuclease effector from <i>Verticillium dahliae</i> localizes in the plant nucleus to modulate host immunity. <i>Molecular Plant Pathology</i> , 2022, 23, 1122-1140.	2.0	15
2084	The necrotroph <i>Botrytis cinerea</i> promotes disease development in <i>Panax ginseng</i> by manipulating plant defense signals and antifungal metabolites degradation. <i>Journal of Ginseng Research</i> , 2022, , .	3.0	7
2085	The rhizospheric microbiome becomes more diverse with maize domestication and genetic improvement. <i>Journal of Integrative Agriculture</i> , 2022, 21, 1188-1202.	1.7	4
2086	GIGANTEA regulates <i>PAD4</i> transcription to promote pathogen defense against <i>Hyaloperonospora arabidopsidis</i> in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2022, 17, 2058719.	1.2	5

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2088	Identification and expression analysis of arabinogalactan protein genes in cotton reveal the function of GhAGP15 in <i>Verticillium dahliae</i> resistance. <i>Gene</i> , 2022, 822, 146336.	1.0	2
2089	Research advances in function and regulation mechanisms of plant small heat shock proteins (sHSPs) under environmental stresses. <i>Science of the Total Environment</i> , 2022, 825, 154054.	3.9	36
2090	Application of -omic technologies in postharvest pathology: recent advances and perspectives. <i>Current Opinion in Food Science</i> , 2022, 45, 100820.	4.1	6
2092	Genome-wide analysis uncovers tomato leaf lncRNAs transcriptionally active upon <i>Pseudomonas syringae</i> pv. tomato challenge. <i>Scientific Reports</i> , 2021, 11, 24523.	1.6	8
2094	Weighted Gene Co-Expression Analysis Network-Based Analysis on the Candidate Pathways and Hub Genes in Eggplant Bacterial Wilt-Resistance: A Plant Research Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13279.	1.8	11
2095	Perception of structurally distinct effectors by the integrated WRKY domain of a plant immune receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	32
2096	Suppression of MYC transcription activators by the immune cofactor NPR1 fine-tunes plant immune responses. <i>Cell Reports</i> , 2021, 37, 110125.	2.9	41
2098	NSvc4 Encoded by Rice Stripe Virus Targets Host Chloroplasts to Suppress Chloroplast-Mediated Defense. <i>Viruses</i> , 2022, 14, 36.	1.5	6
2099	DNA markers in oat breeding for crown rust resistance (a review). <i>Proceedings on Applied Botany, Genetics and Breeding</i> , 2022, 183, 224-235.	0.1	0
2100	The interaction of CsWRKY4 and CsOCP3 with CsICE1 regulates CsCBF1/3 and mediates stress response in tea plant ( <i>Camellia sinensis</i> ). <i>Environmental and Experimental Botany</i> , 2022, 199, 104892.	2.0	7
2101	Seeing is believing: Exploiting advances in structural biology to understand and engineer plant immunity. <i>Current Opinion in Plant Biology</i> , 2022, 67, 102210.	3.5	35
2306	Genome-wide identification and characterization of NBS-encoding genes in the sweet potato wild ancestor <i>Ipomoea trifida</i> (H.B.K.). <i>Open Life Sciences</i> , 2022, 17, 497-511.	0.6	0
2308	Research on the Molecular Interaction Mechanism between Plants and Pathogenic Fungi. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4658.	1.8	19
2309	Comparative Proteomic Analysis of Plasma Membrane Proteins in Rice Leaves Reveals a Vesicle Trafficking Network in Plant Immunity That Is Provoked by Blast Fungi. <i>Frontiers in Plant Science</i> , 2022, 13, 853195.	1.7	2
2310	The impact of wheat cultivar mixtures on virulence dynamics in <i>Zymoseptoria tritici</i> populations persists after interseason sexual reproduction. <i>Plant Pathology</i> , 0, , .	1.2	8
2311	CmWRKY15-1 Promotes Resistance to Chrysanthemum White Rust by Regulating CmNPR1 Expression. <i>Frontiers in Plant Science</i> , 2022, 13, 865607.	1.7	5
2312	Rhizosphere Signaling: Insights into Plant-Rhizomicrobiome Interactions for Sustainable Agronomy. <i>Microorganisms</i> , 2022, 10, 899.	1.6	31

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2313	Transcriptome Analysis of Fusarium Root-Rot-Resistant and -Susceptible Alfalfa ( <i>Medicago sativa</i> L.) Plants during Plant-Pathogen Interactions. <i>Genes</i> , 2022, 13, 788.	1.0	10
2314	Plant defences for enhanced integrated pest management in tomato. <i>Annals of Applied Biology</i> , 2022, 180, 328-337.	1.3	6
2315	The barley leaf rust resistance gene <i>Rph3</i> encodes a predicted membrane protein and is induced upon infection by avirulent pathotypes of <i>Puccinia hordei</i> . <i>Nature Communications</i> , 2022, 13, 2386.	5.8	12
2317	<i>Agrobacterium</i> expressing a type III secretion system delivers <i>Pseudomonas</i> effectors into plant cells to enhance transformation. <i>Nature Communications</i> , 2022, 13, 2581.	5.8	32
2318	Two <i>Liberibacter</i> Proteins Combine to Suppress Critical Innate Immune Defenses in Citrus. <i>Frontiers in Plant Science</i> , 2022, 13, 869178.	1.7	1
2319	Diversity, Evolution, and Function of <i>Pseudomonas syringae</i> Effectoromes. <i>Annual Review of Phytopathology</i> , 2022, 60, 211-236.	3.5	19
2320	Development of a new hybrid calcium mineral colloid for plant growth and defense response. <i>Colloids and Interface Science Communications</i> , 2022, 49, 100628.	2.0	0
2321	Structural insight into chitin perception by chitin elicitor receptor kinase 1 of <i>Oryza sativa</i> . <i>Journal of Integrative Plant Biology</i> , 2023, 65, 235-248.	4.1	5
2322	A secreted fungal effector suppresses rice immunity through host histone hypoacetylation. <i>New Phytologist</i> , 2022, 235, 1977-1994.	3.5	24
2324	Evolution of resistance ( <i>R</i> ) gene specificity. <i>Essays in Biochemistry</i> , 2022, 66, 551-560.	2.1	8
2325	An effector CSEP087 from <i>Erysiphe necator</i> targets arginine decarboxylase <i>VviADC</i> to regulate host immunity in grapevine. <i>Scientia Horticulturae</i> , 2022, 303, 111205.	1.7	2
2327	Understanding the Dynamics of Blast Resistance in Rice- <i>Magnaporthe oryzae</i> Interactions. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 584.	1.5	32
2330	Molecular Genetics of Anthracnose Resistance in Maize. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 540.	1.5	4
2331	Functional characterization of <i>MoSdhB</i> in conferring resistance to pydiflumetofen in blast fungus <i>Magnaporthe oryzae</i> . <i>Pest Management Science</i> , 2022, 78, 4018-4027.	1.7	7
2332	Genetic Resources of Cereal Crops for Aphid Resistance. <i>Plants</i> , 2022, 11, 1490.	1.6	7
2333	Proteinaceous Effector Discovery and Characterization in Plant Pathogenic <i>Colletotrichum</i> Fungi. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	2
2334	Infection Strategies and Pathogenicity of Biotrophic Plant Fungal Pathogens. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	17
2335	Phosphorylation of <i>OsTGA5</i> by casein kinase II compromises its suppression of defense-related gene transcription in rice. <i>Plant Cell</i> , 2022, 34, 3425-3442.	3.1	6

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2336	An alternative splicing isoform of wheat TaYRG1 resistance protein activates immunity by interacting with dynamin-related proteins. <i>Journal of Experimental Botany</i> , 2022, 73, 5474-5489.	2.4	2
2339	In silico Characterization of Coat Protein of PVS-Bitlis isolate and Docking Analysis with Host Protein. <i>Journal of Agriculture</i> , 0, , .	0.4	0
2340	Selective autophagy: adding precision in plant immunity. <i>Essays in Biochemistry</i> , 2022, 66, 189-206.	2.1	8
2341	The Effector Protein CgNLP1 of <i>Colletotrichum gloeosporioides</i> Affects Invasion and Disrupts Nuclear Localization of Necrosis-Induced Transcription Factor HbMYB8-Like to Suppress Plant Defense Signaling. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
2342	2000-2019: Twenty Years of Highly Influential Publications in Molecular Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 748-754.	1.4	3
2343	Unconventional R proteins in the botanical tribe Triticeae. <i>Essays in Biochemistry</i> , 0, , .	2.1	3
2344	A chromosome-level, fully phased genome assembly of the oat crown rust fungus <i>Puccinia coronata</i> f. sp. <i>avenae</i> : a resource to enable comparative genomics in the cereal rusts. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	12
2345	Improved drought tolerance in soybean by protein elicitor AMEP412 induced ROS accumulation and scavenging. <i>Biotechnology and Biotechnological Equipment</i> , 2022, 36, 401-412.	0.5	0
2346	The Upregulated Expression of the Citrus RIN4 Gene in HLB Diseased Citrus Aids Candidatus <i>Liberibacter Asiaticus</i> Infection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6971.	1.8	2
2348	Transcriptome Analysis Reveals that Exogenous Melatonin Confers <i>Lilium</i> Disease Resistance to <i>Botrytis elliptica</i> . <i>Frontiers in Genetics</i> , 0, 13, .	1.1	9
2349	Direct recognition of pathogen effectors by plant NLR immune receptors and downstream signalling. <i>Essays in Biochemistry</i> , 2022, 66, 471-483.	2.1	21
2350	Multi-Omics Analysis Reveals a Regulatory Network of ZmCCT During Maize Resistance to <i>Gibberella</i> Stalk Rot at the Early Stage. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2351	Tools and targets: The dual role of plant viruses in CRISPR-Cas genome editing. <i>Plant Genome</i> , 2023, 16, .	1.6	17
2352	Action Mechanisms of Effectors in Plant-Pathogen Interaction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6758.	1.8	53
2353	Large-scale comparative transcriptome analysis of <i>Nicotiana tabacum</i> response to <i>Ralstonia solanacearum</i> infection. <i>Plant Biotechnology Reports</i> , 2022, 16, 757-775.	0.9	2
2355	Haplotype variants of Sr46 in <i>Aegilops tauschii</i> , the diploid D genome progenitor of wheat. <i>Theoretical and Applied Genetics</i> , 2022, 135, 2627-2639.	1.8	2
2356	Gene Co-expression Network Analysis of the Comparative Transcriptome Identifies Hub Genes Associated With Resistance to <i>Aspergillus flavus</i> L. in Cultivated Peanut ( <i>Arachis hypogaea</i> L.). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	11
2357	The plant host environment influences competitive interactions between bacterial pathogens. <i>Environmental Microbiology Reports</i> , 0, , .	1.0	5

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2358	Current understanding of atypical resistance against fungal pathogens in wheat. <i>Current Opinion in Plant Biology</i> , 2022, 68, 102247.	3.5	5
2359	Wheat Lysin-Motif-Containing Proteins Characterization and Gene Expression Patterns under Abiotic and Biotic Stress. <i>Phyton</i> , 2022, 91, 2367-2382.	0.4	0
2360	Chitin and chitosan as elicitors in sustainable production of medicinal crops. , 2022, , 413-426.		0
2361	Overview of host factors and geminivirus proteins involved in virus pathogenesis and resistance. , 2022, , 575-587.		0
2363	The Applications of Genomics and Transcriptomics Approaches for Biotic Stress Tolerance in Crops. , 2022, , 93-122.		0
2364	Synthesis, Antifungal Activity, and QSAR Studies of Benzbutyrolactone Derivatives Based on Î±-Methylene-Î³-butyrolactone Scaffold. <i>Russian Journal of General Chemistry</i> , 2022, 92, 1085-1097.	0.3	2
2365	Regulation of plant responses to biotic and abiotic stress by receptor-like cytoplasmic kinases. <i>Stress Biology</i> , 2022, 2, .	1.5	6
2366	Development and Molecular Cytogenetic Identification of Two Wheat-Aegilops geniculata Roth 7Mg Chromosome Substitution Lines with Resistance to Fusarium Head Blight, Powdery Mildew and Stripe Rust. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7056.	1.8	3
2367	License to not kill: how a biotrophic pathogen keeps the host alive. <i>Plant Physiology</i> , 0, , .	2.3	0
2368	Seed Transmission of Pathogens: Non-Canonical Immune Response in Arabidopsis Germinating Seeds Compared to Early Seedlings against the Necrotrophic Fungus <i>Alternaria brassicicola</i> . <i>Plants</i> , 2022, 11, 1708.	1.6	3
2369	<scp>JrWRKY21</scp> interacts with <scp>JrPTI5L</scp> to activate the expression of <scp>JrPR5L</i></scp> for resistance to <i>Colletotrichum gloeosporioides</i> in walnut. <i>Plant Journal</i> , 2022, 111, 1152-1166.	2.8	14
2370	Multi-omics reveals mechanisms of resistance to potato root infection by <i>Spongospora subterranea</i> . <i>Scientific Reports</i> , 2022, 12, .	1.6	6
2371	A lineage-specific Exo70 is required for receptor kinase-mediated immunity in barley. <i>Science Advances</i> , 2022, 8, .	4.7	13
2372	Genome and Transcriptome Sequencing Analysis of <i>Fusarium commune</i> Provides Insights into the Pathogenic Mechanisms of the Lotus Rhizome Rot. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	5
2373	RppM, Encoding a Typical CC-NBS-LRR Protein, Confers Resistance to Southern Corn Rust in Maize. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	8
2374	MicroRNA-mediated host defense mechanisms against pathogens and herbivores in rice: balancing gains from genetic resistance with trade-offs to productivity potential. <i>BMC Plant Biology</i> , 2022, 22, .	1.6	15
2375	Transcriptional Analysis on Resistant and Susceptible Kiwifruit Genotypes Activating Different Plant-Immunity Processes against <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 7643.	1.8	4
2377	A <i>Phytophthora</i> effector promotes homodimerization of host transcription factor StKNOX3 to enhance susceptibility. <i>Journal of Experimental Botany</i> , 2022, 73, 6902-6915.	2.4	9

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2379	Automated Quantitative Measurement of Yellow Halos Suggests Activity of Necrotrophic Effectors in <i>Septoria tritici</i> Blotch. <i>Phytopathology</i> , 2022, 112, 2560-2573.	1.1	5
2380	A secreted fungal subtilase interferes with rice immunity via degradation of SUPPRESSOR OF G2 ALLELE OF <i>skp1</i> . <i>Plant Physiology</i> , 2022, 190, 1474-1489.	2.3	10
2381	Identification of ankyrin-transmembrane-type subfamily genes in Triticeae species reveals TaANKTM2A-5 regulates powdery mildew resistance in wheat. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2382	Altitudinal Variation Influences Soil Fungal Community Composition and Diversity in Alpine Gorge Region on the Eastern Qinghai Tibetan Plateau. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 807.	1.5	9
2383	Comparative Transcriptome Analyses between Resistant and Susceptible Varieties in Response to Soybean Mosaic Virus Infection. <i>Agronomy</i> , 2022, 12, 1785.	1.3	1
2384	Analysis of Tissue-Specific Defense Responses to <i>Sclerotinia sclerotiorum</i> in <i>Brassica napus</i> . <i>Plants</i> , 2022, 11, 2001.	1.6	3
2385	The genetic basis and interaction of genes conferring resistance to <i>Puccinia hordei</i> in an ICARDA barley breeding line GiD 5779743. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
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2387	Regulation of plant biotic interactions and abiotic stress responses by inositol polyphosphates. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	8
2388	Elucidating potential effectors, pathogenicity and virulence factors expressed by the phytopathogenic fungus <i>Thecaphora frezii</i> through analysis of its transcriptome. <i>European Journal of Plant Pathology</i> , 0, , .	0.8	1
2389	A Novel Protein Elicitor (PELL1) Extracted from <i>Lecanicillium lecanii</i> Induced Resistance against <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) in <i>Gossypium hirsutum</i> L. <i>BioMed Research International</i> , 2022, 2022, 1-8.	0.9	2
2390	A reference-anchored oat linkage map reveals quantitative trait loci conferring adult plant resistance to crown rust ( <i>Puccinia coronata</i> f. sp. <i>avenae</i> ). <i>Theoretical and Applied Genetics</i> , 2022, 135, 3307-3321.	1.8	4
2391	The key molecular pattern BxCDP1 of <i>Bursaphelenchus xylophilus</i> induces plant immunity and enhances plant defense response via two small peptide regions. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
2392	Ambivalent response in pathogen defense: A double-edged sword?. <i>Plant Communications</i> , 2022, 3, 100415.	3.6	4
2393	Genome-wide comparative analysis of the nucleotide-binding site-encoding genes in four <i>Ipomoea</i> species. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
2395	Coexpression Network Analysis Based Characterisation of the R2R3-MYB Family Genes in Tolerant Poplar Infected with <i>Melampsora larici-populina</i> . <i>Forests</i> , 2022, 13, 1255.	0.9	1
2397	Deciphering of benzothiadiazole (BTH)-induced response of tomato ( <i>Solanum lycopersicum</i> L.) and its effect on early response to virus infection through the multi-omics approach. <i>Plant and Soil</i> , 2022, 481, 511-534.	1.8	3



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2399	Development of plant systemic resistance by beneficial rhizobacteria: Recognition, initiation, elicitation and regulation. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	21
2400	Connecting the dots between cell surface- and intracellular-triggered immune pathways in plants. <i>Current Opinion in Plant Biology</i> , 2022, 69, 102276.	3.5	12
2401	The regulation of <i>Alternaria alternata</i> resistance by LRR-RK4 through ERF109, defensin19 and phytoalexin scopoletin in <i>Nicotiana attenuata</i> . <i>Plant Science</i> , 2022, 323, 111414.	1.7	1
2402	OxyR contributes to virulence of <i>Acidovorax citrulli</i> by regulating anti-oxidative stress and expression of flagellin FliC and type IV pili PilA. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	6
2403	Genome-wide identification and expression analysis of WRKY family genes under soft rot in Chinese cabbage. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
2405	A chitinase <i>CsChi23</i> promoter polymorphism underlies cucumber resistance against <i>Fusarium oxysporum</i> f. sp. <i>cucumerinum</i> . <i>New Phytologist</i> , 2022, 236, 1471-1486.	3.5	10
2406	Differentially expressed genes against <i>Colletotrichum lindemuthianum</i> in a bean genotype carrying the Co-2 gene revealed by RNA-sequencing analysis. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2407	Crosstalk of nitro-oxidative stress and iron in plant immunity. <i>Free Radical Biology and Medicine</i> , 2022, 191, 137-149.	1.3	8
2408	Role of pathogen's effectors in understanding host-pathogen interaction. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119347.	1.9	6
2409	Crosstalk Between Salicylic Acid and Auxins, Cytokinins and Gibberellins Under Biotic Stress. <i>Signaling and Communication in Plants</i> , 2022, , 249-262.	0.5	3
2410	Cysteine-rich receptor-like kinases and stress response in plants. , 2023, , 155-165.		0
2411	Genome-wide identification and expression analysis of <i>CRK</i> gene family in chili pepper ( <i>Capsicum annum</i> L.) in response to <i>Colletotrichum truncatum</i> infection. <i>Journal of Horticultural Science and Biotechnology</i> , 2023, 98, 194-206.	0.9	6
2413	Comparative transcriptome analysis of compatible and incompatible <i>Brassica napus</i> – <i>Xanthomonas campestris</i> interactions. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
2414	Tomato receptor-like cytosolic kinase RIPK confers broad-spectrum disease resistance without yield penalties. <i>Horticulture Research</i> , 2022, 9, .	2.9	4
2415	A screening of inhibitors targeting the receptor kinase <i>FERONIA</i> reveals small molecules that enhance plant root immunity. <i>Plant Biotechnology Journal</i> , 2023, 21, 63-77.	4.1	8
2416	Identification of stably expressed reference genes for expression studies in <i>Arabidopsis thaliana</i> using mass spectrometry-based label-free quantification. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
2417	Identification of the interacting proteins of <i>Bambusa pervariabilis</i> – <i>Dendrocalamopsis grandis</i> in response to the transcription factor <i>ApCtf1<sup>2</sup></i> in <i>Arthrinium phaeospermum</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5

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2420	A wheat resistosome defines common principles of immune receptor channels. <i>Nature</i> , 2022, 610, 532-539.	13.7	97
2421	Impact of irrigation water deficit on two tomato genotypes grown under open field conditions: From the root-associated microbiota to the stress responses. <i>Italian Journal of Agronomy</i> , 2022, 17, .	0.4	4
2422	A conserved glutamate residue in RPM1-INTERACTING PROTEIN4 is ADP-ribosylated by the <i>Pseudomonas</i> effector AvrRpm2 to activate RPM1-mediated plant resistance. <i>Plant Cell</i> , 2022, 34, 4950-4972.	3.1	3
2423	<i>In vivo</i> Imaging Enables Understanding of Seamless Plant Defense Responses to Wounding and Pathogen Attack. <i>Plant and Cell Physiology</i> , 2022, 63, 1391-1404.	1.5	2
2424	Impact of key parameters involved with plant-microbe interaction in context to global climate change. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
2425	The <i>CC</i> protein <i>BSR1</i> from <i>Brachypodium</i> confers resistance to <i>Barley stripe mosaic virus</i> in gramineous plants by recognising <i>TGB1</i> movement protein. <i>New Phytologist</i> , 2022, 236, 2233-2248.	3.5	2
2426	Apoplastic and vascular defences. <i>Essays in Biochemistry</i> , 2022, 66, 595-605.	2.1	3
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2429	Mutation of barley HvPDIL5-1 improves resistance to yellow mosaic virus disease without growth or yield penalties. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2430	Warhorses in soil bioremediation: Seed biopriming with PGPF secretome to phytostimulate crop health under heavy metal stress. <i>Environmental Research</i> , 2023, 216, 114498.	3.7	5
2431	Disease Resistance Genes™ Identification, Cloning, and Characterization in Plants. , 2022, , 249-269.		0
2432	The Role of Transcription Factors in Response to Biotic Stresses in Tomato. , 2022, , 213-234.		1
2433	Ferroptosis induced by the biocontrol agent <i>Pythium oligandrum</i> enhances soybean resistance to <i>Phytophthora sojae</i> . <i>Environmental Microbiology</i> , 2022, 24, 6267-6278.	1.8	4
2434	Disruption of plant plasma membrane by Nep1-like proteins in pathogen-plant interactions. <i>New Phytologist</i> , 2023, 237, 746-750.	3.5	4
2435	Strong phylogenetic congruence between <i>Tulasnella</i> fungi and their associated <i>Drakaeinae</i> orchids. <i>Journal of Evolutionary Biology</i> , 2023, 36, 221-237.	0.8	2
2436	Advances in Fungal Elicitor-Triggered Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12003.	1.8	18
2437	Molecular Defense Response of Pine Trees ( <i>Pinus</i> spp.) to the Parasitic Nematode <i>Bursaphelenchus xylophilus</i> . <i>Cells</i> , 2022, 11, 3208.	1.8	4

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2438	Harnessing genetic resistance to rusts in wheat and integrated rust management methods to develop more durable resistant cultivars. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	12
2439	The molecular dialog between oomycete effectors and their plant and animal hosts. <i>Fungal Biology Reviews</i> , 2023, 43, 100289.	1.9	4
2440	Microbial Effectors: Key Determinants in Plant Health and Disease. <i>Microorganisms</i> , 2022, 10, 1980.	1.6	5
2441	Evolutional and functional analysis revealed the crucial roles of receptor-like proteins (RLPs) on <i>Valsa</i> canker resistance in Rosaceae. <i>Journal of Experimental Botany</i> , 0, , .	2.4	3
2442	A stripe rust fungal effector <i>PstSIE1</i> targets <i>TaSGT1</i> to facilitate pathogen infection. <i>Plant Journal</i> , 0, , .	2.8	4
2444	Partitioning the Effects of Soil Legacy and Pathogen Exposure Determining Soil Suppressiveness via Induced Systemic Resistance. <i>Plants</i> , 2022, 11, 2816.	1.6	1
2445	Learning from the Invaders: What Viruses Teach Us about RNA-Based Regulation in Microbes. <i>Microorganisms</i> , 2022, 10, 2106.	1.6	1
2446	Transcriptome analysis reveals pathogenesis-related gene 1 pathway against salicylic acid treatment in grapevine ( <i>Vitis vinifera</i> L). <i>Frontiers in Genetics</i> , 0, 13, .	1.1	7
2447	Allelic variation in the Arabidopsis TNL CHS3/CSA1 immune receptor pair reveals two functional cell-death regulatory modes. <i>Cell Host and Microbe</i> , 2022, 30, 1701-1716.e5.	5.1	18
2448	PM2b, a CC-NBS-LRR protein, interacts with TaWRKY76-D to regulate powdery mildew resistance in common wheat. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	10
2449	Physiological and metabolic analyses provide insight into soybean seed resistance to fusarium fujikuroi causing seed decay. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
2450	Spermine inhibits PAMP-induced ROS and Ca <sup>2+</sup> burst and reshapes the transcriptional landscape of PAMP-triggered immunity in Arabidopsis. <i>Journal of Experimental Botany</i> , 2023, 74, 427-442.	2.4	8
2452	A highly polymorphic effector protein promotes fungal virulence through suppression of plant-associated Actinobacteria. <i>New Phytologist</i> , 2023, 237, 944-958.	3.5	10
2454	Plant mineral nutrition and disease resistance: A significant linkage for sustainable crop protection. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	34
2456	Identification of the Transcription Factors RAP2-13 Activating the Expression of CsBAK1 in Citrus Defence Response to <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Horticulturae</i> , 2022, 8, 1012.	1.2	0
2457	N6-methyladenosine RNA modification promotes viral genomic RNA stability and infection. <i>Nature Communications</i> , 2022, 13, .	5.8	18
2458	SH3P2, an SH3 domain-containing protein that interacts with both Pib and AvrPib, suppresses effector-triggered, Pib-mediated immunity in rice. <i>Molecular Plant</i> , 2022, 15, 1931-1946.	3.9	8
2459	A small secreted protein, RsMf8HN, in <i>Rhizoctonia solani</i> triggers plant immune response, which interacts with rice OsHIPP28. <i>Microbiological Research</i> , 2023, 266, 127219.	2.5	5

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2462	Glutathione and neodosmin feedback sustain plant immunity. <i>Journal of Experimental Botany</i> , 2023, 74, 976-990.	2.4	6
2463	The secreted immune response peptide 1 functions as a phyto cytokine in rice immunity. <i>Journal of Experimental Botany</i> , 2023, 74, 1059-1073.	2.4	2
2464	Effector-Dependent and -Independent Molecular Mechanisms of Soybeanâ€“Microbe Interaction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14184.	1.8	0
2465	The Gain-of-Function Mutation, OsSpl26, Positively Regulates Plant Immunity in Rice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14168.	1.8	7
2466	Systematic mutagenesis of Ploverovirus protein P0 reveals distinct and overlapping amino acid functions in <i>Nicotiana glutinosa</i> . <i>Virology</i> , 2023, 578, 24-34.	1.1	3
2467	Haplotypeâ€“phased and chromosomeâ€“level genome assembly of <i>Puccinia polysora</i> , a gigaâ€“scale fungal pathogen causing southern corn rust. <i>Molecular Ecology Resources</i> , 2023, 23, 601-620.	2.2	7
2468	Research Progress on the Effects of Nitrogen Deposition on Plant Pathogens. <i>International Journal of Ecology</i> , 2022, 11, 510-519.	0.0	0
2469	Toxicological effects and transcriptome mechanisms of rice ( <i>Oryza sativa</i> L.) under stress of quinclorac and polystyrene nanoplastics. <i>Ecotoxicology and Environmental Safety</i> , 2023, 249, 114380.	2.9	6
2470	Endophyte mediated plant health via phytohormones and biomolecules. , 2023, , 151-166.		1
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2474	An NBSâ€“LRR protein in the <i>Rpp1</i> locus negates the dominance of <i>Rpp1</i> -mediated resistance against <i>Phakopsora pachyrhizi</i> in soybean. <i>Plant Journal</i> , 2023, 113, 915-933.	2.8	5
2475	Genome-Wide Identification of <i>Phytophthora sojae</i> -Associated microRNAs and Network in a Resistant and a Susceptible Soybean Germplasm. <i>Agronomy</i> , 2022, 12, 2922.	1.3	3
2476	A new NLR disease resistance gene Xa47 confers durable and broad-spectrum resistance to bacterial blight in rice. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
2477	Fine Mapping and Identification of a Candidate Gene of Downy Mildew Resistance, RPF2, in Spinach ( <i>Spinacia oleracea</i> L.). <i>International Journal of Molecular Sciences</i> , 2022, 23, 14872.	1.8	2

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2480	Accessory Chromosomes of the <i>Fusarium oxysporum</i> Species Complex and Their Contribution to Host Niche Adaptation. , 2023, , 371-388.		2
2481	Global Landscape of Rust Epidemics by <i>Puccinia</i> Species: Current and Future Perspectives. , 2023, , 391-423.		1
2482	Pathways to engineering the phyllosphere microbiome for sustainable crop production. <i>Nature Food</i> , 2022, 3, 997-1004.	6.2	28
2483	Phytotoxic Metabolites Produced by Fungi Involved in Grapevine Trunk Diseases: Progress, Challenges, and Opportunities. <i>Plants</i> , 2022, 11, 3382.	1.6	3
2484	Multispecies comparison of host responses to <i>Fusarium circinatum</i> challenge in tropical pines show consistency in resistance mechanisms. <i>Plant, Cell and Environment</i> , 2023, 46, 1705-1725.	2.8	1
2485	Transcriptome Analysis in Response to Infection of <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i> Strains with Different Pathogenicity. <i>International Journal of Molecular Sciences</i> , 2023, 24, 14.	1.8	3
2486	Foliar Pathogen Infection Manipulates Soil Health through Root Exudate-Modified Rhizosphere Microbiome. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	9
2487	Evaluation of Indian Mustard Genotypes for White Rust Resistance Using <i>BjuWRR1</i> Gene and Their Phenotypic Performance. <i>Agronomy</i> , 2022, 12, 3122.	1.3	1
2488	RNA-seq Gene Profiling Reveals Transcriptional Changes in the Late Phase during Compatible Interaction between a Korean Soybean Cultivar ( <i>Glycine max</i> cv. Kwangan) and <i>Pseudomonas syringae</i> pv. <i>syringae</i> B728a. <i>Plant Pathology Journal</i> , 2022, 38, 603-615.	0.7	1
2490	Gene-for-gene-mediated resistance to southern corn rust in maize. <i>Trends in Plant Science</i> , 2023, 28, 255-258.	4.3	2
2493	Pathogenesis mechanisms of phytopathogen effectors. <i>WIREs Mechanisms of Disease</i> , 2023, 15, .	1.5	1
2494	Emerging Techniques to Develop Biotic Stress Resistance in Fruits and Vegetables. , 2023, , 269-296.		0
2496	A rustâ€fungus Nudix hydrolase effector decaps <i>scp</i> mRNA <i>in vitro</i> and interferes with plant immune pathways. <i>New Phytologist</i> , 2023, 239, 222-239.	3.5	5
2497	Stressed Plants: An Improved Source for Bioactive Phenolics. , 2023, , 195-214.		1
2498	Comparative oxidation proteomics analyses suggest redox regulation of cytosolic translation in rice leaves upon <i>Magnaporthe oryzae</i> infection. <i>Plant Communications</i> , 2023, 4, 100550.	3.6	1
2499	A binary interaction map between turnip mosaic virus and <i>Arabidopsis thaliana</i> proteomes. <i>Communications Biology</i> , 2023, 6, .	2.0	8
2501	Global whole-genome comparison and analysis to classify subpopulations and identify resistance genes in weedy rice relevant for improving crops. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1

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2503	Multiplex PCR assay for the simultaneous identification of race specific and non-specific leaf resistance genes in wheat ( <i>Triticum aestivum</i> L.). Journal of Applied Genetics, 2023, 64, 55-64.	1.0	0
2505	Insertion of a TRIM-like sequence in MdFLS2-1 promoter is associated with its allele-specific expression in response to <i>Alternaria alternata</i> in apple. Frontiers in Plant Science, 0, 13, .	1.7	1
2506	Regulating Death and Disease: Exploring the Roles of Metacaspases in Plants and Fungi. International Journal of Molecular Sciences, 2023, 24, 312.	1.8	6
2507	Neighbourhood effect of weeds on wheat root endospheric mycobiota. Journal of Ecology, 2023, 111, 994-1008.	1.9	3
2508	Transcriptional Analysis of the Differences between ToLCNDV-India and ToLCNDV-ES Leading to Contrary Symptom Development in Cucumber. International Journal of Molecular Sciences, 2023, 24, 2181.	1.8	0
2509	Genetic Analysis and Physical Mapping of Oat Adult Plant Resistance Loci Against <i>Puccinia coronata</i> f. sp. <i>avenae</i> . Phytopathology, 2023, 113, 1307-1316.	1.1	1
2510	LtGAPR1 Is a Novel Secreted Effector from <i>Lasiodiplodia theobromae</i> That Interacts with NbPsQ2 to Negatively Regulate Infection. Journal of Fungi (Basel, Switzerland), 2023, 9, 188.	1.5	1
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