

# Joanne Chory

## List of Publications by Year in Descending Order

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

161  
papers

30,632  
citations

87  
h-index

173  
g-index

173  
ext. papers

34,989  
ext. citations

17.3  
avg, IF

7.14  
L-index

#	Paper	IF	Citations
161	Singlet Oxygen Leads to Structural Changes to Chloroplasts During their Degradation in the Arabidopsis thaliana plastid ferrochelatase two Mutant. <i>Plant and Cell Physiology</i> , <b>2021</b> ,	4.9	2
160	Two interacting ethylene response factors regulate heat stress response. <i>Plant Cell</i> , <b>2021</b> , 33, 338-357	11.6	21
159	Stretch-activated ion channels identified in the touch-sensitive structures of carnivorous Droseraceae plants. <i>ELife</i> , <b>2021</b> , 10,	8.9	11
158	PHYTOCHROME-INTERACTING FACTORS trigger environmentally responsive chromatin dynamics in plants. <i>Nature Genetics</i> , <b>2021</b> , 53, 955-961	36.3	11
157	Multikingdom diffusion barrier control. <i>Science</i> , <b>2021</b> , 371, 125	33.3	0
156	HY5 and phytochrome activity modulate shoot-to-root coordination during thermomorphogenesis in. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	11
155	Local HY5 Activity Mediates Hypocotyl Growth and Shoot-to-Root Communication. <i>Plant Communications</i> , <b>2020</b> , 1,	9	16
154	Chimeric Activators and Repressors Define HY5 Activity and Reveal a Light-Regulated Feedback Mechanism. <i>Plant Cell</i> , <b>2020</b> , 32, 967-983	11.6	52
153	The Many Models of Strigolactone Signaling. <i>Trends in Plant Science</i> , <b>2020</b> , 25, 395-405	13.1	48
152	Unraveling the Linkage between Retrograde Signaling and RNA Metabolism in Plants. <i>Trends in Plant Science</i> , <b>2020</b> , 25, 141-147	13.1	18
151	Roles for the chloroplast-localized pentatricopeptide repeat protein 30 and the mitochondrial transcription termination factor 9 in chloroplast quality control. <i>Plant Journal</i> , <b>2020</b> , 104, 735-751	6.9	9
150	GSNOR provides plant tolerance to iron toxicity via preventing iron-dependent nitrosative and oxidative cytotoxicity. <i>Nature Communications</i> , <b>2019</b> , 10, 3896	17.4	35
149	Network trade-offs and homeostasis in Arabidopsis shoot architectures. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007325	5	0
148	Structural Basis of Karrikin and Non-natural Strigolactone Perception in Physcomitrella patens. <i>Cell Reports</i> , <b>2019</b> , 26, 855-865.e5	10.6	42
147	Big Data to the Bench: Transcriptome Analysis for Undergraduates. <i>CBE Life Sciences Education</i> , <b>2019</b> , 18, ar19	3.4	1
146	GUN1 interacts with MORF2 to regulate plastid RNA editing during retrograde signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 10162-10167	11.5	48
145	Co-targeting RNA Polymerases IV and V Promotes Efficient De Novo DNA Methylation in Arabidopsis. <i>Cell</i> , <b>2019</b> , 176, 1068-1082.e19	56.2	68

144	Stressed Out About Hormones: How Plants Orchestrate Immunity. <i>Cell Host and Microbe</i> , <b>2019</b> , 26, 163-174	8.5	85
143	Epigenetic silencing of a multifunctional plant stress regulator. <i>ELife</i> , <b>2019</b> , 8,	8.9	16
142	The Arabidopsis Transcriptome Responds Specifically and Dynamically to High Light Stress. <i>Cell Reports</i> , <b>2019</b> , 29, 4186-4199.e3	10.6	46
141	BRASSINOSTEROID-SIGNALING KINASE 3, a plasma membrane-associated scaffold protein involved in early brassinosteroid signaling. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1007904	6	38
140	ZINC-FINGER interactions mediate transcriptional regulation of hypocotyl growth in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E4503-E4511	11.5	13
139	RNA-directed DNA methylation involves co-transcriptional small-RNA-guided slicing of polymerase V transcripts in Arabidopsis. <i>Nature Plants</i> , <b>2018</b> , 4, 181-188	11.5	51
138	Long-Day Photoperiod Enhances Jasmonic Acid-Related Plant Defense. <i>Plant Physiology</i> , <b>2018</b> , 178, 163-173	6.3	12
137	Next Generation of Plant-Associated Bacterial Genome Data. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 10-11	23.4	1
136	A WW Domain-Containing Protein Forms Immune Nuclear Bodies against Begomoviruses. <i>Molecular Plant</i> , <b>2018</b> , 11, 1449-1465	14.4	8
135	Structural and chemical biology of deacetylases for carbohydrates, proteins, small molecules and histones. <i>Communications Biology</i> , <b>2018</b> , 1, 217	6.7	8
134	Mutants Are Hypersensitive to Norflurazon and Lincomycin. <i>Plant Physiology</i> , <b>2018</b> , 178, 960-964	6.6	17
133	In Vivo Imaging of Diacylglycerol at the Cytoplasmic Leaflet of Plant Membranes. <i>Plant and Cell Physiology</i> , <b>2017</b> , 58, 1196-1207	4.9	22
132	Dancing in the dark: darkness as a signal in plants. <i>Plant, Cell and Environment</i> , <b>2017</b> , 40, 2487-2501	8.4	40
131	High-Resolution Laser Scanning Reveals Plant Architectures that Reflect Universal Network Design Principles. <i>Cell Systems</i> , <b>2017</b> , 5, 53-62.e3	10.6	22
130	Mechanism of early light signaling by the carboxy-terminal output module of Arabidopsis phytochrome B. <i>Nature Communications</i> , <b>2017</b> , 8, 1905	17.4	42
129	A Statistical Description of Plant Shoot Architecture. <i>Current Biology</i> , <b>2017</b> , 27, 2078-2088.e3	6.3	18
128	A hydrophobic anchor mechanism defines a deacetylase family that suppresses host response against YopJ effectors. <i>Nature Communications</i> , <b>2017</b> , 8, 2201	17.4	16
127	The Role of Phytochromes in Triggering Plant Developmental Transitions <b>2016</b> , 1-11		3

126	Mapping transcription factor interactome networks using HaloTag protein arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E4238-47	11.5	52
125	Cryptochromes Interact Directly with PIFs to Control Plant Growth in Limiting Blue Light. <i>Cell</i> , <b>2016</b> , 164, 233-245	56.2	295
124	The epidermis coordinates auxin-induced stem growth in response to shade. <i>Genes and Development</i> , <b>2016</b> , 30, 1529-41	12.6	68
123	Brassinosteroid's multi-modular interaction with the general stress network customizes stimulus-specific responses in Arabidopsis. <i>Plant Science</i> , <b>2016</b> , 250, 165-177	5.3	9
122	Overexpression of the bacterial tryptophan oxidase RebO affects auxin biosynthesis and Arabidopsis development. <i>Science Bulletin</i> , <b>2016</b> , 61, 859-867	10.6	10
121	Nascent RNA sequencing reveals distinct features in plant transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 12316-12321	11.5	90
120	An histidine covalent receptor and butenolide complex mediates strigolactone perception. <i>Nature Chemical Biology</i> , <b>2016</b> , 12, 787-794	11.7	176
119	Local auxin metabolism regulates environment-induced hypocotyl elongation. <i>Nature Plants</i> , <b>2016</b> , 2, 16025	11.5	74
118	Internalization and vacuolar targeting of the brassinosteroid hormone receptor BRI1 are regulated by ubiquitination. <i>Nature Communications</i> , <b>2015</b> , 6, 6151	17.4	106
117	Sustained NIK-mediated antiviral signalling confers broad-spectrum tolerance to begomoviruses in cultivated plants. <i>Plant Biotechnology Journal</i> , <b>2015</b> , 13, 1300-1311	11.6	32
116	NIK1-mediated translation suppression functions as a plant antiviral immunity mechanism. <i>Nature</i> , <b>2015</b> , 520, 679-82	50.4	132
115	Ubiquitin facilitates a quality-control pathway that removes damaged chloroplasts. <i>Science</i> , <b>2015</b> , 350, 450-4	33.3	117
114	Integration of Light and Photoperiodic Signaling in Transcriptional Nuclear Foci. <i>Developmental Cell</i> , <b>2015</b> , 35, 311-21	10.2	56
113	Characterization of tub4(P287L), a $\beta$ -tubulin mutant, revealed new aspects of microtubule regulation in shade. <i>Journal of Integrative Plant Biology</i> , <b>2015</b> , 57, 757-69	8.3	15
112	A current perspective on the role of AGCVIII kinases in PIN-mediated apical hook development. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 767	6.2	9
111	Unfolding the mysteries of strigolactone signaling. <i>Molecular Plant</i> , <b>2014</b> , 7, 934-936	14.4	11
110	PIL1 participates in a negative feedback loop that regulates its own gene expression in response to shade. <i>Molecular Plant</i> , <b>2014</b> , 7, 1582-5	14.4	19
109	The growth-defense pivot: crisis management in plants mediated by LRR-RK surface receptors. <i>Trends in Biochemical Sciences</i> , <b>2014</b> , 39, 447-56	10.3	100

108	Phytochrome A antagonizes PHYTOCHROME INTERACTING FACTOR 1 to prevent over-activation of photomorphogenesis. <i>Molecular Plant</i> , <b>2014</b> , 7, 1415-1428	14.4	9
107	Molecular mechanism of action of plant DRM de novo DNA methyltransferases. <i>Cell</i> , <b>2014</b> , 157, 1050-60	56.2	179
106	Cotyledon-Generated Auxin Is Required for Shade-Induced Hypocotyl Growth in <i>Brassica rapa</i> . <i>Plant Physiology</i> , <b>2014</b> , 165, 1285-1301	6.6	85
105	Tyrosine phosphorylation regulates the activity of phytochrome photoreceptors. <i>Cell Reports</i> , <b>2013</b> , 3, 1970-9	10.6	55
104	Sigma factor-mediated plastid retrograde signals control nuclear gene expression. <i>Plant Journal</i> , <b>2013</b> , 73, 1-13	6.9	117
103	An open letter to the metabolomics community: looking forward to a future of integrative plant biology. <i>Metabolomics</i> , <b>2013</b> , 9, 268-270	4.7	
102	Subset of heat-shock transcription factors required for the early response of Arabidopsis to excess light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 14474-9	11.5	108
101	Smoke-derived karrikin perception by the $\beta$ -glucuronidase KAI2 from Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 8284-9	11.5	120
100	Image-based analysis of light-grown seedling hypocotyls in Arabidopsis. <i>Methods in Molecular Biology</i> , <b>2012</b> , 918, 1-7	1.4	2
99	Linking photoreceptor excitation to changes in plant architecture. <i>Genes and Development</i> , <b>2012</b> , 26, 785-90	12.6	334
98	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> , <b>2012</b> , 109, 297-302	11.5	238
97	Proteasome-mediated turnover of Arabidopsis MED25 is coupled to the activation of FLOWERING LOCUS T transcription. <i>Plant Physiology</i> , <b>2012</b> , 160, 1662-73	6.6	33
96	Tyrosine phosphorylation controls brassinosteroid receptor activation by triggering membrane release of its kinase inhibitor. <i>Genes and Development</i> , <b>2011</b> , 25, 232-7	12.6	197
95	Methylation of a phosphatase specifies dephosphorylation and degradation of activated brassinosteroid receptors. <i>Science Signaling</i> , <b>2011</b> , 4, ra29	8.8	106
94	Crosstalk in cellular signaling: background noise or the real thing?. <i>Developmental Cell</i> , <b>2011</b> , 21, 985-91	10.2	87
93	Structural basis of steroid hormone perception by the receptor kinase BRI1. <i>Nature</i> , <b>2011</b> , 474, 467-71	50.4	279
92	Cryptochrome 1 and phytochrome B control shade-avoidance responses in Arabidopsis via partially independent hormonal cascades. <i>Plant Journal</i> , <b>2011</b> , 67, 195-207	6.9	182
91	Automated analysis of hypocotyl growth dynamics during shade avoidance in Arabidopsis. <i>Plant Journal</i> , <b>2011</b> , 65, 991-1000	6.9	61

90	Phytochrome signaling mechanisms and the control of plant development. <i>Trends in Cell Biology</i> , <b>2011</b> , 21, 664-71	18.3	281
89	Heme synthesis by plastid ferrochelatase I regulates nuclear gene expression in plants. <i>Current Biology</i> , <b>2011</b> , 21, 897-903	6.3	224
88	Conversion of tryptophan to indole-3-acetic acid by TRYPTOPHAN AMINOTRANSFERASES OF ARABIDOPSIS and YUCCAs in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 18518-23	11.5	418
87	Brassinosteroid perception in the epidermis controls root meristem size. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 839-48	6.6	253
86	Extracellular leucine-rich repeats as a platform for receptor/coreceptor complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 8503-7	11.5	120
85	Unraveling the paradoxes of plant hormone signaling integration. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 642-5	17.6	195
84	Light signal transduction: an infinite spectrum of possibilities. <i>Plant Journal</i> , <b>2010</b> , 61, 982-91	6.9	91
83	Arabidopsis HEMERA/pTAC12 initiates photomorphogenesis by phytochromes. <i>Cell</i> , <b>2010</b> , 141, 1230-40	56.2	164
82	Synergism of red and blue light in the control of Arabidopsis gene expression and development. <i>Current Biology</i> , <b>2009</b> , 19, 1216-20	6.3	63
81	Arabidopsis MYB30 is a direct target of BES1 and cooperates with BES1 to regulate brassinosteroid-induced gene expression. <i>Plant Journal</i> , <b>2009</b> , 58, 275-86	6.9	176
80	Chemical inhibition of a subset of Arabidopsis thaliana GSK3-like kinases activates brassinosteroid signaling. <i>Chemistry and Biology</i> , <b>2009</b> , 16, 594-604		189
79	QTL mapping in new Arabidopsis thaliana advanced intercross-recombinant inbred lines. <i>PLoS ONE</i> , <b>2009</b> , 4, e4318	3.7	77
78	Coordination of gene expression between organellar and nuclear genomes. <i>Nature Reviews Genetics</i> , <b>2008</b> , 9, 383-95	30.1	470
77	Growth coordination and the shoot epidermis. <i>Current Opinion in Plant Biology</i> , <b>2008</b> , 11, 42-8	9.9	70
76	Rapid synthesis of auxin via a new tryptophan-dependent pathway is required for shade avoidance in plants. <i>Cell</i> , <b>2008</b> , 133, 164-76	56.2	757
75	The impact of Arabidopsis on human health: diversifying our portfolio. <i>Cell</i> , <b>2008</b> , 133, 939-43	56.2	79
74	A zinc knuckle protein that negatively controls morning-specific growth in Arabidopsis thaliana. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 17193-8	11.5	58
73	Modulation of brassinosteroid-regulated gene expression by Jumonji domain-containing proteins ELF6 and REF6 in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 7618-23	11.5	236

72	Genetically encoded photoswitching of actin assembly through the Cdc42-WASP-Arp2/3 complex pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 12797-802	11.5	83
71	Network discovery pipeline elucidates conserved time-of-day-specific cis-regulatory modules. <i>PLoS Genetics</i> , <b>2008</b> , 4, e14	6	389
70	A morning-specific phytohormone gene expression program underlying rhythmic plant growth. <i>PLoS Biology</i> , <b>2008</b> , 6, e225	9.7	174
69	Amino acid polymorphisms in Arabidopsis phytochrome B cause differential responses to light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 3157-62	11.5	85
68	The epidermis both drives and restricts plant shoot growth. <i>Nature</i> , <b>2007</b> , 446, 199-202	50.4	319
67	Genome-wide patterns of single-feature polymorphism in Arabidopsis thaliana. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 12057-62	11.5	147
66	Endosomal signaling of plant steroid receptor kinase BRI1. <i>Genes and Development</i> , <b>2007</b> , 21, 1598-602	12.6	302
65	. <i>Science</i> ,	33.3	
64	Signals from Chloroplasts Converge to Regulate Nuclear Gene Expression. <i>Science</i> , <b>2007</b> , 316, 715-719	33.3	116
63	Arabidopsis brassinosteroid signaling pathway. <i>Science</i> <b>STKE: Signal Transduction Knowledge Environment</b> , <b>2006</b> , 2006, cm5		21
62	Brassinosteroid signaling pathway. <i>Science</i> <b>STKE: Signal Transduction Knowledge Environment</b> , <b>2006</b> , 2006, cm4		14
61	Brassinosteroids regulate dissociation of BKI1, a negative regulator of BRI1 signaling, from the plasma membrane. <i>Science</i> , <b>2006</b> , 313, 1118-22	33.3	370
60	Brassinosteroid signaling: a paradigm for steroid hormone signaling from the cell surface. <i>Science</i> , <b>2006</b> , 314, 1410-1	33.3	128
59	Different plant hormones regulate similar processes through largely nonoverlapping transcriptional responses. <i>Cell</i> , <b>2006</b> , 126, 467-75	56.2	710
58	Plastid-to-nucleus retrograde signaling. <i>Annual Review of Plant Biology</i> , <b>2006</b> , 57, 739-59	30.7	450
57	The PHYTOCHROME C photoreceptor gene mediates natural variation in flowering and growth responses of Arabidopsis thaliana. <i>Nature Genetics</i> , <b>2006</b> , 38, 711-5	36.3	171
56	Downstream nuclear events in brassinosteroid signalling. <i>Nature</i> , <b>2006</b> , 441, 96-100	50.4	302
55	Molecular mechanisms of steroid hormone signaling in plants. <i>Annual Review of Cell and Developmental Biology</i> , <b>2005</b> , 21, 177-201	12.6	322

54	A new class of transcription factors mediates brassinosteroid-regulated gene expression in <i>Arabidopsis</i> . <i>Cell</i> , <b>2005</b> , 120, 249-59	56.2	539
53	Autoregulation and homodimerization are involved in the activation of the plant steroid receptor BRI1. <i>Developmental Cell</i> , <b>2005</b> , 8, 855-65	10.2	219
52	Binding of brassinosteroids to the extracellular domain of plant receptor kinase BRI1. <i>Nature</i> , <b>2005</b> , 433, 167-71	50.4	477
51	FRIGIDA-independent variation in flowering time of natural <i>Arabidopsis thaliana</i> accessions. <i>Genetics</i> , <b>2005</b> , 170, 1197-207	4	128
50	Quantitative trait locus mapping and DNA array hybridization identify an FLM deletion as a cause for natural flowering-time variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 2460-5	11.5	167
49	Interdependency of brassinosteroid and auxin signaling in <i>Arabidopsis</i> . <i>PLoS Biology</i> , <b>2004</b> , 2, E258	9.7	443
48	BRL1 and BRL3 are novel brassinosteroid receptors that function in vascular differentiation in <i>Arabidopsis</i> . <i>Development (Cambridge)</i> , <b>2004</b> , 131, 5341-51	6.6	391
47	Light-response quantitative trait loci identified with composite interval and eXtreme array mapping in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , <b>2004</b> , 167, 907-17	4	74
46	Nuclear protein phosphatases with Kelch-repeat domains modulate the response to brassinosteroids in <i>Arabidopsis</i> . <i>Genes and Development</i> , <b>2004</b> , 18, 448-60	12.6	289
45	Genomics tools for QTL analysis and gene discovery. <i>Current Opinion in Plant Biology</i> , <b>2004</b> , 7, 132-6	9.9	103
44	Light signal transduction in higher plants. <i>Annual Review of Genetics</i> , <b>2004</b> , 38, 87-117	14.5	703
43	HYS, Circadian Clock-Associated 1, and a cis-element, DET1 dark response element, mediate DET1 regulation of chlorophyll a/b-binding protein 2 expression. <i>Plant Physiology</i> , <b>2003</b> , 133, 1565-77	6.6	45
42	Regulation of flowering time by light quality. <i>Nature</i> , <b>2003</b> , 423, 881-5	50.4	381
41	GUN4, a regulator of chlorophyll synthesis and intracellular signaling. <i>Science</i> , <b>2003</b> , 299, 902-6	33.3	411
40	Large-scale identification of single-feature polymorphisms in complex genomes. <i>Genome Research</i> , <b>2003</b> , 13, 513-23	9.7	307
39	Building integrated models of plant growth and development. <i>Plant Physiology</i> , <b>2003</b> , 132, 436-9	6.6	21
38	De-etiolated 1 and damaged DNA binding protein 1 interact to regulate <i>Arabidopsis</i> photomorphogenesis. <i>Current Biology</i> , <b>2002</b> , 12, 1462-72	6.3	188
37	The extent of linkage disequilibrium in <i>Arabidopsis thaliana</i> . <i>Nature Genetics</i> , <b>2002</b> , 30, 190-3	36.3	393



36	Photomorphogenesis. <i>The Arabidopsis Book</i> , <b>2002</b> , 1, e0054	3	31
35	A crucial role for the putative Arabidopsis topoisomerase VI in plant growth and development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 10191-6	11.5	98
34	Steroid signaling in plants and insects--common themes, different pathways. <i>Genes and Development</i> , <b>2002</b> , 16, 3113-29	12.6	120
33	BES1 accumulates in the nucleus in response to brassinosteroids to regulate gene expression and promote stem elongation. <i>Cell</i> , <b>2002</b> , 109, 181-91	56.2	858
32	Nuclear-localized BZR1 mediates brassinosteroid-induced growth and feedback suppression of brassinosteroid biosynthesis. <i>Developmental Cell</i> , <b>2002</b> , 2, 505-13	10.2	749
31	Quantitative trait loci controlling light and hormone response in two accessions of Arabidopsis thaliana. <i>Genetics</i> , <b>2002</b> , 160, 683-96	4	101
30	Steroid signaling in plants: from the cell surface to the nucleus. <i>BioEssays</i> , <b>2001</b> , 23, 1028-36	4.1	68
29	Natural variation in light sensitivity of Arabidopsis. <i>Nature Genetics</i> , <b>2001</b> , 29, 441-6	36.3	229
28	Weaving the complex web of signal transduction. <i>Plant Physiology</i> , <b>2001</b> , 125, 77-80	6.6	44
27	BIN2, a new brassinosteroid-insensitive locus in Arabidopsis. <i>Plant Physiology</i> , <b>2001</b> , 127, 14-22	6.6	356
26	A role for flavin monooxygenase-like enzymes in auxin biosynthesis. <i>Science</i> , <b>2001</b> , 291, 306-9	33.3	885
25	BRI1 is a critical component of a plasma-membrane receptor for plant steroids. <i>Nature</i> , <b>2001</b> , 410, 380-350.4	635	
24	Brassinosteroid signal transduction: still casting the actors. <i>Current Opinion in Plant Biology</i> , <b>2000</b> , 3, 79-84	9.9	114
23	Phytobilin biosynthesis: the Synechocystis sp. PCC 6803 heme oxygenase-encoding ho1 gene complements a phytochrome-deficient Arabidopsis thaliana hy1 mutant. <i>Plant Molecular Biology</i> , <b>2000</b> , 43, 113-20	4.6	25
22	Brassinosteroid-insensitive-1 is a ubiquitously expressed leucine-rich repeat receptor serine/threonine kinase. <i>Plant Physiology</i> , <b>2000</b> , 123, 1247-56	6.6	376
21	Activation tagging in Arabidopsis. <i>Plant Physiology</i> , <b>2000</b> , 122, 1003-13	6.6	813
20	RSF1, an Arabidopsis locus implicated in phytochrome A signaling. <i>Plant Physiology</i> , <b>2000</b> , 124, 39-45	6.6	105
19	Cloning of the Arabidopsis RSF1 gene by using a mapping strategy based on high-density DNA arrays and denaturing high-performance liquid chromatography. <i>Plant Cell</i> , <b>2000</b> , 12, 2485-2498	11.6	55

18	Natural variation in phytochrome signaling. <i>Seminars in Cell and Developmental Biology</i> , <b>2000</b> , 11, 523-30	7.5	27
17	Perception of brassinosteroids by the extracellular domain of the receptor kinase BRI1. <i>Science</i> , <b>2000</b> , 288, 2360-3	33.3	381
16	Interactions between hy1 and gun mutants of Arabidopsis, and their implications for plastid/nuclear signalling. <i>Plant Journal</i> , <b>2000</b> , 24, 883-94	6.9	77
15	Arabidopsis det2 is defective in the conversion of (24R)-24-methylcholest-4-En-3-one to (24R)-24-methyl-5alpha-cholestan-3-one in brassinosteroid biosynthesis. <i>Plant Physiology</i> , <b>1999</b> , 120, 833-40	6.6	134
14	The phosphoenolpyruvate/phosphate translocator is required for phenolic metabolism, palisade cell development, and plastid-dependent nuclear gene expression. <i>Plant Cell</i> , <b>1999</b> , 11, 1609-22	11.6	228
13	PKS1, a substrate phosphorylated by phytochrome that modulates light signaling in Arabidopsis. <i>Science</i> , <b>1999</b> , 284, 1539-41	33.3	371
12	Activation tagging of the floral inducer FT. <i>Science</i> , <b>1999</b> , 286, 1962-5	33.3	1126
11	dCAPS, a simple technique for the genetic analysis of single nucleotide polymorphisms: experimental applications in Arabidopsis thaliana genetics. <i>Plant Journal</i> , <b>1998</b> , 14, 387-92	6.9	589
10	An Arabidopsis mutant defective in the plastid general protein import apparatus. <i>Science</i> , <b>1998</b> , 282, 100-3	33.3	261
9	New Arabidopsis cue mutants suggest a close connection between plastid- and phytochrome regulation of nuclear gene expression. <i>Plant Physiology</i> , <b>1998</b> , 118, 803-15	6.6	96
8	Genetic interactions between phytochrome A, phytochrome B, and cryptochrome 1 during Arabidopsis development. <i>Plant Physiology</i> , <b>1998</b> , 118, 27-35	6.6	385
7	Suppressors of an Arabidopsis thaliana phyB mutation identify genes that control light signaling and hypocotyl elongation. <i>Genetics</i> , <b>1998</b> , 148, 1295-310	4	93
6	Light control of plant development. <i>Annual Review of Cell and Developmental Biology</i> , <b>1997</b> , 13, 203-29	12.6	371
5	A putative leucine-rich repeat receptor kinase involved in brassinosteroid signal transduction. <i>Cell</i> , <b>1997</b> , 90, 929-38	56.2	1285
4	DET1, a negative regulator of light-mediated development and gene expression in arabidopsis, encodes a novel nuclear-localized protein. <i>Cell</i> , <b>1994</b> , 78, 109-16	56.2	273
3	Signal transduction mutants of Arabidopsis uncouple nuclear CAB and RBCS gene expression from chloroplast development. <i>Cell</i> , <b>1993</b> , 74, 787-99	56.2	510
2	Arabidopsis thaliana mutant that develops as a light-grown plant in the absence of light. <i>Cell</i> , <b>1989</b> , 58, 991-9	56.2	422
1	Stretch-activated ion channels identified in the touch-sensitive structures of carnivorous Droseraceae plants		1

