

Xing Wang Deng

List of Publications by Year in descending order

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127
papers

13,847
citations

20817

60
h-index

22166

113
g-index

217
all docs

217
docs citations

217
times ranked

10189
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted destabilization of HY5 during light-regulated development of Arabidopsis. <i>Nature</i> , 2000, 405, 462-466.	27.8	1,227
2	Light-regulated transcriptional networks in higher plants. <i>Nature Reviews Genetics</i> , 2007, 8, 217-230.	16.3	892
3	Analysis of Transcription Factor HY5 Genomic Binding Sites Revealed Its Hierarchical Role in Light Regulation of Development. <i>Plant Cell</i> , 2007, 19, 731-749.	6.6	829
4	The photomorphogenic repressors COP1 and DET1: 20 years later. <i>Trends in Plant Science</i> , 2012, 17, 584-593.	8.8	530
5	Light Control of Arabidopsis Development Entails Coordinated Regulation of Genome Expression and Cellular Pathways. <i>Plant Cell</i> , 2001, 13, 2589-2607.	6.6	498
6	Direct Interaction of Arabidopsis Cryptochromes with COP1 in Light Control Development. <i>Science</i> , 2001, 294, 154-158.	12.6	473
7	The COP1-SPA1 interaction defines a critical step in phytochrome A-mediated regulation of HY5 activity. <i>Genes and Development</i> , 2003, 17, 2642-2647.	5.9	403
8	<i>Arabidopsis</i> noncoding RNA mediates control of photomorphogenesis by red light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10359-10364.	7.1	317
9	COP1 from plant photomorphogenesis to mammalian tumorigenesis. <i>Trends in Cell Biology</i> , 2005, 15, 618-625.	7.9	302
10	Genome-Wide Analysis of DNA Methylation and Gene Expression Changes in Two <i>Arabidopsis</i> Ecotypes and Their Reciprocal Hybrids. <i>Plant Cell</i> , 2012, 24, 875-892.	6.6	297
11	A High-Density SNP Genotyping Array for Rice Biology and Molecular Breeding. <i>Molecular Plant</i> , 2014, 7, 541-553.	8.3	251
12	Coordinated transcriptional regulation underlying the circadian clock in Arabidopsis. <i>Nature Cell Biology</i> , 2011, 13, 616-622.	10.3	245
13	From seed to seed: the role of photoreceptors in Arabidopsis development. <i>Developmental Biology</i> , 2003, 260, 289-297.	2.0	214
14	BBX21, an <i>Arabidopsis</i> B-box protein, directly activates <i>HY5</i> and is targeted by COP1 for 26S proteasome-mediated degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7655-7660.	7.1	204
15	Biochemical Characterization of <i>Arabidopsis</i> Complexes Containing CONSTITUTIVELY PHOTOMORPHOGENIC1 and SUPPRESSOR OF PHYA Proteins in Light Control of Plant Development. <i>Plant Cell</i> , 2008, 20, 2307-2323.	6.6	202
16	Arabidopsis COP10 forms a complex with DDB1 and DET1 in vivo and enhances the activity of ubiquitin conjugating enzymes. <i>Genes and Development</i> , 2004, 18, 2172-2181.	5.9	186
17	Targeted Degradation of Abscisic Acid Receptors Is Mediated by the Ubiquitin Ligase Substrate Adaptor DDA1 in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 712-728.	6.6	186
18	<i>Arabidopsis</i> CULLIN4-Damaged DNA Binding Protein 1 Interacts with CONSTITUTIVELY PHOTOMORPHOGENIC1-SUPPRESSOR OF PHYA Complexes to Regulate Photomorphogenesis and Flowering Time. <i>Plant Cell</i> , 2010, 22, 108-123.	6.6	182

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19	The Epigenome and Plant Development. <i>Annual Review of Plant Biology</i> , 2011, 62, 411-435.	18.7	172
20	DELLA-mediated PIF degradation contributes to coordination of light and gibberellin signalling in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2016, 7, 11868.	12.8	172
21	<i>Arabidopsis</i> Transcription Factor ELONGATED HYPOCOTYL5 Plays a Role in the Feedback Regulation of Phytochrome A Signaling. <i>Plant Cell</i> , 2010, 22, 3634-3649.	6.6	165
22	MicroRNA408 Is Critical for the <i>HY5-SPL7</i> Gene Network That Mediates the Coordinated Response to Light and Copper. <i>Plant Cell</i> , 2015, 26, 4933-4953.	6.6	164
23	A high-quality genome assembly highlights rye genomic characteristics and agronomically important genes. <i>Nature Genetics</i> , 2021, 53, 574-584.	21.4	164
24	Conversion from CUL4-based COP1-SPA E3 apparatus to UVR8-COP1-SPA complexes underlies a distinct biochemical function of COP1 under UV-B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16669-16674.	7.1	163
25	Convergence of Light and ABA Signaling on the ABI5 Promoter. <i>PLoS Genetics</i> , 2014, 10, e1004197.	3.5	163
26	<i>Arabidopsis</i> FHY3 defines a key phytochrome A signaling component directly interacting with its homologous partner FAR1. <i>EMBO Journal</i> , 2002, 21, 1339-1349.	7.8	141
27	Beyond repression of photomorphogenesis: role switching of COP/DET/FUS in light signaling. <i>Current Opinion in Plant Biology</i> , 2014, 21, 96-103.	7.1	141
28	HFR1 Sequesters PIF1 to Govern the Transcriptional Network Underlying Light-Initiated Seed Germination in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 3770-3784.	6.6	128
29	<i>Arabidopsis</i> SAURs are critical for differential light regulation of the development of various organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6071-6076.	7.1	127
30	Rare earth elements activate endocytosis in plant cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12936-12941.	7.1	120
31	Seedlings Transduce the Depth and Mechanical Pressure of Covering Soil Using COP1 and Ethylene to Regulate EBF1/EBF2 for Soil Emergence. <i>Current Biology</i> , 2016, 26, 139-149.	3.9	120
32	Genome-Wide Binding Site Analysis of FAR-RED ELONGATED HYPOCOTYL3 Reveals Its Novel Function in <i>Arabidopsis</i> Development. <i>Plant Cell</i> , 2011, 23, 2514-2535.	6.6	118
33	Conservation and divergence of transcriptomic and epigenomic variation in maize hybrids. <i>Genome Biology</i> , 2013, 14, R57.	8.8	117
34	The Roles of Photoreceptor Systems and the COP1-Targeted Destabilization of HY5 in Light Control of <i>Arabidopsis</i> Seedling Development. <i>Plant Physiology</i> , 2000, 124, 1520-1524.	4.8	116
35	<i>Arabidopsis</i> DE-ETIOLATED1 Represses Photomorphogenesis by Positively Regulating Phytochrome-Interacting Factors in the Dark. <i>Plant Cell</i> , 2014, 26, 3630-3645.	6.6	116
36	Noncanonical role of <i>Arabidopsis</i> COP1/SPA complex in repressing BIN2-mediated PIF3 phosphorylation and degradation in darkness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3539-3544.	7.1	109

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37	B-BOX DOMAIN PROTEIN28 Negatively Regulates Photomorphogenesis by Repressing the Activity of Transcription Factor HY5 and Undergoes COP1-Mediated Degradation. <i>Plant Cell</i> , 2018, 30, 2006-2019.	6.6	105
38	Arabidopsis COP1/SPA1 Complex and FHY1/FHY3 Associate with Distinct Phosphorylated Forms of Phytochrome A in Balancing Light Signaling. <i>Molecular Cell</i> , 2008, 31, 607-613.	9.7	104
39	A Genome-Wide Transcription Analysis Reveals a Close Correlation of Promoter INDEL Polymorphism and Heterotic Gene Expression in Rice Hybrids. <i>Molecular Plant</i> , 2008, 1, 720-731.	8.3	101
40	Basic leucine zipper transcription factor OsbZIP16 positively regulates drought resistance in rice. <i>Plant Science</i> , 2012, 193-194, 8-17.	3.6	98
41	The PP6 Phosphatase Regulates ABI5 Phosphorylation and Abscisic Acid Signaling in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 517-534.	6.6	98
42	CUL4 forms an E3 ligase with COP1 and SPA to promote light-induced degradation of PIF1. <i>Nature Communications</i> , 2015, 6, 7245.	12.8	97
43	Light-Dependent Degradation of PIF3 by SCFEFB1/2 Promotes a Photomorphogenic Response in <i>Arabidopsis</i> . <i>Current Biology</i> , 2017, 27, 2420-2430.e6.	3.9	95
44	The Photomorphogenic Central Repressor COP1: Conservation and Functional Diversification during Evolution. <i>Plant Communications</i> , 2020, 1, 100044.	7.7	95
45	Ethylene Promotes Hypocotyl Growth and HY5 Degradation by Enhancing the Movement of COP1 to the Nucleus in the Light. <i>PLoS Genetics</i> , 2013, 9, e1004025.	3.5	93
46	Salicylic acid biosynthesis is enhanced and contributes to increased biotrophic pathogen resistance in <i>Arabidopsis</i> hybrids. <i>Nature Communications</i> , 2015, 6, 7309.	12.8	93
47	The Red Light Receptor Phytochrome B Directly Enhances Substrate-E3 Ligase Interactions to Attenuate Ethylene Responses. <i>Developmental Cell</i> , 2016, 39, 597-610.	7.0	91
48	Photoactivated UVR8-COP1 Module Determines Photomorphogenic UV-B Signaling Output in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2014, 10, e1004218.	3.5	88
49	Overexpression of the Heterotrimeric G-Protein $\hat{\iota}$ -Subunit Enhances Phytochrome-Mediated Inhibition of Hypocotyl Elongation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2001, 13, 1639-1652.	6.6	85
50	Origin and Evolution of Core Components Responsible for Monitoring Light Environment Changes during Plant Terrestrialization. <i>Molecular Plant</i> , 2019, 12, 847-862.	8.3	85
51	A PP6-Type Phosphatase Holoenzyme Directly Regulates PIN Phosphorylation and Auxin Efflux in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 2497-2514.	6.6	84
52	Poaceae-specific <i>MS1</i> encodes a phospholipid-binding protein for male fertility in bread wheat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12614-12619.	7.1	83
53	PHYTOCHROME INTERACTING FACTOR1 Enhances the E3 Ligase Activity of CONSTITUTIVE PHOTOMORPHOGENIC1 to Synergistically Repress Photomorphogenesis in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 1992-2006.	6.6	78
54	The B-Box Domain Protein BBX21 Promotes Photomorphogenesis. <i>Plant Physiology</i> , 2018, 176, 2365-2375.	4.8	78

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55	The Transcription Factors TCP4 and PIF3 Antagonistically Regulate Organ-Specific Light Induction of SAUR Genes to Modulate Cotyledon Opening during De-Etiolation in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 1155-1170.	6.6	74
56	Arabidopsis Phytochrome A Directly Targets Numerous Promoters for Individualized Modulation of Genes in a Wide Range of Pathways. <i>Plant Cell</i> , 2014, 26, 1949-1966.	6.6	73
57	Genomic architecture of biomass heterosis in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8101-8106.	7.1	73
58	Arabidopsis DET1 degrades HFR1 but stabilizes PIF1 to precisely regulate seed germination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3817-3822.	7.1	69
59	B-Box Containing Proteins BBX30 and BBX31, Acting Downstream of HY5, Negatively Regulate Photomorphogenesis in Arabidopsis. <i>Plant Physiology</i> , 2019, 180, 497-508.	4.8	69
60	Genome-wide regulation of light-controlled seedling morphogenesis by three families of transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6482-6487.	7.1	68
61	Salt Stress and Ethylene Antagonistically Regulate Nucleocytoplasmic Partitioning of COP1 to Control Seed Germination. <i>Plant Physiology</i> , 2016, 170, 2340-2350.	4.8	67
62	COP9 signalosome: Discovery, conservation, activity, and function. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 90-103.	8.5	66
63	Two E3 ligases antagonistically regulate the UV-B response in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4722-4731.	7.1	61
64	Modulation of BIN2 kinase activity by HY5 controls hypocotyl elongation in the light. <i>Nature Communications</i> , 2020, 11, 1592.	12.8	61
65	CRISPR/Cas9-mediated disruption of TaNP1 genes results in complete male sterility in bread wheat. <i>Journal of Genetics and Genomics</i> , 2020, 47, 263-272.	3.9	58
66	The COP9 Signalosome regulates seed germination by facilitating protein degradation of RGL2 and ABI5. <i>PLoS Genetics</i> , 2018, 14, e1007237.	3.5	55
67	Arabinogalactan protein-rare earth element complexes activate plant endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14349-14357.	7.1	52
68	HY5 regulates nitrite reductase 1 (NIR1) and ammonium transporter1;2 (AMT1;2) in Arabidopsis seedlings. <i>Plant Science</i> , 2015, 238, 330-339.	3.6	49
69	TANDEM ZINC-FINGER/PLUS3 Is a Key Component of Phytochrome A Signaling. <i>Plant Cell</i> , 2018, 30, 835-852.	6.6	49
70	Diurnal down-regulation of ethylene biosynthesis mediates biomass heterosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5606-5611.	7.1	49
71	Mammalian DET1 Regulates Cul4A Activity and Forms Stable Complexes with E2 Ubiquitin-Conjugating Enzymes. <i>Molecular and Cellular Biology</i> , 2007, 27, 4708-4719.	2.3	46
72	SAUR17 and SAUR50 Differentially Regulate PP2C-D1 during Apical Hook Development and Cotyledon Opening in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 3792-3811.	6.6	46

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73	BBX28/BBX29, HY5 and BBX30/31 form a feedback loop to fine-tune photomorphogenic development. <i>Plant Journal</i> , 2020, 104, 377-390.	5.7	46
74	Divergent selection and genetic introgression shape the genome landscape of heterosis in hybrid rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4623-4631.	7.1	46
75	Structural organization and interactions of COP1, a light-regulated developmental switch. , 1999, 41, 151-158.		43
76	The RING-Finger E3 Ubiquitin Ligase COP1 SUPPRESSOR1 Negatively Regulates COP1 Abundance in Maintaining COP1 Homeostasis in Dark-Grown <i>Arabidopsis</i> Seedlings. <i>Plant Cell</i> , 2014, 26, 1981-1991.	6.6	41
77	A Positive Feedback Loop of BBX11-BBX21-HY5 Promotes Photomorphogenic Development in <i>Arabidopsis</i> . <i>Plant Communications</i> , 2020, 1, 100045.	7.7	39
78	Pedigree-based analysis of derivation of genome segments of an elite rice reveals key regions during its breeding. <i>Plant Biotechnology Journal</i> , 2016, 14, 638-648.	8.3	38
79	Biological pathway expression complementation contributes to biomass heterosis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	38
80	The Asymmetric Expression of SAUR Genes Mediated by ARF7/19 Promotes the Gravitropism and Phototropism of Plant Hypocotyls. <i>Cell Reports</i> , 2020, 31, 107529.	6.4	35
81	BBX4, a phyB-interacting and modulated regulator, directly interacts with PIF3 to fine tune red light-mediated photomorphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26049-26056.	7.1	34
82	A new regulator of seed size control in <i>Arabidopsis</i> identified by a genome-wide association study. <i>New Phytologist</i> , 2019, 222, 895-906.	7.3	34
83	Development of the "Third-Generation" Hybrid Rice in China. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 393-396.	6.9	33
84	ASG2 is a farnesylated DWD protein that acts as ABA negative regulator in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 185-198.	5.7	32
85	Improved de novo genome assembly and analysis of the Chinese cucurbit <i>Siraitia grosvenorii</i> , also known as monk fruit or luo-han-guo. <i>GigaScience</i> , 2018, 7, .	6.4	32
86	COLD-REGULATED GENE27 Integrates Signals from Light and the Circadian Clock to Promote Hypocotyl Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2020, 32, 3155-3169.	6.6	32
87	The telomere-to-telomere gap-free genome of four rice parents reveals SV and PAV patterns in hybrid rice breeding. <i>Plant Biotechnology Journal</i> , 2022, 20, 1642-1644.	8.3	31
88	Phytochrome B Induces Intron Retention and Translational Inhibition of PHYTOCHROME-INTERACTING FACTOR3. <i>Plant Physiology</i> , 2020, 182, 159-166.	4.8	29
89	Light modulates the gravitropic responses through organ-specific PIFs and HY5 regulation of LAZY4 expression in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18840-18848.	7.1	29
90	From hybrid genomes to heterotic trait output: Challenges and opportunities. <i>Current Opinion in Plant Biology</i> , 2022, 66, 102193.	7.1	29

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91	Arabidopsis DET1 Represses Photomorphogenesis in Part by Negatively Regulating DELLA Protein Abundance in Darkness. <i>Molecular Plant</i> , 2015, 8, 622-630.	8.3	26
92	<i>Arabidopsis</i> small nucleolar RNA monitors the efficient pre-rRNA processing during ribosome biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11967-11972.	7.1	26
93	Red-light is an environmental effector for mutualism between begomovirus and its vector whitefly. <i>PLoS Pathogens</i> , 2021, 17, e1008770.	4.7	26
94	Arabidopsis COP1 SUPPRESSOR 2 Represses COP1 E3 Ubiquitin Ligase Activity through Their Coiled-Coil Domains Association. <i>PLoS Genetics</i> , 2015, 11, e1005747.	3.5	23
95	Phosphorylation and negative regulation of CONSTITUTIVELY PHOTOMORPHOGENIC 1 by PINOID in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6617-6622.	7.1	23
96	Hinge region of <i>Arabidopsis</i> phyA plays an important role in regulating phyA function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11864-E11873.	7.1	22
97	CBF-phyB-PIF Module Links Light and Low Temperature Signaling. <i>Trends in Plant Science</i> , 2020, 25, 952-954.	8.8	22
98	The role of COP1 in repression of photoperiodic flowering. <i>F1000Research</i> , 2016, 5, 178.	1.6	22
99	Arabidopsis Atypical Kinases ABC1K1 and ABC1K3 Act Oppositely to Cope with Photodamage Under Red Light. <i>Molecular Plant</i> , 2015, 8, 1122-1124.	8.3	20
100	Characterization of a Novel DWD Protein that Participates in Heat Stress Response in Arabidopsis. <i>Molecules and Cells</i> , 2014, 37, 833-840.	2.6	18
101	Genome-wide dissection of heterosis for yield traits in two-line hybrid rice populations. <i>Scientific Reports</i> , 2017, 7, 7635.	3.3	18
102	Light and Abscisic Acid Coordinately Regulate Greening of Seedlings. <i>Plant Physiology</i> , 2020, 183, 1281-1294.	4.8	18
103	A central circadian oscillator confers defense heterosis in hybrids without growth vigor costs. <i>Nature Communications</i> , 2021, 12, 2317.	12.8	18
104	Natural variation of H3K27me3 modification in two <i>Arabidopsis</i> accessions and their hybrid. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 466-474.	8.5	17
105	The PCY-SAG14 phycocyanin module regulated by PIFs and miR408 promotes dark-induced leaf senescence in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
106	The photomorphogenic repressors BBX28 and BBX29 integrate light and brassinosteroid signaling to inhibit seedling development in Arabidopsis. <i>Plant Cell</i> , 2022, 34, 2266-2285.	6.6	17
107	BBX11 promotes red light-mediated photomorphogenic development by modulating phyB-PIF4 signaling. <i>ABIOTECH</i> , 2021, 2, 117-130.	3.9	16
108	Photoreceptor partner FHY1 has an independent role in gene modulation and plant development under far-red light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11888-11893.	7.1	14

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109	<i>Arabidopsis</i> PP6 phosphatases dephosphorylate PIF proteins to repress photomorphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20218-20225.	7.1	14
110	The <i>Arabidopsis</i> DREAM complex antagonizes WDR5A to modulate histone H3K4me2/3 deposition for a subset of genome repression. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	14
111	Multiple photomorphogenic repressors work in concert to regulate <i>Arabidopsis</i> seedling development. Plant Signaling and Behavior, 2015, 10, e1011934.	2.4	13
112	Genome-wide study of an elite rice pedigree reveals a complex history of genetic architecture for breeding improvement. Scientific Reports, 2017, 7, 45685.	3.3	13
113	Coordinated photomorphogenic UV-B signaling network captured by mathematical modeling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11539-11544.	7.1	12
114	COP1 SUPPRESSOR 4 promotes seedling photomorphogenesis by repressing <i>CCA1</i> and <i>PIF4</i> expression in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11631-11636.	7.1	12
115	Structural insight into UV-activated UVR8 bound to COP1. Science Advances, 2022, 8, eabn3337.	10.3	12
116	SWELLMAP 2, a phyB-Interacting Splicing Factor, Negatively Regulates Seedling Photomorphogenesis in <i>Arabidopsis</i> . Frontiers in Plant Science, 2022, 13, 836519.	3.6	11
117	<i>Arabidopsis</i> atypical kinase ABC1K1 is involved in red light-mediated development. Plant Cell Reports, 2016, 35, 1213-1220.	5.6	9
118	Gibberellin Signal Transduction in Rice. Journal of Integrative Plant Biology, 2007, 49, 731-741.	8.5	8
119	A missense mutation in <i>WRKY32</i> converts its function from a positive regulator to a repressor of photomorphogenesis. New Phytologist, 2021, .	7.3	8
120	Genomic insights on the contribution of introgressions from Xian/Indica to the genetic improvement of Geng/Japonica rice cultivars. Plant Communications, 2022, 3, 100325.	7.7	8
121	Allele-specific DNA methylation analyses associated with siRNAs in <i>Arabidopsis</i> hybrids. Science China Life Sciences, 2014, 57, 519-525.	4.9	7
122	Natural variation in the transcription factor <i>REPLUMLESS</i> contributes to both disease resistance and plant growth in <i>Arabidopsis</i> . Plant Communications, 2022, 3, 100351.	7.7	4
123	Analysis of the Transcriptional Dynamics of Regulatory Genes During Peanut Pod Development Caused by Darkness and Mechanical Stress. Frontiers in Plant Science, 2022, 13, .	3.6	3
124	Single-Molecule Sequencing Assists Genome Assembly Improvement and Structural Variation Inference. Molecular Plant, 2016, 9, 1085-1087.	8.3	2
125	Organization of protein complexes under photomorphogenic UV-B in <i>Arabidopsis</i> . Plant Signaling and Behavior, 2013, 8, e27206.	2.4	1
126	Exploring the genetic characteristics of 93-11 and Nipponbare recombination inbred lines based on the GoldenGate SNP assay. Science China Life Sciences, 2016, 59, 700-708.	4.9	0

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127	Reply to Jin and Zhu: PINOID-mediated COP1 phosphorylation matters in photomorphogenesis in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8136-E8137.	7.1	0