

# Chung-Mo Park

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1840866/chung-mo-park-publications-by-year.pdf>

**Version:** 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141  
papers

9,547  
citations

54  
h-index

96  
g-index

147  
ext. papers

11,796  
ext. citations

6.8  
avg, IF

6.26  
L-index

#	Paper	IF	Citations
141	A dual mode of ethylene actions contributes to the optimization of hypocotyl growth under fluctuating temperature environments. <i>Plant Signaling and Behavior</i> , <b>2021</b> , 16, 1926131	2.5	
140	A Multifaceted Action of Phytochrome B in Plant Environmental Adaptation. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 659712	6.2	3
139	EIN3-Mediated Ethylene Signaling Attenuates Auxin Response during Hypocotyl Thermomorphogenesis. <i>Plant and Cell Physiology</i> , <b>2021</b> , 62, 708-720	4.9	7
138	iRegNet: an integrative Regulatory Network analysis tool for Arabidopsis thaliana. <i>Plant Physiology</i> , <b>2021</b> , 187, 1292-1309	6.6	1
137	External and Internal Reshaping of Plant Thermomorphogenesis. <i>Trends in Plant Science</i> , <b>2021</b> , 26, 810-824	3.1	5
136	The two clock proteins CCA1 and LHY activate VIN3 transcription during vernalization through the vernalization-responsive cis-element.. <i>Plant Cell</i> , <b>2021</b> ,	11.6	3
135	Synchronization of photoperiod and temperature signals during plant thermomorphogenesis. <i>Plant Signaling and Behavior</i> , <b>2020</b> , 15, 1739842	2.5	1
134	Plant Thermomorphogenic Adaptation to Global Warming <b>2020</b> , 63, 1-9		3
133	GIGANTEA Shapes the Photoperiodic Rhythms of Thermomorphogenic Growth in Arabidopsis. <i>Molecular Plant</i> , <b>2020</b> , 13, 459-470	14.4	19
132	Auxin mediates the touch-induced mechanical stimulation of adventitious root formation under windy conditions in Brachypodium distachyon. <i>BMC Plant Biology</i> , <b>2020</b> , 20, 335	5.3	4
131	HOS1 activates DNA repair systems to enhance plant thermotolerance. <i>Nature Plants</i> , <b>2020</b> , 6, 1439-1446	11.5	12
130	Alternative RNA Splicing Expands the Developmental Plasticity of Flowering Transition. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 606	6.2	9
129	Developmental polarity shapes thermo-induced nastic movements in plants. <i>Plant Signaling and Behavior</i> , <b>2019</b> , 14, 1617609	2.5	4
128	Developmental Programming of Thermonastic Leaf Movement. <i>Plant Physiology</i> , <b>2019</b> , 180, 1185-1197	6.6	35
127	Physicochemical modeling of the phytochrome-mediated photothermal sensing. <i>Scientific Reports</i> , <b>2019</b> , 9, 10485	4.9	4
126	Light Primes the Thermally Induced Detoxification of Reactive Oxygen Species During Development of Thermotolerance in Arabidopsis. <i>Plant and Cell Physiology</i> , <b>2019</b> , 60, 230-241	4.9	14
125	Light priming of thermotolerance development in plants. <i>Plant Signaling and Behavior</i> , <b>2019</b> , 14, 1554469	2.5	9

124	Thermal adaptation and plasticity of the plant circadian clock. <i>New Phytologist</i> , <b>2019</b> , 221, 1215-1229	9.8	40
123	Shoot phytochrome B modulates reactive oxygen species homeostasis in roots via abscisic acid signaling in Arabidopsis. <i>Plant Journal</i> , <b>2018</b> , 94, 790-798	6.9	18
122	WRKY71 Acts Antagonistically Against Salt-Delayed Flowering in Arabidopsis thaliana. <i>Plant and Cell Physiology</i> , <b>2018</b> , 59, 414-422	4.9	18
121	External coincidence model for hypocotyl thermomorphogenesis. <i>Plant Signaling and Behavior</i> , <b>2018</b> , 13, e1327498	2.5	5
120	Root-expressed phytochromes B1 and B2, but not PhyA and Cry2, regulate shoot growth in nature. <i>Plant, Cell and Environment</i> , <b>2018</b> , 41, 2577-2588	8.4	7
119	Abscisic acid-mediated phytochrome B signaling promotes primary root growth in Arabidopsis. <i>Plant Signaling and Behavior</i> , <b>2018</b> , 13, e1473684	2.5	3
118	HOS1 acts as a key modulator of hypocotyl photomorphogenesis. <i>Plant Signaling and Behavior</i> , <b>2017</b> , 12, e1315497	2.5	3
117	COP1 conveys warm temperature information to hypocotyl thermomorphogenesis. <i>New Phytologist</i> , <b>2017</b> , 215, 269-280	9.8	76
116	HOS1 Facilitates the Phytochrome B-Mediated Inhibition of PIF4 Function during Hypocotyl Growth in Arabidopsis. <i>Molecular Plant</i> , <b>2017</b> , 10, 274-284	14.4	20
115	Thermo-Induced Maintenance of Photo-oxidoreductases Underlies Plant Autotrophic Development. <i>Developmental Cell</i> , <b>2017</b> , 41, 170-179.e4	10.2	9
114	Light Inhibits COP1-Mediated Degradation of ICE Transcription Factors to Induce Stomatal Development in Arabidopsis. <i>Plant Cell</i> , <b>2017</b> , 29, 2817-2830	11.6	33
113	ZEITLUPE Contributes to a Thermoresponsive Protein Quality Control System in Arabidopsis. <i>Plant Cell</i> , <b>2017</b> , 29, 2882-2894	11.6	27
112	Environmental Adaptation of the Heterotrophic-to-Autotrophic Transition: The Developmental Plasticity of Seedling Establishment. <i>Critical Reviews in Plant Sciences</i> , <b>2017</b> , 36, 128-137	5.6	5
111	Protein quality control is essential for the circadian clock in plants. <i>Plant Signaling and Behavior</i> , <b>2017</b> , 12, e1407019	2.5	1
110	Multiple Routes of Light Signaling during Root Photomorphogenesis. <i>Trends in Plant Science</i> , <b>2017</b> , 22, 803-812	13.1	35
109	Alternative splicing provides a proactive mechanism for the diurnal CONSTANS dynamics in Arabidopsis photoperiodic flowering. <i>Plant Journal</i> , <b>2017</b> , 89, 128-140	6.9	18
108	LATE ELONGATED HYPOCOTYL regulates photoperiodic flowering via the circadian clock in Arabidopsis. <i>BMC Plant Biology</i> , <b>2016</b> , 16, 114	5.3	24
107	Stem-piped light activates phytochrome B to trigger light responses in Arabidopsis thaliana roots. <i>Science Signaling</i> , <b>2016</b> , 9, ra106	8.8	100

106	SPL3/4/5 Integrate Developmental Aging and Photoperiodic Signals into the FT-FD Module in Arabidopsis Flowering. <i>Molecular Plant</i> , <b>2016</b> , 9, 1647-1659	14.4	66
105	Underground roots monitor aboveground environment by sensing stem-piped light. <i>Communicative and Integrative Biology</i> , <b>2016</b> , 9, e1261769	1.7	12
104	High temperature attenuates the gravitropism of inflorescence stems by inducing SHOOT GRAVITROPISM 5 alternative splicing in Arabidopsis. <i>New Phytologist</i> , <b>2016</b> , 209, 265-79	9.8	20
103	WRKY71 accelerates flowering via the direct activation of FLOWERING LOCUS T and LEAFY in Arabidopsis thaliana. <i>Plant Journal</i> , <b>2016</b> , 85, 96-106	6.9	60
102	Integration of photoperiod and cold temperature signals into flowering genetic pathways in Arabidopsis. <i>Plant Signaling and Behavior</i> , <b>2015</b> , 10, e1089373	2.5	8
101	The unified ICE-CBF pathway provides a transcriptional feedback control of freezing tolerance during cold acclimation in Arabidopsis. <i>Plant Molecular Biology</i> , <b>2015</b> , 89, 187-201	4.6	83
100	The Arabidopsis thaliana RNA-binding protein FCA regulates thermotolerance by modulating the detoxification of reactive oxygen species. <i>New Phytologist</i> , <b>2015</b> , 205, 555-69	9.8	29
99	INDUCER OF CBF EXPRESSION integrates cold signals into FLOWERING LOCUS C-mediated flowering pathways in Arabidopsis. <i>Plant Journal</i> , <b>2015</b> , 84, 29-40	6.9	30
98	AKIN10 delays flowering by inactivating IDD8 transcription factor through protein phosphorylation in Arabidopsis. <i>BMC Plant Biology</i> , <b>2015</b> , 15, 110	5.3	53
97	Systemic Immunity Requires SnRK2.8-Mediated Nuclear Import of NPR1 in Arabidopsis. <i>Plant Cell</i> , <b>2015</b> , 27, 3425-38	11.6	77
96	Adaptive thermal control of stem gravitropism through alternative RNA splicing in Arabidopsis. <i>Plant Signaling and Behavior</i> , <b>2015</b> , 10, e1093715	2.5	2
95	FCA mediates thermal adaptation of stem growth by attenuating auxin action in Arabidopsis. <i>Nature Communications</i> , <b>2014</b> , 5, 5473	17.4	59
94	The Arabidopsis NAC transcription factor NTL4 participates in a positive feedback loop that induces programmed cell death under heat stress conditions. <i>Plant Science</i> , <b>2014</b> , 227, 76-83	5.3	45
93	Alternative splicing and nonsense-mediated decay of circadian clock genes under environmental stress conditions in Arabidopsis. <i>BMC Plant Biology</i> , <b>2014</b> , 14, 136	5.3	75
92	The miR172 target TOE3 represses AGAMOUS expression during Arabidopsis floral patterning. <i>Plant Science</i> , <b>2014</b> , 215-216, 29-38	5.3	61
91	Beyond ubiquitination: proteolytic and nonproteolytic roles of HOS1. <i>Trends in Plant Science</i> , <b>2014</b> , 19, 538-45	13.1	15
90	The Arabidopsis floral repressor BFT delays flowering by competing with FT for FD binding under high salinity. <i>Molecular Plant</i> , <b>2014</b> , 7, 377-87	14.4	48
89	Molecular and functional characterization of cold-responsive C-repeat binding factors from <i>Brachypodium distachyon</i> . <i>BMC Plant Biology</i> , <b>2014</b> , 14, 15	5.3	37

88	Alternative splicing of transcription factors in plant responses to low temperature stress: mechanisms and functions. <i>Planta</i> , <b>2013</b> , 237, 1415-24	4.7	59
87	A competitive peptide inhibitor KIDARI negatively regulates HFR1 by forming nonfunctional heterodimers in Arabidopsis photomorphogenesis. <i>Molecules and Cells</i> , <b>2013</b> , 35, 25-31	3.5	20
86	Controlled turnover of CONSTANS protein by the HOS1 E3 ligase regulates floral transition at low temperatures. <i>Plant Signaling and Behavior</i> , <b>2013</b> , 8, e23780	2.5	8
85	HOS1-mediated activation of FLC via chromatin remodeling under cold stress. <i>Plant Signaling and Behavior</i> , <b>2013</b> , 8, e27342	2.5	12
84	The cold signaling attenuator HIGH EXPRESSION OF OSMOTICALLY RESPONSIVE GENE1 activates FLOWERING LOCUS C transcription via chromatin remodeling under short-term cold stress in Arabidopsis. <i>Plant Cell</i> , <b>2013</b> , 25, 4378-90	11.6	76
83	A NAC transcription factor NTL4 promotes reactive oxygen species production during drought-induced leaf senescence in Arabidopsis. <i>Plant Journal</i> , <b>2012</b> , 70, 831-44	6.9	238
82	The AT-hook motif-containing protein AHL22 regulates flowering initiation by modifying FLOWERING LOCUS T chromatin in Arabidopsis. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 15307-16	5.4	52
81	Controlled nuclear import of the transcription factor NTL6 reveals a cytoplasmic role of SnRK2.8 in the drought-stress response. <i>Biochemical Journal</i> , <b>2012</b> , 448, 353-63	3.8	74
80	Arabidopsis RNA-binding protein FCA regulates microRNA172 processing in thermosensory flowering. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 16007-16	5.4	61
79	SHORT VEGETATIVE PHASE (SVP) protein negatively regulates miR172 transcription via direct binding to the pri-miR172a promoter in Arabidopsis. <i>FEBS Letters</i> , <b>2012</b> , 586, 2332-7	3.8	44
78	Preparation of leaf mesophyll protoplasts for transient gene expression in <i>Brachypodium distachyon</i> <b>2012</b> , 55, 390-397		26
77	Transcription Factors: Improving Abiotic Stress Tolerance in Plants <b>2012</b> , 451-479		1
76	Targeted inactivation of transcription factors by overexpression of their truncated forms in plants. <i>Plant Journal</i> , <b>2012</b> , 72, 162-72	6.9	20
75	Activation of a flavin monooxygenase gene YUCCA7 enhances drought resistance in Arabidopsis. <i>Planta</i> , <b>2012</b> , 235, 923-38	4.7	90
74	The SOC1-SPL module integrates photoperiod and gibberellic acid signals to control flowering time in Arabidopsis. <i>Plant Journal</i> , <b>2012</b> , 69, 577-88	6.9	162
73	CCA1 alternative splicing as a way of linking the circadian clock to temperature response in Arabidopsis. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 1194-6	2.5	25
72	Regulation of reactive oxygen species generation under drought conditions in Arabidopsis. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 599-601	2.5	18
71	The E3 ubiquitin ligase HOS1 regulates Arabidopsis flowering by mediating CONSTANS degradation under cold stress. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 43277-87	5.4	65

70	A self-regulatory circuit of CIRCADIAN CLOCK-ASSOCIATED1 underlies the circadian clock regulation of temperature responses in Arabidopsis. <i>Plant Cell</i> , <b>2012</b> , 24, 2427-42	11.6	203
69	A highly selective and sensitive fluorescence sensing system for distinction between diphosphate and nucleoside triphosphates. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 417-23	4.2	50
68	Auxin modulation of salt stress signaling in Arabidopsis seed germination. <i>Plant Signaling and Behavior</i> , <b>2011</b> , 6, 1198-200	2.5	51
67	Competitive inhibition of transcription factors by small interfering peptides. <i>Trends in Plant Science</i> , <b>2011</b> , 16, 541-9	13.1	68
66	The MYB96 transcription factor regulates cuticular wax biosynthesis under drought conditions in Arabidopsis. <i>Plant Cell</i> , <b>2011</b> , 23, 1138-52	11.6	392
65	Modulation of sugar metabolism by an INDETERMINATE DOMAIN transcription factor contributes to photoperiodic flowering in Arabidopsis. <i>Plant Journal</i> , <b>2011</b> , 65, 418-29	6.9	105
64	Expression of Arabidopsis pathogenesis-related genes during nematode infection. <i>Molecular Plant Pathology</i> , <b>2011</b> , 12, 355-64	5.7	114
63	Integration of auxin and salt signals by the NAC transcription factor NTM2 during seed germination in Arabidopsis. <i>Plant Physiology</i> , <b>2011</b> , 156, 537-49	6.6	116
62	The Arabidopsis NAC transcription factor VNI2 integrates abscisic acid signals into leaf senescence via the COR/RD genes. <i>Plant Cell</i> , <b>2011</b> , 23, 2155-68	11.6	270
61	miR172 signals are incorporated into the miR156 signaling pathway at the SPL3/4/5 genes in Arabidopsis developmental transitions. <i>Plant Molecular Biology</i> , <b>2011</b> , 76, 35-45	4.6	127
60	An Arabidopsis senescence-associated protein SAG29 regulates cell viability under high salinity. <i>Planta</i> , <b>2011</b> , 233, 189-200	4.7	119
59	Activation of a mitochondrial ATPase gene induces abnormal seed development in Arabidopsis. <i>Molecules and Cells</i> , <b>2011</b> , 31, 361-9	3.5	8
58	The floral repressor BROTHER OF FT AND TFL1 (BFT) modulates flowering initiation under high salinity in Arabidopsis. <i>Molecules and Cells</i> , <b>2011</b> , 32, 295-303	3.5	36
57	Two splice variants of the IDD14 transcription factor competitively form nonfunctional heterodimers which may regulate starch metabolism. <i>Nature Communications</i> , <b>2011</b> , 2, 303	17.4	111
56	Signaling linkage between environmental stress resistance and leaf senescence in Arabidopsis. <i>Plant Signaling and Behavior</i> , <b>2011</b> , 6, 1564-6	2.5	11
55	Cuticular wax biosynthesis as a way of inducing drought resistance. <i>Plant Signaling and Behavior</i> , <b>2011</b> , 6, 1043-5	2.5	53
54	Nuclear import and DNA binding of the ZHD5 transcription factor is modulated by a competitive peptide inhibitor in Arabidopsis. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 1659-68	5.4	49
53	Brachypodium as a model for the grasses: today and the future. <i>Plant Physiology</i> , <b>2011</b> , 157, 3-13	6.6	190

52	MYB96-mediated abscisic acid signals induce pathogen resistance response by promoting salicylic acid biosynthesis in Arabidopsis. <i>New Phytologist</i> , <b>2010</b> , 186, 471-83	9.8	216
51	Salicylic acid promotes seed germination under high salinity by modulating antioxidant activity in Arabidopsis. <i>New Phytologist</i> , <b>2010</b> , 188, 626-37	9.8	140
50	Cold activation of a plasma membrane-tethered NAC transcription factor induces a pathogen resistance response in Arabidopsis. <i>Plant Journal</i> , <b>2010</b> , 61, 661-71	6.9	193
49	Helicobacter pylori proinflammatory protein up-regulates NF-kappaB as a cell-translocating Ser/Thr kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 21418-23	11.5	43
48	A membrane-bound NAC transcription factor as an integrator of biotic and abiotic stress signals. <i>Plant Signaling and Behavior</i> , <b>2010</b> , 5, 481-3	2.5	42
47	Modulation of reactive oxygen species by salicylic acid in Arabidopsis seed germination under high salinity. <i>Plant Signaling and Behavior</i> , <b>2010</b> , 5, 1534-6	2.5	36
46	Probing protein structural requirements for activation of membrane-bound NAC transcription factors in Arabidopsis and rice. <i>Plant Science</i> , <b>2010</b> , 178, 239-244	5.3	11
45	Genome-scale screening and molecular characterization of membrane-bound transcription factors in Arabidopsis and rice. <i>Genomics</i> , <b>2010</b> , 95, 56-65	4.3	83
44	Proteolytic processing of an Arabidopsis membrane-bound NAC transcription factor is triggered by cold-induced changes in membrane fluidity. <i>Biochemical Journal</i> , <b>2010</b> , 427, 359-67	3.8	45
43	A transcriptional feedback loop modulating signaling crosstalks between auxin and brassinosteroid in Arabidopsis. <i>Molecules and Cells</i> , <b>2010</b> , 29, 449-56	3.5	16
42	An Arabidopsis F-box protein regulates tapetum degeneration and pollen maturation during anther development. <i>Planta</i> , <b>2010</b> , 232, 353-66	4.7	18
41	Identification and molecular characterization of a Brachypodium distachyon GIGANTEA gene: functional conservation in monocot and dicot plants. <i>Plant Molecular Biology</i> , <b>2010</b> , 72, 485-97	4.6	32
40	Activation tagging of an Arabidopsis SHI-RELATED SEQUENCE gene produces abnormal anther dehiscence and floral development. <i>Plant Molecular Biology</i> , <b>2010</b> , 74, 337-51	4.6	26
39	MicroRNA biogenesis and function in higher plants. <i>Plant Biotechnology Reports</i> , <b>2009</b> , 3, 111-126	2.5	44
38	Optimization of conditions for transient Agrobacterium-mediated gene expression assays in Arabidopsis. <i>Plant Cell Reports</i> , <b>2009</b> , 28, 1159-67	5.1	76
37	The MYB96 transcription factor mediates abscisic acid signaling during drought stress response in Arabidopsis. <i>Plant Physiology</i> , <b>2009</b> , 151, 275-89	6.6	396
36	Auxin homeostasis during lateral root development under drought condition. <i>Plant Signaling and Behavior</i> , <b>2009</b> , 4, 1002-4	2.5	57
35	A membrane-bound NAC transcription factor NTL8 regulates gibberellic acid-mediated salt signaling in Arabidopsis seed germination. <i>Plant Journal</i> , <b>2008</b> , 55, 77-88	6.9	140

34	Exploring valid reference genes for gene expression studies in <i>Brachypodium distachyon</i> by real-time PCR. <i>BMC Plant Biology</i> , <b>2008</b> , 8, 112	5.3	309
33	Membrane-bound transcription factors in plants. <i>Trends in Plant Science</i> , <b>2008</b> , 13, 550-6	13.1	136
32	Molecular Mechanisms Underlying Vascular Development. <i>Advances in Botanical Research</i> , <b>2008</b> , 1-68	2.2	4
31	Gibberellic acid-mediated salt signaling in seed germination. <i>Plant Signaling and Behavior</i> , <b>2008</b> , 3, 877-92.5	2.5	20
30	Small interfering peptides as a novel way of transcriptional control. <i>Plant Signaling and Behavior</i> , <b>2008</b> , 3, 615-7	2.5	11
29	Molecular and functional profiling of <i>Arabidopsis</i> pathogenesis-related genes: insights into their roles in salt response of seed germination. <i>Plant and Cell Physiology</i> , <b>2008</b> , 49, 334-44	4.9	151
28	HD-ZIP III activity is modulated by competitive inhibitors via a feedback loop in <i>Arabidopsis</i> shoot apical meristem development. <i>Plant Cell</i> , <b>2008</b> , 20, 920-33	11.6	97
27	Regulation of leaf senescence by NTL9-mediated osmotic stress signaling in <i>Arabidopsis</i> . <i>Molecules and Cells</i> , <b>2008</b> , 25, 438-45	3.5	82
26	MIR166/165 genes exhibit dynamic expression patterns in regulating shoot apical meristem and floral development in <i>Arabidopsis</i> . <i>Planta</i> , <b>2007</b> , 225, 1327-38	4.7	150
25	A membrane-associated NAC transcription factor regulates salt-responsive flowering via FLOWERING LOCUS T in <i>Arabidopsis</i> . <i>Planta</i> , <b>2007</b> , 226, 647-54	4.7	161
24	Exploring membrane-associated NAC transcription factors in <i>Arabidopsis</i> : implications for membrane biology in genome regulation. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, 203-13	20.1	170
23	Auxin homeostasis in plant stress adaptation response. <i>Plant Signaling and Behavior</i> , <b>2007</b> , 2, 306-7	2.5	26
22	Membrane-mediated salt stress signaling in flowering time control. <i>Plant Signaling and Behavior</i> , <b>2007</b> , 2, 517-8	2.5	15
21	Membrane regulation of cytokinin-mediated cell division in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , <b>2007</b> , 2, 15-6	2.5	5
20	The GIGANTEA-regulated microRNA172 mediates photoperiodic flowering independent of CONSTANS in <i>Arabidopsis</i> . <i>Plant Cell</i> , <b>2007</b> , 19, 2736-48	11.6	355
19	GH3-mediated auxin homeostasis links growth regulation with stress adaptation response in <i>Arabidopsis</i> . <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 10036-10046	5.4	346
18	An <i>Arabidopsis</i> GH3 Gene, Encoding an Auxin-Conjugating Enzyme, Mediates Phytochrome B-Regulated Light Signals in Hypocotyl Growth. <i>Plant and Cell Physiology</i> , <b>2007</b> , 48, 1514-1514	4.9	3
17	Functional characterization of a small auxin-up RNA gene in apical hook development in <i>Arabidopsis</i> . <i>Plant Science</i> , <b>2007</b> , 172, 150-157	5.3	64



16	Structural and functional insights into Dom34, a key component of no-go mRNA decay. <i>Molecular Cell</i> , <b>2007</b> , 27, 938-50	17.6	78
15	An Arabidopsis GH3 gene, encoding an auxin-conjugating enzyme, mediates phytochrome B-regulated light signals in hypocotyl growth. <i>Plant and Cell Physiology</i> , <b>2007</b> , 48, 1236-41	4.9	47
14	A membrane-bound NAC transcription factor regulates cell division in Arabidopsis. <i>Plant Cell</i> , <b>2006</b> , 18, 3132-44	11.6	258
13	S2c1-1 Structure and Ribonuclease Activity of Pelota : Implications for the No-go Decay and Translation Regulation(S2-c1: "Crystallographic approach to understand biological supramacromolecular assemblies",Symposia,Abstract,Meeting Program of EABS & BSJ 2006). <i>Seibutsu Butsuri</i> , <b>2006</b> , 46, 5120	0	
12	microRNA-directed cleavage of ATHB15 mRNA regulates vascular development in Arabidopsis inflorescence stems. <i>Plant Journal</i> , <b>2005</b> , 42, 84-94	6.9	287
11	A new Arabidopsis gene, FLK, encodes an RNA binding protein with K homology motifs and regulates flowering time via FLOWERING LOCUS C. <i>Plant Cell</i> , <b>2004</b> , 16, 731-40	11.6	163
10	Crystal structure of a cyanobacterial phytochrome response regulator. <i>Protein Science</i> , <b>2002</b> , 11, 614-24	6.3	18
9	A phytochrome-associated protein phosphatase 2A modulates light signals in flowering time control in Arabidopsis. <i>Plant Cell</i> , <b>2002</b> , 14, 3043-56	11.6	109
8	The H1 double-stranded RNA genome of Ustilago maydis virus-H1 encodes a polyprotein that contains structural motifs for capsid polypeptide, papain-like protease, and RNA-dependent RNA polymerase. <i>Virus Research</i> , <b>2001</b> , 76, 183-9	6.4	26
7	Light and brassinosteroid signals are integrated via a dark-induced small G protein in etiolated seedling growth. <i>Cell</i> , <b>2001</b> , 105, 625-36	56.2	159
6	Inter-domain crosstalk in the phytochrome molecules. <i>Seminars in Cell and Developmental Biology</i> , <b>2000</b> , 11, 449-56	7.5	45
5	Structure of Ustilago maydis killer toxin KP6 alpha-subunit. A multimeric assembly with a central pore. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 20425-31	5.4	19
4	High-level secretion of a virally encoded anti-fungal toxin in transgenic tobacco plants. <i>Plant Molecular Biology</i> , <b>1996</b> , 30, 359-66	4.6	32
3	The Ustilago maydis virally encoded KP1 killer toxin. <i>Molecular Microbiology</i> , <b>1996</b> , 20, 957-63	4.1	35
2	Structure and heterologous expression of the Ustilago maydis viral toxin KP4. <i>Molecular Microbiology</i> , <b>1994</b> , 11, 155-64	4.1	54
1	A family of Ustilago maydis expression vectors: new selectable markers and promoters. <i>Gene</i> , <b>1993</b> , 127, 151-2	3.8	16