

Mitsuyasu Hasebe

List of Publications by Year in descending order

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155
papers

12,380
citations

25034

57
h-index

28297

105
g-index

164
all docs

164
docs citations

164
times ranked

10890
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression of <i>ATG8/LC3</i> enhances wound-induced somatic reprogramming in <i>Physcomitrium patens</i> . <i>Autophagy</i> , 2022, 18, 1463-1466.	9.1	7
2	Molecular mechanisms of reprogramming of differentiated cells into stem cells in the moss <i>Physcomitrium patens</i> . <i>Current Opinion in Plant Biology</i> , 2022, 65, 102123.	7.1	4
3	Low-invasive 5D visualization of mitotic progression by two-photon excitation spinning-disk confocal microscopy. <i>Scientific Reports</i> , 2022, 12, 809.	3.3	6
4	Topoisomerase 1 \pm is required for synchronous spermatogenesis in <i>Physcomitrium patens</i> . <i>New Phytologist</i> , 2022, 234, 137-148.	7.3	2
5	A PSTAIRE-type cyclin-dependent kinase controls light responses in land plants. <i>Science Advances</i> , 2022, 8, eabk2116.	10.3	2
6	Unveiling the nature of a miniature world: a horizon scan of fundamental questions in bryology. <i>Journal of Bryology</i> , 2022, 44, 1-34.	1.2	12
7	A discordance of seasonally covarying cues uncovers misregulated phenotypes in the heterophyllous pitcher plant <i>Cephalotus follicularis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202568.	2.6	7
8	Rapid movements in plants. <i>Journal of Plant Research</i> , 2021, 134, 3-17.	2.4	17
9	Chloroplast acquisition without the gene transfer in kleptoplastic sea slugs, <i>Plakobranthus ocellatus</i> . <i>ELife</i> , 2021, 10, .	6.0	29
10	Two <i>ANGUSTIFOLIA</i> genes regulate gametophore and sporophyte development in <i>Physcomitrella patens</i> . <i>Plant Journal</i> , 2020, 101, 1318-1330.	5.7	13
11	Calcium dynamics during trap closure visualized in transgenic Venus flytrap. <i>Nature Plants</i> , 2020, 6, 1219-1224.	9.3	67
12	Networking and Specificity-Changing DNA Methyltransferases in <i>Helicobacter pylori</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1628.	3.5	9
13	Ethylene signaling mediates host invasion by parasitic plants. <i>Science Advances</i> , 2020, 6, .	10.3	37
14	DNA damage triggers reprogramming of differentiated cells into stem cells in <i>Physcomitrella</i> . <i>Nature Plants</i> , 2020, 6, 1098-1105.	9.3	22
15	Genomes of the Venus Flytrap and Close Relatives Unveil the Roots of Plant Carnivory. <i>Current Biology</i> , 2020, 30, 2312-2320.e5.	3.9	60
16	Common-path multimodal three-dimensional fluorescence and phase imaging system. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	52
17	<i>Physcomitrella</i> <i>STEMIN</i> transcription factor induces stem cell formation with epigenetic reprogramming. <i>Nature Plants</i> , 2019, 5, 681-690.	9.3	32
18	A draft genome assembly of the solar-powered sea slug <i>Elysia chlorotica</i> . <i>Scientific Data</i> , 2019, 6, 190022.	5.3	48

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19	Single-cell transcriptome analysis of <i>Physcomitrella</i> leaf cells during reprogramming using microcapillary manipulation. <i>Nucleic Acids Research</i> , 2019, 47, 4539-4553.	14.5	39
20	Evolutionary origin of a periodical mass-flowering plant. <i>Ecology and Evolution</i> , 2019, 9, 4373-4381.	1.9	10
21	A Novel Katanin-Tethering Machinery Accelerates Cytokinesis. <i>Current Biology</i> , 2019, 29, 4060-4070.e3.	3.9	42
22	Antheridial development in the moss <i>Physcomitrella patens</i> : implications for understanding stem cells in mosses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160494.	4.0	19
23	<i>Physcomitrella</i> MADS-box genes regulate water supply and sperm movement for fertilization. <i>Nature Plants</i> , 2018, 4, 36-45.	9.3	51
24	Carnivorous plant genomes. , 2018, , .		7
25	A Lin28 homologue reprograms differentiated cells to stem cells in the moss <i>Physcomitrella patens</i> . <i>Nature Communications</i> , 2017, 8, 14242.	12.8	37
26	Genome of the pitcher plant <i>Cephalotus</i> reveals genetic changes associated with carnivory. <i>Nature Ecology and Evolution</i> , 2017, 1, 59.	7.8	99
27	Adaptive optical imaging through complex living plant cells. , 2017, , .		0
28	Cells reprogramming to stem cells inhibit the reprogramming of adjacent cells in the moss <i>Physcomitrella patens</i> . <i>Scientific Reports</i> , 2017, 7, 1909.	3.3	18
29	Plant Cytokinesis: Terminology for Structures and Processes. <i>Trends in Cell Biology</i> , 2017, 27, 885-894.	7.9	155
30	Cytoplasmic MTOCs control spindle orientation for asymmetric cell division in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8847-E8854.	7.1	44
31	Artificial testing targets with controllable blur for adaptive optics microscopes. <i>Optical Engineering</i> , 2017, 56, 1.	1.0	4
32	Polyamine Resistance Is Increased by Mutations in a Nitrate Transporter Gene NRT1.3 (<i>AtNPF6.4</i>) in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 834.	3.6	26
33	The Polycomb group protein CLF emerges as a specific tri-methylase of H3K27 regulating gene expression and development in <i>Physcomitrella patens</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 860-870.	1.9	17
34	Moss development: Starting BELL for embryos. <i>Nature Plants</i> , 2016, 2, 16004.	9.3	0
35	Ancient trans-Acting siRNAs Confer Robustness and Sensitivity onto the Auxin Response. <i>Developmental Cell</i> , 2016, 36, 276-289.	7.0	44
36	Multi-point Scanning Two-photon Excitation Microscopy by Utilizing a High-peak-power 1042-nm Laser. <i>Analytical Sciences</i> , 2015, 31, 307-313.	1.6	31

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37	BAM 1 and RECEPTOR $\hat{\epsilon}$ -LIKE PROTEIN KINASE 2 constitute a signaling pathway and modulate CLE peptide $\hat{\epsilon}$ -triggered growth inhibition in <i>A. thaliana</i> root. <i>New Phytologist</i> , 2015, 208, 1104-1113.	7.3	64
38	A plant U-box protein, PUB4, regulates asymmetric cell division and cell proliferation in the root meristem. <i>Development (Cambridge)</i> , 2015, 142, 444-453.	2.5	61
39	Oriented cell division shapes carnivorous pitcher leaves of <i>Sarracenia purpurea</i> . <i>Nature Communications</i> , 2015, 6, 6450.	12.8	50
40	BEACH-Domain Proteins Act Together in a Cascade to Mediate Vacuolar Protein Trafficking and Disease Resistance in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2015, 8, 389-398.	8.3	27
41	Cell cycle reentry from the late S phase: implications from stem cell formation in the moss <i>Physcomitrella patens</i> . <i>Journal of Plant Research</i> , 2015, 128, 399-405.	2.4	8
42	Development of an Agrobacterium-Mediated Stable Transformation Method for the Sensitive Plant <i>Mimosa pudica</i> . <i>PLoS ONE</i> , 2014, 9, e88611.	2.5	11
43	ppdb: plant promoter database version 3.0. <i>Nucleic Acids Research</i> , 2014, 42, D1188-D1192.	14.5	61
44	Methylome Diversification through Changes in DNA Methyltransferase Sequence Specificity. <i>PLoS Genetics</i> , 2014, 10, e1004272.	3.5	92
45	The role of dynamic instability in microtubule organization. <i>Frontiers in Plant Science</i> , 2014, 5, 511.	3.6	95
46	Sex Chromosome Turnover Contributes to Genomic Divergence between Incipient Stickleback Species. <i>PLoS Genetics</i> , 2014, 10, e1004223.	3.5	93
47	Whole-Genome Sequence of <i>Burkholderia</i> sp. Strain RPE67, a Bacterial Gut Symbiont of the Bean Bug <i>Riptortus pedestris</i> . <i>Genome Announcements</i> , 2014, 2, .	0.8	12
48	Optical Property Analyses of Plant Cells for Adaptive Optics Microscopy. <i>International Journal of Optomechatronics</i> , 2014, 8, 89-99.	6.6	24
49	Heterotrimeric G proteins control stem cell proliferation through <i>CLAVATA</i> signaling in <i>Arabidopsis</i> . <i>EMBO Reports</i> , 2014, 15, 1202-1209.	4.5	92
50	Adaxial $\hat{\epsilon}$ abaxial polarity: The developmental basis of leaf shape diversity. <i>Genesis</i> , 2014, 52, 1-18.	1.6	59
51	Between Two Fern Genomes. <i>GigaScience</i> , 2014, 3, 15.	6.4	69
52	<i>WOX13</i> - <i>like</i> genes are required for reprogramming of leaf and protoplast cells into stem cells in the moss <i>Physcomitrella patens</i> . <i>Development (Cambridge)</i> , 2014, 141, 1660-1670.	2.5	136
53	Contribution of NAC Transcription Factors to Plant Adaptation to Land. <i>Science</i> , 2014, 343, 1505-1508.	12.6	222
54	Early evolution of the vascular plant body plan $\hat{\epsilon}$ the missing mechanisms. <i>Current Opinion in Plant Biology</i> , 2014, 17, 126-136.	7.1	45

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55	Eight types of stem cells in the life cycle of the moss <i>Physcomitrella patens</i> . <i>Current Opinion in Plant Biology</i> , 2014, 17, 13-21.	7.1	121
56	Comparative genome sequencing reveals genomic signature of extreme desiccation tolerance in the anhydrobiotic midge. <i>Nature Communications</i> , 2014, 5, 4784.	12.8	118
57	Localization of tobacco germin-like protein 1 in leaf intercellular space. <i>Plant Physiology and Biochemistry</i> , 2014, 85, 1-8.	5.8	6
58	Imaging the Mitotic Spindle by Spinning Disk Microscopy in Tobacco Suspension Cultured Cells. <i>Methods in Molecular Biology</i> , 2014, 1136, 47-55.	0.9	5
59	Mechanism of phragmoplast expansion. <i>Plant Morphology</i> , 2014, 26, 53-58.	0.1	0
60	Reannotation and extended community resources for the genome of the non-seed plant <i>Physcomitrella patens</i> provide insights into the evolution of plant gene structures and functions. <i>BMC Genomics</i> , 2013, 14, 498.	2.8	170
61	Complete Genome Sequence of <i>Burkholderia</i> sp. Strain RPE64, Bacterial Symbiont of the Bean Bug <i>Riptortus pedestris</i> . <i>Genome Announcements</i> , 2013, 1, .	0.8	37
62	Mechanism of microtubule array expansion in the cytokinetic phragmoplast. <i>Nature Communications</i> , 2013, 4, 1967.	12.8	102
63	Identification of an EMS-induced causal mutation in a gene required for boron-mediated root development by low-coverage genome re-sequencing in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2013, 8, e22534.	2.4	32
64	<i>Physcomitrella</i> PpORS, Basal to Plant Type III Polyketide Synthases in Phylogenetic Trees, Is a Very Long Chain 2-Oxoalkylresorcinol Synthase. <i>Journal of Biological Chemistry</i> , 2013, 288, 2767-2777.	3.4	19
65	KNOX2 Genes Regulate the Haploid-to-Diploid Morphological Transition in Land Plants. <i>Science</i> , 2013, 339, 1067-1070.	12.6	132
66	System for Stable β -Estradiol-Inducible Gene Expression in the Moss <i>Physcomitrella patens</i> . <i>PLoS ONE</i> , 2013, 8, e77356.	2.5	71
67	The KAC Family of Kinesin-Like Proteins is Essential for the Association of Chloroplasts with the Plasma Membrane in Land Plants. <i>Plant and Cell Physiology</i> , 2012, 53, 1854-1865.	3.1	44
68	Identification of IAA Transport Inhibitors Including Compounds Affecting Cellular PIN Trafficking by Two Chemical Screening Approaches Using Maize Coleoptile Systems. <i>Plant and Cell Physiology</i> , 2012, 53, 1671-1682.	3.1	34
69	A SABATH Methyltransferase from the moss <i>Physcomitrella patens</i> catalyzes S-methylation of thiols and has a role in detoxification. <i>Phytochemistry</i> , 2012, 81, 31-41.	2.9	25
70	Digital Gene Expression Profiling by 5'-End Sequencing of cDNAs during Reprogramming in the Moss <i>Physcomitrella patens</i> . <i>PLoS ONE</i> , 2012, 7, e36471.	2.5	27
71	AP2-type transcription factors determine stem cell identity in the moss <i>Physcomitrella patens</i> . <i>Development (Cambridge)</i> , 2012, 139, 3120-3129.	2.5	124
72	The Gibberellin perception system evolved to regulate a pre-existing GAMYB-mediated system during land plant evolution. <i>Nature Communications</i> , 2011, 2, 544.	12.8	79

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73	The <i>Selaginella</i> Genome Identifies Genetic Changes Associated with the Evolution of Vascular Plants. <i>Science</i> , 2011, 332, 960-963.	12.6	794
74	NIMA-related kinases 6, 4, and 5 interact with each other to regulate microtubule organization during epidermal cell expansion in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2011, 67, 993-1005.	5.7	41
75	Variations on theme: spindle assembly in diverse cells. <i>Protoplasma</i> , 2011, 248, 439-446.	2.1	21
76	<i>Physcomitrella</i> Cyclin-Dependent Kinase A Links Cell Cycle Reactivation to Other Cellular Changes during Reprogramming of Leaf Cells. <i>Plant Cell</i> , 2011, 23, 2924-2938.	6.6	98
77	Biological implications of the occurrence of 32 members of the XTH (xyloglucan) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 T. <i>Journal</i> , 2010, 64, 645-656.	5.7	53
78	Endogenous Diterpenes Derived from ent-kaurene, a Common Gibberellin Precursor, Regulate Protonema Differentiation of the Moss <i>Physcomitrella patens</i> . <i>Plant Physiology</i> , 2010, 153, 1085-1097.	4.8	96
79	A Dibasic Amino Acid Pair Conserved in the Activation Loop Directs Plasma Membrane Localization and Is Necessary for Activity of Plant Type I/II Phosphatidylinositol Phosphate Kinase. <i>Plant Physiology</i> , 2010, 153, 1004-1015.	4.8	13
80	A polycomb repressive complex 2 gene regulates apogamy and gives evolutionary insights into early land plant evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16321-16326.	7.1	138
81	Microtubules Regulate Dynamic Organization of Vacuoles in <i>Physcomitrella patens</i> . <i>Plant and Cell Physiology</i> , 2009, 50, 855-868.	3.1	29
82	Convergences and divergences in polar auxin transport and shoot development in land plant evolution. <i>Plant Signaling and Behavior</i> , 2009, 4, 313-315.	2.4	17
83	ANXUR1 and 2, Sister Genes to FERONIA/SIRENE, Are Male Factors for Coordinated Fertilization. <i>Current Biology</i> , 2009, 19, 1327-1331.	3.9	254
84	Convergent evolution of shoots in land plants: lack of auxin polar transport in moss shoots. <i>Evolution & Development</i> , 2008, 10, 176-186.	2.0	102
85	Class 1 KNOX genes are not involved in shoot development in the moss <i>Physcomitrella patens</i> but do function in sporophyte development. <i>Evolution & Development</i> , 2008, 10, 555-566.	2.0	157
86	Ecogenomics of cleistogamous and chasmogamous flowering: genome-wide gene expression patterns from cross-species microarray analysis in <i>Cardamine kokaiensis</i> (Brassicaceae). <i>Journal of Ecology</i> , 2008, 96, 1086-1097.	4.0	32
87	The <i>Physcomitrella</i> Genome Reveals Evolutionary Insights into the Conquest of Land by Plants. <i>Science</i> , 2008, 319, 64-69.	12.6	1,712
88	Expression of Exogenous Genes Under the Control of Endogenous HSP70 and CAB Promoters in the <i>Closterium peracerosum-strigosum-littorale</i> complex. <i>Plant and Cell Physiology</i> , 2008, 49, 625-632.	3.1	28
89	Kinesins Are Indispensable for Interdigitation of Phragmoplast Microtubules in the Moss <i>Physcomitrella patens</i> . <i>Plant Cell</i> , 2008, 20, 3094-3106.	6.6	89
90	Expression and Complementation Analyses of a Chloroplast-Localized Homolog of Bacterial RecA in the Moss <i>Physcomitrella patens</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 1340-1347.	1.3	23

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91	Tandem Repeat rDNA Sequences Derived from Parents Were Stably Maintained in Hexaploids of <i>Drosera spathulata</i> Complex (Droseraceae). <i>Cytologia</i> , 2008, 73, 313-325.	0.6	20
92	The GID1-Mediated Gibberellin Perception Mechanism Is Conserved in the Lycophyte <i>Selaginella moellendorffii</i> but Not in the Bryophyte <i>Physcomitrella patens</i> . <i>Plant Cell</i> , 2007, 19, 3058-3079.	6.6	188
93	Involvement of mitochondrial-targeted RecA in the repair of mitochondrial DNA in the moss, <i>Physcomitrella patens</i> . <i>Genes and Genetic Systems</i> , 2007, 82, 43-51.	0.7	28
94	How do Plants Organize Microtubules Without a Centrosome?. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 1154-1163.	8.5	19
95	Microtubule-dependent microtubule nucleation in plant cells. <i>Journal of Plant Research</i> , 2007, 120, 73-78.	2.4	39
96	The chloroplast genome from a lycophyte (microphylophyte), <i>Selaginella uncinata</i> , has a unique inversion, transpositions and many gene losses. <i>Journal of Plant Research</i> , 2007, 120, 281-290.	2.4	70
97	Molecular evolution of the AP2 subfamily. <i>Gene</i> , 2006, 366, 256-265.	2.2	172
98	Nucleotide sequence variation was unexpectedly low in an endangered species, <i>Aldrovanda vesiculosa</i> L. (Droseraceae). <i>Chromosome Botany</i> , 2006, 1, 27-32.	0.2	7
99	Genes for the peptidoglycan synthesis pathway are essential for chloroplast division in moss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6753-6758.	7.1	92
100	Isolation of Mutant Lines with Decreased Numbers of Chloroplasts per Cell from a Tagged Mutant Library of the Moss <i>Physcomitrella patens</i> . <i>Plant Biology</i> , 2005, 7, 300-306.	3.8	16
101	KNOX homeobox genes potentially have similar function in both diploid unicellular and multicellular meristems, but not in haploid meristems. <i>Evolution & Development</i> , 2005, 7, 69-78.	2.0	102
102	An extraction method for tobacco mosaic virus movement protein localizing in plasmodesmata. <i>Protoplasma</i> , 2005, 225, 85-92.	2.1	7
103	The modified ABC model explains the development of the petaloid perianth of <i>Agapanthus praecox</i> ssp. <i>orientalis</i> (Agapanthaceae) flowers. <i>Plant Molecular Biology</i> , 2005, 58, 435-445.	3.9	65
104	Characterization of MADS-box genes in charophycean green algae and its implication for the evolution of MADS-box genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2436-2441.	7.1	128
105	The Floral Regulator LEAFY Evolves by Substitutions in the DNA Binding Domain. <i>Science</i> , 2005, 308, 260-263.	12.6	195
106	Diversification of gene function: homologs of the floral regulator FLO/LFY control the first zygotic cell division in the moss <i>Physcomitrella patens</i> . <i>Development (Cambridge)</i> , 2005, 132, 1727-1736.	2.5	138
107	Microtubule-dependent microtubule nucleation based on recruitment of β -tubulin in higher plants. <i>Nature Cell Biology</i> , 2005, 7, 961-968.	10.3	325
108	A systemic gene silencing method suitable for high throughput, reverse genetic analyses of gene function in fern gametophytes. <i>BMC Plant Biology</i> , 2004, 4, 6.	3.6	51

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109	Biosystematic Studies on the Family Tofieldiaceae I. Phylogeny and Circumscription of the Family Inferred from DNA Sequences of matK and rbcL. <i>Plant Biology</i> , 2004, 6, 562-567.	3.8	19
110	Phylogeny and divergence of basal angiosperms inferred from APETALA3- and PISTILLATA-like MADS-box genes. <i>Journal of Plant Research</i> , 2004, 117, 229-44.	2.4	55
111	Chloroplast Phylogeny Indicates that Bryophytes Are Monophyletic. <i>Molecular Biology and Evolution</i> , 2004, 21, 1813-1819.	8.9	116
112	High levels of RNA editing in a vascular plant chloroplast genome: analysis of transcripts from the fern <i>Adiantum capillus-veneris</i> . <i>Gene</i> , 2004, 339, 89-97.	2.2	130
113	Identification and characterization of cDNAs encoding pentatricopeptide repeat proteins in the basal land plant, the moss <i>Physcomitrella patens</i> . <i>Gene</i> , 2004, 343, 305-311.	2.2	20
114	Identification of crystalline material found in the thallus of the lichen, <i>Myelochroa leucotyloza</i> . <i>Journal of Structural Biology</i> , 2004, 146, 393-400.	2.8	12
115	Gene Tagging, Gene- and Enhancer-Trapping, and Full-Length cDNA Overexpression in <i>Physcomitrella Patens</i> . , 2004, , 111-132.		7
116	Characterization of the <i>Selaginella remotifolia</i> MADS-box gene. <i>Journal of Plant Research</i> , 2003, 116, 69-73.	2.4	19
117	β -Tubulin distribution during cortical microtubule reorganization at the M/G1 interface in tobacco BY-2 cells. <i>European Journal of Cell Biology</i> , 2003, 82, 43-51.	3.6	29
118	Comparative genomics of <i>Physcomitrella patens</i> gametophytic transcriptome and <i>Arabidopsis thaliana</i> : Implication for land plant evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8007-8012.	7.1	341
119	Phylogeny of the sundews, <i>Drosera</i> (<i>Droseraceae</i>), based on chloroplast <i>rbcL</i> and nuclear 18S ribosomal DNA Sequences. <i>American Journal of Botany</i> , 2003, 90, 123-130.	1.7	106
120	Complete Nucleotide Sequence of the Chloroplast Genome from a Leptosporangiate Fern, <i>Adiantum capillus-veneris</i> L.. <i>DNA Research</i> , 2003, 10, 59-65.	3.4	104
121	Involvement of auxin and a homeodomain-leucine zipper I gene in rhizoid development of the moss <i>Physcomitrella patens</i> . <i>Development (Cambridge)</i> , 2003, 130, 4835-4846.	2.5	121
122	Evolution and Divergence of the MADS-Box Gene Family Based on Genome-Wide Expression Analyses. <i>Molecular Biology and Evolution</i> , 2003, 20, 1963-1977.	8.9	119
123	Formation of a Symmetric Flat Leaf Lamina in <i>Arabidopsis</i> . , 2003, , 177-187.		0
124	Two Ancient Classes of MIKC-type MADS-box Genes are Present in the Moss <i>Physcomitrella patens</i> . <i>Molecular Biology and Evolution</i> , 2002, 19, 801-814.	8.9	216
125	The ASYMMETRIC LEAVES2 Gene of <i>Arabidopsis thaliana</i> , Required for Formation of a Symmetric Flat Leaf Lamina, Encodes a Member of a Novel Family of Proteins Characterized by Cysteine Repeats and a Leucine Zipper. <i>Plant and Cell Physiology</i> , 2002, 43, 467-478.	3.1	356
126	Cryptochrome Light Signals Control Development to Suppress Auxin Sensitivity in the Moss <i>Physcomitrella patens</i> . <i>Plant Cell</i> , 2002, 14, 373-386.	6.6	161

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127	Crystal structure of the liganded anti-gibberellin A4 antibody 4-B8(8)/E9 Fab fragment. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 489-496.	2.1	11
128	Characterization of aFLORICAULA/LEAFYHomologue ofGnetum parvifoliumand Its Implications for the Evolution of Reproductive Organs in Seed Plants. <i>International Journal of Plant Sciences</i> , 2001, 162, 1199-1209.	1.3	40
129	Isolation of Homeodomainâ€œLeucine Zipper Genes from the Moss <i>Physcomitrella patens</i> and the Evolution of Homeodomainâ€œLeucine Zipper Genes in Land Plants. <i>Molecular Biology and Evolution</i> , 2001, 18, 491-502.	8.9	76
130	Evolution of MADS-Box Gene Induction by FLO/LFY Genes. <i>Journal of Molecular Evolution</i> , 2001, 53, 387-393.	1.8	49
131	Establishment of gene-trap and enhancer-trap systems in the moss <i>Physcomitrella patens</i> . <i>Plant Journal</i> , 2001, 28, 105-116.	5.7	43
132	Isolation and Identification of Antheridiogens in the Ferns, <i>Lygodium microphyllum</i> and <i>Lygodium reticulatum</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 2311-2314.	1.3	17
133	Molecular Phylogeny of <i>Coriaria</i> , with Special Emphasis on the Disjunct Distribution. <i>Molecular Phylogenetics and Evolution</i> , 2000, 14, 11-19.	2.7	72
134	Phylogeny of the Lady Fern Group, Tribe <i>Physematieae</i> (<i>Dryopteridaceae</i>), Based on Chloroplast <i>rbcl</i> Gene Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2000, 15, 403-413.	2.7	56
135	<i>Diplazium subsinuatum</i> and <i>Di. tomitaroanum</i> should be Moved to <i>Deparia</i> According to Molecular, Morphological, and Cytological Characters. <i>Journal of Plant Research</i> , 2000, 113, 157-163.	2.4	17
136	Isolation and Characterization of a cDNA for Phenylalanine Ammonia-Lyase(PAL) from <i>Dianthus caryophyllus</i> (carnation).. <i>Plant Biotechnology</i> , 2000, 17, 325-329.	1.0	12
137	Characterization of MADS genes in the gymnosperm <i>Gnetum parvifolium</i> and its implication on the evolution of reproductive organs in seed plants. <i>Evolution & Development</i> , 1999, 1, 180-190.	2.0	66
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