

Peter J Shaw

List of Publications by Year in descending order

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147
papers

9,327
citations

25034

57
h-index

43889

91
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196
all docs

196
docs citations

196
times ranked

7171
citing authors

#	ARTICLE	IF	CITATIONS
1	Chapter 13 Fluorescence Microscopy in Three Dimensions. <i>Methods in Cell Biology</i> , 1989, 30, 353-377.	1.1	595
2	The Nucleolus. <i>Annual Review of Cell and Developmental Biology</i> , 1995, 11, 93-121.	9.4	394
3	Proteomic Analysis of the Arabidopsis Nucleolus Suggests Novel Nucleolar Functions. <i>Molecular Biology of the Cell</i> , 2005, 16, 260-269.	2.1	352
4	An actin network is present in the cytoplasm throughout the cell cycle of carrot cells and associates with the dividing nucleus.. <i>Journal of Cell Biology</i> , 1987, 105, 387-395.	5.2	340
5	KOJAK encodes a cellulose synthase-like protein required for root hair cell morphogenesis in Arabidopsis. <i>Genes and Development</i> , 2001, 15, 79-89.	5.9	232
6	The Ph1 locus is needed to ensure specific somatic and meiotic centromere association. <i>Nature</i> , 2001, 411, 204-207.	27.8	217
7	Microinjected profilin affects cytoplasmic streaming in plant cells by rapidly depolymerizing actin microfilaments. <i>Current Biology</i> , 1994, 4, 215-219.	3.9	215
8	Dynamic reorientation of cortical microtubules, from transverse to longitudinal, in living plant cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 6050-6053.	7.1	197
9	Structure and function of the nucleolus in the spotlight. <i>Current Opinion in Cell Biology</i> , 2006, 18, 325-334.	5.4	192
10	High-throughput protein localization in Arabidopsis using Agrobacterium-mediated transient expression of GFP-ORF fusions. <i>Plant Journal</i> , 2004, 41, 162-174.	5.7	190
11	New Insights into Nucleolar Architecture and Activity. <i>International Review of Cytology</i> , 2006, 255, 177-235.	6.2	161
12	The pointâ€spread function of a confocal microscope: its measurement and use in deconvolution of 3â€ data. <i>Journal of Microscopy</i> , 1991, 163, 151-165.	1.8	156
13	The Movement of Coiled Bodies Visualized in Living Plant Cells by the Green Fluorescent Protein. <i>Molecular Biology of the Cell</i> , 1999, 10, 2297-2307.	2.1	138
14	Transcription Sites Are Not Correlated with Chromosome Territories in Wheat Nuclei. <i>Journal of Cell Biology</i> , 1998, 143, 5-12.	5.2	135
15	Homologue recognition during meiosis is associated with a change in chromatin conformation. <i>Nature Cell Biology</i> , 2004, 6, 906-908.	10.3	135
16	Chromatin organization and cell fate switch respond to positional information in Arabidopsis. <i>Nature</i> , 2006, 439, 493-496.	27.8	135
17	Exploiting the ZIP4 homologue within the wheat Ph1 locus has identified two lines exhibiting homoeologous crossover in wheat-wild relative hybrids. <i>Molecular Breeding</i> , 2017, 37, 95.	2.1	126
18	<i>Arabidopsis</i> POT1A interacts with TERT-V(18), an N-terminal splicing variant of telomerase. <i>Journal of Cell Science</i> , 2007, 120, 3678-3687.	2.0	123

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19	A Distant Coilin Homologue Is Required for the Formation of Cajal Bodies in Arabidopsis. <i>Molecular Biology of the Cell</i> , 2006, 17, 2942-2951.	2.1	122
20	Plant nuclear bodies. <i>Current Opinion in Plant Biology</i> , 2004, 7, 614-620.	7.1	118
21	Systematic Spatial Analysis of Gene Expression during Wheat Caryopsis Development. <i>Plant Cell</i> , 2005, 17, 2172-2185.	6.6	112
22	Tilted view reconstruction in optical microscopy. Three-dimensional reconstruction of <i>Drosophila melanogaster</i> embryo nuclei. <i>Biophysical Journal</i> , 1989, 55, 101-110.	0.5	111
23	The <i>Ph1</i> Locus Suppresses Cdk2-Type Activity during Premeiosis and Meiosis in Wheat. <i>Plant Cell</i> , 2012, 24, 152-162.	6.6	109
24	Nucleoli: Composition, Function, and Dynamics. <i>Plant Physiology</i> , 2012, 158, 44-51.	4.8	109
25	Dual effect of the wheat <i>Ph1</i> locus on chromosome synapsis and crossover. <i>Chromosoma</i> , 2017, 126, 669-680.	2.2	108
26	Endoplasmic microtubules connect the advancing nucleus to the tip of legume root hairs, but F-actin is involved in basipetal migration. <i>Cytoskeleton</i> , 1987, 8, 27-36.	4.4	105
27	Chromosomes form into seven groups in hexaploid and tetraploid wheat as a prelude to meiosis. <i>Plant Journal</i> , 2003, 36, 21-29.	5.7	101
28	Nucleus-associated microtubules help determine the division plane of plant epidermal cells: avoidance of four-way junctions and the role of cell geometry. <i>Journal of Cell Biology</i> , 1990, 110, 1111-1122.	5.2	99
29	Dissecting the centromere of the human Y chromosome with cloned telomeric DNA. <i>Human Molecular Genetics</i> , 1994, 3, 1227-1237.	2.9	99
30	Effective chromosome pairing requires chromatin remodeling at the onset of meiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6075-6080.	7.1	97
31	Magnesium Increases Homoeologous Crossover Frequency During Meiosis in ZIP4 (<i>Ph1</i> Gene) Mutant Wheat-Wild Relative Hybrids. <i>Frontiers in Plant Science</i> , 2018, 9, 509.	3.6	96
32	Association of homologous chromosomes during floral development. <i>Current Biology</i> , 1997, 7, 905-908.	3.9	95
33	Clusters of multiple different small nucleolar RNA genes in plants are expressed as and processed from polycistronic pre-snoRNAs. <i>EMBO Journal</i> , 1997, 16, 5742-5751.	7.8	93
34	<i>CycD1</i> , a Putative G1 Cyclin from <i>Antirrhinum majus</i> , Accelerates the Cell Cycle in Cultured Tobacco BY-2 Cells by Enhancing Both G1/S Entry and Progression through S and G2 Phases. <i>Plant Cell</i> , 2004, 16, 2364-2379.	6.6	93
35	Aberrant mRNA Transcripts and the Nonsense-Mediated Decay Proteins UPF2 and UPF3 Are Enriched in the <i>Arabidopsis</i> Nucleolus. <i>Plant Cell</i> , 2009, 21, 2045-2057.	6.6	93
36	Licensing MLH1 sites for crossover during meiosis. <i>Nature Communications</i> , 2014, 5, 4580.	12.8	91

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37	Dynamic Behavior of <i>Arabidopsis</i> eIF4A-III, Putative Core Protein of Exon Junction Complex: Fast Relocation to Nucleolus and Splicing Speckles under Hypoxia. <i>Plant Cell</i> , 2009, 21, 1592-1606.	6.6	88
38	Association of Phosphatidylinositol 3-Kinase with Nuclear Transcription Sites in Higher Plants. <i>Plant Cell</i> , 2000, 12, 1679-1687.	6.6	87
39	Localization of telomeres in plant interphase nuclei by in situ hybridization and 3D confocal microscopy. <i>Chromosoma</i> , 1991, 100, 424-431.	2.2	86
40	Polyploidy Induces Centromere Association. <i>Journal of Cell Biology</i> , 2000, 148, 233-238.	5.2	80
41	<i>AHP2</i> is required for bivalent formation and for segregation of homologous chromosomes in <i>Arabidopsis</i> meiosis. <i>Plant Journal</i> , 2003, 36, 1-11.	5.7	78
42	Organization and dynamics of plant interphase chromosomes. <i>Trends in Plant Science</i> , 2011, 16, 273-281.	8.8	77
43	Chromatin: linking structure and function in the nucleolus. <i>Chromosoma</i> , 2009, 118, 11-23.	2.2	75
44	Physical clustering of <i>FLC</i> alleles during Polycomb-mediated epigenetic silencing in vernalization. <i>Genes and Development</i> , 2013, 27, 1845-1850.	5.9	74
45	Monoclonal antibodies to plant nuclear matrix reveal intermediate filament-related components within the nucleus. <i>Journal of Cell Science</i> , 1991, 98, 293-302.	2.0	74
46	Three-dimensional organization of ribosomal DNA in interphase nuclei of <i>Pisum sativum</i> by in situ hybridization and optical tomography. <i>Chromosoma</i> , 1990, 99, 143-151.	2.2	71
47	Chromosomes associate premeiotically and in xylem vessel cells via their telomeres and centromeres in diploid rice (<i>Oryza sativa</i>). <i>Chromosoma</i> , 2004, 112, 300-307.	2.2	71
48	PIS1, a negative regulator of the action of auxin transport inhibitors in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 1997, 12, 583-595.	5.7	69
49	<i>Arabidopsis</i> nucleolar protein database (AtNoPDB). <i>Nucleic Acids Research</i> , 2004, 33, D633-D636.	14.5	68
50	Dynamic microtubules under the radial and outer tangential walls of microinjected pea epidermal cells observed by computer reconstruction. <i>Plant Journal</i> , 1995, 7, 17-23.	5.7	67
51	Cell Differentiation and Development in <i>Arabidopsis</i> Are Associated with Changes in Histone Dynamics at the Single-Cell Level. <i>Plant Cell</i> , 2015, 26, 4821-4833.	6.6	66
52	Widely separated multiple transgene integration sites in wheat chromosomes are brought together at interphase. <i>Plant Journal</i> , 2000, 24, 713-723.	5.7	66
53	“Open minded” cells: how cells can change fate. <i>Trends in Cell Biology</i> , 2007, 17, 101-106.	7.9	63
54	Cell Type-Specific Chromatin Decondensation of a Metabolic Gene Cluster in Oats. <i>Plant Cell</i> , 2010, 21, 3926-3936.	6.6	63

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55	Deconvolution in 3-D optical microscopy. <i>The Histochemical Journal</i> , 1994, 26, 687-694.	0.6	60
56	The architecture of interphase chromosomes and gene positioning are altered by changes in DNA methylation and histone acetylation. <i>Journal of Cell Science</i> , 2002, 115, 4597-4605.	2.0	59
57	Small Nucleolar RNAs and Pre-rRNA Processing in Plants. <i>Plant Cell</i> , 1998, 10, 649-657.	6.6	58
58	The Nucleolus: Playing by Different Rules?. <i>Cell Cycle</i> , 2005, 4, 102-105.	2.6	57
59	Single ribosomal transcription units are linear, compacted Christmas trees in plant nucleoli. <i>Plant Journal</i> , 2001, 27, 223-233.	5.7	55
60	Crystallographic structure analysis of glucose 6-phosphate isomerase at 3.5 Å resolution. <i>Journal of Molecular Biology</i> , 1977, 109, 475-485.	4.2	54
61	Interphase chromosomes and the Rabl configuration: does genome size matter?. <i>Journal of Microscopy</i> , 2004, 214, 201-206.	1.8	51
62	Gibberellic acid-induced reorientation of cortical microtubules in living plant cells. <i>Journal of Microscopy</i> , 1996, 181, 140-144.	1.8	48
63	Molecular characterisation of plant U14 small nucleolar RNA genes: closely linked genes are transcribed as polycistronic U14 transcripts. <i>Nucleic Acids Research</i> , 1994, 22, 5196-5203.	14.5	46
64	Three-dimensional architecture of the cell sheath and septa of <i>Methanospirillum hungatei</i> . <i>Journal of Bacteriology</i> , 1985, 161, 750-757.	2.2	46
65	Genome-Wide Transcription During Early Wheat Meiosis Is Independent of Synapsis, Ploidy Level, and the Ph1 Locus. <i>Frontiers in Plant Science</i> , 2018, 9, 1791.	3.6	44
66	The active site of glucose phosphate isomerase. <i>FEBS Letters</i> , 1976, 65, 50-55.	2.8	42
67	Immuno-gold localization of cytochrome f, light-harvesting complex, ATP synthase and ribulose 1,5-bisphosphate carboxylase/oxygenase. <i>Planta</i> , 1985, 165, 333-339.	3.2	42
68	Fluorescence in situ hybridization on vibratome sections of plant tissues. <i>Nature Protocols</i> , 2007, 2, 1831-1838.	12.0	42
69	Plant U13 orthologues and orphan snoRNAs identified by RNomics of RNA from <i>Arabidopsis</i> nucleoli. <i>Nucleic Acids Research</i> , 2010, 38, 3054-3067.	14.5	39
70	Cell cycle-dependent changes in labelling of specific phosphoproteins by the monoclonal antibody MPM2 in plant cells. <i>Plant Journal</i> , 1992, 2, 723-732.	5.7	37
71	Quantitative Dynamics of Telomere Bouquet Formation. <i>PLoS Computational Biology</i> , 2012, 8, e1002812.	3.2	37
72	Gene activation and deactivation related changes in the three-dimensional structure of chromatin. <i>Chromosoma</i> , 2005, 114, 331-337.	2.2	36

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73	A cyclin-dependent protein kinase, CDKC2, colocalizes with and modulates the distribution of spliceosomal components in Arabidopsis. <i>Plant Journal</i> , 2008, 54, 220-235.	5.7	36
74	A pea homologue of human DNA helicase I is localized within the dense fibrillar component of the nucleolus and stimulated by phosphorylation with CK2 and cdc2 protein kinases. <i>Plant Journal</i> , 2001, 25, 9-17.	5.7	36
75	Inducing chromosome pairing through premature condensation: analysis of wheat interspecific hybrids. <i>Functional and Integrative Genomics</i> , 2010, 10, 603-608.	3.5	35
76	Genome-wide identification of physically clustered genes suggests chromatin-level co-regulation in male reproductive development in Arabidopsis thaliana. <i>Nucleic Acids Research</i> , 2017, 45, 3253-3265.	14.5	35
77	Confocal laser microscopy and three-dimensional reconstruction of nucleus-associated microtubules in the division plane of vacuolated plant cells. <i>Journal of Microscopy</i> , 1992, 166, 99-109.	1.8	34
78	The architecture of interphase chromosomes and nucleolar transcription sites in plants. <i>Journal of Structural Biology</i> , 2002, 140, 31-38.	2.8	34
79	Comparison of Widefield/Deconvolution and Confocal Microscopy for Three-Dimensional Imaging. , 2006, , 453-467.		34
80	Localization of ribosomal and telomeric DNA sequences in intact plant nuclei by <i>in situ</i> hybridization and three-dimensional optical microscopy. <i>Journal of Microscopy</i> , 1990, 157, 83-89.	1.8	33
81	Improving the chances of finding the right partner. <i>Current Opinion in Genetics and Development</i> , 2009, 19, 99-104.	3.3	33
82	Insights into Chromatin Structure and Dynamics in Plants. <i>Biology</i> , 2013, 2, 1378-1410.	2.8	33
83	Cloning and Characterization of a Dihydrolipoamide Acetyltransferase (E2) Subunit of the Pyruvate Dehydrogenase Complex from Arabidopsis thaliana. <i>Journal of Biological Chemistry</i> , 1995, 270, 5412-5417.	3.4	32
84	Splicing-independent processing of plant box C/D and box H/ACA small nucleolar RNAs. <i>Plant Molecular Biology</i> , 1999, 39, 1091-1100.	3.9	32
85	Assembly of cell-wall glycoproteins of Chlamydomonas reinhardtii: Oligosaccharides are added in medial and trans Golgi compartments. <i>Planta</i> , 1987, 171, 302-312.	3.2	31
86	Interplay of Ribosomal DNA Loci in Nucleolar Dominance: Dominant NORs Are Up-Regulated by Chromatin Dynamics in the Wheat-Rye System. <i>PLoS ONE</i> , 2008, 3, e3824.	2.5	31
87	AtTRB1, a telomeric DNA-binding protein from Arabidopsis, is concentrated in the nucleolus and shows highly dynamic association with chromatin. <i>Plant Journal</i> , 2010, 61, 637-649.	5.7	29
88	Three-dimensional fluorescence microscopy. <i>Progress in Biophysics and Molecular Biology</i> , 1991, 56, 187-213.	2.9	28
89	The zygote cell wall of Chlamydomonas reinhardtii: a structural, chemical and immunological approach. <i>Planta</i> , 1987, 170, 433-445.	3.2	27
90	ATP-dependent regulation of nuclear Ca ²⁺ levels in plant cells. <i>FEBS Letters</i> , 2000, 476, 145-149.	2.8	27

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91	An optical imaging chamber for viewing living plant cells and tissues at high resolution for extended periods. <i>Plant Methods</i> , 2015, 11, 22.	4.3	24
92	A Co-Expression Network in Hexaploid Wheat Reveals Mostly Balanced Expression and Lack of Significant Gene Loss of Homeologous Meiotic Genes Upon Polyploidization. <i>Frontiers in Plant Science</i> , 2019, 10, 1325.	3.6	24
93	Nucleolar organizer expression in <i>Allium cepa</i> L. chromosomes. <i>Chromosoma</i> , 1996, 105, 12-19.	2.2	23
94	Centromeres Cluster De Novo at the Beginning of Meiosis in <i>Brachypodium distachyon</i> . <i>PLoS ONE</i> , 2012, 7, e44681.	2.5	23
95	Dmc1 is a candidate for temperature tolerance during wheat meiosis. <i>Theoretical and Applied Genetics</i> , 2020, 133, 809-828.	3.6	23
96	Large-scale chromatin decondensation induced in a developmentally activated transgene locus. <i>Journal of Cell Science</i> , 2005, 118, 1021-1031.	2.0	22
97	Widely dispersed DNA within plant and animal nucleoli visualised by 3-D fluorescence microscopy. <i>Chromosoma</i> , 1992, 101, 478-482.	2.2	21
98	Three-dimensional modelling of wheat endosperm development. <i>New Phytologist</i> , 2005, 168, 253-262.	7.3	21
99	A streamlined method for systematic, high resolution in situ analysis of mRNA distribution in plants. <i>Plant Methods</i> , 2005, 1, 8.	4.3	21
100	Ca ²⁺ Oscillations in Plant Cells: Initiation by Rapid Elevation in Cytosolic Free Ca ²⁺ Levels. <i>Biochemical and Biophysical Research Communications</i> , 1997, 234, 690-694.	2.1	20
101	The nucleus: a highly organized but dynamic structure. <i>Journal of Microscopy</i> , 2000, 198, 199-207.	1.8	20
102	Three-dimensional structure of pig muscle phosphoglucose isomerase at 6 Å... resolution. <i>Journal of Molecular Biology</i> , 1974, 89, 195-203.	4.2	19
103	An analysis of seed development in <i>Pisum sativum</i> V. Fluorescence triple staining for investigating cotyledon cell development. <i>Protoplasma</i> , 1987, 140, 164-172.	2.1	18
104	Confocal microscopy and image processing in the study of plant nuclear structure. <i>Journal of Microscopy</i> , 1992, 166, 87-97.	1.8	18
105	Identification and localisation of a nucleoporin-like protein component of the plant nuclear matrix. <i>Planta</i> , 1992, 187, 414-20.	3.2	17
106	Scale biogenesis in the green alga, <i>Mesostigma viride</i> . <i>Protoplasma</i> , 1992, 167, 19-32.	2.1	17
107	The low-resolution structure of human muscle aldolase. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1981, 293, 209-214.	2.3	16
108	Association of Multiple GTP-Binding Proteins with the Plant Cytoskeleton and Nuclear Matrix. <i>Biochemical and Biophysical Research Communications</i> , 1995, 210, 7-13.	2.1	16

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109	Meiosis: vive la difference!. <i>Current Opinion in Plant Biology</i> , 1998, 1, 458-462.	7.1	16
110	The use of vibratome sections of cereal spikelets to study anther development and meiosis. <i>Plant Journal</i> , 1998, 14, 503-508.	5.7	16
111	Three-dimensional structure of a cell wall glycoprotein. <i>Journal of Molecular Biology</i> , 1982, 162, 459-471.	4.2	15
112	Microinjection of fluorescent tubulin into plant cells provides a representative picture of the cortical microtubule array. <i>Plant Journal</i> , 1997, 12, 229-234.	5.7	14
113	Tilted specimen in the electron microscope: A simple specimen holder and the calculation of tilt angles for crystalline specimens. <i>Micron</i> (1969), 1981, 12, 279-282.	0.1	12
114	Constrained least-squares fitting of the lattice lines in three-dimensional reconstruction of monolayer crystals. <i>Ultramicroscopy</i> , 1984, 14, 363-365.	1.9	12
115	Microtubules rich in post-translationally modified α -tubulin form distinct arrays in frog lens epithelial cells. <i>Experimental Eye Research</i> , 1991, 52, 743-753.	2.6	11
116	In situ methods to localize transgenes and transcripts in interphase nuclei: a tool for transgenic plant research. <i>Plant Methods</i> , 2006, 2, 18.	4.3	11
117	Preparation of Arabidopsis Nuclei and Nucleoli. <i>Methods in Molecular Biology</i> , 2008, 463, 67-75.	0.9	11
118	Chromosome organization in wheat endosperm and embryo. <i>Cytogenetic and Genome Research</i> , 2005, 109, 175-180.	1.1	10
119	3D gold <i>in situ</i> labelling in the EM. <i>Plant Journal</i> , 2002, 29, 237-243.	5.7	9
120	Proximal–distal patterns of transcription factor gene expression during Arabidopsis root development. <i>Journal of Experimental Botany</i> , 2008, 59, 235-245.	4.8	9
121	The Structure of rDNA Chromatin. , 2011, , 43-55.		9
122	Subunit arrangement of spinach ribulose 1,5-bisphosphate carboxylase/oxygenase. <i>Planta</i> , 1985, 163, 141-144.	3.2	8
123	Effect of 5-azacytidine and trichostatin A on somatic centromere association in wheat. <i>Genome</i> , 2004, 47, 399-403.	2.0	8
124	Mass spectrometry in plant proteomic analysis. <i>Plant Biosystems</i> , 2010, 144, 703-714.	1.6	8
125	A pea homologue of human DNA helicase I is localized within the dense fibrillar component of the nucleolus and stimulated by phosphorylation with CK2 and cdc2 protein kinases. <i>Plant Journal</i> , 2001, 25, 9-17.	5.7	7
126	Chromatin and Arabidopsis root development. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 580-585.	5.0	7

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127	Mapping chromatin conformation. F1000 Biology Reports, 2010, 2, .	4.0	7
128	Native and Artificial Reticuloplasmins Co-Accumulate in Distinct Domains of the Endoplasmic Reticulum and in Post-Endoplasmic Reticulum Compartments. Plant Physiology, 2001, 127, 1212-1223.	4.8	6
129	Nucleolar organizer expression in <i>Allium cepa</i> L. chromosomes. Chromosoma, 1996, 105, 12-19.	2.2	6
130	The cell wall of the chlamydomonad flagellate, <i>Gloeomonas kupfferi</i> (Volvocales, Chlorophyta). Protoplasma, 1992, 168, 95-105.	2.1	5
131	Widely separated multiple transgene integration sites in wheat chromosomes are brought together at interphase. Plant Journal, 2000, 24, 713-723.	5.7	5
132	In situ Analysis of Gene Expression in Plants. Methods in Molecular Biology, 2009, 513, 229-242.	0.9	5
133	The Plant Nucleolus. , 2013, , 65-76.		4
134	Immunolabeling and In Situ Labeling of Isolated Plant Interphase Nuclei. Methods in Molecular Biology, 2016, 1429, 65-76.	0.9	4
135	Cell wall glycoproteins of : Negative stain electron microscopy and epitope mapping of the molecules. Cell Biology International Reports, 1990, 14, 47-58.	0.6	2
136	Small Nucleolar RNAs and Pre-rRNA Processing in Plants. Plant Cell, 1998, 10, 649.	6.6	2
137	Plasticity of Chromatin Organization in the Plant Interphase Nucleus. , 2015, , 57-79.		2
138	Isolation of Nuclei and Nucleoli. Methods in Molecular Biology, 2017, 1511, 31-44.	0.9	2
139	Two-Photon Photoactivation to Measure Histone Exchange Dynamics in Plant Root Cells. Bio-protocol, 2015, 5, .	0.4	2
140	The formation of two-dimensional arrays of isometric plant viruses in the presence of polyethylene glycol. Micron (1969), 1981, 12, 37-45.	0.1	1
141	A flat-bed scanning microdensitometer for computer image processing of electron micrographs. Micron (1969), 1981, 12, 123-130.	0.1	1
142	Nuclear Ca ²⁺ -fluxes and phosphoinositides in plants. Biochemical Society Transactions, 1995, 23, 581S-581S.	3.4	1
143	The formation of two-dimensional arrays of isometric plant viruses in the presence of polyethylene glycol. Micron (1969), 1980, 11, 373-374.	0.1	0
144	Monoclonal antibodies to the plant nuclear matrix. Cell Biology International Reports, 1987, 11, 244.	0.6	0

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145	Cell biology: From molecules to cells to organisms. <i>Current Opinion in Plant Biology</i> , 1999, 2, 437-439.	7.1	0
146	Association of Phosphatidylinositol 3-Kinase with Nuclear Transcription Sites in Higher Plants. <i>Plant Cell</i> , 2000, 12, 1679.	6.6	0
147	Confocal microscopy, image restoration, and nuclear structure. <i>Proceedings Annual Meeting Electron Microscopy Society of America</i> , 1993, 51, 146-147.	0.0	0