Ferenc IstvÃ¡n Nagy

List of Publications by Year
in descending order

174 papers	18,796 citations	12330 69 h-index	12272 133 g-index
181 all docs	181 docs citations	181 times ranked	11112 citing authors

#	Article	IF	Citations
1	SUMOylation of PHYTOCHROME INTERACTING FACTOR 3 promotes photomorphogenesis in Arabidopsis thaliana. New Phytologist, 2021, 229, 2050-2061.	7.3	15
2	SUMOylation of different targets fineâ€tunes phytochrome signaling. New Phytologist, 2021, 232, 1201-1211.	7.3	5
3	Editorial: Plant Phytochromes: From Structure to Signaling and Beyond. Frontiers in Plant Science, 2021, 12, 811379.	3.6	0
4	Light Triggers the miRNA-Biogenetic Inconsistency for De-etiolated Seedling Survivability in Arabidopsis thaliana. Molecular Plant, 2020, 13, 431-445.	8.3	30
5	Differential phosphorylation of the Nâ€terminal extension regulates phytochrome B signaling. New Phytologist, 2020, 225, 1635-1650.	7.3	24
6	Thermal Reversion of Plant Phytochromes. Molecular Plant, 2020, 13, 386-397.	8.3	61
7	Differential UVR8 Signal across the Stem Controls UV-Bâ€“Induced Inflorescence Phototropism. Plant Cell, 2019, 31, 2070-2088.	6.6	35
8	A Deep Learning-Based Approach for High-Throughput Hypocotyl Phenotyping. Plant Physiology, 2019, 181, 1415-1424.	4.8	18
9	<scp>ELONGATED HYPOCOTYL</scp> 5 mediates blue light signalling to the Arabidopsis circadian clock. Plant Journal, 2018, 96, 1242-1254.	5.7	51
10	Expression of the UVR8 photoreceptor in different tissues reveals tissueâ€autonomous features of UVâ€B signalling. Plant, Cell and Environment, 2017, 40, 1104-1114.	5.7	26
11	Expression of the eRF1 translation termination factor is controlled by an autoregulatory circuit involving readthrough and nonsense-mediated decay in plants. Nucleic Acids Research, 2017, 45, gkw1303.	14.5	21
12	New insights of red lightâ€induced development. Plant, Cell and Environment, 2017, 40, 2457-2468.	5.7	44
13	Characterization of photomorphogenic responses and signaling cascades controlled by phytochromeâ€A expressed in different tissues. New Phytologist, 2016, 211, 584-598.	7.3	20
14	Highâ€level expression and phosphorylation of phytochrome B modulates flowering time in Arabidopsis. Plant Journal, 2015, 83, 794-805.	5.7	33
15	Red Light-Regulated Reversible Nuclear Localization of Proteins in Mammalian Cells and Zebrafish. ACS Synthetic Biology, 2015, 4, 951-958.	3.8	105
16	Molecular mechanisms for mediating lightâ€dependent nucleo/cytoplasmic partitioning of phytochrome photoreceptors. New Phytologist, 2015, 206, 965-971.	7.3	83
17	SUMOylation of phytochrome-B negatively regulates light-induced signaling in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11108-11113.	7.1	69
18	Natural variation reveals that intracellular distribution of ELF3 protein is associated with function in the circadian clock. ELife, 2014, 3, .	6.0	69

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19	UV-B-Responsive Association of the Arabidopsis bZIP Transcription Factor ELONGATED HYPOCOTYL5 with Target Genes, Including Its Own Promoter Â. Plant Cell, 2014, 26, 4200-4213.	6.6	171
20	Deconvoluting the interactions of phytochrome isoforms in regulating growth and development. Plant, Cell and Environment, 2014, 37, 2649-2651.	5.7	0
21	UVB-dependent changes in the expression of fast-responding early genes is modulated by huCOP1 in keratinocytes. Journal of Photochemistry and Photobiology B: Biology, 2014, 140, 215-222.	3.8	3
22	Synthesis of phycocyanobilin in mammalian cells. Chemical Communications, 2013, 49, 8970.	4.1	67
23	A red/far-red light-responsive bi-stable toggle switch to control gene expression in mammalian cells. Nucleic Acids Research, 2013, 41, e77-e77.	14.5	161
24	Comparative functional analysis of fullâ€length and Nâ€terminal fragments of phytochrome C, D and E in red lightâ€induced signaling. New Phytologist, 2013, 200, 86-96.	7.3	25
25	Phosphorylation of Phytochrome B Inhibits Light-Induced Signaling via Accelerated Dark Reversion in Arabidopsis Â Â. Plant Cell, 2013, 25, 535-544.	6.6	116
26	Intramolecular uncoupling of chromophore photoconversion from structural signaling determinants drive mutant phytochrome B photoreceptor to far-red light perception. Plant Signaling and Behavior, 2012, 7, 904-906.	2.4	2
27	The Circadian Clock-Associated Small GTPase LIGHT INSENSITIVE PERIOD1 Suppresses Light-Controlled Endoreplication and Affects Tolerance to Salt Stress in Arabidopsis Â. Plant Physiology, 2012, 161, 278-290.	4.8	8
28	Light-Regulated Gene Expression in Yeast. Methods in Molecular Biology, 2012, 813, 187-193.	0.9	4
29	Missense Mutation in the Amino Terminus of Phytochrome A Disrupts the Nuclear Import of the Photoreceptor Â Â. Plant Physiology, 2012, 158, 107-118.	4.8	11
30	A Short Amino-Terminal Part of Arabidopsis Phytochrome A Induces Constitutive Photomorphogenic Response. Molecular Plant, 2012, 5, 629-641.	8.3	22
31	Interaction with plant transcription factors can mediate nuclear import of phytochrome B. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5892-5897.	7.1	76
32	Functional interaction of the circadian clock and UV RESISTANCE LOCUSâ€ƒ8â€controlled UVâ€B signaling pathways in Arabidopsis thaliana. Plant Journal, 2011, 67, 37-48.	5.7	109
33	Perception of UV-B by the Arabidopsis UVR8 Protein. Science, 2011, 332, 103-106.	12.6	943
34	Environmental Memory from a Circadian Oscillator: The Arabidopsis thaliana Clock Differentially Integrates Perception of Photic vs. Thermal Entrainment. Genetics, 2011, 189, 655-664.	2.9	45
35	Light-Regulated Nuclear Import and Degradation of Arabidopsis Phytochrome-A N-Terminal Fragments. Plant and Cell Physiology, 2011, 52, 361-372.	3.1	20
36	A DELLA in Disguise: SPATULA Restrains the Growth of the DevelopingArabidopsisSeedling Â. Plant Cell, 2011, 23, 1337-1351.	6.6	77

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37	A Reduced-Function Allele Reveals That EARLY FLOWERING3 Repressive Action on the Circadian Clock Is Modulated by Phytochrome Signals in Arabidopsis Â Â. Plant Cell, 2011, 23, 3230-3246.	6.6	95
38	Altered Dark- and Photoconversion of Phytochrome B Mediate Extreme Light Sensitivity and Loss of Photoreversibility of the phyB-401 Mutant. PLoS ONE, 2011, 6, e27250.	2.5	33
39	Quantitative analysis of regulatory flexibility under changing environmental conditions. Molecular Systems Biology, 2010, 6, 424.	7.2	99
40	COP1 Contributes to UVB-Induced Signaling in Human Keratinocytes. Journal of Investigative Dermatology, 2010, 130, 541-545.	0.7	6
41	An Integrative Model for Phytochrome B Mediated Photomorphogenesis: From Protein Dynamics to Physiology. PLoS ONE, 2010, 5, e10721.	2.5	84
42	Genetic Analyses of Interactions among Gibberellin, Abscisic Acid, and Brassinosteroids in the Control of Flowering Time in Arabidopsis thaliana. PLoS ONE, 2010, 5, e14012.	2.5	110
43	Functional Analysis of Amino-Terminal Domains of the Photoreceptor Phytochrome B Â Â. Plant Physiology, 2010, 153, 1834-1845.	4.8	39
44	A cellâ€free system for lightâ€dependent nuclear import of phytochrome. Plant Journal, 2009, 57, 680-689.	5.7	28
45	Interaction of COP1 and UVR8 regulates UV-B-induced photomorphogenesis and stress acclimation in Arabidopsis. EMBO Journal, 2009, 28, 591-601.	7.8	559
46	IntegratingELF4into the circadian system through combined structural and functional studies. HFSP Journal, 2009, 3, 350-366.	2.5	99
47	A switchable light-input, light-output system modelled and constructed in yeast. Journal of Biological Engineering, 2009, 3, 15.	4.7	38
48	Inter-kingdom conservation of mechanism of nonsense-mediated mRNA decay. EMBO Journal, 2008, 27, 1585-1595.	7.8	156
49	Identification of a novel cis-regulatory element for UV-B-induced transcription in Arabidopsis. Plant Journal, 2008, 54, 402-414.	5.7	51
50	A New Gene for Auxin Synthesis. Cell, 2008, 133, 31-32.	28.9	20
51	Attenuation of brassinosteroid signaling enhancesFLCexpression and delays flowering. Development (Cambridge), 2007, 134, 2841-2850.	2.5	138
52	ELF4 Is Required for Oscillatory Properties of the Circadian Clock. Plant Physiology, 2007, 144, 391-401.	4.8	133
53	Light-regulated nucleo-cytoplasmic partitioning of phytochromes. Journal of Experimental Botany, 2007, 58, 3113-3124.	4.8	57
54	Functional cross-talk between two-component and phytochrome B signal transduction in Arabidopsis. Journal of Experimental Botany, 2007, 58, 2595-2607.	4.8	64

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55	Arabidopsis thaliana Circadian Clock Is Regulated by the Small GTPase LIP1. Current Biology, 2007, 17, 1456-1464.	3.9	36
56	MÃ¶ssbauer and XRD study of pulse plated Feâ€“P and Feâ€“Ni thin layers. Hyperfine Interactions, 2007, 165, 195-201.	0.5	3
57	Experimental validation of a predicted feedback loop in the multiâ€oscillator clock of Arabidopsis thaliana. Molecular Systems Biology, 2006, 2, 59.	7.2	379
58	Multiple phytohormones influence distinct parameters of the plant circadian clock. Genes To Cells, 2006, 11, 1381-1392.	1.2	177
59	Diurnal Regulation of the Brassinosteroid-Biosynthetic CPD Gene in Arabidopsis. Plant Physiology, 2006, 141, 299-309.	4.8	83
60	Forward Genetic Analysis of the Circadian Clock Separates the Multiple Functions of ZEITLUPE. Plant Physiology, 2006, 140, 933-945.	4.8	90
61	CONSTITUTIVELY PHOTOMORPHOGENIC1 Is Required for the UV-B Response in Arabidopsis. Plant Cell, 2006, 18, 1975-1990.	6.6	338
62	PHYSIOLOGICAL BASIS OF PHOTOMORPHOGENESIS. , 2006, , 13-23.		3
63	GENETIC BASIS AND MOLECULAR MECHANISMS OF SIGNAL TRANSDUCTION FOR PHOTOMORPHOGENESIS. , 2006, , 33-39.		3
64	HISTORICAL OVERVIEW OF MOLECULAR BIOLOGY AND GENETICS IN PHOTOMORPHOGENESIS. , 2006, , 25-32.		0
65	Nuclear Accumulation of the Phytochrome A Photoreceptor Requires FHY1. Current Biology, 2005, 15, 2125-2130.	3.9	140
66	Signalling and gene regulation in response to ultraviolet light. Current Opinion in Plant Biology, 2005, 8, 477-482.	7.1	184
67	Light-Activated Intracellular Movement of Phytochrome. , 2005, , 197-210.		2
68	Phytochrome and COP1 Regulates Abundance of Phytochrome Interacting Factor 3. , 2005, , 261-268.		0
69	Analysis of the Function of the Photoreceptors Phytochrome B and Phytochrome D in Nicotiana plumbaginifolia and Arabidopsis thaliana. Plant and Cell Physiology, 2005, 46, 790-796.	3.1	10
70	Natural Allelic Variation in the Temperature-Compensation Mechanisms of the Arabidopsis thaliana Circadian ClockSequence data from this article have been deposited with the EMBL/GenBank Data Libraries under accession nos. AY685131 and AY685132.. Genetics, 2005, 170, 387-400.	2.9	153
71	Functional Characterization of Phytochrome Interacting Factor 3 for the Arabidopsis thaliana Circadian Clockwork. Plant and Cell Physiology, 2005, 46, 1591-1602.	3.1	36
72	Phytochrome-Specific Type 5 Phosphatase Controls Light Signal Flux by Enhancing Phytochrome Stability and Affinity for a Signal Transducer. Cell, 2005, 120, 395-406.	28.9	148

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73	Plant Circadian Clocks Increase Photosynthesis, Growth, Survival, and Competitive Advantage. Science, 2005, 309, 630-633.	12.6	1,302
74	Regulation of Nuclear Import and Export of Proteins in Plants and Its Role in Light Signal Transduction. , 2005, , 100-117.		1
75	Phytochrome Phosphorylation Modulates Light Signaling by Influencing the Proteinâ€“Protein Interaction[W]. Plant Cell, 2004, 16, 2629-2640.	6.6	98
76	Phytohormones Participate in an S6 Kinase Signal Transduction Pathway in Arabidopsis. Plant Physiology, 2004, 134, 1527-1535.	4.8	106
77	Genome-wide analysis of gene expression reveals function of the bZIP transcription factor HY5 in the UV-B response of Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1397-1402.	7.1	447
78	Constitutive Photomorphogenesis 1 and Multiple Photoreceptors Control Degradation of Phytochrome Interacting Factor 3, a Transcription Factor Required for Light Signaling in Arabidopsis. Plant Cell, 2004, 16, 1433-1445.	6.6	396
79	Characterization of two Myb-like transcription factors binding to CAB promoters in wheat and barley. Plant Molecular Biology, 2003, 52, 447-462.	3.9	22
80	Light perception and signalling in higher plants. Current Opinion in Plant Biology, 2003, 6, 446-452.	7.1	188
81	Phytochrome controlled signalling cascades in higher plants. Physiologia Plantarum, 2003, 117, 305-313.	5.2	22
82	The Serine-Rich N-Terminal Domain of Oat Phytochrome A Helps Regulate Light Responses and Subnuclear Localization of the Photoreceptor. Plant Physiology, 2002, 129, 1127-1137.	4.8	62
83	Nucleocytoplasmic Partitioning of the Plant Photoreceptors Phytochrome A, B, C, D, and E Is Regulated Differentially by Light and Exhibits a Diurnal Rhythm. Plant Cell, 2002, 14, 1541-1555.	6.6	285
84	Missense Mutation in the PAS2 Domain of Phytochrome A Impairs Subnuclear Localization and a Subset of Responses. Plant Cell, 2002, 14, 1591-1603.	6.6	69
85	PHYTOCHROMESCONTROLPHOTOMORPHOGENESIS BYDIFFERENTIALLYREGULATED, INTERACTINGSIGNALINGPATHWAYS INHIGHERPLANTS. Annual Review of Plant Biology, 2002, 53, 329-355.	18.7	278
86	Regulation of Transcript Levels of the Arabidopsis Cytochrome P450 Genes Involved in Brassinosteroid Biosynthesis. Plant Physiology, 2002, 130, 504-513.	4.8	190
87	Characterisation of BRH1 , a brassinosteroid-responsive RING-H2 gene from Arabidopsis thaliana. Planta, 2002, 215, 127-133.	3.2	60
88	Plant RanGAPs are localized at the nuclear envelope in interphase and associated with microtubules in mitotic cells. Plant Journal, 2002, 30, 699-709.	5.7	93
89	Distinct regulation ofCABandPHYBgene expression by similar circadian clocks. Plant Journal, 2002, 32, 529-537.	5.7	72
90	The ELF4 gene controls circadian rhythms and flowering time in Arabidopsis thaliana. Nature, 2002, 419, 74-77.	27.8	436

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91	Conditional Circadian Regulation of PHYTOCHROME AGene Expression. Plant Physiology, 2001, 127, 1808-1818.	4.8	75
92	Interaction of the Response Regulator ARR4 with Phytochrome B in Modulating Red Light Signaling. Science, 2001, 294, 1108-1111.	12.6	299
93	Circadian Clock-Regulated Expression of Phytochrome and Cryptochrome Genes in Arabidopsis. Plant Physiology, 2001, 127, 1607-1616.	4.8	244
94	Signal Transduction in Photomorphogenesis: Intracellular Partitioning of Factors and Photoreceptors. , 2001, , 19-24.		1
95	Light-induced nuclear import of phytochrome-A:GFP fusion proteins is differentially regulated in transgenic tobacco and Arabidopsis. Plant Journal, 2000, 22, 125-133.	5.7	120
96	Photocontrol of subcellular partitioning of phytochrome-B:GFP fusion protein in tobacco seedlings. Plant Journal, 2000, 22, 135-145.	5.7	74
97	UV-B radiation induced exchange of the D1 reaction centre subunits produced from the psbA2 and psbA3 genes in the cyanobacterium Synechocystis sp. PCC 6803. FEBS Journal, 2000, 267, 2640-2648.	0.2	31
98	Control of nuclear import and phytochromes. Current Opinion in Plant Biology, 2000, 3, 450-454.	7.1	19
99	UV-B induced differential transcription of psbD genes encoding the D2 protein of Photosystem II in the cyanobacterium Synechocystis 6803. Photosynthesis Research, 2000, 64, 257-266.	2.9	16
100	Short- and long-term redox regulation of photosynthetic light energy distribution and photosystem stoichiometry by acetate metabolism in the green alga, Chlamydobotrys stellata. Photosynthesis Research, 2000, 65, 231-247.	2.9	31
101	Nuclear and cytosolic events of light-induced, phytochrome-regulated signaling in higher plants. EMBO Journal, 2000, 19, 157-163.	7.8	81
102	Nucleo-cytoplasmic partitioning of the plant photoreceptors phytochromes. Seminars in Cell and Developmental Biology, 2000, 11, 505-510.	5.0	65
103	Light Qualityâ€"Dependent Nuclear Import of the Plant Photoreceptors Phytochrome A and B. Plant Cell, 1999, 11, 1445-1456.	6.6	338
104	The circadian clock controls the expression pattern of the circadian input photoreceptor, phytochrome B. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 14652-14657.	7.1	136
105	Plant responses to genotoxic stress are linked to an ABA/salinity signaling pathway. Plant Journal, 1999, 17, 73-82.	5.7	45
106	Phytochromes, pif3 and light signalling go nuclear. Trends in Plant Science, 1999, 4, 125-126.	8.8	5
107	Light Quality-Dependent Nuclear Import of the Plant Photoreceptors Phytochrome A and B. Plant Cell, 1999, 11, 1445.	6.6	197
108	The alpha-subunit of a heterotrimeric G-protein from tobacco, NtGP[IMAGE]1, functions in K+ channel regulation in mesophyll cells. Journal of Experimental Botany, 1999, 50, 53-61.	4.8	13

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109	Transcription of Arabidopsis and wheat Cab genes in single tobacco transgenic seedlings exhibits independent rhythms in a developmentally regulated fashion. Plant Journal, 1998, 13, 563-569.	5.7	36
110	Transcription of the Arabidopsis CPD gene, encoding a steroidogenic cytochrome P450, is negatively controlled by brassinosteroids. Plant Journal, 1998, 14, 593-602.	5.7	221
111	UV-B-induced Differential Transcription of psbAGenes Encoding the D1 Protein of Photosystem II in the Cyanobacterium Synechocystis 6803. Journal of Biological Chemistry, 1998, 273, 17439-17444.	3.4	89
112	A Heat-Sensitive Arabidopsis thaliana Kinase Substitutes for Human p70 s6k Function In Vivo. Molecular and Cellular Biology, 1998, 18, 2038-2044.	2.3	66
113	Light-induced expression of fatty acid desaturase genes. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4209-4214.	7.1	89
114	UV-B Induced Differential Transcription of psbD Genes Encoding the D2 Protein of Photosystem II in the Cyano-Bacterium Synechocystis sp. PCC 6803. , 1998, , 2341-2344.		2
115	UV-B Induced Differential Transcription of psbA Genes Encoding the D1 Protein of Photosystem II in the Cyano-Bacterium Synechocystis 6803. , 1998, , 2337-2340.		0
116	Nuclear import of proteins: putative import factors and development of in vitro import systems in higher plants. Trends in Plant Science, 1997, 2, 458-464.	8.8	29
117	Kaposiâ€™s sarcomaâ€“associated herpesvirus/human herpesvirus-8: A new virus in human pathology. Journal of the American Academy of Dermatology, 1997, 37, 107-113.	1.2	44
118	Title is missing!. Photosynthesis Research, 1997, 54, 55-62.	2.9	109
119	Tobacco phytochromes: genes, structure and expression. Plant, Cell and Environment, 1997, 20, 678-684.	5.7	25
120	Characterization of proteins that interact with the GTP-bound form of the regulatory GTPase Ran in Arabidopsis. Plant Journal, 1997, 11, 93-103.	5.7	115
121	Human herpesvirus 8 DNA sequences in angiosarcoma of the face. British Journal of Dermatology, 1997, 137, 467-468.	1.5	17
122	HHV8 DNA in angiolymphoid hyperplasia of the skin. Lancet, The, 1996, 347, 1837.	13.7	49
123	Brassinosteroids Rescue the Deficiency of CYP90, a Cytochrome P450, Controlling Cell Elongation and De-etiolation in Arabidopsis. Cell, 1996, 85, 171-182.	28.9	963
124	The Tissue-Specific Expression of a Tobacco Phytochrome B Gene. Plant Physiology, 1996, 110, 1081-1088.	4.8	38
125	A plant in vitro system for the nuclear import of proteins. Plant Journal, 1996, 10, 1177-1186.	5.7	66
126	Herpesvirus-Like Nucleic Acid Sequences in Patients with Eastern European Sporadic Kaposi's Sarcoma. Journal of Investigative Dermatology, 1996, 106, 381.	0.7	15

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127	Herpesvirus-Like DNA Sequence in Angiosarcoma in a Patient without HIV Infection. New England Journal of Medicine, 1996, 334, 540-541.	27.0	60
128	Expression of tobacco genes for light-harvesting chlorophyll a/b binding proteins of photosystem II is controlled by two circadian oscillators in a developmentally regulated fashion.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 2174-2178.	7.1	32
129	Transcription of tobacco phytochrome-A genes initiates at multiple start sites and requires multiple cis-acting regulatory elements. Plant Molecular Biology, 1995, 29, 983-993.	3.9	17
130	Molecular characterization and expression of a tobacco histone H1 cDNA. Plant Molecular Biology, 1995, 27, 597-605.	3.9	21
131	Characterization of Membrane-Bound Small GTP-Binding Proteins from Nicotiana tabacum. Plant Physiology, 1995, 108, 59-67.	4.8	39
132	Ribosome-deficient plastids affect transcription of light-induced nuclear genes: genetic evidence for a plastid-derived signal. Molecular Genetics and Genomics, 1994, 242, 305-312.	2.4	118
133	Developmental, hormonal, and pathogenesis-related regulation of the tobacco class I Î²-1,3-glucanase B promoter. Plant Molecular Biology, 1994, 25, 299-311.	3.9	73
134	Evidence for a role of beta-1,3-glucanase in dicot seed germination. Plant Journal, 1994, 5, 273-278.	5.7	79
135	The developmental and tissue-specific expression of tobacco phytochrome-A genes. Plant Journal, 1994, 6, 283-293.	5.7	43
136	Phenotype of the fission yeast cell cycle regulatory mutant pim1-46 is suppressed by a tobacco cDNA encoding a small, Ran-like GTP-binding protein. Plant Journal, 1994, 6, 555-565.	5.7	64
137	The molecular biology of photoregulated genes. , 1994, , 559-599.		21
138	A 61 bp enhancer element of the tobacco Î²-1,3-glucanase B gene interacts with one or more regulated nuclear proteins. Plant Molecular Biology, 1993, 21, 121-131.	3.9	95
139	The circadian oscillator is regulated by a very low fluence response of phytochrome in wheat.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6290-6294.	7.1	32
140	Sequence of a Tobacco (Nicotiana tabacum) Gene Coding for Type A Phytochrome. Plant Physiology, 1993, 101, 1407-1408.	4.8	24
141	Molecular characterization of tobacco cDNAs encoding two small GTP-binding proteins. Plant Molecular Biology, 1992, 19, 847-857.	3.9	39
142	Diurnal Fluctuations in the Content and Functional Properties of the Light Harvesting Chlorophyll a/b Complex in Thylakoid Membranes. Plant Physiology, 1991, 95, 997-1003.	4.8	45
143	A 268 bp upstream sequence mediates the circadian clock-regulated transcription of the wheat Cab-1 gene in transgenic plants. Plant Molecular Biology, 1990, 15, 921-932.	3.9	65
144	Multiple cis Regulatory Elements for Maximal Expression of the Cauliflower Mosaic Virus 35S Promoter in Transgenic Plants. Plant Cell, 1989, 1, 141.	6.6	64

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145	Plant molecular biology at the Institute of Plant Physiology in Szeged. Plant Molecular Biology Reporter, 1989, 7, 297-301.	1.8	0
146	Gene regulation by phytochrome. Trends in Genetics, 1988, 4, 37-42.	6.7	129
147	Sequence of thepsbAgene from wild type and triazin-resistantNicotiana plumbaginifolia. Nucleic Acids Research, 1988, 16, 8176-8176.	14.5	26
148	Analysis of gene expression in transgenic plants. , 1988, , 275-303.		46
149	A circadian clock regulates transcription of the wheat Cab-1 gene. Genes and Development, 1988, 2, 376-382.	5.9	158
150	Transgenic Plants of Brassica napus L.. Nature Biotechnology, 1987, 5, 815-817.	17.5	86
151	Plant cells do not properly recognize animal gene polyadenylation signals. Plant Molecular Biology, 1987, 8, 23-35.	3.9	62
152	Targeting of bacterial chloramphenicol acetyltransferase to mitochondria in transgenic plants. Nature, 1987, 328, 340-342.	27.8	159
153	The Beta Subunit of a Plant Mitochondrial ATP Synthase has a Presequence Involved in Mitochondrial Targeting. , 1987, , 127-134.		4
154	Cis -acting elements for selective expression of two photosynthetic genes in transgenic plants. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1986, 314, 493-500.	2.3	24
155	The Rubisco small subunit gene as a paradigm for studies on differential gene expression during plant development. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1986, 313, 409-417.	2.3	9
156	Phytochrome-controlled expression of a wheat Cab gene in transgenic tobacco seedlings. EMBO Journal, 1986, 5, 1119-1124.	7.8	77
157	Organ-Specific and Light-Induced Expression of Plant Genes. Science, 1986, 232, 1106-1112.	12.6	324
158	A light sensitive recipient for the effective transfer of chloroplast and mitochondrial traits by protoplast fusion in Nicotiana. Theoretical and Applied Genetics, 1985, 70, 590-594.	3.6	29
159	Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter. Nature, 1985, 313, 810-812.	27.8	1,333
160	A short conserved sequence is involved in the light-inducibility of a gene encoding ribulose 1,5-bisphosphate carboxylase small subunit of pea. Nature, 1985, 315, 200-204.	27.8	204
161	Light-regulated and organ-specific expression of a wheat Cab gene in transgenic tobacco. Nature, 1985, 316, 750-752.	27.8	131
162	PROPERTIES OF EXPRESSION OF THE 35S PROMOTER FROM CaMV IN TRANSGENIC TOBACCO PLANTS. , 1985, , 227-235.		16

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163	Interspecific protoplast fusion to rescue a cytoplasmic lincomycin resistance mutation into fertile Nicotiana plumbaginifolia plants. Molecular Genetics and Genomics, 1984, 198, 7-11.	2.4	32
164	Transfer of cytoplasmic male sterility by selection for streptomycin resistance after protoplast fusion in Nicotiana. Molecular Genetics and Genomics, 1983, 189, 365-369.	2.4	57
165	Cytoplast-protoplast fusion for interspecific chloroplast transfer in Nicotiana. Molecular Genetics and Genomics, 1982, 185, 211-215.	2.4	100
166	CELL CULTURE MUTANTS AND THEIR USES. , 1982, , 221-237.		14
167	EFFECT OF RADIATION DOSAGE ON EFFICIENCY OF CHLOROPLAST TRANSFER BY PROTOPLAST FUSION IN NICOTIANA. Genetics, 1982, 100, 487-495.	2.9	109
168	Streptomycin resistant and sensitive somatic hybrids of Nicotiana tabacum + Nicotiana knightiana: correlation of resistance to N. tabacum plastids. Theoretical and Applied Genetics, 1981, 59, 191-195.	3.6	360
169	Extensive rearrangements in the mitochondrial DNA in somatic hybrids of Nicotiana tabacum and Nicotiana knightiana. Molecular Genetics and Genomics, 1981, 183, 437-439.	2.4	93
170	Chloroplast transfer in Nicotiana based on metabolic complementation between irradiated and iodoacetate treated protoplasts. Planta, 1981, 152, 341-345.	3.2	162
171	5-Bromodeoxyuridine-resistant tobacco cells incorporating the analogue into DNA. Plant Science Letters, 1978, 12, 333-341.	1.8	3
172	Transient cycloheximide resistance in a tobacco cell line. Molecular Genetics and Genomics, 1976, 149, 267-271.	2.4	50
173	Phytochromes. , 0, , 3-16.		1
174	INTRACELLULAR LOCALIZATION OF PHYTOCHROMES. , 0, , 155-170.		3