

# Hong Gil Nam

## List of Publications by Year in descending order

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129  
papers

14,805  
citations

22153

59  
h-index

19190

118  
g-index

132  
all docs

132  
docs citations

132  
times ranked

13589  
citing authors

#	ARTICLE	IF	CITATIONS
1	The core circadian component, Bmal1, is maintained in the pineal gland of old killifish brain. <i>IScience</i> , 2021, 24, 101905.	4.1	7
2	<i>Verticillium dahliae</i> secretory effector PevD1 induces leaf senescence by promoting ORE1-mediated ethylene biosynthesis. <i>Molecular Plant</i> , 2021, 14, 1901-1917.	8.3	33
3	Spatial localization of charged molecules by salt ions in oil-confined water microdroplets. <i>Science Advances</i> , 2020, 6, .	10.3	29
4	Restricted intramolecular rotation of fluorescent molecular rotors at the periphery of aqueous microdroplets in oil. <i>Scientific Reports</i> , 2020, 10, 16859.	3.3	22
5	Subcellular Localization of GIGANTEA Regulates the Timing of Leaf Senescence and Flowering in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 589707.	3.6	8
6	Concurrent activation of <i>OsAMT1;2</i> and <i>OsGOGAT1</i> in rice leads to enhanced nitrogen use efficiency under nitrogen limitation. <i>Plant Journal</i> , 2020, 103, 7-20.	5.7	76
7	<i>OsASN1</i> Overexpression in Rice Increases Grain Protein Content and Yield under Nitrogen-Limiting Conditions. <i>Plant and Cell Physiology</i> , 2020, 61, 1309-1320.	3.1	39
8	Natural variations at the Stay-Green gene promoter control lifespan and yield in rice cultivars. <i>Nature Communications</i> , 2020, 11, 2819.	12.8	62
9	ATM suppresses leaf senescence triggered by DNA double-strand break through epigenetic control of senescence-associated genes in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2020, 227, 473-484.	7.3	28
10	Unusual Properties of Water at Heterogeneous Biological Interfaces. <i>Biophysical Journal</i> , 2020, 118, 476a.	0.5	1
11	A cellular surveillance and defense system that delays aging phenotypes in <i>C. elegans</i> . <i>Aging</i> , 2020, 12, 8202-8220.	3.1	3
12	Spontaneous generation of hydrogen peroxide from aqueous microdroplets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19294-19298.	7.1	287
13	Micrometer-Sized Water Droplets Induce Spontaneous Reduction. <i>Journal of the American Chemical Society</i> , 2019, 141, 10585-10589.	13.7	205
14	Diet restriction-induced healthy aging is mediated through the immune signaling component ZIPK in <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2019, 18, e12982.	6.7	12
15	Glutamate decarboxylase 67 contributes to compensatory insulin secretion in aged pancreatic islets. <i>Islets</i> , 2019, 11, 33-43.	1.8	6
16	Temporal changes in cell division rate and genotoxic stress tolerance in quiescent center cells of <i>Arabidopsis</i> primary root apical meristem. <i>Scientific Reports</i> , 2019, 9, 3599.	3.3	20
17	Leaf Senescence: Systems and Dynamics Aspects. <i>Annual Review of Plant Biology</i> , 2019, 70, 347-376.	18.7	339
18	Spontaneous formation of gold nanostructures in aqueous microdroplets. <i>Nature Communications</i> , 2018, 9, 1562.	12.8	124

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19	Comparative transcriptome analysis in <i>Arabidopsis ein2/ore3</i> and <i>ahk3/ore12</i> mutants during dark-induced leaf senescence. <i>Journal of Experimental Botany</i> , 2018, 69, 3023-3036.	4.8	31
20	The C-Domain of the NAC Transcription Factor ANAC019 Is Necessary for pH-Tuned DNA Binding through a Histidine Switch in the N-Domain. <i>Cell Reports</i> , 2018, 22, 1141-1150.	6.4	11
21	Abiotic synthesis of purine and pyrimidine ribonucleosides in aqueous microdroplets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 36-40.	7.1	98
22	A missense allele of <i>KARRIKIN-INSENSITIVE2</i> impairs ligand-binding and downstream signaling in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2018, 69, 3609-3623.	4.8	26
23	Abiotic Fabrication of Sugar Phosphates and Ribonucleosides in Water Microdroplets. <i>Biophysical Journal</i> , 2018, 114, 438a.	0.5	0
24	Time-evolving genetic networks reveal a NAC trioka that negatively regulates leaf senescence in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4930-E4939.	7.1	106
25	ORESARA15, a PLATZ transcription factor, mediates leaf growth and senescence in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2018, 220, 609-623.	7.3	55
26	Circadian control of <i>ORE1</i> by <i>PRR9</i> positively regulates leaf senescence in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8448-8453.	7.1	99
27	Antagonistic Roles of <i>PhyA</i> and <i>PhyB</i> in Far-Red Light-Dependent Leaf Senescence in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2018, 59, 1753-1764.	3.1	37
28	MicroRNAs in brain aging. <i>Mechanisms of Ageing and Development</i> , 2017, 168, 3-9.	4.6	51
29	Microdroplet fusion mass spectrometry: accelerated kinetics of acid-induced chlorophyll demetallation. <i>Quarterly Reviews of Biophysics</i> , 2017, 50, e2.	5.7	36
30	Brassinosteroid Biosynthesis Is Modulated via a Transcription Factor Cascade of <i>COG1</i> , <i>PIF4</i> , and <i>PIF5</i> . <i>Plant Physiology</i> , 2017, 174, 1260-1273.	4.8	55
31	Abiotic production of sugar phosphates and uridine ribonucleoside in aqueous microdroplets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12396-12400.	7.1	166
32	Molecular bases for differential aging programs between flag and second leaves during grain-filling in rice. <i>Scientific Reports</i> , 2017, 7, 8792.	3.3	21
33	The Protein Trio <i>RPK1</i> - <i>CaM4</i> - <i>RbohF</i> Mediates Transient Superoxide Production to Trigger Age-Dependent Cell Death in <i>Arabidopsis</i> . <i>Cell Reports</i> , 2017, 21, 3373-3380.	6.4	34
34	High-Throughput and Computational Study of Leaf Senescence through a Phenomic Approach. <i>Frontiers in Plant Science</i> , 2017, 8, 250.	3.6	15
35	Downregulation of protein kinase <i>CK2</i> activity induces age-related biomarkers in <i>C. elegans</i> . <i>Oncotarget</i> , 2017, 8, 36950-36963.	1.8	17
36	RNA helicase <i>SACY-1</i> is required for longevity caused by various genetic perturbations in <i>Caenorhabditis elegans</i> . <i>Cell Cycle</i> , 2016, 15, 1821-1829.	2.6	11

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37	High-Resolution Live-Cell Imaging and Analysis by Laser Desorption/Ionization Droplet Delivery Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 5453-5461.	6.5	70
38	Toward Systems Understanding of Leaf Senescence: An Integrated Multi-Omics Perspective on Leaf Senescence Research. <i>Molecular Plant</i> , 2016, 9, 813-825.	8.3	153
39	miR-204 downregulates EphB2 in aging mouse hippocampal neurons. <i>Aging Cell</i> , 2016, 15, 380-388.	6.7	46
40	Regulatory network of NAC transcription factors in leaf senescence. <i>Current Opinion in Plant Biology</i> , 2016, 33, 48-56.	7.1	210
41	<scp>NORE1</scp>/<scp>SAUL1</scp> integrates temperature-dependent defense programs involving <scp>SGT1b</scp> and <scp>PAD4</scp> pathways and leaf senescence in <i>Arabidopsis</i>. <i>Physiologia Plantarum</i> , 2016, 158, 180-199.	5.2	19
42	Programming of Plant Leaf Senescence with Temporal and Inter-Organellar Coordination of Transcriptome in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2016, 171, 452-467.	4.8	121
43	Age-associated circadian period changes in <i>Arabidopsis</i> leaves. <i>Journal of Experimental Botany</i> , 2016, 67, 2665-2673.	4.8	57
44	The short-lived African turquoise killifish: an emerging experimental model for ageing. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 115-129.	2.4	102
45	Acceleration of reaction in charged microdroplets. <i>Quarterly Reviews of Biophysics</i> , 2015, 48, 437-444.	5.7	204
46	Inhibition of elongin C promotes longevity and protein homeostasis via <scp>HIF</scp> in <i>C. elegans</i>. <i>Aging Cell</i> , 2015, 14, 995-1002.	6.7	22
47	A new selective "turn-on" small fluorescent cationic probe for recognition of RNA in cells. <i>Supramolecular Chemistry</i> , 2015, 27, 478-483.	1.2	9
48	Imaging a specific mRNA in pollen with atomic force microscopy. <i>RSC Advances</i> , 2015, 5, 18858-18865.	3.6	5
49	Rootin, a compound that inhibits root development through modulating PIN-mediated auxin distribution. <i>Plant Science</i> , 2015, 233, 116-126.	3.6	5
50	A salt-regulated peptide derived from the CAP superfamily protein negatively regulates salt-stress tolerance in <i>Arabidopsis</i>. <i>Journal of Experimental Botany</i> , 2015, 66, 5301-5313.	4.8	74
51	RNA helicase HEL-1 promotes longevity by specifically activating DAF-16/FOXO transcription factor signaling in <i>Caenorhabditis elegans</i>. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4246-55.	7.1	34
52	Simultaneous imaging of the topography and electrochemical activity of a 2D carbon nanotube network using a dual functional L-shaped nanoprobe. <i>Analyst</i> , 2015, 140, 3150-3156.	3.5	5
53	Microdroplet fusion mass spectrometry for fast reaction kinetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3898-3903.	7.1	197
54	Spatial and temporal coordination of insulin granule exocytosis in intact human pancreatic islets. <i>Diabetologia</i> , 2015, 58, 2810-2818.	6.3	30

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55	Gene duplication of type-B ARR transcription factors systematically extends transcriptional regulatory structures in Arabidopsis. <i>Scientific Reports</i> , 2015, 4, 7197.	3.3	9
56	Meeting Report: International Symposium on the Genetics of Aging and Life History II. <i>Aging</i> , 2015, 7, 362-369.	3.1	2
57	Quantitative Peptidomics Study Reveals That a Wound-Induced Peptide from PR-1 Regulates Immune Signaling in Tomato. <i>Plant Cell</i> , 2014, 26, 4135-4148.	6.6	155
58	The homeodomain leucine zipper <i>ATHB23</i> , a phytochrome interacting protein, is important for phytochrome-mediated red light signaling. <i>Physiologia Plantarum</i> , 2014, 150, 308-320.	5.2	27
59	Young capillary vessels rejuvenate aged pancreatic islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17612-17617.	7.1	79
60	Gene regulatory cascade of senescence-associated NAC transcription factors activated by ETHYLENE-INSENSITIVE2-mediated leaf senescence signalling in Arabidopsis. <i>Journal of Experimental Botany</i> , 2014, 65, 4023-4036.	4.8	245
61	How Do Phytochromes Transmit the Light Quality Information to the Circadian Clock in Arabidopsis?. <i>Molecular Plant</i> , 2014, 7, 1701-1704.	8.3	44
62	Precise Expression Profiling by Stuffer-Free Multiplex Ligation-Dependent Probe Amplification. <i>Analytical Chemistry</i> , 2013, 85, 9383-9389.	6.5	5
63	Plant leaf senescence and death regulation by multiple layers of control and implications for aging in general. <i>Journal of Cell Science</i> , 2013, 126, 4823-33.	2.0	263
64	Age-dependent changes in the functions and compositions of photosynthetic complexes in the thylakoid membranes of Arabidopsis thaliana. <i>Photosynthesis Research</i> , 2013, 117, 547-556.	2.9	61
65	BNIP3 is degraded by ULK1-dependent autophagy via MTORC1 and AMPK. <i>Autophagy</i> , 2013, 9, 345-360.	9.1	52
66	Selective Fluorescent Detection of RNA in Living Cells by Using Imidazolium-Based Cyclophane. <i>Journal of the American Chemical Society</i> , 2013, 135, 90-93.	13.7	95
67	Balanced Nucleocytosolic Partitioning Defines a Spatial Network to Coordinate Circadian Physiology in Plants. <i>Developmental Cell</i> , 2013, 26, 73-85.	7.0	28
68	Towards a critical understanding of the photosystem II repair mechanism and its regulation during stress conditions. <i>FEBS Letters</i> , 2013, 587, 3372-3381.	2.8	140
69	ORE1 balances leaf senescence against maintenance by antagonizing G2A-mediated transcription. <i>EMBO Reports</i> , 2013, 14, 382-388.	4.5	155
70	Rapamycin inhibits both motility through down-regulation of p-STAT3 (S727) by disrupting the mTORC2 assembly and peritoneal dissemination in sarcomatoid cholangiocarcinoma. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 177-187.	3.3	24
71	Loss of function of <i>O</i> s <i>STN8</i> suppresses the photosystem II core protein phosphorylation and interferes with the photosystem II repair mechanism in rice ( <i>Oryza sativa</i> ). <i>Plant Journal</i> , 2013, 76, 675-686.	5.7	38
72	Polarization-Controlled Photoswitching Resolves Dipole Directions with Subwavelength Resolution. <i>Physical Review Letters</i> , 2012, 109, 248101.	7.8	7

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73	GIGANTEA and EARLY FLOWERING 4 in Arabidopsis Exhibit Differential Phase-Specific Genetic Influences over a Diurnal Cycle. <i>Molecular Plant</i> , 2012, 5, 678-687.	8.3	50
74	Leaf Senescence in Plants: From Model Plants to Crops, Still so Many Unknowns. <i>Journal of Integrative Plant Biology</i> , 2012, 54, 514-515.	8.5	23
75	OASIS: Online Application for the Survival Analysis of Lifespan Assays Performed in Aging Research. <i>PLoS ONE</i> , 2011, 6, e23525.	2.5	259
76	Age-Dependent Action of an ABA-Inducible Receptor Kinase, RPK1, as a Positive Regulator of Senescence in Arabidopsis Leaves. <i>Plant and Cell Physiology</i> , 2011, 52, 651-662.	3.1	198
77	Sensitive multiplex RNA quantification using capillary electrophoresis-based single-strand conformation polymorphism. <i>Biotechnology and Bioengineering</i> , 2010, 106, 167-172.	3.3	3
78	The RAV1 transcription factor positively regulates leaf senescence in Arabidopsis. <i>Journal of Experimental Botany</i> , 2010, 61, 3947-3957.	4.8	152
79	Subcellular Sites of the Signal Transduction and Degradation of Phytochrome A. <i>Plant and Cell Physiology</i> , 2010, 51, 1648-1660.	3.1	25
80	Auxin response factor 2 (ARF2) plays a major role in regulating auxin-mediated leaf longevity. <i>Journal of Experimental Botany</i> , 2010, 61, 1419-1430.	4.8	245
81	Molecule-level imaging of Pax6 mRNA distribution in mouse embryonic neocortex by molecular interaction force microscopy. <i>Nucleic Acids Research</i> , 2009, 37, e10-e10.	14.5	25
82	A new single-step quantitative pathogen detection system: Template-tagging followed by multiplex asymmetric PCR using common primers and CEBS-SCP. <i>Electrophoresis</i> , 2009, 30, 2728-2736.	2.4	18
83	De-regulated expression of the plant glutamate receptor homolog <i>AtGLR3.1</i> impairs long-term $Ca^{2+}$ -programmed stomatal closure. <i>Plant Journal</i> , 2009, 58, 437-449.	5.7	98
84	Trifurcate Feed-Forward Regulation of Age-Dependent Cell Death Involving <i>miR164</i> in <i>Arabidopsis</i> . <i>Science</i> , 2009, 323, 1053-1057.	12.6	652
85	Control of plant germline proliferation by SCFFBL17 degradation of cell cycle inhibitors. <i>Nature</i> , 2008, 455, 1134-1137.	27.8	180
86	CRY1 inhibits COP1-mediated degradation of BIT1, a MYB transcription factor, to activate blue light-dependent gene expression in Arabidopsis. <i>Plant Journal</i> , 2008, 55, 361-371.	5.7	61
87	FIONA1 Is Essential for Regulating Period Length in the <i>Arabidopsis</i> Circadian Clock. <i>Plant Cell</i> , 2008, 20, 307-319.	6.6	73
88	<i>OsMADS51</i> Is a Short-Day Flowering Promoter That Functions Upstream of <i>Ehd1</i> , <i>OsMADS14</i> , and <i>Hd3a</i> . <i>Plant Physiology</i> , 2007, 145, 1484-1494.	4.8	224
89	A GUS/Luciferase Fusion Reporter for Plant Gene Trapping and for Assay of Promoter Activity with Luciferin-Dependent Control of the Reporter Protein Stability. <i>Plant and Cell Physiology</i> , 2007, 48, 1121-1131.	3.1	44
90	BLADE-ON-PETIOLE1 and 2 Control Arabidopsis Lateral Organ Fate through Regulation of LOB Domain and Adaxial-Abaxial Polarity Genes. <i>Plant Cell</i> , 2007, 19, 1809-1825.	6.6	162

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91	Leaf Senescence. Annual Review of Plant Biology, 2007, 58, 115-136.	18.7	1,737
92	ZEITLUPE is a circadian photoreceptor stabilized by GIGANTEA in blue light. Nature, 2007, 449, 356-360.	27.8	510
93	Overexpression of a chromatin architecture-controlling AT-hook protein extends leaf longevity and increases the post-harvest storage life of plants. Plant Journal, 2007, 52, 1140-1153.	5.7	121
94	Aging and senescence of the leaf organ. Journal of Plant Biology, 2007, 50, 291-300.	2.1	37
95	Proteomic pattern-based analyses of light responses in Arabidopsis thaliana wild-type and photoreceptor mutants. Proteomics, 2006, 6, 3040-3049.	2.2	14
96	Cytokinin-mediated control of leaf longevity by AHK3 through phosphorylation of ARR2 in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 814-819.	7.1	382
97	Comparative transcriptome analysis reveals significant differences in gene expression and signalling pathways between developmental and dark/starvation-induced senescence in Arabidopsis. Plant Journal, 2005, 42, 567-585.	5.7	924
98	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
99	Mitochondria Provide the Main Source of Cytosolic ATP for Activation of Outward-rectifying K <sup>+</sup> Channels in Mesophyll Protoplast of Chlorophyll-deficient Mutant Rice (OsCHLH) Seedlings. Journal of Biological Chemistry, 2004, 279, 6874-6882.	3.4	27
100	The Delayed Leaf Senescence Mutants of Arabidopsis, ore1, ore3, and ore9 are Tolerant to Oxidative Stress. Plant and Cell Physiology, 2004, 45, 923-932.	3.1	196
101	BLADE-ON-PETIOLE1 Encodes a BTB/POZ Domain Protein Required for Leaf Morphogenesis in Arabidopsis thaliana. Plant and Cell Physiology, 2004, 45, 1361-1370.	3.1	165
102	The Arabidopsis COG1 gene encodes a Dof domain transcription factor and negatively regulates phytochrome signaling. Plant Journal, 2003, 34, 161-171.	5.7	113
103	Stress memory in plants: a negative regulation of stomatal response and transient induction of rd22 gene to light in abscisic acid-entrained Arabidopsis plants. Plant Journal, 2003, 36, 240-255.	5.7	109
104	Molecular genetics of leaf senescence in Arabidopsis. Trends in Plant Science, 2003, 8, 272-278.	8.8	276
105	Involvement of the VEP1 Gene in Vascular Strand Development in Arabidopsis thaliana. Plant and Cell Physiology, 2002, 43, 323-330.	3.1	44
106	Evidence for the functional organization of chloroplasts in adaxial guard cells of Vicia faba leaves by single cell analysis. Plant Science, 2002, 162, 965-972.	3.6	6
107	Extended leaf longevity in the ore4-1 mutant of Arabidopsis with a reduced expression of a plastid ribosomal protein gene. Plant Journal, 2002, 31, 331-340.	5.7	85
108	Expression of functional human-cytosolic Cu/Zn superoxide dismutase in transgenic tobacco. Biotechnology Letters, 2002, 24, 681-686.	2.2	5

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109	Title is missing!. <i>Molecular Breeding</i> , 2002, 10, 11-18.	2.1	9
110	ORE9, an F-Box Protein That Regulates Leaf Senescence in Arabidopsis. <i>Plant Cell</i> , 2001, 13, 1779-1790.	6.6	452
111	The Identity of Plant Glutamate Receptors. <i>Science</i> , 2001, 292, 1486b-1487.	12.6	175
112	Control of Circadian Rhythms and Photoperiodic Flowering by the Arabidopsis GIGANTEA Gene. <i>Science</i> , 1999, 285, 1579-1582.	12.6	565
113	An S RNase Gene of <i>Lycopersicon peruvianum</i> L. is Highly Expressed in Transgenic Tobacco but Does not Affect Self-incompatibility. <i>Journal of Plant Physiology</i> , 1999, 154, 63-70.	3.5	7
114	Differential expression of senescence-associated mRNAs during leaf senescence induced by different senescence-inducing factors in Arabidopsis. <i>Plant Molecular Biology</i> , 1998, 37, 445-454.	3.9	186
115	A Brassica cDNA clone encoding a bifunctional hydroxymethylpyrimidine kinase/thiamin-phosphate pyrophosphorylase involved in thiamin biosynthesis. <i>Plant Molecular Biology</i> , 1998, 37, 955-966.	3.9	18
116	Photomorphogenic development of the Arabidopsis <i>shy2-1D</i> mutation and its interaction with phytochromes in darkness. <i>Plant Journal</i> , 1998, 15, 61-68.	5.7	82
117	Genetic identification of FIN2, a far red light-specific signaling component of <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 1998, 16, 411-419.	5.7	68
118	The promoter activity of <i>sen 1</i> , a senescence-associated gene of Arabidopsis, is repressed by sugars. <i>Journal of Plant Physiology</i> , 1997, 151, 339-345.	3.5	34
119	Insulin-induced maturation of <i>Xenopus</i> oocytes is inhibited by microinjection of a Brassica napus cDNA clone with high similarity to a mammalian receptor for activated protein kinase C. <i>Planta</i> , 1997, 201, 245-251.	3.2	27
120	Evaluation of 515 expressed sequence tags obtained from guard cells of <i>Brassica campestris</i> . <i>Planta</i> , 1997, 202, 9-17.	3.2	64
121	The molecular genetic analysis of leaf senescence. <i>Current Opinion in Biotechnology</i> , 1997, 8, 200-207.	6.6	233
122	Two dominant photomorphogenic mutations of <i>Arabidopsis thaliana</i> identified as suppressor mutations of <i>hy2</i> . <i>Plant Journal</i> , 1996, 9, 441-456.	5.7	139
123	A senescence-associated gene of <i>Arabidopsis thaliana</i> is distinctively regulated during natural and artificially induced leaf senescence. <i>Plant Molecular Biology</i> , 1996, 30, 739-754.	3.9	214
124	Rapid and transient induction of calmodulin-encoding gene(s) of <i>Brassica napus</i> by a touch stimulus. <i>Plant Cell Reports</i> , 1996, 15, 586-590.	5.6	2
125	Frequent in-frame length variations are found in the diverged simple repeat sequences of the protein-coding regions of two putative protein kinase genes of <i>Brassica napus</i> . <i>Plant Molecular Biology</i> , 1995, 27, 829-833.	3.9	6
126	Functional complementation of a yeast vesicular transport mutation <i>ypt1-1</i> by a <i>Brassica napus</i> cDNA clone encoding a small GTP-binding protein. <i>Plant Molecular Biology</i> , 1994, 26, 1725-1735.	3.9	32



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127	Stable genetic transformation of <i>Arabidopsis thaliana</i> by <i>Agrobacterium</i> inoculation in planta. <i>Plant Journal</i> , 1994, 5, 551-558.	5.7	94
128	Two putative protein kinases from <i>Arabidopsis thaliana</i> contain highly acidic domains. <i>Plant Molecular Biology</i> , 1993, 22, 615-624.	3.9	36
129	Plasmids allowing transcription of cloned DNA by <i>Salmonella typhimurium</i> phage SP6 RNA polymerase to produce RNAs with authentic 5'-terminal sequences. <i>Gene</i> , 1986, 46, 57-64.	2.2	5