Ken Shirasu

List of Publications by Year
in descending order

199 papers	23,938 citations	7568 77 h-index	8396 147 g-index
221 all docs	221 docs citations	221 times ranked	20599 citing authors

#	Article	IF	Citations
1	Inhibition of shoot branching by new terpenoid plant hormones. Nature, 2008, 455, 195-200.	27.8	1,765
2	CERK1, a LysM receptor kinase, is essential for chitin elicitor signaling in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19613-19618.	7.1	1,225
3	Lifestyle transitions in plant pathogenic Colletotrichum fungi deciphered by genome and transcriptome analyses. Nature Genetics, 2012, 44, 1060-1065.	21.4	840
4	The main auxin biosynthesis pathway in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18512-18517.	7.1	827
5	Direct Regulation of the NADPH Oxidase RBOHD by the PRR-Associated Kinase BIK1 during Plant Immunity. Molecular Cell, 2014, 54, 43-55.	9.7	744
6	The RAR1 Interactor SGT1, an Essential Component of R Gene-Triggered Disease Resistance. Science, 2002, 295, 2073-2076.	12.6	574
7	Salicylic acid potentiates an agonist-dependent gain control that amplifies pathogen signals in the activation of defense mechanisms.. Plant Cell, 1997, 9, 261-270.	6.6	557
8	Autophagy Negatively Regulates Cell Death by Controlling NPR1-Dependent Salicylic Acid Signaling during Senescence and the Innate Immune Response in<i>Arabidopsis</i>Â Â. Plant Cell, 2009, 21, 2914-2927.	6.6	531
9	Regulation of the NADPH Oxidase RBOHD During Plant Immunity. Plant and Cell Physiology, 2015, 56, 1472-1480.	3.1	480
10	HSP90 interacts with RAR1 and SGT1 and is essential for RPS2-mediated disease resistance in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11777-11782.	7.1	440
11	Ubiquitin ligase-associated protein SGT1 is required for host and nonhost disease resistance in plants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10865-10869.	7.1	385
12	Cytosolic HSP90 associates with and modulates the Arabidopsis RPM1 disease resistance protein. EMBO Journal, 2003, 22, 5679-5689.	7.8	365
13	Large-Scale Comparative Phosphoproteomics Identifies Conserved Phosphorylation Sites in Plants Â Â. Plant Physiology, 2010, 153, 1161-1174.	4.8	361
14	Largeâ€scale phosphorylation mapping reveals the extent of tyrosine phosphorylation in <i>Arabidopsis</i>. Molecular Systems Biology, 2008, 4, 193.	7.2	347
15	<i>RRS1</i> and <i>RPS4</i> provide a dual <i>Resistanceâ€</i>gene system against fungal and bacterial pathogens. Plant Journal, 2009, 60, 218-226.	5.7	346
16	A Novel Class of Eukaryotic Zinc-Binding Proteins Is Required for Disease Resistance Signaling in Barley and Development in C. elegans. Cell, 1999, 99, 355-366.	28.9	341
17	The HSP90-SGT1 Chaperone Complex for NLR Immune Sensors. Annual Review of Plant Biology, 2009, 60, 139-164.	18.7	333
18	Comparative genomic and transcriptomic analyses reveal the hemibiotrophic stage shift of <i>Colletotrichum</i> fungi. New Phytologist, 2013, 197, 1236-1249.	7.3	332

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19	A Contiguous 66-kb Barley DNA Sequence Provides Evidence for Reversible Genome Expansion. Genome Research, 2000, 10, 908-915.	5.5	285
20	MEKK1 Is Required for MPK4 Activation and Regulates Tissue-specific and Temperature-dependent Cell Death in Arabidopsis. Journal of Biological Chemistry, 2006, 281, 36969-36976.	3.4	271
21	Convergent evolution of strigolactone perception enabled host detection in parasitic plants. Science, 2015, 349, 540-543.	12.6	255
22	RAR1 Positively Controls Steady State Levels of Barley MLA Resistance Proteins and Enables Sufficient MLA6 Accumulation for Effective Resistance. Plant Cell, 2004, 16, 3480-3495.	6.6	252
23	Virus-Induced Gene Silencing-Based Functional Characterization of Genes Associated with Powdery Mildew Resistance in Barley. Plant Physiology, 2005, 138, 2155-2164.	4.8	245
24	Negative Regulation of PAMP-Triggered Immunity by an E3 Ubiquitin Ligase Triplet in Arabidopsis. Current Biology, 2008, 18, 1396-1401.	3.9	241
25	The U-box protein family in plants. Trends in Plant Science, 2001, 6, 354-358.	8.8	234
26	Role of SGT1 in resistance protein accumulation in plant immunity. EMBO Journal, 2006, 25, 2007-2016.	7.8	226
27	Recognition Specificity and RAR1/SGT1 Dependence in Barley Mla Disease Resistance Genes to the Powdery Mildew Fungus. Plant Cell, 2003, 15, 732-744.	6.6	225
28	WRKY Transcription Factors Phosphorylated by MAPK Regulate a Plant Immune NADPH Oxidase in <i>Nicotiana benthamiana</i>. Plant Cell, 2015, 27, 2645-2663.	6.6	223
29	The Haustorium, a Specialized Invasive Organ in Parasitic Plants. Annual Review of Plant Biology, 2016, 67, 643-667.	18.7	223
30	RAR1 and NDR1 Contribute Quantitatively to Disease Resistance in Arabidopsis, and Their Relative Contributions Are Dependent on the R Gene Assayed. Plant Cell, 2002, 14, 1005-1015.	6.6	218
31	The diverse roles of ubiquitin and the 26S proteasome in the life of plants. Nature Reviews Genetics, 2003, 4, 948-958.	16.3	208
32	The Ubiquitin Ligase PUB22 Targets a Subunit of the Exocyst Complex Required for PAMP-Triggered Responses in <i>Arabidopsis</i>. Plant Cell, 2012, 24, 4703-4716.	6.6	205
33	The <i>Arabidopsis</i> <scp>CERK</scp> 1â€associated kinase <scp>PBL</scp> 27 connects chitin perception to <scp>MAPK</scp> activation. EMBO Journal, 2016, 35, 2468-2483.	7.8	202
34	Complex formation, promiscuity and multi-functionality: protein interactions in disease-resistance pathways. Trends in Plant Science, 2003, 8, 252-258.	8.8	198
35	Arabidopsis RAR1 Exerts Rate-Limiting Control of R Geneâ€"Mediated Defenses against Multiple Pathogens. Plant Cell, 2002, 14, 979-992.	6.6	197
36	The U-Box Protein CMPG1 Is Required for Efficient Activation of Defense Mechanisms Triggered by Multiple Resistance Genes in Tobacco and Tomato. Plant Cell, 2006, 18, 1067-1083.	6.6	195

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37	Plant GSK3 proteins regulate xylem cell differentiation downstream of TDIFâ€“TDR signalling. Nature Communications, 2014, 5, 3504.	12.8	195
38	RACK1 Functions in Rice Innate Immunity by Interacting with the Rac1 Immune Complex Â. Plant Cell, 2008, 20, 2265-2279.	6.6	183
39	Basic Helix-Loop-Helix Transcription Factors JASMONATE-ASSOCIATED MYC2-LIKE1 (JAM1), JAM2, and JAM3 Are Negative Regulators of Jasmonate Responses in Arabidopsis. Plant Physiology, 2013, 163, 291-304.	4.8	178
40	Strigolactones in Plant Interactions with Beneficial and Detrimental Organisms: The Yin and Yang. Trends in Plant Science, 2017, 22, 527-537.	8.8	173
41	Multidimensional Protein Identification Technology (MudPIT) Analysis of Ubiquitinated Proteins in Plants. Molecular and Cellular Proteomics, 2007, 6, 601-610.	3.8	171
42	Structural and Functional Analysis of SGT1 Reveals That Its Interaction with HSP90 Is Required for the Accumulation of Rx, an R Protein Involved in Plant Immunity. Plant Cell, 2007, 19, 3791-3804.	6.6	168
43	A single amino acid insertion in the WRKY domain of the Arabidopsis TIR-NBS-LRR-WRKY-type disease resistance protein SLH1 (sensitive to low humidity 1) causes activation of defense responses and hypersensitive cell death. Plant Journal, 2005, 43, 873-888.	5.7	164
44	NLR sensors meet at the SGT1â€“HSP90 crossroad. Trends in Biochemical Sciences, 2010, 35, 199-207.	7.5	160
45	Ubiquitination in plant immunity. Current Opinion in Plant Biology, 2010, 13, 402-408.	7.1	158
46	Novel Plant Immune-Priming Compounds Identified via High-Throughput Chemical Screening Target Salicylic Acid Glucosyltransferases in <i>Arabidopsis</i> Â Â. Plant Cell, 2012, 24, 3795-3804.	6.6	158
47	Role of ubiquitination in the regulation of plant defence against pathogens. Current Opinion in Plant Biology, 2003, 6, 307-311.	7.1	154
48	Sequence Divergent RXLR Effectors Share a Structural Fold Conserved across Plant Pathogenic Oomycete Species. PLoS Pathogens, 2012, 8, e1002400.	4.7	153
49	Regulators of cell death in disease resistance. Plant Molecular Biology, 2000, 44, 371-385.	3.9	148
50	RAR1 and HSP90 Form a Complex with Rac/Rop GTPase and Function in Innate-Immune Responses in Rice. Plant Cell, 2008, 19, 4035-4045.	6.6	141
51	Phosphatidylinositol monophosphate-binding interface in the oomycete RXLR effector AVR3a is required for its stability in host cells to modulate plant immunity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14682-14687.	7.1	141
52	Horizontal Gene Transfer by the Parasitic Plant <i>Striga hermonthica</i>. Science, 2010, 328, 1128-1128.	12.6	139
53	Regulation of Strigolactone Biosynthesis by Gibberellin Signaling. Plant Physiology, 2017, 174, 1250-1259.	4.8	138
54	Plant cells under siege: plant immune system versus pathogen effectors. Current Opinion in Plant Biology, 2015, 28, 1-8.	7.1	135

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55	The Activated SA and JA Signaling Pathways Have an Influence on flg22-Triggered Oxidative Burst and Callose Deposition. PLoS ONE, 2014, 9, e88951.	2.5	135
56	The <scp><scp>D3</scp> F</scp>â€box protein is a key component in host strigolactone responses essential for arbuscular mycorrhizal symbiosis. New Phytologist, 2012, 196, 1208-1216.	7.3	134
57	Stitching together the Multiple Dimensions of Autophagy Using Metabolomics and Transcriptomics Reveals Impacts on Metabolism, Development, and Plant Responses to the Environment in<i>Arabidopsis</i>Â Â. Plant Cell, 2014, 26, 1857-1877.	6.6	134
58	RanGAP2 Mediates Nucleocytoplasmic Partitioning of the NB-LRR Immune Receptor Rx in the Solanaceae, Thereby Dictating Rx Function Â. Plant Cell, 2011, 22, 4176-4194.	6.6	133
59	The HSP90 complex of plants. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 689-697.	4.1	132
60	The genus <i><scp>S</scp>triga</i>: a witch profile. Molecular Plant Pathology, 2013, 14, 861-869.	4.2	126
61	The Rab GTPase RabG3b functions in autophagy and contributes to tracheary element differentiation in Arabidopsis. Plant Journal, 2010, 64, no-no.	5.7	121
62	Glutathione and tryptophan metabolism are required for <i>Arabidopsis</i> immunity during the hypersensitive response to hemibiotrophs. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9589-9594.	7.1	121
63	Expression Profiling during Arabidopsis/Downy Mildew Interaction Reveals a Highly-Expressed Effector That Attenuates Responses to Salicylic Acid. PLoS Pathogens, 2014, 10, e1004443.	4.7	117
64	Plant Immune Responses to Parasitic Nematodes. Frontiers in Plant Science, 2019, 10, 1165.	3.6	113
65	Molecular characterization of the vir regulon of Agrobacterium tumefaciens: Complete nucleotide sequence and gene organization of the 28.63-kbp regulon cloned as a single unit. Plasmid, 1990, 23, 85-106.	1.4	112
66	Membrane location of the Ti plasmid VirB proteins involved in the biosynthesis of a pilin-like conjugative structure onAgrobacterium tumefaciens. FEMS Microbiology Letters, 1993, 111, 287-293.	1.8	110
67	Cell-autonomous complementation ofmloresistance using a biolistic transient expression system. Plant Journal, 1999, 17, 293-299.	5.7	110
68	The arms race continues: battle strategies between plants and fungal pathogens. Current Opinion in Microbiology, 2005, 8, 399-404.	5.1	109
69	Genome Sequence of Striga asiatica Provides Insight into the Evolution of Plant Parasitism. Current Biology, 2019, 29, 3041-3052.e4.	3.9	109
70	Structural Basis for Assembly of Hsp90-Sgt1-CHORD Protein Complexes: Implications for Chaperoning of NLR Innate Immunity Receptors. Molecular Cell, 2010, 39, 269-281.	9.7	108
71	Cell-cell adhesion in plant grafting is facilitated by Î²-1,4-glucanases. Science, 2020, 369, 698-702.	12.6	108
72	Quality control of plant peroxisomes in organ specific manner via autophagy. Journal of Cell Science, 2014, 127, 1161-8.	2.0	105

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73	Structural and functional coupling of Hsp90- and Sgt1-centred multi-protein complexes. EMBO Journal, 2008, 27, 2789-2798.	7.8	104
74	Multiple layers of incompatibility to the parasitic witchweed, <i>Striga hermonthica</i>. New Phytologist, 2009, 183, 180-189.	7.3	103
75	Local Auxin Biosynthesis Mediated by a YUCCA Flavin Monooxygenase Regulates Haustorium Development in the Parasitic Plant <i>Phtheirospermum japonicum</i>. Plant Cell, 2016, 28, 1795-1814.	6.6	102
76	Quantitative phosphoproteomic analysis reveals common regulatory mechanisms between effectorâ€• and PAMPâ€triggered immunity in plants. New Phytologist, 2019, 221, 2160-2175.	7.3	102
77	A Munc13-like protein in Arabidopsis mediates H+-ATPase translocation that is essential for stomatal responses. Nature Communications, 2013, 4, 2215.	12.8	101
78	Interfamily Transfer of Dual NB-LRR Genes Confers Resistance to Multiple Pathogens. PLoS ONE, 2013, 8, e55954.	2.5	93
79	A calmodulinâ€like protein regulates plasmodesmal closure during bacterial immune responses. New Phytologist, 2017, 215, 77-84.	7.3	90
80	An inner-membrane-associated virulence protein essential for T-DNA transfer from Agrobacterium tumefaciens to plants exhibits ATPase activity and similarities to conjugative transfer genes. Molecular Microbiology, 1994, 11, 581-588.	2.5	83
81	Characterization of the virB operon of an Agrobacterium tumefaciens Ti plasmid: nucleotide sequence and protein analysis. Molecular Microbiology, 1990, 4, 1153-1163.	2.5	82
82	Interspecies hormonal control of host root morphology by parasitic plants. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5283-5288.	7.1	82
83	Analysis of Differential Expression Patterns of mRNA and Protein During Cold-acclimation and De-acclimation in Arabidopsis. Molecular and Cellular Proteomics, 2014, 13, 3602-3611.	3.8	78
84	The product of the virB4 gene of Agrobacterium tumefaciens promotes accumulation of VirB3 protein. Journal of Bacteriology, 1994, 176, 5255-5261.	2.2	77
85	Quinone perception in plants via leucine-rich-repeat receptor-like kinases. Nature, 2020, 587, 92-97.	27.8	77
86	Multi-omics analysis on an agroecosystem reveals the significant role of organic nitrogen to increase agricultural crop yield. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14552-14560.	7.1	77
87	Haustorial Hairs Are Specialized Root Hairs That Support Parasitism in the Facultative Parasitic Plant <i>Phtheirospermum japonicum</i>. Plant Physiology, 2016, 170, 1492-1503.	4.8	72
88	Agrobacterium rhizogenes-Mediated Transformation of the Parasitic Plant Phtheirospermum japonicum. PLoS ONE, 2011, 6, e25802.	2.5	70
89	Genus-Wide Comparative Genome Analyses of<i>Colletotrichum</i>Species Reveal Specific Gene Family Losses and Gains during Adaptation to Specific Infection Lifestyles. Genome Biology and Evolution, 2016, 8, 1467-1481.	2.5	69
90	Loss of NECROTIC SPOTTED LESIONS 1 associates with cell death and defense responses in Arabidopsis thaliana. Plant Molecular Biology, 2006, 62, 29-42.	3.9	68

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91	Sulfonamides identified as plant immune-priming compounds in high-throughput chemical screening increase disease resistance in Arabidopsis thaliana. Frontiers in Plant Science, 2012, 3, 245.	3.6	68
92	Regulation, expression and function of a new basic chitinase gene in rice (Oryza sativa L.). Plant Molecular Biology, 1996, 30, 387-401.	3.9	66
93	Host lignin composition affects haustorium induction in the parasitic plants <i>Phtheirospermum japonicum</i> and <i>Striga hermonthica</i>. New Phytologist, 2018, 218, 710-723.	7.3	64
94	VirB2 is a processed pilin-like protein encoded by the Agrobacterium tumefaciens Ti plasmid. Journal of Bacteriology, 1996, 178, 5706-5711.	2.2	63
95	An artificial metalloenzyme biosensor can detect ethylene gas in fruits and Arabidopsis leaves. Nature Communications, 2019, 10, 5746.	12.8	62
96	The Structural Integrity of Lignin Is Crucial for Resistance against <i>Striga hermonthica</i> Parasitism in Rice. Plant Physiology, 2019, 179, 1796-1809.	4.8	60
97	Structural and functional analysis of SGT1â€“HSP90 core complex required for innate immunity in plants. EMBO Reports, 2008, 9, 1209-1215.	4.5	59
98	The RNA-binding protein FPA regulates flg22-triggered defense responses and transcription factor activity by alternative polyadenylation. Scientific Reports, 2013, 3, 2866.	3.3	58
99	Shotguns in the Front Line: Phosphoproteomics in Plants. Plant and Cell Physiology, 2012, 53, 118-124.	3.1	55
100	The <i>WRKY45</i>-Dependent Signaling Pathway Is Required For Resistance against <i>Striga hermonthica</i> Parasitism. Plant Physiology, 2015, 168, 1152-1163.	4.8	51
101	Same tune, different song â€” cytokinins as virulence factors in plantâ€“pathogen interactions?. Current Opinion in Plant Biology, 2018, 44, 82-87.	7.1	50
102	Haustorium Inducing Factors for Parasitic Orobanchaceae. Frontiers in Plant Science, 2019, 10, 1056.	3.6	49
103	Genomic Plasticity Mediated by Transposable Elements in the Plant Pathogenic Fungus Colletotrichum higginsianum. Genome Biology and Evolution, 2019, 11, 1487-1500.	2.5	47
104	Abscisic acidâ€dependent histone demethylation during postgermination growth arrest in <i>Arabidopsis</i>. Plant, Cell and Environment, 2019, 42, 2198-2214.	5.7	46
105	Exogenous Treatment with Glutamate Induces Immune Responses in <i>Arabidopsis</i>. Molecular Plant-Microbe Interactions, 2020, 33, 474-487.	2.6	46
106	12-Oxo-Phytodienoic Acidâ€“Glutathione Conjugate is Transported into the Vacuole in Arabidopsis. Plant and Cell Physiology, 2011, 52, 205-209.	3.1	45
107	Plants that attack plants: molecular elucidation of plant parasitism. Current Opinion in Plant Biology, 2012, 15, 708-713.	7.1	45
108	ThevirBoperon of theAgrobacterium tumefaciensvirulence regulon has sequence similarities to B, Cand D open reading frames downstream of the pertussis toxin-operon and to the DNA transfer-operons of broad-host-range conjugative plasmids. Nucleic Acids Research, 1993, 21, 353-354.	14.5	41

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109	A Chemical Biology Approach Reveals an Opposite Action between Thermospermine and Auxin in Xylem Development in Arabidopsis thaliana. Plant and Cell Physiology, 2012, 53, 635-645.	3.1	41
110	A downy mildew effector evades recognition by polymorphism of expression and subcellular localization. Nature Communications, 2018, 9, 5192.	12.8	40
111	Orobanchaceae parasiteâ€“host interactions. New Phytologist, 2021, 230, 46-59.	7.3	40
112	The Genomics of Colletotrichum. , 2014, , 69-102.		38
113	A possible involvement of autophagy in amyloplast degradation in columella cells during hydrotropic response of Arabidopsis roots. Planta, 2012, 236, 999-1012.	3.2	37
114	Disruption of the MAMP-Induced MEKK1-MKK1/MKK2-MPK4 Pathway Activates the TNL Immune Receptor SMN1/RPS6. Plant and Cell Physiology, 2019, 60, 778-787.	3.1	37
115	Ethylene signaling mediates host invasion by parasitic plants. Science Advances, 2020, 6, .	10.3	37
116	Chromosome landing at the barley Rar1 locus. Molecular Genetics and Genomics, 1998, 260, 92-101.	2.4	36
117	A full-length enriched cDNA library and expressed sequence tag analysis of the parasitic weed, Striga hermonthica. BMC Plant Biology, 2010, 10, 55.	3.6	34
118	Inappropriate Expression of an NLP Effector in <i>Colletotrichum orbiculare</i> Impairs Infection on Cucurbitaceae Cultivars via Plant Recognition of the C-Terminal Region. Molecular Plant-Microbe Interactions, 2018, 31, 101-111.	2.6	34
119	<i>Arabidopsis</i>dual resistance proteins, both RPS4 and RRS1, are required for resistance to bacterial wilt in transgenic<i>Brassica</i>crops. Plant Signaling and Behavior, 2014, 9, e29130.	2.4	33
120	Markers to differentiate species of anthracnose fungi identify Colletotrichum fructicola as the predominant virulent species in strawberry plants in Chiba Prefecture of Japan. Journal of General Plant Pathology, 2017, 83, 14-22.	1.0	33
121	Regulation of floral meristem activity through the interaction of AGAMOUS, SUPERMAN, and CLAVATA3 in Arabidopsis. Plant Reproduction, 2018, 31, 89-105.	2.2	33
122	Molecular Parasitic Plantâ€“Host Interactions. PLoS Pathogens, 2016, 12, e1005978.	4.7	32
123	High-Quality Genome Sequence of the Root-Knot Nematode Meloidogyne arenaria Genotype A2-O. Genome Announcements, 2018, 6, .	0.8	32
124	WIND transcription factors orchestrate woundâ€induced callus formation, vascular reconnection and defense response in Arabidopsis. New Phytologist, 2021, 232, 734-752.	7.3	32
125	TPR-Mediated Self-Association of Plant SGT1. Biochemistry, 2007, 46, 11331-11341.	2.5	31
126	Auxin transport network underlies xylem bridge formation between the hemi-parasitic plant <i>Phtheirospermum japonicum</i> and host Arabidopsis. Development (Cambridge), 2020, 147, .	2.5	31

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127	Induced cell fate transitions at multiple cell layers configure haustorium development in parasitic plants. Development (Cambridge), 2018, 145, .	2.5	29
128	Host-parasite tissue adhesion by a secreted type of Î²-1,4-glucanase in the parasitic plant Phtheirospermum japonicum. Communications Biology, 2020, 3, 407.	4.4	29
129	Signal transduction in plant immunity. Current Opinion in Immunology, 1996, 8, 3-7.	5.5	28
130	Comprehensive analysis of protein interactions between JAZ proteins and bHLH transcription factors that negatively regulate jasmonate signaling. Plant Signaling and Behavior, 2014, 9, e27639.	2.4	28
131	Transcriptomic and Metabolomic Reprogramming from Roots to Haustoria in the Parasitic Plant, Thesium chinense. Plant and Cell Physiology, 2018, 59, 729-738.	3.1	27
132	Transcriptomics exposes the uniqueness of parasitic plants. Briefings in Functional Genomics, 2015, 14, 275-282.	2.7	25
133	High Impact Gene Discovery: Simple Strand-Specific mRNA Library Construction and Differential Regulatory Analysis Based on Gene Co-Expression Network. Methods in Molecular Biology, 2018, 1830, 163-189.	0.9	24
134	A pair of effectors encoded on a conditionally dispensable chromosome of Fusarium oxysporum suppress host-specific immunity. Communications Biology, 2021, 4, 707.	4.4	23
135	ImprimatinC1, a novel plant immune-priming compound, functions as a partial agonist of salicylic acid. Scientific Reports, 2012, 2, 705.	3.3	22
136	Genome Sequence Resources for Four Phytopathogenic Fungi from the <i>Colletotrichum orbiculare</i> Species Complex. Molecular Plant-Microbe Interactions, 2019, 32, 1088-1090.	2.6	22
137	Recognition of pathogen-derived sphingolipids in <i>Arabidopsis</i>. Science, 2022, 376, 857-860.	12.6	22
138	Diuretics Prime Plant Immunity in Arabidopsis thaliana. PLoS ONE, 2012, 7, e48443.	2.5	21
139	The GYF domain protein PSIG1 dampens the induction of cell death during plant-pathogen interactions. PLoS Genetics, 2017, 13, e1007037.	3.5	21
140	Arabidopsis SMN2/HEN2, Encoding DEAD-Box RNA Helicase, Governs Proper Expression of the Resistance Gene SMN1/RPS6 and Is Involved in Dwarf, Autoimmune Phenotypes of mekk1 and mpk4 Mutants. Plant and Cell Physiology, 2020, 61, 1507-1516.	3.1	21
141	Subtilase activity in intrusive cells mediates haustorium maturation in parasitic plants. Plant Physiology, 2021, 185, 1381-1394.	4.8	21
142	Quinone oxidoreductase 2 is involved in haustorium development of the parasitic plant <i>Phtheirospermum japonicum</i>. Plant Signaling and Behavior, 2017, 12, e1319029.	2.4	20
143	Resistance and susceptibility of plants to fungal pathogens. Transgenic Research, 2002, 11, 567-582.	2.4	19
144	How to resist parasitic plants: pre- and post-attachment strategies. Current Opinion in Plant Biology, 2021, 62, 102004.	7.1	19

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145	Breaking restricted taxonomic functionality by dual<i>resistance</i>genes. Plant Signaling and Behavior, 2013, 8, e24244.	2.4	18
146	Draft Genome Assembly of <i>Colletotrichum chlorophyti</i> , a Pathogen of Herbaceous Plants. Genome Announcements, 2017, 5, .	0.8	18
147	High-Quality Draft Genome Sequence of Fusarium oxysporum f. sp. <i>cubense</i> Strain 160527, a Causal Agent of Panama Disease. Microbiology Resource Announcements, 2019, 8, .	0.6	18
148	Biochemical Characterization of RAR1 Cysteine- and Histidine-Rich Domains (CHORDs):Â A Novel Class of Zinc-Dependent Proteinâˆ’Protein Interaction Modulesâ€. Biochemistry, 2007, 46, 1612-1623.	2.5	17
149	The RXLR motif of oomycete effectors is not a sufficient element for binding to phosphatidylinositol monophosphates. Plant Signaling and Behavior, 2013, 8, e23865.	2.4	17
150	Identification of novel sesterterpenes by genome mining of phytopathogenic fungi Phoma and Colletotrichum sp.. Tetrahedron Letters, 2018, 59, 1136-1139.	1.4	17
151	Establishment of a selection marker recycling system for sequential transformation of the plantâ€pathogenic fungus <i>Colletotrichum orbiculare</i>. Molecular Plant Pathology, 2019, 20, 447-459.	4.2	17
152	Telomeres and a repeatâ€rich chromosome encode effector gene clusters in plant pathogenic <i>Colletotrichum</i> fungi. Environmental Microbiology, 2021, 23, 6004-6018.	3.8	17
153	Three-dimensional reconstructions of haustoria in two parasitic plant species in the Orobanchaceae. Plant Physiology, 2021, 185, 1429-1442.	4.8	17
154	Transcriptomic Analysis of Resistant and Susceptible Responses in a New Model Root-Knot Nematode Infection System Using Solanum torvum and Meloidogyne arenaria. Frontiers in Plant Science, 2021, 12, 680151.	3.6	16
155	Oxicam-type non-steroidal anti-inflammatory drugs inhibit NPR1-mediated salicylic acid pathway. Nature Communications, 2021, 12, 7303.	12.8	16
156	Colletotrichum shisoi sp. nov., an anthracnose pathogen of Perilla frutescens in Japan: molecular phylogenetic, morphological and genomic evidence. Scientific Reports, 2019, 9, 13349.	3.3	15
157	Short-Term Magnesium Deficiency Triggers Nutrient Retranslocation in Arabidopsis thaliana. Frontiers in Plant Science, 2020, 11, 563.	3.6	15
158	Tobacco Root Endophytic <i>Arthrobacter</i> Harbors Genomic Features Enabling the Catabolism of Host-Specific Plant Specialized Metabolites. MBio, 2021, 12, e0084621.	4.1	14
159	Thermospermine suppresses auxin-inducible xylem differentiation in<i>Arabidopsis thaliana</i>. Plant Signaling and Behavior, 2012, 7, 937-939.	2.4	13
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