

# Sachihiro Matsunaga

## List of Publications by Citations

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194  
papers

5,081  
citations

40  
h-index

63  
g-index

207  
ext. papers

5,954  
ext. citations

4.3  
avg, IF

5.42  
L-index

#	Paper	IF	Citations
194	Sequence analysis of the genome of an oil-bearing tree, <i>Jatropha curcas</i> L. <i>DNA Research</i> , <b>2011</b> , 18, 65-76	4.5	245
193	Programmed induction of endoreduplication by DNA double-strand breaks in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 10004-9	11.5	196
192	Femtosecond laser disruption of subcellular organelles in a living cell. <i>Optics Express</i> , <b>2004</b> , 12, 4203-13	3.3	173
191	G2/M-phase-specific transcription during the plant cell cycle is mediated by c-Myb-like transcription factors. <i>Plant Cell</i> , <b>2001</b> , 13, 1891-905	11.6	170
190	The MAP kinase MPK4 is required for cytokinesis in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , <b>2010</b> , 22, 3778-90	11.6	138
189	G2/M-Phase-Specific Transcription during the Plant Cell Cycle Is Mediated by c-Myb-Like Transcription Factors. <i>Plant Cell</i> , <b>2001</b> , 13, 1891-1905	11.6	132
188	Acetate-mediated novel survival strategy against drought in plants. <i>Nature Plants</i> , <b>2017</b> , 3, 17097	11.5	129
187	Nucleolin functions in nucleolus formation and chromosome congression. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 2091-105	5.3	101
186	Proteome analysis of human metaphase chromosomes. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 16994-7004	4.98	98
185	Condensin II alleviates DNA damage and is essential for tolerance of boron overload stress in <i>Arabidopsis</i> . <i>Plant Cell</i> , <b>2011</b> , 23, 3533-46	11.6	96
184	Characterization of plant Aurora kinases during mitosis. <i>Plant Molecular Biology</i> , <b>2005</b> , 58, 1-13	4.6	88
183	GIGAS CELL1, a novel negative regulator of the anaphase-promoting complex/cyclosome, is required for proper mitotic progression and cell fate determination in <i>Arabidopsis</i> . <i>Plant Cell</i> , <b>2011</b> , 23, 4382-93	11.6	85
182	A putative mitochondrial ftsZ gene is present in the unicellular primitive red alga <i>Cyanidioschyzon merolae</i> . <i>Molecular Genetics and Genomics</i> , <b>2000</b> , 264, 452-60	3.1	81
181	The <i>Arabidopsis</i> SDG4 contributes to the regulation of pollen tube growth by methylation of histone H3 lysines 4 and 36 in mature pollen. <i>Developmental Biology</i> , <b>2008</b> , 315, 355-68	3.1	80
180	Depletion of nucleophosmin leads to distortion of nucleolar and nuclear structures in HeLa cells. <i>Biochemical Journal</i> , <b>2008</b> , 415, 345-51	3.8	78
179	A NIN-LIKE PROTEIN mediates nitrate-induced control of root nodule symbiosis in <i>Lotus japonicus</i> . <i>Nature Communications</i> , <b>2018</b> , 9, 499	17.4	77
178	The boundary of the meristematic and elongation zones in roots: endoreduplication precedes rapid cell expansion. <i>Scientific Reports</i> , <b>2013</b> , 3, 2723	4.9	76

177	Isolation and developmental expression of male reproductive organ-specific genes in a dioecious campion, <i>Melandrium album</i> ( <i>Silene latifolia</i> ). <i>Plant Journal</i> , <b>1996</b> , 10, 679-89	6.9	75
176	Cytokinins control endocycle onset by promoting the expression of an APC/C activator in <i>Arabidopsis</i> roots. <i>Current Biology</i> , <b>2013</b> , 23, 1812-7	6.3	74
175	Duplicative transfer of a MADS box gene to a plant Y chromosome. <i>Molecular Biology and Evolution</i> , <b>2003</b> , 20, 1062-9	8.3	72
174	Identification of a novel plant MAR DNA binding protein localized on chromosomal surfaces. <i>Plant Molecular Biology</i> , <b>2004</b> , 56, 225-39	4.6	72
173	The active digestion of uniparental chloroplast DNA in a single zygote of <i>Chlamydomonas reinhardtii</i> is revealed by using the optical tweezer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 12577-82	11.5	70
172	Males evolved from the dominant isogametic mating type. <i>Current Biology</i> , <b>2006</b> , 16, R1018-20	6.3	68
171	Three-Dimensional Imaging of Plant Organs Using a Simple and Rapid Transparency Technique. <i>Plant and Cell Physiology</i> , <b>2016</b> , 57, 462-72	4.9	62
170	Aurora kinase is required for chromosome segregation in tobacco BY-2 cells. <i>Plant Journal</i> , <b>2006</b> , 48, 572-80	6.9	62
169	Semi-automatic laser beam microdissection of the Y chromosome and analysis of Y chromosome DNA in a dioecious plant, <i>Silene latifolia</i> . <i>Plant and Cell Physiology</i> , <b>1999</b> , 40, 60-8	4.9	62
168	Sex Determination by Sex Chromosomes in Dioecious Plants. <i>Plant Biology</i> , <b>2001</b> , 3, 481-488	3.7	60
167	Intracellular disruption of mitochondria in a living HeLa cell with a 76-MHz femtosecond laser oscillator. <i>Optics Express</i> , <b>2005</b> , 13, 9869-80	3.3	59
166	Morphological development of anthers induced by the dimorphic smut fungus <i>Microbotryum violaceum</i> in female flowers of the dioecious plant <i>Silene latifolia</i> . <i>Planta</i> , <b>2003</b> , 218, 240-8	4.7	57
165	Interstitial telomere-like repeats in the <i>Arabidopsis thaliana</i> genome. <i>Genes and Genetic Systems</i> , <b>2002</b> , 77, 63-7	1.4	56
164	RBMX: a regulator for maintenance and centromeric protection of sister chromatid cohesion. <i>Cell Reports</i> , <b>2012</b> , 1, 299-308	10.6	55
163	Interspecies hormonal control of host root morphology by parasitic plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 5283-5288	11.5	53
162	Accumulation of chloroplast DNA sequences on the Y chromosome of <i>Silene latifolia</i> . <i>Genetica</i> , <b>2006</b> , 128, 167-75	1.5	51
161	Fibrillarlin, a nucleolar protein, is required for normal nuclear morphology and cellular growth in HeLa cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 360, 320-6	3.4	50
160	Technical advance: single pollen typing combined with laser-mediated manipulation. <i>Plant Journal</i> , <b>1999</b> , 20, 371-8	6.9	47

159	Localization of male-specifically expressed MROS genes of <i>Silene latifolia</i> by PCR on flow-sorted sex chromosomes and autosomes. <i>Genetics</i> , <b>2001</b> , 158, 1269-77	4	46
158	Coherent X-Ray Diffraction Imaging of Chloroplasts from <i>Cyanidioschyzon merolae</i> by Using X-Ray Free Electron Laser. <i>Plant and Cell Physiology</i> , <b>2015</b> , 56, 1272-86	4.9	45
157	The coordination of ploidy and cell size differs between cell layers in leaves. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 1120-5	6.6	44
156	A comparative proteome analysis of human metaphase chromosomes isolated from two different cell lines reveals a set of conserved chromosome-associated proteins. <i>Genes To Cells</i> , <b>2007</b> , 12, 269-84	2.3	44
155	Multi-Spectral Two-Photon Excited Fluorescence Microscopy Using Supercontinuum Light Source. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, L167-L169	1.4	41
154	Nucleophosmin is required for chromosome congression, proper mitotic spindle formation, and kinetochore-microtubule attachment in HeLa cells. <i>FEBS Letters</i> , <b>2008</b> , 582, 3839-44	3.8	39
153	Single-organelle tracking by two-photon conversion. <i>Optics Express</i> , <b>2007</b> , 15, 2490-8	3.3	39
152	Chromophore-assisted laser inactivation--towards a spatiotemporal-functional analysis of proteins, and the ablation of chromatin, organelle and cell function. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 1621-9	5.3	38
151	PHB2 protects sister-chromatid cohesion in mitosis. <i>Current Biology</i> , <b>2007</b> , 17, 1356-61	6.3	38
150	Active learning framework with iterative clustering for bioimage classification. <i>Nature Communications</i> , <b>2012</b> , 3, 1032	17.4	36
149	H1.X with different properties from other linker histones is required for mitotic progression. <i>FEBS Letters</i> , <b>2007</b> , 581, 3783-8	3.8	34
148	Stimulated parametric emission microscopy. <i>Optics Express</i> , <b>2006</b> , 14, 786-93	3.3	34
147	Cytological Analyses in <i>Melandrium album</i> : Genome Size, C.hromosome Size and Fluorescence in situ Hybridization.. <i>Cytologia</i> , <b>1994</b> , 59, 135-141	0.9	33
146	KOTOBUKI-1 apparatus for cryogenic coherent X-ray diffraction imaging. <i>Review of Scientific Instruments</i> , <b>2013</b> , 84, 093705	1.7	32
145	Organization of the KpnI family of chromosomal distal-end satellite DNAs in <i>Silene latifolia</i> . <i>Journal of Plant Research</i> , <b>2003</b> , 116, 317-26	2.6	32
144	LTR retrotransposons in the dioecious plant <i>Silene latifolia</i> . <i>Genome</i> , <b>2002</b> , 45, 745-51	2.4	30
143	Visualization of specific repetitive genomic sequences with fluorescent TALEs in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , <b>2016</b> , 67, 6101-6110	7	29
142	A nucleolar protein RRS1 contributes to chromosome congression. <i>FEBS Letters</i> , <b>2009</b> , 583, 1951-6	3.8	28

141	Sex chromosome-linked genes in plants. <i>Genes and Genetic Systems</i> , <b>2006</b> , 81, 219-26	1.4	28
140	Cryogenic coherent x-ray diffraction imaging for biological non-crystalline particles using the KOTOBUKI-1 diffraction apparatus at SACLA. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2015</b> , 48, 184003	1.3	27
139	Live cell imaging reveals plant aurora kinase has dual roles during mitosis. <i>Plant and Cell Physiology</i> , <b>2008</b> , 49, 1256-61	4.9	27
138	To regenerate or not to regenerate: factors that drive plant regeneration. <i>Current Opinion in Plant Biology</i> , <b>2019</b> , 47, 138-150	9.9	26
137	A novel transfection method for mammalian cells using calcium alginate microbeads. <i>Journal of Bioscience and Bioengineering</i> , <b>2004</b> , 97, 191-5	3.3	26
136	Dynamics of plant DNA replication based on PCNA visualization. <i>Scientific Reports</i> , <b>2016</b> , 6, 29657	4.9	26
135	Proteasomal degradation of BRAHMA promotes Boron tolerance in Arabidopsis. <i>Nature Communications</i> , <b>2018</b> , 9, 5285	17.4	26
134	Primed histone demethylation regulates shoot regenerative competency. <i>Nature Communications</i> , <b>2019</b> , 10, 1786	17.4	25
133	New insights into the dynamics of plant cell nuclei and chromosomes. <i>International Review of Cell and Molecular Biology</i> , <b>2013</b> , 305, 253-301	6	25
132	Identification and characterization of plant Haspin kinase as a histone H3 threonine kinase. <i>BMC Plant Biology</i> , <b>2011</b> , 11, 73	5.3	25
131	Acetic Acid Treatment Enhances Drought Avoidance in Cassava (Crantz). <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 521	6.2	24
130	Histone H2A mobility is regulated by its tails and acetylation of core histone tails. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 357, 627-32	3.4	23
129	Characterization and dynamic analysis of Arabidopsis condensin subunits, AtCAP-H and AtCAP-H2. <i>Planta</i> , <b>2005</b> , 222, 293-300	4.7	23
128	A plant Y chromosome-STS marker encoding a degenerate retrotransposon. <i>Genes and Genetic Systems</i> , <b>2002</b> , 77, 393-8	1.4	22
127	RAD54 forms DNA repair foci in response to DNA damage in living plant cells. <i>Plant Journal</i> , <b>2017</b> , 90, 372-382	6.9	21
126	Femtosecond laser disruption of mitochondria in living cells. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , <b>2005</b> , 20, 185-191		21
125	The SMC5/6 Complex Subunit NSE4A Is Involved in DNA Damage Repair and Seed Development. <i>Plant Cell</i> , <b>2019</b> , 31, 1579-1597	11.6	20
124	Characterization of somatic embryogenesis initiated from the Arabidopsis shoot apex. <i>Developmental Biology</i> , <b>2018</b> , 442, 13-27	3.1	20

123	DNA double-strand breaks alter the spatial arrangement of homologous loci in plant cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 11058	4.9	20
122	MROS1, a male stamen-specific gene in the dioecious campion <i>Silene latifolia</i> is expressed in mature pollen. <i>Plant and Cell Physiology</i> , <b>1997</b> , 38, 499-502	4.9	20
121	Sex-specific cell division during development of unisexual flowers in the dioecious plant <i>Silene latifolia</i> . <i>Plant and Cell Physiology</i> , <b>2004</b> , 45, 795-802	4.9	20
120	Obtaining transgenic plants using the bio-active beads method. <i>Journal of Plant Research</i> , <b>2004</b> , 117, 95-9	2.6	19
119	The middle region of an HP1-binding protein, HP1-BP74, associates with linker DNA at the entry/exit site of nucleosomal DNA. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 6498-507	5.4	18
118	The nuclear scaffold protein SAF-A is required for kinetochore-microtubule attachment and contributes to the targeting of Aurora-A to mitotic spindles. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 394-404	5.3	18
117	CCLS96.1, a member of a multicopy gene family, may encode a non-coding RNA preferentially transcribed in reproductive organs of <i>Silene latifolia</i> . <i>DNA Research</i> , <b>2003</b> , 10, 213-20	4.5	18
116	Two types of <i>ftsZ</i> genes isolated from the unicellular primitive red alga <i>Galdieria sulphuraria</i> . <i>Plant and Cell Physiology</i> , <b>1999</b> , 40, 784-91	4.9	18
115	Assembly states of the nucleosome assembly protein 1 (NAP-1) revealed by sedimentation velocity and non-denaturing MS. <i>Biochemical Journal</i> , <b>2011</b> , 436, 101-12	3.8	17
114	Transformation of yeast using calcium alginate microbeads with surface-immobilized chromosomal DNA. <i>BioTechniques</i> , <b>2003</b> , 35, 734-6, 738-40	2.5	17
113	RAPD isolation of a Y chromosome specific ORF in a dioecious plant, <i>Silene latifolia</i> . <i>Genome</i> , <b>2002</b> , 45, 413-20	2.4	17
112	Development of a multistage classifier for a monitoring system of cell activity based on imaging of chromosomal dynamics. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2007</b> , 71, 286-96	4.6	16
111	MOLECULAR DIVERGENCE AND CHARACTERIZATION OF TWO CHLOROPLAST DIVISION GENES, FTSZ1 AND FTSZ2, IN THE UNICELLULAR GREEN ALGA NANNOCHLORIS BACILLARIS (CHLOROPHYTA)1. <i>Journal of Phycology</i> , <b>2004</b> , 40, 546-556	3	16
110	Distribution of interstitial telomere-like repeats and their adjacent sequences in a dioecious plant, <i>Silene latifolia</i> . <i>Chromosoma</i> , <b>2002</b> , 111, 313-20	2.8	16
109	Subnuclear gene positioning through lamina association affects copper tolerance. <i>Nature Communications</i> , <b>2020</b> , 11, 5914	17.4	16
108	Protein composition of human metaphase chromosomes analyzed by two-dimensional electrophoreses. <i>Cytogenetic and Genome Research</i> , <b>2004</b> , 107, 49-54	1.9	15
107	Characterization of two SEPALLATA MADS-box genes from the dioecious plant <i>Silene latifolia</i> . <i>Sexual Plant Reproduction</i> , <b>2004</b> , 17, 189-193		15
106	An upper limit of the ratio of DNA volume to nuclear volume exists in plants. <i>Genes and Genetic Systems</i> , <b>2005</b> , 80, 345-50	1.4	14

105	Ultrastructural analysis of the behavior of the dimorphic fungus <i>Microbotryum violaceum</i> in fungus-induced anthers of female <i>Silene latifolia</i> flowers. <i>Protoplasma</i> , <b>2005</b> , 226, 207-16	3.4	14
104	Isolation, characterization, and chromosomal mapping of an <i>ftsZ</i> gene from the unicellular primitive red alga <i>Cyanidium caldarium</i> RK-1. <i>Current Genetics</i> , <b>2000</b> , 37, 143-51	2.9	14
103	Auxin decreases chromatin accessibility through the TIR1/AFBs auxin signaling pathway in proliferative cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 7773	4.9	14
102	In vivo manipulation of fluorescently labeled organelles in living cells by multiphoton excitation. <i>Journal of Biomedical Optics</i> , <b>2008</b> , 13, 031213	3.5	13
101	Calreticulin as a new histone binding protein in mitotic chromosomes. <i>Cytogenetic and Genome Research</i> , <b>2006</b> , 115, 10-5	1.9	13
100	Application of visualization techniques for cell and tissue engineering. <i>Journal of Bioscience and Bioengineering</i> , <b>2013</b> , 115, 122-6	3.3	12
99	Novel anticancer agent, SQAP, binds to focal adhesion kinase and modulates its activity. <i>Scientific Reports</i> , <b>2015</b> , 5, 15136	4.9	12
98	The kinesin-like protein TOP promotes Aurora localisation and induces mitochondrial, chloroplast and nuclear division. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 2392-400	5.3	12
97	Visualization of Chromatin Loci with Transiently Expressed CRISPR/Cas9 in Plants. <i>Cytologia</i> , <b>2017</b> , 82, 559-562	0.9	11
96	Characterization of DNA Repair Foci in Root Cells of in Response to DNA Damage. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 990	6.2	10
95	Sex Chromosome Evolution Revealed by Physical Mapping of SLAP3X/Y in the Dioecious Plant <i>Silene latifolia</i> . <i>Cytologia</i> , <b>2010</b> , 75, 319-325	0.9	10
94	Characterization of a splicing variant of plant Aurora kinase. <i>Plant and Cell Physiology</i> , <b>2007</b> , 48, 369-74	4.9	10
93	Cytological Analysis of the Mature Pollen of <i>Actinidia deliciosa</i> (Kiwifruit).. <i>Cytologia</i> , <b>1996</b> , 61, 337-341	0.9	10
92	The 26S Proteasome Is Required for the Maintenance of Root Apical Meristem by Modulating Auxin and Cytokinin Responses Under High-Boron Stress. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 590	6.2	9
91	Aurora Kinase of the Red Alga <i>Cyanidioschyzon merolae</i> is Related to Both Mitochondrial Division and Mitotic Spindle Formation. <i>Cytologia</i> , <b>2011</b> , 76, 455-462	0.9	9
90	Crystal structure of <i>Pyrococcus horikoshii</i> PPC protein at 1.60 Å resolution. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2007</b> , 67, 505-7	4.2	9
89	Tracking a Single Organelle with Two-Photon Protein Conversion. <i>Optics and Photonics News</i> , <b>2007</b> , 18, 20	1.9	9
88	Plant condensin II is required for the correct spatial relationship between centromeres and rDNA arrays. <i>Nucleus</i> , <b>2019</b> , 10, 116-125	3.9	8

87	Heat and chilling stress induce nucleolus morphological changes. <i>Journal of Plant Research</i> , <b>2019</b> , 132, 395-403	2.6	8
86	Deep Imaging Analysis in VISUAL Reveals the Role of YABBY Genes in Vascular Stem Cell Fate Determination. <i>Plant and Cell Physiology</i> , <b>2020</b> , 61, 255-264	4.9	8
85	FISH Is in the Limelight Again As More Than a Cytogenetical Technique for Metaphase Chromosomes. <i>Cytologia</i> , <b>2016</b> , 81, 3-6	0.9	8
84	LSD1-LIKE1-Mediated H3K4me2 Demethylation Is Required for Homologous Recombination Repair. <i>Plant Physiology</i> , <b>2019</b> , 181, 499-509	6.6	8
83	Roles of GIG1 and UVI4 in genome duplication in Arabidopsis thaliana. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 1079-81	2.5	8
82	The Y chromosome-specific STS marker MS2 and its peripheral regions on the Y chromosome of the dioecious plant <i>Silene latifolia</i> . <i>Genome</i> , <b>2008</b> , 51, 251-60	2.4	8
81	An anther- and petal-specific gene SLMF1 is a multicopy gene with homologous sequences on sex chromosomes. <i>Genes and Genetic Systems</i> , <b>2005</b> , 80, 395-401	1.4	8
80	DNA methylation analysis of a male reproductive organ specific gene (MROS1) during pollen development. <i>Genome</i> , <b>2002</b> , 45, 930-8	2.4	8
79	Chromatin Live Imaging with Genome Editing Techniques: Switching from Scissors to a Lamp. <i>Cytologia</i> , <b>2016</b> , 81, 359-362	0.9	8
78	Live imaging of H3K9 acetylation in plant cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 45894	4.9	7
77	TPR5 is involved in directional cell division and is essential for the maintenance of meristem cell organization in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , <b>2016</b> , 67, 2401-11	7	7
76	Increase in Invaginated Vacuolar Membrane Structure Caused by Plant Cell Expansion by Genotoxic Stress Induced by DNA Double-Strand Breaks. <i>Cytologia</i> , <b>2014</b> , 79, 467-474	0.9	7
75	The use of repetitive DNA in cytogenetic studies of plant sex chromosomes. <i>Cytogenetic and Genome Research</i> , <b>2008</b> , 120, 247-54	1.9	7
74	Chromatin Tagging Systems Contribute to Live Imaging Analyses for Chromatin Dynamics. <i>Cytologia</i> , <b>2016</b> , 81, 121-123	0.9	7
73	Insights into cortical microtubule nucleation and dynamics in leaf cells. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	5.3	6
72	Direct quantitative evaluation of disease symptoms on living plant leaves growing under natural light. <i>Breeding Science</i> , <b>2017</b> , 67, 316-319	2	6
71	The chromosome peripheral proteins play an active role in chromosome dynamics. <i>Biomolecular Concepts</i> , <b>2010</b> , 1, 157-64	3.7	6
70	INTRACELLULAR MANIPULATION BY FEMTOSECOND LASERS: REVIEW. <i>Journal of Innovative Optical Health Sciences</i> , <b>2009</b> , 02, 1-8	1.2	6



69	Isolation and characterization of two homeodomain leucine zipper genes from the dioecious plant <i>Silene latifolia</i> . <i>Genes and Genetic Systems</i> , <b>2003</b> , 78, 353-61	1.4	6
68	An <i>Arabidopsis thaliana</i> Gene on the Yeast Artificial Chromosome Can Be Transcribed in Tobacco Cells. <i>Cytologia</i> , <b>2004</b> , 69, 235-240	0.9	6
67	Two combinatorial patterns of telomere histone marks in plants with canonical and non-canonical telomere repeats. <i>Plant Journal</i> , <b>2020</b> , 102, 678-687	6.9	6
66	Plant Aurora kinases interact with and phosphorylate transcription factors. <i>Journal of Plant Research</i> , <b>2016</b> , 129, 1165-1178	2.6	6
65	The formation of perinucleolar bodies is important for normal leaf development and requires the zinc-finger DNA-binding motif in <i>Arabidopsis</i> ASYMMETRIC LEAVES2. <i>Plant Journal</i> , <b>2020</b> , 101, 1118-1134	6.9	6
64	ASURA (PHB2) Is Required for Kinetochore Assembly and Subsequent Chromosome Congression. <i>Acta Histochemica Et Cytochemica</i> , <b>2011</b> , 44, 247-58	1.9	5
63	Clear visualization of the products of nonradioactive in situ hybridization in plant tissue by simple dark-field microscopy. <i>Micron</i> , <b>1997</b> , 28, 185-187	2.3	5
62	Crystallization and preliminary X-ray crystallographic analysis of a conserved domain in plants and prokaryotes from <i>Pyrococcus horikoshii</i> OT3. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2005</b> , 61, 414-6		5
61	Optical isolation of individual mitochondria of <i>Physarum polycephalum</i> for PCR analysis. <i>Protoplasma</i> , <b>1996</b> , 194, 275-279	3.4	5
60	Application of the Bio-Active Beads Method in Rice Transformation. <i>Plant Biotechnology</i> , <b>2004</b> , 21, 303-306	3.6	5
59	Isolation method for human metaphase chromosomes. <i>Protocol Exchange</i> ,		5
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57	Thiazoline-related innate fear stimuli orchestrate hypothermia and anti-hypoxia via sensory TRPA1 activation. <i>Nature Communications</i> , <b>2021</b> , 12, 2074	17.4	5
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