

Timing of plant immune responses by a central circadian

Nature

470, 110-114

DOI: [10.1038/nature09766](https://doi.org/10.1038/nature09766)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Effective Models of Periodically Driven Networks. <i>Biophysical Journal</i> , 2011, 101, 2563-2571.	0.2	3
2	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
3	The Genetics of Plant Clocks. <i>Advances in Genetics</i> , 2011, 74, 105-139.	0.8	102
4	Plant Metabolomics: A Characterisation of Plant Responses to Abiotic Stresses. , 0, , .		12
5	Molecular Cloning of ATR5Emoy2 from <i>Hyaloperonospora arabidopsidis</i> , an Avirulence Determinant That Triggers RPP5-Mediated Defense in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 827-838.	1.4	102
6	Time-Related Dynamics of Variation in Core Clock Gene Expression Levels in Tissues Relevant to the Immune System. <i>International Journal of Immunopathology and Pharmacology</i> , 2011, 24, 869-879.	1.0	23
7	Connecting the sun to flowering in sunflower adaptation. <i>Molecular Ecology</i> , 2011, 20, no-no.	2.0	54
8	Defence at dawn. <i>Nature</i> , 2011, 470, 44-45.	13.7	10
9	Genetic and evolutionary perspectives on the interplay between plant immunity and development. <i>Current Opinion in Plant Biology</i> , 2011, 14, 378-384.	3.5	30
10	Molecular Mechanisms Underlying the <i>Arabidopsis</i> Circadian Clock. <i>Plant and Cell Physiology</i> , 2011, 52, 1709-1718.	1.5	86
11	<i>Hyaloperonospora arabidopsidis</i> ATR1 effector is a repeat protein with distributed recognition surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13323-13328.	3.3	111
12	Multiple Roles of WIN3 in Regulating Disease Resistance, Cell Death, and Flowering Time in <i>Arabidopsis</i> Å Å. <i>Plant Physiology</i> , 2011, 156, 1508-1519.	2.3	71
13	Expanded functions for a family of plant intracellular immune receptors beyond specific recognition of pathogen effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16463-16468.	3.3	346
14	A Reduced-Function Allele Reveals That <i>EARLY FLOWERING3</i> Repressive Action on the Circadian Clock Is Modulated by Phytochrome Signals in <i>Arabidopsis</i> Å Å. <i>Plant Cell</i> , 2011, 23, 3230-3246.	3.1	95
15	Ground-level ozone influenced by circadian control of isoprene emissions. <i>Nature Geoscience</i> , 2011, 4, 671-674.	5.4	59
16	Chromatin Configuration as a Battlefield in Plant-Bacteria Interactions. <i>Plant Physiology</i> , 2011, 157, 535-543.	2.3	44
17	The clock primes defense at dawn. <i>Immunology and Cell Biology</i> , 2011, 89, 661-662.	1.0	4
18	The gene encoding <i>Arabidopsis</i> acyl-CoA-binding protein 3 is pathogen inducible and subject to circadian regulation. <i>Journal of Experimental Botany</i> , 2012, 63, 2985-3000.	2.4	57

#	ARTICLE	IF	CITATIONS
19	EFFECTIVE MODELS FOR GENE NETWORKS AND THEIR APPLICATIONS. <i>Biophysical Reviews and Letters</i> , 2012, 07, 41-70.	0.9	4
20	RASL-seq for Massively Parallel and Quantitative Analysis of Gene Expression. <i>Current Protocols in Molecular Biology</i> , 2012, 98, Unit 4.13.1-9.	2.9	78
21	Timely plant defenses protect against caterpillar herbivory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4343-4344.	3.3	19
22	Time for a Nuclear Meeting: Protein Trafficking and Chromatin Dynamics Intersect in the Plant Circadian System. <i>Molecular Plant</i> , 2012, 5, 554-565.	3.9	36
23	The Light-Response BTB1 and BTB2 Proteins Assemble Nuclear Ubiquitin Ligases That Modify Phytochrome B and D Signaling in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2012, 160, 118-134.	2.3	49
24	Immunity's fourth dimension: approaching the circadian-immune connection. <i>Trends in Immunology</i> , 2012, 33, 607-612.	2.9	84
25	Large-scale transcriptome characterization and mass discovery of SNPs in globe artichoke and its related taxa. <i>Plant Biotechnology Journal</i> , 2012, 10, 956-969.	4.1	33
26	CRT1 is a nuclear-translocated MORC endonuclease that participates in multiple levels of plant immunity. <i>Nature Communications</i> , 2012, 3, 1297.	5.8	41
27	Newly Described Components and Regulatory Mechanisms of Circadian Clock Function in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2012, 5, 545-553.	3.9	22
28	TIME FOR COFFEE Represses Accumulation of the MYC2 Transcription Factor to Provide Time-of-Day Regulation of Jasmonate Signaling in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 2470-2482.	3.1	151
29	Brassinosteroids modulate the efficiency of plant immune responses to microbe-associated molecular patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 297-302.	3.3	287
30	<i>Arabidopsis</i> Defense against <i>Botrytis cinerea</i> : Chronology and Regulation Deciphered by High-Resolution Temporal Transcriptomic Analysis. <i>Plant Cell</i> , 2012, 24, 3530-3557.	3.1	337
31	Plant Innate Immunity: Perception of Conserved Microbial Signatures. <i>Annual Review of Plant Biology</i> , 2012, 63, 451-482.	8.6	304
32	<i>Arabidopsis</i> circadian clock protein, TOC1, is a DNA-binding transcription factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3167-3172.	3.3	436
33	The Oscillating miRNA 959-964 Cluster Impacts <i>Drosophila</i> Feeding Time and Other Circadian Outputs. <i>Cell Metabolism</i> , 2012, 16, 601-612.	7.2	57
34	Complexity in the Wiring and Regulation of Plant Circadian Networks. <i>Current Biology</i> , 2012, 22, R648-R657.	1.8	246
35	Expression Profiling of <i>Cucumis sativus</i> in Response to Infection by <i>Pseudoperonospora cubensis</i> . <i>PLoS ONE</i> , 2012, 7, e34954.	1.1	54
36	<i>Arabidopsis</i> synchronizes jasmonate-mediated defense with insect circadian behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4674-4677.	3.3	276

#	ARTICLE	IF	CITATIONS
37	Chloroplast-mediated activation of plant immune signalling in Arabidopsis. Nature Communications, 2012, 3, 926.	5.8	332
38	How do plants achieve immunity? Defence without specialized immune cells. Nature Reviews Immunology, 2012, 12, 89-100.	10.6	904
39	Small molecule modifiers of circadian clocks. Cellular and Molecular Life Sciences, 2013, 70, 2985-2998.	2.4	95
40	Set-point control of RD21 protease activity by AtSerp1 controls cell death in Arabidopsis. Plant Journal, 2013, 74, 498-510.	2.8	113
41	Modulation of plant immunity by light, circadian rhythm, and temperature. Current Opinion in Plant Biology, 2013, 16, 406-413.	3.5	151
42	A genome scale metabolic network for rice and accompanying analysis of tryptophan, auxin and serotonin biosynthesis regulation under biotic stress. Rice, 2013, 6, 15.	1.7	101
43	Human Epidermal Stem Cell Function Is Regulated by Circadian Oscillations. Cell Stem Cell, 2013, 13, 745-753.	5.2	117
44	Submergence Confers Immunity Mediated by the WRKY22 Transcription Factor in Arabidopsis. Plant Cell, 2013, 25, 2699-2713.	3.1	178
45	Characterization of temperature and light effects on the defense response phenotypes associated with the maize Rp1-D21 autoactive resistance gene. BMC Plant Biology, 2013, 13, 106.	1.6	35
46	Plant immune response to pathogens differs with changing temperatures. Nature Communications, 2013, 4, 2530.	5.8	156
47	The circadian clock goes genomic. Genome Biology, 2013, 14, 208.	3.8	63
48	Linking the signaling cascades and dynamic regulatory networks controlling stress responses. Genome Research, 2013, 23, 365-376.	2.4	71
49	Systemic Acquired Resistance: Turning Local Infection into Global Defense. Annual Review of Plant Biology, 2013, 64, 839-863.	8.6	1,234
50	Global approaches for telling time: Omics and the Arabidopsis circadian clock. Seminars in Cell and Developmental Biology, 2013, 24, 383-392.	2.3	47
51	Pathogen and Circadian Controlled 1 (PCC1) regulates polar lipid content, ABA-related responses, and pathogen defence in Arabidopsis thaliana. Journal of Experimental Botany, 2013, 64, 3385-3395.	2.4	42
52	Circadian control of the immune system. Nature Reviews Immunology, 2013, 13, 190-198.	10.6	782
53	The Genetic and Molecular Basis of Plant Resistance to Pathogens. Journal of Genetics and Genomics, 2013, 40, 23-35.	1.7	100
54	Beyond Arabidopsis: The circadian clock in non-model plant species. Seminars in Cell and Developmental Biology, 2013, 24, 430-436.	2.3	67

#	ARTICLE	IF	CITATIONS
55	<sc>RNA</sc>seq-based transcriptome analysis of <i>Lactuca sativa</i> infected by the fungal necrotroph <i>Botrytis cinerea</i>. Plant, Cell and Environment, 2013, 36, 1992-2007.	2.8	129
56	Genomic and epigenetic insights into the molecular bases of heterosis. Nature Reviews Genetics, 2013, 14, 471-482.	7.7	444
57	Just in time. Plant Signaling and Behavior, 2013, 8, e24410.	1.2	25
58	Take a deep breath: peptide signalling in stomatal patterning and differentiation. Journal of Experimental Botany, 2013, 64, 5243-5251.	2.4	37
59	Bacterial Bioluminescence Regulates Expression of a Host Cryptochrome Gene in the Squid-Vibrio Symbiosis. MBio, 2013, 4, .	1.8	69
60	Reduced Carbohydrate Availability Enhances the Susceptibility of Arabidopsis toward <i>Colletotrichum higginsianum</i>. Plant Physiology, 2013, 162, 225-238.	2.3	51
61	Reciprocal Interaction of the Circadian Clock with the Iron Homeostasis Network in Arabidopsis. Plant Physiology, 2013, 161, 893-903.	2.3	85
62	Cryptogein-Induced Transcriptional Reprogramming in Tobacco Is Light Dependent. Plant Physiology, 2013, 163, 263-275.	2.3	9
63	Salicylic acid 3-hydroxylase regulates <i>Arabidopsis</i> leaf longevity by mediating salicylic acid catabolism. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14807-14812.	3.3	236
64	Catalase and <i>NO CATALASE ACTIVITY1</i> Promote Autophagy-Dependent Cell Death in <i>Arabidopsis</i>. Plant Cell, 2013, 25, 4616-4626.	3.1	101
65	Sugars, the clock and transition to flowering. Frontiers in Plant Science, 2013, 4, 22.	1.7	94
66	Crosstalk between the Circadian Clock and Innate Immunity in Arabidopsis. PLoS Pathogens, 2013, 9, e1003370.	2.1	164
67	Sweet immunity in the plant circadian regulatory network. Journal of Experimental Botany, 2013, 64, 1439-1449.	2.4	99
68	Circadian clock regulates the host response to <i>Salmonella</i>. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9897-9902.	3.3	216
69	Plant defense after flooding. Plant Signaling and Behavior, 2013, 8, e26922.	1.2	14
70	Some Monocytes Got Rhythm. Science, 2013, 341, 1462-1464.	6.0	8
71	Genome-scale cold stress response regulatory networks in ten Arabidopsis thaliana ecotypes. BMC Genomics, 2013, 14, 722.	1.2	73
72	Membrane Transport: Regulation is the Buzzword. Molecular Plant, 2013, 6, 2-4.	3.9	0

#	ARTICLE	IF	CITATIONS
73	Gene Expression in Plant Lipid Metabolism in Arabidopsis Seedlings. PLoS ONE, 2014, 9, e107372.	1.1	31
74	Functional Characterization of a Nudix Hydrolase AtNUDX8 upon Pathogen Attack Indicates a Positive Role in Plant Immune Responses. PLoS ONE, 2014, 9, e114119.	1.1	32
75	Rheumatoid arthritis and the biological clock. Expert Review of Clinical Immunology, 2014, 10, 687-695.	1.3	10
76	Stomatal conductance in Amazonian tree saplings in response to variations in the physical environment. Photosynthetica, 2014, 52, 493-500.	0.9	17
77	Sucrose and invertases, a part of the plant defense response to the biotic stresses. Frontiers in Plant Science, 2014, 5, 293.	1.7	276
78	The phosphate transporter PHT4;1 is a salicylic acid regulator likely controlled by the circadian clock protein CCA1. Frontiers in Plant Science, 2014, 5, 701.	1.7	35
79	Light-dependent expression of flg22-induced defense genes in Arabidopsis. Frontiers in Plant Science, 2014, 5, 531.	1.7	39
80	Expression Profiling during Arabidopsis/Downy Mildew Interaction Reveals a Highly-Expressed Effector That Attenuates Responses to Salicylic Acid. PLoS Pathogens, 2014, 10, e1004443.	2.1	117
81	Experimental and bioinformatic characterization of a recombinant polygalacturonase-inhibitor protein from pearl millet and its interaction with fungal polygalacturonases. Journal of Experimental Botany, 2014, 65, 5033-5047.	2.4	8
82	A Noncanonical Role for the CKI-RB-E2F Cell-Cycle Signaling Pathway in Plant Effector-Triggered Immunity. Cell Host and Microbe, 2014, 16, 787-794.	5.1	93
83	The roots of plant defenses: integrative multivariate analyses uncover dynamic behaviors of gene and metabolic networks of roots elicited by leaf herbivory. Plant Journal, 2014, 77, 880-892.	2.8	24
84	Circadian Redox Signaling in Plant Immunity and Abiotic Stress. Antioxidants and Redox Signaling, 2014, 20, 3024-3039.	2.5	47
85	Light regulates motility, attachment and virulence in the plant pathogen <i>Pseudomonas syringae</i> pv tomato DC3000. Environmental Microbiology, 2014, 16, 2072-2085.	1.8	45
86	RNA-Seq derived identification of differential transcription in the chrysanthemum leaf following inoculation with <i>Alternaria tenuissima</i> . BMC Genomics, 2014, 15, 9.	1.2	33
87	Plant-Pathogen Interactions. Methods in Molecular Biology, 2014, , .	0.4	3
88	Do all creatures possess an acquired immune system of some sort?. BioEssays, 2014, 36, 273-281.	1.2	52
89	Cell-wall invertases, key enzymes in the modulation of plant metabolism during defence responses. Molecular Plant Pathology, 2014, 15, 858-864.	2.0	110
90	Interplays of Plant Circadian Clock and Abiotic Stress Response Networks. , 2014, , 487-506.		5

#	ARTICLE	IF	CITATIONS
91	Orchestration of plant defense systems: genes to populations. <i>Trends in Plant Science</i> , 2014, 19, 250-255.	4.3	18
92	iNID: An Analytical Framework for Identifying Network Models for Interplays among Developmental Signaling in Arabidopsis. <i>Molecular Plant</i> , 2014, 7, 792-813.	3.9	9
93	Wheels within wheels: the plant circadian system. <i>Trends in Plant Science</i> , 2014, 19, 240-249.	4.3	317
94	ABA Signaling and Circadian Clock. , 2014, , 385-407.		0
95	Environmental Stresses Modulate Abundance and Timing of Alternatively Spliced Circadian Transcripts in Arabidopsis. <i>Molecular Plant</i> , 2014, , .	3.9	9
96	Connecting Growth and Defense: The Emerging Roles of Brassinosteroids and Gibberellins in Plant Innate Immunity. <i>Molecular Plant</i> , 2014, 7, 943-959.	3.9	235
97	Circadian oscillatory transcriptional programs in grapevine ripening fruits. <i>BMC Plant Biology</i> , 2014, 14, 78.	1.6	35
98	Differential Control of Pre-Invasive and Post-Invasive Antibacterial Defense by the Arabidopsis Circadian Clock. <i>Plant and Cell Physiology</i> , 2014, 55, 1613-1622.	1.5	58
99	From Behavior to Mechanisms: An Integrative Approach to the Manipulation by a Parasitic Fungus (<i>Ophiocordyceps unilateralis</i> s.l.) of Its Host Ants (<i>Camponotus</i> spp.). <i>Integrative and Comparative Biology</i> , 2014, 54, 166-176.	0.9	32
101	Jasmonate signalling drives time-of-day differences in susceptibility of Arabidopsis to the fungal pathogen <i>Botrytis cinerea</i> . <i>Plant Journal</i> , 2015, 84, 937-948.	2.8	81
102	Bacterial Leaf Infiltration Assay for Fine Characterization of Plant Defense Responses using the <i>Arabidopsis thaliana</i> - <i>Pseudomonas syringae</i> ; Pathosystem. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	35
104	Signal regulators of systemic acquired resistance. <i>Frontiers in Plant Science</i> , 2015, 06, 228.	1.7	218
105	Setting the PAS, the role of circadian PAS domain proteins during environmental adaptation in plants. <i>Frontiers in Plant Science</i> , 2015, 6, 513.	1.7	32
106	Spatial dissection of the <i>Arabidopsis thaliana</i> transcriptional response to downy mildew using Fluorescence Activated Cell Sorting. <i>Frontiers in Plant Science</i> , 2015, 6, 527.	1.7	23
108	A comparison of high-throughput techniques for assaying circadian rhythms in plants. <i>Plant Methods</i> , 2015, 11, 32.	1.9	14
109	Around the Fungal Clock. <i>Advances in Genetics</i> , 2015, 92, 107-184.	0.8	45
110	<i>Arabidopsis thaliana</i> natural variation reveals connections between UV radiation stress and plant pathogen-like defense responses. <i>Plant Physiology and Biochemistry</i> , 2015, 93, 34-43.	2.8	21
111	TCP three-way handshake: linking developmental processes with plant immunity. <i>Trends in Plant Science</i> , 2015, 20, 238-245.	4.3	90

#	ARTICLE	IF	CITATIONS
112	STRESSing the role of the plant circadian clock. <i>Trends in Plant Science</i> , 2015, 20, 230-237.	4.3	119
113	Retromer Contributes to Immunity-Associated Cell Death in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 463-479.	3.1	67
114	Environmental Stresses Modulate Abundance and Timing of Alternatively Spliced Circadian Transcripts in Arabidopsis. <i>Molecular Plant</i> , 2015, 8, 207-227.	3.9	142
115	NLRs in plants. <i>Current Opinion in Immunology</i> , 2015, 32, 114-121.	2.4	146
116	Revealing Shared and Distinct Gene Network Organization in Arabidopsis Immune Responses by Integrative Analysis. <i>Plant Physiology</i> , 2015, 167, 1186-1203.	2.3	62
117	The pearl millet mitogen-activated protein kinase PgMPK4 is involved in responses to downy mildew infection and in jasmonic- and salicylic acid-mediated defense. <i>Plant Molecular Biology</i> , 2015, 87, 287-302.	2.0	13
118	Natural diversity in daily rhythms of gene expression contributes to phenotypic variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 905-910.	3.3	68
119	The rice serine/threonine protein kinase OsPBL1 (ORYZA SATIVA ARABIDOPSIS PBS1-LIKE 1) is potentially involved in resistance to rice stripe disease. <i>Plant Growth Regulation</i> , 2015, 77, 67-75.	1.8	20
120	Brassica napus L. cultivars show a broad variability in their morphology, physiology and metabolite levels in response to sulfur limitations and to pathogen attack. <i>Frontiers in Plant Science</i> , 2015, 6, 9.	1.7	19
121	Natural variation in timing of stress-responsive gene expression predicts heterosis in intraspecific hybrids of Arabidopsis. <i>Nature Communications</i> , 2015, 6, 7453.	5.8	109
122	The interactome of soybean GmWRKY53 using yeast 2-hybrid library screening to saturation. <i>Plant Signaling and Behavior</i> , 2015, 10, e1028705.	1.2	11
123	Redox rhythm reinforces the circadian clock to gate immune response. <i>Nature</i> , 2015, 523, 472-476.	13.7	167
124	The regulation of UV-B responses by the circadian clock. <i>Plant Signaling and Behavior</i> , 2015, 10, e1000164.	1.2	12
125	Circadian Clock Genes Universally Control Key Agricultural Traits. <i>Molecular Plant</i> , 2015, 8, 1135-1152.	3.9	182
126	Spatial and temporal regulation of biosynthesis of the plant immune signal salicylic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9166-9173.	3.3	181
127	A circadian oscillator in the fungus <i>Botrytis cinerea</i> regulates virulence when infecting <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8744-8749.	3.3	124
129	The influence of biological rhythms on host-parasite interactions. <i>Trends in Ecology and Evolution</i> , 2015, 30, 314-326.	4.2	92
130	RNA-seq analysis reveals the role of red light in resistance against <i>Pseudomonas syringae</i> pv. tomato DC3000 in tomato plants. <i>BMC Genomics</i> , 2015, 16, 120.	1.2	82

#	ARTICLE	IF	CITATIONS
131	Comparative transcriptome profiling of a rice line carrying Xa39 and its parents triggered by <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> provides novel insights into the broad-spectrum hypersensitive response. <i>BMC Genomics</i> , 2015, 16, 111.	1.2	23
132	Keeping the rhythm: light/dark cycles during postharvest storage preserve the tissue integrity and nutritional content of leafy plants. <i>BMC Plant Biology</i> , 2015, 15, 92.	1.6	42
133	Endogenous circadian regulation of pro-inflammatory cytokines and chemokines in the presence of bacterial lipopolysaccharide in humans. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 4-13.	2.0	64
134	LNK1 and LNK2 recruitment to the evening element require morning expressed circadian related MYB-like transcription factors. <i>Plant Signaling and Behavior</i> , 2015, 10, e1010888.	1.2	17
135	Time to Network: The Molecular Blueprint of the Circadian Timing System in Plants. , 2015, , 257-276.		2
136	Genome-wide identification of CCA1 targets uncovers an expanded clock network in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4802-10.	3.3	230
137	A conserved core of PCD indicator genes discriminates developmentally and environmentally induced programmed cell death in plants. <i>Plant Physiology</i> , 2015, 169, pp.00769.2015.	2.3	141
138	Profile of Xinnian Dong. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11144-11145.	3.3	0
139	Integrating circadian dynamics with physiological processes in plants. <i>Nature Reviews Genetics</i> , 2015, 16, 598-610.	7.7	402
140	Plant innate immunity â€“ sunny side up?. <i>Trends in Plant Science</i> , 2015, 20, 3-11.	4.3	193
141	The circadian clock and defence signalling in plants. <i>Molecular Plant Pathology</i> , 2015, 16, 210-218.	2.0	36
142	A New Insight of Salt Stress Signaling in Plant. <i>Molecules and Cells</i> , 2016, 39, 447-459.	1.0	230
143	Complex Environments Interact With Plant Development to Shape Glucosinolate Profiles. <i>Advances in Botanical Research</i> , 2016, 80, 15-30.	0.5	15
144	Temporal Shift of Circadian-Mediated Gene Expression and Carbon Fixation Contributes to Biomass Heterosis in Maize Hybrids. <i>PLoS Genetics</i> , 2016, 12, e1006197.	1.5	100
145	The Metronome of Symbiosis: Interactions Between Microbes and the Host Circadian Clock. <i>Integrative and Comparative Biology</i> , 2016, 56, 776-783.	0.9	12
146	Shifting <i>Nicotiana attenuata</i> 's diurnal rhythm does not alter its resistance to the specialist herbivore <i>Manduca sexta</i> . <i>Journal of Integrative Plant Biology</i> , 2016, 58, 656-668.	4.1	13
147	MYB96 shapes the circadian gating of ABA signaling in <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2016, 6, 17754.	1.6	47
148	Day-night dependence of gene expression and inflammatory responses in the remodeling murine heart post-myocardial infarction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1243-R1254.	0.9	35

#	ARTICLE	IF	CITATIONS
149	Diurnal and circadian regulation of salt tolerance in Arabidopsis. <i>Journal of Plant Biology</i> , 2016, 59, 569-578.	0.9	18
150	Circadian clocks and the regulation of virulence in fungi: Getting up to speed. <i>Seminars in Cell and Developmental Biology</i> , 2016, 57, 147-155.	2.3	42
151	Silencing <i>Nicotiana attenuata</i> <i>LHY</i> and <i>ZTL</i> alters circadian rhythms in flowers. <i>New Phytologist</i> , 2016, 209, 1058-1066.	3.5	71
152	Circadian regulation of hormone signaling and plant physiology. <i>Plant Molecular Biology</i> , 2016, 91, 691-702.	2.0	70
153	Into the Evening: Complex Interactions in the Arabidopsis Circadian Clock. <i>Trends in Genetics</i> , 2016, 32, 674-686.	2.9	140
154	Molecular Interactions Between Flowering Time and Abiotic Stress Pathways. <i>International Review of Cell and Molecular Biology</i> , 2016, 327, 371-412.	1.6	24
155	The Plant Circadian Clock: From a Simple Timekeeper to a Complex Developmental Manager. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a027748.	2.3	154
156	Temporal Dynamics of Plant Volatiles: Mechanistic Bases and Functional Consequences. <i>Signaling and Communication in Plants</i> , 2016, , 3-34.	0.5	6
157	Pathogen Infection and MORC Proteins Affect Chromatin Accessibility of Transposable Elements and Expression of Their Proximal Genes in Arabidopsis. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 674-687.	1.4	11
158	LATE ELONGATED HYPOCOTYL regulates photoperiodic flowering via the circadian clock in Arabidopsis. <i>BMC Plant Biology</i> , 2016, 16, 114.	1.6	55
159	Dual functions of the ZmCCT-associated quantitative trait locus in flowering and stress responses under long-day conditions. <i>BMC Plant Biology</i> , 2016, 16, 239.	1.6	20
160	The Layers of Plant Responses to Insect Herbivores. <i>Annual Review of Entomology</i> , 2016, 61, 373-394.	5.7	287
161	Stress as a Normal Cue in the Symbiotic Environment. <i>Trends in Microbiology</i> , 2016, 24, 414-424.	3.5	36
162	Foliar application of microdoses of sucrose to reduce codling moth <i>Cydia pomonella</i> L. (Lepidoptera: Tortricidae) damage to apple trees. <i>Pest Management Science</i> , 2016, 72, 1901-1909.	1.7	11
163	False idolatry of the mythical growth versus immunity tradeoff in molecular systems plant pathology. <i>Physiological and Molecular Plant Pathology</i> , 2016, 95, 55-59.	1.3	63
164	Mapping Transcriptional Networks in Plants: Data-Driven Discovery of Novel Biological Mechanisms. <i>Annual Review of Plant Biology</i> , 2016, 67, 575-594.	8.6	45
165	Melatonin-induced CBF/DREB1s are essential for diurnal change of disease resistance and CCA1 expression in Arabidopsis. <i>Plant Physiology and Biochemistry</i> , 2016, 100, 150-155.	2.8	54
166	Direct Repression of Evening Genes by CIRCADIAN CLOCK-ASSOCIATED1 in the Arabidopsis Circadian Clock. <i>Plant Cell</i> , 2016, 28, 696-711.	3.1	227

#	ARTICLE	IF	CITATIONS
167	Proteomic patterns associated with heterosis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 908-915.	1.1	32
168	Identification of Evening Complex Associated Proteins in Arabidopsis by Affinity Purification and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 201-217.	2.5	170
169	Isolation and molecular characterization of pathogenesis related PR2 gene and its promoter from <i>Brassica juncea</i> . <i>Biologia Plantarum</i> , 2017, 61, 763-773.	1.9	20
170	Assessment of Cytokinin-Induced Immunity Through Quantification of <i>Hyaloperonospora arabidopsidis</i> Infection in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2017, 1569, 113-126.	0.4	0
171	Auxins and Cytokinins in Plant Biology. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	15
172	Circadian clock component, LHY, tells a plant when to respond photosynthetically to light in nature. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 572-587.	4.1	21
173	Analysis of a non-nodulating <i>Arachis hypogaea</i> L. Whole-Root Proteome Identifies Changes Associated with Host-Rhizobia Interaction. <i>Tropical Plant Biology</i> , 2017, 10, 110-125.	1.0	0
174	How does a plant orchestrate defense in time and space? Using glucosinolates in <i>Arabidopsis</i> as case study. <i>Current Opinion in Plant Biology</i> , 2017, 38, 142-147.	3.5	109
175	Tick Tock: Circadian Regulation of Plant Innate Immunity. <i>Annual Review of Phytopathology</i> , 2017, 55, 287-311.	3.5	76
176	The asparagine-rich protein NRP interacts with the <i>Verticillium</i> effector PevD1 and regulates the subcellular localization of cryptochrome 2. <i>Journal of Experimental Botany</i> , 2017, 68, 3427-3440.	2.4	33
177	Modellierung und Simulation von Protein-Interaktionen am Beispiel von Wirts-Pathogen-Interaktionen. , 2017, , .		0
178	Fitness consequences of altering floral circadian oscillations for <i>Nicotiana attenuata</i> . <i>Journal of Integrative Plant Biology</i> , 2017, 59, 180-189.	4.1	29
179	<i>CIRCADIAN CLOCK ASSOCIATED1</i> (<i>CCA1</i>) and the Circadian Control of Stomatal Aperture. <i>Plant Physiology</i> , 2017, 175, 1864-1877.	2.3	51
180	Diurnal Cycling Transcription Factors of Pineapple Revealed by Genome-Wide Annotation and Global Transcriptomic Analysis. <i>Genome Biology and Evolution</i> , 2017, 9, 2170-2190.	1.1	43
181	Salicylic acid-mediated plant defense: Recent developments, missing links, and future outlook. <i>Frontiers in Biology</i> , 2017, 12, 258-270.	0.7	39
182	Shining a light on the <i>Arabidopsis</i> circadian clock. <i>Plant, Cell and Environment</i> , 2017, 40, 2571-2585.	2.8	116
183	Preference of <i>Arabidopsis thaliana</i> GH3.5 acyl amido synthetase for growth versus defense hormone acyl substrates is dictated by concentration of amino acid substrate aspartate. <i>Phytochemistry</i> , 2017, 143, 19-28.	1.4	19
184	Plant circadian rhythm in stress signaling. <i>Indian Journal of Plant Physiology</i> , 2017, 22, 147-155.	0.8	12

#	ARTICLE	IF	CITATIONS
185	ePlant: Visualizing and Exploring Multiple Levels of Data for Hypothesis Generation in Plant Biology. <i>Plant Cell</i> , 2017, 29, 1806-1821.	3.1	316
186	Cross-species complementation reveals conserved functions for EARLY FLOWERING 3 between monocots and dicots. <i>Plant Direct</i> , 2017, 1, e00018.	0.8	21
187	Interplay Between Innate Immunity and the Plant Microbiota. <i>Annual Review of Phytopathology</i> , 2017, 55, 565-589.	3.5	410
188	Chitin receptor <i>CERK1</i> links salt stress and chitin-triggered innate immunity in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2017, 89, 984-995.	2.8	73
189	Network Analysis Reveals a Common Host-Pathogen Interaction Pattern in <i>Arabidopsis</i> Immune Responses. <i>Frontiers in Plant Science</i> , 2017, 8, 893.	1.7	24
190	DEWAX Transcription Factor Is Involved in Resistance to <i>Botrytis cinerea</i> in <i>Arabidopsis thaliana</i> and <i>Camelina sativa</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1210.	1.7	37
191	MORC Proteins: Novel Players in Plant and Animal Health. <i>Frontiers in Plant Science</i> , 2017, 8, 1720.	1.7	48
192	The Role of Specialized Photoreceptors in the Protection of Energy-Rich Tissues. <i>Agronomy</i> , 2017, 7, 23.1.3		7
193	Leaf age and time of inoculation contribute to nonhost resistance to <i>Pyricularia oryzae</i> in <i>Arabidopsis thaliana</i> . <i>Plant Biotechnology</i> , 2017, 34, 207-210.	0.5	8
194	Daily rhythms and enrichment patterns in the transcriptome of the behavior-manipulating parasite <i>Ophiocordyceps kimflamingiae</i> . <i>PLoS ONE</i> , 2017, 12, e0187170.	1.1	24
195	The highly buffered <i>Arabidopsis</i> immune signaling network conceals the functions of its components. <i>PLoS Genetics</i> , 2017, 13, e1006639.	1.5	138
196	Co-expression network analysis and cis-regulatory element enrichment determine putative functions and regulatory mechanisms of grapevine ATL E3 ubiquitin ligases. <i>Scientific Reports</i> , 2018, 8, 3151.	1.6	6
197	Redox and the circadian clock in plant immunity: A balancing act. <i>Free Radical Biology and Medicine</i> , 2018, 119, 56-61.	1.3	60
198	Temperature and light effects on in vitro germination of <i>Peronospora effusa</i> sporangia. <i>Tropical Plant Pathology</i> , 2018, 43, 572-576.	0.8	7
199	The role of the circadian clock system in physiology. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 227-239.	1.3	117
200	Dissection of MAPK signaling specificity through protein engineering in a developmental context. <i>BMC Plant Biology</i> , 2018, 18, 60.	1.6	10
201	ZEITLUPE in the Roots of Wild Tobacco Regulates Jasmonate-Mediated Nicotine Biosynthesis and Resistance to a Generalist Herbivore. <i>Plant Physiology</i> , 2018, 177, 833-846.	2.3	28
202	Circadian genes <i>period1b</i> and <i>period2</i> differentially regulate inflammatory responses in zebrafish. <i>Fish and Shellfish Immunology</i> , 2018, 77, 139-146.	1.6	30

#	ARTICLE	IF	CITATIONS
203	The fructan syndrome: Evolutionary aspects and common themes among plants and microbes. <i>Plant, Cell and Environment</i> , 2018, 41, 16-38.	2.8	84
204	The Brassicaceae Family Displays Divergent, Shoot-Skewed NLR Resistance Gene Expression. <i>Plant Physiology</i> , 2018, 176, 1598-1609.	2.3	36
205	Effect of initial darkness duration on the pathogenicity of <i>Calonectria pseudonaviculata</i> on boxwood. <i>Plant Pathology</i> , 2018, 67, 735-740.	1.2	4
206	Transcript level expression control of plant NLR genes. <i>Molecular Plant Pathology</i> , 2018, 19, 1267-1281.	2.0	82
207	Phototransduction and circadian entrainment are the key pathways in the signaling mechanism for the baculovirus induced tree-top disease in the lepidopteran larvae. <i>Scientific Reports</i> , 2018, 8, 17528.	1.6	17
208	A downy mildew effector evades recognition by polymorphism of expression and subcellular localization. <i>Nature Communications</i> , 2018, 9, 5192.	5.8	40
209	The Clock Keeps on Ticking: Emerging Roles for Circadian Regulation in the Control of Fungal Physiology and Pathogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2018, 422, 121-156.	0.7	12
210	DET1 and COP1 Modulate the Coordination of Growth and Immunity in Response to Key Seasonal Signals in <i>Arabidopsis</i> . <i>Cell Reports</i> , 2018, 25, 29-37.e3.	2.9	22
211	Review: Functional linkages between amino acid transporters and plant responses to pathogens. <i>Plant Science</i> , 2018, 277, 79-88.	1.7	31
212	Daily humidity oscillation regulates the circadian clock to influence plant physiology. <i>Nature Communications</i> , 2018, 9, 4290.	5.8	38
213	Soil mixture composition alters <i>Arabidopsis</i> susceptibility to <i>Pseudomonas syringae</i> infection. <i>Plant Direct</i> , 2018, 2, e00044.	0.8	9
214	Plant circadian networks and responses to the environment. <i>Functional Plant Biology</i> , 2018, 45, 393.	1.1	2
215	Brassica glucosinolate rhythmicity in response to light-dark entrainment cycles is cultivar-dependent. <i>Plant Science</i> , 2018, 275, 28-35.	1.7	10
216	CIRCADIAN CLOCK-ASSOCIATED 1 Inhibits Leaf Senescence in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 280.	1.7	40
217	Cross Regulatory Network Between Circadian Clock and Leaf Senescence Is Emerging in Higher Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 700.	1.7	8
218	Comparative Digital Gene Expression Analysis of Tissue-Cultured Plantlets of Highly Resistant and Susceptible Banana Cultivars in Response to <i>Fusarium oxysporum</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 350.	1.8	24
219	Regulation and Evolution of NLR Genes: A Close Interconnection for Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1662.	1.8	68
220	Isolation, cloning and expression of CCA1 gene in transgenic progeny plants of Japonica rice exhibiting altered morphological traits. <i>PLoS ONE</i> , 2019, 14, e0220140.	1.1	9

#	ARTICLE	IF	CITATIONS
221	Plant-Microbe Interactions Facing Environmental Challenge. <i>Cell Host and Microbe</i> , 2019, 26, 183-192.	5.1	206
222	A set of <i>Arabidopsis</i> genes involved in the accommodation of the downy mildew pathogen <i>Hyaloperonospora arabidopsidis</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007747.	2.1	37
223	Metabolic Basis of Pathogenesis and Host Adaptation in Rice Blast. <i>Annual Review of Microbiology</i> , 2019, 73, 601-619.	2.9	17
224	The plant hypersensitive response: concepts, control and consequences. <i>Molecular Plant Pathology</i> , 2019, 20, 1163-1178.	2.0	369
225	Identification of TIMING OF CAB EXPRESSION 1 as a temperature-sensitive negative regulator of tuberization in potato. <i>Journal of Experimental Botany</i> , 2019, 70, 5703-5714.	2.4	21
226	Circadian Network Interactions with Jasmonate Signaling and Defense. <i>Plants</i> , 2019, 8, 252.	1.6	14
228	Novel Crosstalks between Circadian Clock and Jasmonic Acid Pathway Finely Coordinate the Tradeoff among Plant Growth, Senescence and Defense. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5254.	1.8	14
229	The Levels of Sulfur-containing Metabolites in <i>Brassica napus</i> are Not Influenced by the Circadian Clock but Diurnally. <i>Journal of Plant Biology</i> , 2019, 62, 359-373.	0.9	6
230	Fungal Physiology and Immunopathogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2019, , .	0.7	4
231	Analysis of Small RNAs from <i>Solanum torvum</i> Swartz by Deep Sequencing. <i>Tropical Plant Biology</i> , 2019, 12, 44-54.	1.0	1
232	Fluctuating Light Interacts with Time of Day and Leaf Development Stage to Reprogram Gene Expression. <i>Plant Physiology</i> , 2019, 179, 1632-1657.	2.3	53
233	Circadian Rhythms in Plants. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a034611.	2.3	119
234	Novel transcriptional responses to heat revealed by turning up the heat at night. <i>Plant Molecular Biology</i> , 2019, 101, 1-19.	2.0	36
235	Interactive roles of chromatin regulation and circadian clock function in plants. <i>Genome Biology</i> , 2019, 20, 62.	3.8	26
236	The evolutionary ecology of circadian rhythms in infection. <i>Nature Ecology and Evolution</i> , 2019, 3, 552-560.	3.4	63
237	NPR1 and Redox Rhythmx: Connections, between Circadian Clock and Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1211.	1.8	15
238	An EDS1 heterodimer signalling surface enforces timely reprogramming of immunity genes in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2019, 10, 772.	5.8	103
239	Role of circadian rhythm in plant system: An update from development to stress response. <i>Environmental and Experimental Botany</i> , 2019, 162, 256-271.	2.0	61

#	ARTICLE	IF	CITATIONS
240	CIRCADIAN CLOCK-ASSOCIATED1 Controls Resistance to Aphids by Altering Indole Glucosinolate Production. <i>Plant Physiology</i> , 2019, 181, 1344-1359.	2.3	34
241	Comprehensive mapping of abiotic stress inputs into the soybean circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23840-23849.	3.3	49
242	Genome-wide annotation and expression responses to biotic stresses of the WALL-ASSOCIATED KINASE - RECEPTOR-LIKE KINASE (WAK-RLK) gene family in Apple (<i>Malus domestica</i>). <i>European Journal of Plant Pathology</i> , 2019, 153, 771-785.	0.8	20
243	The LNK Gene Family: At the Crossroad between Light Signaling and the Circadian Clock. <i>Genes</i> , 2019, 10, 2.	1.0	21
244	Transcriptome-based mining and expression profiling of <i>Pythium</i> responsive transcription factors in <i>Zingiber</i> sp.. <i>Functional and Integrative Genomics</i> , 2019, 19, 249-264.	1.4	9
245	<sc>TIR</sc>â€œ<sc>NB</sc>â€œ<sc>LRR</sc> immune receptor <sc>SOC</sc>3 pairs with truncated <sc>TIR</sc>â€œ<sc>NB</sc> protein <sc>CHS</sc>1 or <sc>TN</sc>2 to monitor the homeostasis of E3 ligase <sc>SAUL</sc>1. <i>New Phytologist</i> , 2019, 221, 2054-2066.	3.5	43
246	On the move through time â€œ a historical review of plant clock research. <i>Plant Biology</i> , 2019, 21, 13-20.	1.8	13
247	Plant immunity in signal integration between biotic and abiotic stress responses. <i>New Phytologist</i> , 2020, 225, 87-104.	3.5	267
248	CCA1 and LHY contribute to nonhost resistance to <i>Pyricularia oryzae</i> (syn. <i>Magnaporthe) Tj ETQq0 0 0 regBT /Overlock 10 Tf 5	0.6	10
249	Seasonality of interactions between a plant virus and its host during persistent infection in a natural environment. <i>ISME Journal</i> , 2020, 14, 506-518.	4.4	45
250	Lightâ€•and temperatureâ€•entrainable circadian clock in soybean development. <i>Plant, Cell and Environment</i> , 2020, 43, 637-648.	2.8	52
251	Attenuated TOR signaling lengthens circadian period in <i>Arabidopsis</i>. <i>Plant Signaling and Behavior</i> , 2020, 15, 1710935.	1.2	14
252	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
253	No Evidence That Homologs of Key Circadian Clock Genes Direct Circadian Programs of Development or mRNA Abundance in <i>Verticillium dahliae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1977.	1.5	6
254	Plant Immune Mechanisms: From Reductionistic to Holistic Points of View. <i>Molecular Plant</i> , 2020, 13, 1358-1378.	3.9	82
255	Quantitative Hormone Signaling Output Analyses of <i>Arabidopsis thaliana</i> Interactions With Virulent and Avirulent <i>Hyaloperonospora arabidopsidis</i> Isolates at Single-Cell Resolution. <i>Frontiers in Plant Science</i> , 2020, 11, 603693.	1.7	6
256	Timing of light quality affects susceptibility to <i>Botrytis cinerea</i> in strawberry leaves. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 211, 111988.	1.7	4
257	Feeling the heat: developmental and molecular responses of wheat and barley to high ambient temperatures. <i>Journal of Experimental Botany</i> , 2020, 71, 5740-5751.	2.4	42

#	ARTICLE	IF	CITATIONS
258	OXR2 Increases Plant Defense against a Hemibiotrophic Pathogen via the Salicylic Acid Pathway. <i>Plant Physiology</i> , 2020, 184, 1112-1127.	2.3	18
259	Coronatine is more potent than jasmonates in regulating <i>Arabidopsis</i> circadian clock. <i>Scientific Reports</i> , 2020, 10, 12862.	1.6	2
260	The IBI1 Receptor of Î²-Aminobutyric Acid Interacts with VOZ Transcription Factors to Regulate Abscisic Acid Signaling and Callose-Associated Defense. <i>Molecular Plant</i> , 2020, 13, 1455-1469.	3.9	35
261	The Diurnal Rhythm of <i>Brassica napus</i> L. Influences Contents of Sulfur-Containing Defense Compounds and Occurrence of Vascular Occlusions during an Infection with <i>Verticillium longisporum</i> . <i>Agronomy</i> , 2020, 10, 1227.	1.3	4
262	Bmal1 Regulates Coagulation Factor Biosynthesis in Mouse Liver in <i>Streptococcus oralis</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 530190.	1.8	4
263	Itâ€™s a matter of time: the role of transcriptional regulation in the circadian clock-pathogen crosstalk in plants. <i>Transcription</i> , 2020, 11, 100-116.	1.7	10
265	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
266	Plant Defence Mechanisms Are Modulated by the Circadian System. <i>Biology</i> , 2020, 9, 454.	1.3	11
267	The Transcriptional Network in the <i>Arabidopsis</i> Circadian Clock System. <i>Genes</i> , 2020, 11, 1284.	1.0	42
268	Effect of light and dark on the growth and development of downy mildew pathogen <i>Hyaloperonospora arabidopsidis</i> . <i>Plant Pathology</i> , 2020, 69, 1291-1300.	1.2	6
269	Comparative transcriptome analysis between a resistant and a susceptible Chinese cabbage in response to <i>Hyaloperonospora brassicae</i> . <i>Plant Signaling and Behavior</i> , 2020, 15, 1777373.	1.2	7
270	High-Throughput Identification of Resistance to <i>Pseudomonas syringae</i> pv. <i>Tomato</i> in Tomato using Seedling Flood Assay. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	0
271	Intact salicylic acid signalling is required for potato defence against the necrotrophic fungus <i>Alternaria solani</i> . <i>Plant Molecular Biology</i> , 2020, 104, 1-19.	2.0	32
272	Identification of novel genetic factors underlying the host-pathogen interaction between barley (<i>Hordeum vulgare</i> L.) and powdery mildew (<i>Blumeria graminis</i> f. sp. <i>hordei</i>). <i>PLoS ONE</i> , 2020, 15, e0235565.	1.1	6
273	Receptor kinase FERONIA regulates flowering time in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2020, 20, 26.	1.6	26
274	Plant Genetic Networks Shaping Phyllosphere Microbial Community. <i>Trends in Genetics</i> , 2021, 37, 306-316.	2.9	29
275	Assessing Global Circadian Rhythm Through Single-Time-Point Transcriptomic Analysis. <i>Methods in Molecular Biology</i> , 2021, 2328, 215-225.	0.4	1
276	Diurnal, , and Photomorphogenic Analyses in <i>Magnaporthe oryzae</i> . <i>Methods in Molecular Biology</i> , 2021, 2356, 161-172.	0.4	0

#	ARTICLE	IF	CITATIONS
279	Importance of Daily Rhythms on Brassicaceae Phytochemicals. <i>Agronomy</i> , 2021, 11, 639.	1.3	6
280	<i>SDC</i> mediates DNA methylation-controlled clock pace by interacting with ZTL in <i>Arabidopsis</i> . <i>Nucleic Acids Research</i> , 2021, 49, 3764-3780.	6.5	11
281	LATE ELONGATED HYPOCOTYL potentiates resistance conferred by CIRCADIAN CLOCK ASSOCIATED1 to aphid by co-regulating the expression of indole glucosinolate biosynthetic genes. <i>Plant Signaling and Behavior</i> , 2021, 16, 1908708.	1.2	4
282	Layers of crosstalk between circadian regulation and environmental signalling in plants. <i>Current Biology</i> , 2021, 31, R399-R413.	1.8	19
283	An early-morning gene network controlled by phytochromes and cryptochromes regulates photomorphogenesis pathways in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2021, 14, 983-996.	3.9	14
285	Endophytic <i>Bacillus subtilis</i> TR21 Improves Banana Plant Resistance to <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> and Promotes Root Growth by Upregulating the Jasmonate and Brassinosteroid Biosynthesis Pathways. <i>Phytopathology</i> , 2022, 112, 219-231.	1.1	14
286	Interpreting machine learning models to investigate circadian regulation and facilitate exploration of clock function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
287	Light dominates the diurnal emissions of herbivore-induced volatiles in wild tobacco. <i>BMC Plant Biology</i> , 2021, 21, 401.	1.6	15
288	Circadian clock genes as promising therapeutic targets for autoimmune diseases. <i>Autoimmunity Reviews</i> , 2021, 20, 102866.	2.5	27
290	Ca ²⁺ sensor-mediated ROS scavenging suppresses rice immunity and is exploited by a fungal effector. <i>Cell</i> , 2021, 184, 5391-5404.e17.	13.5	117
291	High-Throughput Targeted Transcriptional Profiling of Defense Genes Using RNA-Mediated Oligonucleotide Annealing, Selection, and Ligation with Next-Generation Sequencing in <i>Arabidopsis</i> . <i>Methods in Molecular Biology</i> , 2021, 2328, 227-252.	0.4	0
293	Protective plant immune responses are elicited by bacterial outer membrane vesicles. <i>Cell Reports</i> , 2021, 34, 108645.	2.9	39
295	Circadian Life Without Micronutrients: Effects of Altered Micronutrient Supply on Clock Function in <i>Arabidopsis</i> . <i>Methods in Molecular Biology</i> , 2014, 1158, 227-238.	0.4	5
296	A Growth Quantification Assay for <i>Hyaloperonospora arabidopsidis</i> Isolates in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2014, 1127, 145-158.	0.4	11
297	Genome-wide annotation and expression responses to biotic stresses of the WALL-ASSOCIATED KINASE - RECEPTOR-LIKE KINASE (WAK-RLK) gene family in Apple (<i>Malus domestica</i>)., 2019, 153, 771.		1
302	<i>Arabidopsis</i> AtMORC4 and AtMORC7 Form Nuclear Bodies and Repress a Large Number of Protein-Coding Genes. <i>PLoS Genetics</i> , 2016, 12, e1005998.	1.5	42
303	Tissue Specific Diurnal Rhythms of Metabolites and Their Regulation during Herbivore Attack in a Native Tobacco, <i>Nicotiana attenuata</i> . <i>PLoS ONE</i> , 2011, 6, e26214.	1.1	105
304	Defence Responses of <i>Arabidopsis thaliana</i> to Infection by <i>Pseudomonas syringae</i> Are Regulated by the Circadian Clock. <i>PLoS ONE</i> , 2011, 6, e26968.	1.1	145

#	ARTICLE	IF	CITATIONS
305	Root-knot nematodes demonstrate temporal variation in host penetration. <i>Journal of Nematology</i> , 2020, 52, 1-8.	0.4	4
306	Traveling Waves of Circadian Gene Expression in Lettuce. <i>Environmental Control in Biology</i> , 2012, 50, 237-246.	0.3	17
307	Differential expression of defense-related genes in <i>Sinapis alba</i> and <i>Brassica juncea</i> upon the infection of <i>Alternaria brassicae</i> . <i>Tropical Agricultural Research</i> , 2016, 27, 123.	0.1	15
308	OUP accepted manuscript. <i>Plant Physiology</i> , 2022, 188, 14-15.	2.3	3
309	Evaluating the Effects of the Circadian Clock and Time of Day on Plant Gravitropic Responses. <i>Methods in Molecular Biology</i> , 2022, 2368, 301-319.	0.4	1
310	Agrobacterium-Mediated Seedling Transformation to Measure Circadian Rhythms in Arabidopsis. <i>Methods in Molecular Biology</i> , 2022, 2398, 57-64.	0.4	2
311	Susceptibility rhythm to bacterial endotoxin in myeloid clock-knockout mice. <i>ELife</i> , 2021, 10, .	2.8	16
312	ZmCCT regulates photoperiod-dependent flowering and response to stresses in maize. <i>BMC Plant Biology</i> , 2021, 21, 453.	1.6	19
313	Measurement of Luciferase Rhythms in Soybean Hairy Roots. <i>Methods in Molecular Biology</i> , 2022, 2398, 65-73.	0.4	1
314	Evolution Has Forced the Plants to Follow a Timetable. <i>Pakistan Journal of Biological Sciences</i> , 2011, 14, 558-559.	0.2	0
315	A Luciferase-Based Assay to Test Whether Gene Expression Responses to Environmental Inputs Are Temporally Restricted by the Circadian Clock. <i>Methods in Molecular Biology</i> , 2016, 1398, 93-106.	0.4	0
326	Circadian dynamics of the teleost skin immune-microbiome interface. <i>Microbiome</i> , 2021, 9, 222.	4.9	20
327	Circadian Redox Rhythm in Plant-Fungal Pathogen Interactions. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 726-738.	2.5	3
328	Dynamic physiological and transcriptome changes reveal a potential relationship between the circadian clock and salt stress response in <i>Ulmus pumila</i> . <i>Molecular Genetics and Genomics</i> , 2022, 297, 303-317.	1.0	5
329	Circadian clock in plants: Linking timing to fitness. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 792-811.	4.1	26
330	Plant Responses Underlying Timely Specialized Metabolites Induction of Brassica Crops. <i>Frontiers in Plant Science</i> , 2021, 12, 807710.	1.7	7
331	Mechanosensory trichome cells evoke a mechanical stimuli-induced immune response in <i>Arabidopsis thaliana</i> . <i>Nature Communications</i> , 2022, 13, 1216.	5.8	43
333	Temporally Regulated Plant-Nematode Gene Networks Implicate Metabolic Pathways. <i>Molecular Plant-Microbe Interactions</i> , 2022, , .	1.4	0

#	ARTICLE	IF	CITATIONS
334	The circadian clock ticks in plant stress responses. <i>Stress Biology</i> , 2022, 2, 1.	1.5	20
335	Integration of rhythmic metabolome and transcriptome provides insights into the transmission of rhythmic fluctuations and temporal diversity of metabolism in rice. <i>Science China Life Sciences</i> , 2022, 65, 1794-1810.	2.3	10
336	Multiple metals influence distinct properties of the Arabidopsis circadian clock. <i>PLoS ONE</i> , 2022, 17, e0258374.	1.1	2
337	Regulation of Plant Immunity by Nuclear Membrane-Associated Mechanisms. <i>Frontiers in Immunology</i> , 2021, 12, 771065.	2.2	5
338	A split green fluorescent protein system to enhance spatial and temporal sensitivity of translating ribosome affinity purification. <i>Plant Journal</i> , 2022, 111, 304-315.	2.8	2
356	Plant Hormones: Role in Alleviating Biotic Stress. , 0, , .		5
357	Rice CIRCADIAN CLOCK ASSOCIATED 1 transcriptionally regulates ABA signaling to confer multiple abiotic stress tolerance. <i>Plant Physiology</i> , 2022, 190, 1057-1073.	2.3	26
358	Exogenous melatonin improves the resistance to cucumber bacterial angular leaf spot caused by <i>Pseudomonas syringae</i> pv. <i>Lachrymans</i> . <i>Physiologia Plantarum</i> , 2022, 174, .	2.6	5
359	The central circadian regulator CCA1 functions in Glycine max during defense to a root pathogen, regulating the expression of genes acting in effector triggered immunity (ETI) and cell wall metabolism. <i>Plant Physiology and Biochemistry</i> , 2022, 185, 198-220.	2.8	0
360	Core circadian clock and light signaling genes brought into genetic linkage across the green lineage. <i>Plant Physiology</i> , 2022, 190, 1037-1056.	2.3	5
361	Environment-mediated mutagenetic interference on genetic stabilization and circadian rhythm in plants. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	2
362	The Central Circadian Clock Protein TaCCA1 Regulates Seedling Growth and Spike Development in Wheat (<i>Triticum aestivum</i> L.). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
364	Epidermal CCA1 and PMR5 contribute to nonhost resistance in Arabidopsis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2022, 86, 1623-1630.	0.6	1
365	<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
366	Genome-Wide Identification and Expression Analysis of Wall-Associated Kinase (WAK) Gene Family in <i>Cannabis sativa</i> L.. <i>Plants</i> , 2022, 11, 2703.	1.6	4
367	Circadian rhythms in the plant host influence rhythmicity of rhizosphere microbiota. <i>BMC Biology</i> , 2022, 20, .	1.7	15
368	Characterization of Orange Peel Extract and Its Potential Protective Effect against Aluminum Chloride-Induced Alzheimer's Disease. <i>Pharmaceuticals</i> , 2023, 16, 12.	1.7	4
369	A rust fungus Nudix hydrolase effector decaps <i>scp</i> mRNA and interferes with plant immune pathways. <i>New Phytologist</i> , 2023, 239, 222-239.	3.5	5

#	ARTICLE	IF	CITATIONS
370	Circadian-mediated regulation of cardiometabolic disorders and aging with time-restricted feeding. <i>Obesity</i> , 2023, 31, 40-49.	1.5	4
371	Circadian clock-dependent and -independent response of <i>Phaseolus vulgaris</i> to <i>Pseudomonas syringae</i> . <i>Physiological and Molecular Plant Pathology</i> , 2023, 124, 101944.	1.3	0
372	Limited water stress modulates expression of circadian clock genes in <i>Brachypodium distachyon</i> roots. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
375	Light prevents pathogen-induced aqueous microenvironments via potentiation of salicylic acid signaling. <i>Nature Communications</i> , 2023, 14, .	5.8	9
376	PIF8-mediated salicylic acid synthesis modulates red light induced powdery mildew resistance in oriental melon. <i>Plant, Cell and Environment</i> , 2023, 46, 1726-1742.	2.8	6
377	Photoperiod Genes Contribute to Daylength-Sensing and Breeding in Rice. <i>Plants</i> , 2023, 12, 899.	1.6	1
378	Global translational induction during NLR-mediated immunity in plants is dynamically regulated by CDC123, an ATP-sensitive protein. <i>Cell Host and Microbe</i> , 2023, 31, 334-342.e5.	5.1	11
392	Pollution, Light. , 2024, , 369-379.		0
396	Overview of Microbial Associations and Their Role Under Aquatic Ecosystems. , 2023, , 77-115.		0