

Jinxing Lin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2078035/jinxing-lin-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

4,825
citations

42
h-index

63
g-index

162
ext. papers

6,128
ext. citations

7.3
avg, IF

5.47
L-index

#	Paper	IF	Citations
153	Elevated CO ₂ induces physiological, biochemical and structural changes in leaves of <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2006 , 172, 92-103	9.8	233
152	Single-molecule analysis of PIP2;1 dynamics and partitioning reveals multiple modes of <i>Arabidopsis</i> plasma membrane aquaporin regulation. <i>Plant Cell</i> , 2011 , 23, 3780-97	11.6	178
151	A membrane microdomain-associated protein, <i>Arabidopsis</i> Flot1, is involved in a clathrin-independent endocytic pathway and is required for seedling development. <i>Plant Cell</i> , 2012 , 24, 2105-22	11.6	142
150	Study of the inhibitory effect of water-soluble fullerenes on plant growth at the cellular level. <i>ACS Nano</i> , 2010 , 4, 5743-8	16.7	139
149	Clathrin and Membrane Microdomains Cooperatively Regulate RbohD Dynamics and Activity in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014 , 26, 1729-1745	11.6	128
148	Endocytosis and its regulation in plants. <i>Trends in Plant Science</i> , 2015 , 20, 388-97	13.1	118
147	Dynamic analysis of <i>Arabidopsis</i> AP2 β subunit reveals a key role in clathrin-mediated endocytosis and plant development. <i>Development (Cambridge)</i> , 2013 , 140, 3826-37	6.6	104
146	Analysis of interactions among the CLAVATA3 receptors reveals a direct interaction between CLAVATA2 and CORYNE in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010 , 61, 223-33	6.9	102
145	The signal transducer NPH3 integrates the phototropin1 photosensor with PIN2-based polar auxin transport in <i>Arabidopsis</i> root phototropism. <i>Plant Cell</i> , 2012 , 24, 551-65	11.6	102
144	Anatomical and chemical characteristics associated with lodging resistance in wheat. <i>Crop Journal</i> , 2013 , 1, 43-49	4.6	84
143	The extreme drought in the 1920s and its effect on tree growth deduced from tree ring analysis: a case study in North China. <i>Annals of Forest Science</i> , 2003 , 60, 145-152	3.1	82
142	Disruption of actin filaments by latrunculin B affects cell wall construction in <i>Picea meyeri</i> pollen tube by disturbing vesicle trafficking. <i>Plant and Cell Physiology</i> , 2007 , 48, 19-30	4.9	81
141	Pollen dispersion, pollen viability and pistil receptivity in <i>Leymus chinensis</i> . <i>Annals of Botany</i> , 2004 , 93, 295-301	4.1	81
140	Spatiotemporal Dynamics of the BRI1 Receptor and its Regulation by Membrane Microdomains in Living <i>Arabidopsis</i> Cells. <i>Molecular Plant</i> , 2015 , 8, 1334-49	14.4	79
139	Boron influences pollen germination and pollen tube growth in <i>Picea meyeri</i> . <i>Tree Physiology</i> , 2003 , 23, 345-51	4.2	78
138	Effects of brefeldin A on pollen germination and tube growth. Antagonistic effects on endocytosis and secretion. <i>Plant Physiology</i> , 2005 , 139, 1692-703	6.6	78
137	Nitric oxide modulates the influx of extracellular Ca ²⁺ and actin filament organization during cell wall construction in <i>Pinus bungeana</i> pollen tubes. <i>New Phytologist</i> , 2009 , 182, 851-862	9.8	77

136	Stagnant deoxygenated growth enhances root suberization and lignifications, but differentially affects water and NaCl permeabilities in rice (<i>Oryza sativa</i> L.) roots. <i>Plant, Cell and Environment</i> , 2011 , 34, 1223-40	8.4	75
135	Accumulation of copper by roots, hypocotyls, cotyledons and leaves of sunflower (<i>Helianthus annuus</i> L.). <i>Bioresource Technology</i> , 2003 , 86, 151-5	11	73
134	Imaging of dynamic secretory vesicles in living pollen tubes of <i>Picea meyeri</i> using evanescent wave microscopy. <i>Plant Physiology</i> , 2006 , 141, 1591-603	6.6	71
133	Single-particle analysis reveals shutoff control of the <i>Arabidopsis</i> ammonium transporter AMT1;3 by clustering and internalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13204-9	11.5	68
132	Identification and characterization of small non-coding RNAs from Chinese fir by high throughput sequencing. <i>BMC Plant Biology</i> , 2012 , 12, 146	5.3	66
131	<i>Arabidopsis</i> R-SNARE proteins VAMP721 and VAMP722 are required for cell plate formation. <i>PLoS ONE</i> , 2011 , 6, e26129	3.7	65
130	Differential display proteomic analysis of <i>Picea meyeri</i> pollen germination and pollen-tube growth after inhibition of actin polymerization by latrunculin B. <i>Plant Journal</i> , 2006 , 47, 174-95	6.9	64
129	Fullerene-induced increase of glycosyl residue on living plant cell wall. <i>Environmental Science & Technology</i> , 2013 , 47, 7490-8	10.3	63
128	Stomatal density and needle anatomy of Scots pine (<i>Pinus sylvestris</i>) are affected by elevated CO ₂ . <i>New Phytologist</i> , 2001 , 150, 665-674	9.8	63
127	The regulation of cambial activity in Chinese fir (<i>Cunninghamia lanceolata</i>) involves extensive transcriptome remodeling. <i>New Phytologist</i> , 2013 , 199, 708-19	9.8	55
126	Casparian strip development and its potential function in salt tolerance. <i>Plant Signaling and Behavior</i> , 2011 , 6, 1499-502	2.5	53
125	Actin turnover is required for myosin-dependent mitochondrial movements in <i>Arabidopsis</i> root hairs. <i>PLoS ONE</i> , 2009 , 4, e5961	3.7	53
124	Dendroclimatic evaluation of climate-growth relationships of Meyer spruce (<i>Picea meyeri</i>) on a sandy substrate in semi-arid grassland, north China. <i>Trees - Structure and Function</i> , 2001 , 15, 230-235	2.6	52
123	Roles of the ubiquitin/proteasome pathway in pollen tube growth with emphasis on MG132-induced alterations in ultrastructure, cytoskeleton, and cell wall components. <i>Plant Physiology</i> , 2006 , 141, 1578-90	6.6	51
122	MicroRNA857 Is Involved in the Regulation of Secondary Growth of Vascular Tissues in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2015 , 169, 2539-52	6.6	50
121	Awns play a dominant role in carbohydrate production during the grain-filling stages in wheat (<i>Triticum aestivum</i>). <i>Physiologia Plantarum</i> , 2006 , 127, 701-709	4.6	48
120	The Histone H3K4 Demethylase JMJ16 Represses Leaf Senescence in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2019 , 31, 430-443	11.6	47
119	Combined proteomic and cytological analysis of Ca ²⁺ -calmodulin regulation in <i>Picea meyeri</i> pollen tube growth. <i>Plant Physiology</i> , 2009 , 149, 1111-26	6.6	47

118	Transcriptome-wide identification and characterization of miRNAs from <i>Pinus densata</i> . <i>BMC Genomics</i> , 2012 , 13, 132	4.5	46
117	Variable-angle total internal reflection fluorescence microscopy of intact cells of <i>Arabidopsis thaliana</i> . <i>Plant Methods</i> , 2011 , 7, 27	5.8	46
116	Subcellular Redistribution of Root Aquaporins Induced by Hydrogen Peroxide. <i>Molecular Plant</i> , 2015 , 8, 1103-14	14.4	45
115	Lignification and lignin heterogeneity for various age classes of bamboo (<i>Phyllostachys pubescens</i>) stems. <i>Physiologia Plantarum</i> , 2002 , 114, 296-302	4.6	45
114	Single-molecule fluorescence imaging to quantify membrane protein dynamics and oligomerization in living plant cells. <i>Nature Protocols</i> , 2015 , 10, 2054-63	18.8	44
113	Golgi apparatus-localized synaptotagmin 2 is required for unconventional secretion in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2011 , 6, e26477	3.7	43
112	Differential Regulation of Clathrin and Its Adaptor Proteins during Membrane Recruitment for Endocytosis. <i>Plant Physiology</i> , 2016 , 171, 215-29	6.6	43
111	Phosphorylation-Mediated Dynamics of Nitrate Transceptor NRT1.1 Regulate Auxin Flux and Nitrate Signaling in Lateral Root Growth. <i>Plant Physiology</i> , 2019 , 181, 480-498	6.6	42
110	Membrane microdomains and the cytoskeleton constrain AtHIR1 dynamics and facilitate the formation of an AtHIR1-associated immune complex. <i>Plant Journal</i> , 2017 , 90, 3-16	6.9	41
109	Advances in Imaging Plant Cell Walls. <i>Trends in Plant Science</i> , 2019 , 24, 867-878	13.1	41
108	Multifeature analyses of vascular cambial cells reveal longevity mechanisms in old trees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2201-2210	11.5	39
107	Reliable dissipative control of discrete-time switched singular systems with mixed time delays and stochastic actuator failures. <i>IET Control Theory and Applications</i> , 2013 , 7, 1447-1462	2.5	38
106	Probing plasma membrane dynamics at the single-molecule level. <i>Trends in Plant Science</i> , 2013 , 18, 617-24	13.1	35
105	Techniques for detecting protein-protein interactions in living cells: principles, limitations, and recent progress. <i>Science China Life Sciences</i> , 2019 , 62, 619-632	8.5	34
104	Inhibition of RNA and protein synthesis in pollen tube development of <i>Pinus bungeana</i> by actinomycin D and cycloheximide. <i>New Phytologist</i> , 2005 , 165, 721-9	9.8	33
103	Overexpression of PwTUA1, a pollen-specific tubulin gene, increases pollen tube elongation by altering the distribution of alpha-tubulin and promoting vesicle transport. <i>Journal of Experimental Botany</i> , 2009 , 60, 2737-49	7	31
102	Integrative proteomic and cytological analysis of the effects of extracellular Ca(2+) influx on <i>Pinus bungeana</i> pollen tube development. <i>Journal of Proteome Research</i> , 2008 , 7, 4299-312	5.6	31
101	Calmodulin binds to extracellular sites on the plasma membrane of plant cells and elicits a rise in intracellular calcium concentration. <i>Journal of Biological Chemistry</i> , 2009 , 284, 12000-7	5.4	29

100	Disruption of actin filaments induces mitochondrial Ca ²⁺ release to the cytoplasm and [Ca ²⁺] _c changes in Arabidopsis root hairs. <i>BMC Plant Biology</i> , 2010 , 10, 53	5.3	29
99	MiR156 regulates anthocyanin biosynthesis through targets and other microRNAs in poplar. <i>Horticulture Research</i> , 2020 , 7, 118	7.7	29
98	At the intersection of exocytosis and endocytosis in plants. <i>New Phytologist</i> , 2019 , 224, 1479-1489	9.8	28
97	Genome-wide analysis reveals dynamic changes in expression of microRNAs during vascular cambium development in Chinese fir, <i>Cunninghamia lanceolata</i> . <i>Journal of Experimental Botany</i> , 2015 , 66, 3041-54	7	28
96	Effect of GA3 spraying on lignin and auxin contents and the correlated enzyme activities in bayberry (<i>Myrica rubra</i> Bieb.) during flower-bud induction. <i>Plant Science</i> , 2003 , 164, 549-556	5.3	28
95	Arabidopsis Blue Light Receptor Phototropin 1 Undergoes Blue Light-Induced Activation in Membrane Microdomains. <i>Molecular Plant</i> , 2018 , 11, 846-859	14.4	27
94	Relationships between tree increment, climate and above-ground biomass of grass: a case study in the typical steppe, north China. <i>Acta Oecologica</i> , 2003 , 24, 87-94	1.7	27
93	Secretion of Phospholipase D Functions as a Regulatory Mechanism in Plant Innate Immunity. <i>Plant Cell</i> , 2019 , 31, 3015-3032	11.6	27
92	Exploring the Spatiotemporal Organization of Membrane Proteins in Living Plant Cells. <i>Annual Review of Plant Biology</i> , 2018 , 69, 525-551	30.7	26
91	γ-Aminobutyric acid (GABA) homeostasis regulates pollen germination and polarized growth in <i>Picea wilsonii</i> . <i>Planta</i> , 2013 , 238, 831-43	4.7	26
90	Development of Casparian strip in rice cultivars. <i>Plant Signaling and Behavior</i> , 2011 , 6, 59-65	2.5	26
89	AgCl precipitates in isolated cuticular membranes reduce rates of cuticular transpiration. <i>Planta</i> , 2006 , 223, 283-90	4.7	26
88	Sterols regulate endocytic pathways during flg22-induced defense responses in. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	26
87	Casparian strips in needles are more solute permeable than endodermal transport barriers in roots of <i>Pinus bungeana</i> . <i>Plant and Cell Physiology</i> , 2005 , 46, 1799-808	4.9	24
86	Mutation in SUMO E3 ligase, SIZ1, disrupts the mature female gametophyte in Arabidopsis. <i>PLoS ONE</i> , 2012 , 7, e29470	3.7	23
85	Effects of stem structure and cell wall components on bending strength in wheat. <i>Science Bulletin</i> , 2006 , 51, 815-823	10.6	23
84	No detectable maternal effects of elevated CO ₂ on Arabidopsis thaliana over 15 generations. <i>PLoS ONE</i> , 2009 , 4, e6035	3.7	23
83	TTL Proteins Scaffold Brassinosteroid Signaling Components at the Plasma Membrane to Optimize Signal Transduction in Arabidopsis. <i>Plant Cell</i> , 2019 , 31, 1807-1828	11.6	22

82	THESEUS1 positively modulates plant defense responses against <i>Botrytis cinerea</i> through GUANINE EXCHANGE FACTOR4 signaling. <i>Journal of Integrative Plant Biology</i> , 2017 , 59, 797-804	8.3	22
81	Abnormalities in pistil development result in low seed set in <i>Leymus chinensis</i> (Poaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2006 , 201, 658-667	1.9	21
80	Expression of a transcription factor from <i>Capsicum annuum</i> in pine calli counteracts the inhibitory effects of salt stress on adventitious shoot formation. <i>Molecular Genetics and Genomics</i> , 2006 , 276, 242-253	3.1	21
79	The dynamics and endocytosis of Flot1 protein in response to flg22 in <i>Arabidopsis</i> . <i>Journal of Plant Physiology</i> , 2017 , 215, 73-84	3.6	20
78	Salt stress triggers enhanced cycling of <i>Arabidopsis</i> root plasma-membrane aquaporins. <i>Plant Signaling and Behavior</i> , 2012 , 7, 529-32	2.5	20
77	Isolation of de-exined pollen and cytological studies of the pollen intines of <i>Pinus bungeana</i> Zucc. Ex Endl. and <i>Picea wilsonii</i> Mast. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2008 , 203, 332-340	1.9	20
76	Single-Particle Tracking for the Quantification of Membrane Protein Dynamics in Living Plant Cells. <i>Molecular Plant</i> , 2018 , 11, 1315-1327	14.4	20
75	Transcriptome and Degradome Sequencing Reveals Dormancy Mechanisms of <i>Cunninghamia lanceolata</i> Seeds. <i>Plant Physiology</i> , 2016 , 172, 2347-2362	6.6	19
74	The speed of mitochondrial movement is regulated by the cytoskeleton and myosin in <i>Picea wilsonii</i> pollen tubes. <i>Planta</i> , 2010 , 231, 779-91	4.7	19
73	Quantification of Membrane Protein Dynamics and Interactions in Plant Cells by Fluorescence Correlation Spectroscopy. <i>Molecular Plant</i> , 2016 , 9, 1229-1239	14.4	19
72	An <i>Arabidopsis</i> class II formin, AtFH19, nucleates actin assembly, binds to the barbed end of actin filaments, and antagonizes the effect of AtFH1 on actin dynamics. <i>Journal of Integrative Plant Biology</i> , 2012 , 54, 800-13	8.3	17
71	Microsporogenesis and pollen development in <i>Leymus chinensis</i> with emphasis on dynamic changes in callose deposition. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2005 , 200, 256-263	1.9	17
70	Activity and distribution of carbonic anhydrase in leaf and ear parts of wheat (<i>Triticum aestivum</i> L.). <i>Plant Science</i> , 2004 , 166, 627-632	5.3	17
69	Expression of tomato prosystemin gene in <i>Arabidopsis</i> reveals systemic translocation of its mRNA and confers necrotrophic fungal resistance. <i>New Phytologist</i> , 2018 , 217, 799-812	9.8	17
68	Proteomic and phosphoproteomic analysis of <i>Picea wilsonii</i> pollen development under nutrient limitation. <i>Journal of Proteome Research</i> , 2012 , 11, 4180-90	5.6	16
67	Phosphorylation and ubiquitination of dynamin-related proteins (AtDRP3A/3B) synergically regulate mitochondrial proliferation during mitosis. <i>Plant Journal</i> , 2012 , 72, 43-56	6.9	15
66	Pollen Viability, Pollination, Seed Set, and Seed Germination of Croftonweed (<i>Eupatorium adenophorum</i>) in China. <i>Weed Science</i> , 2008 , 56, 42-51	2	15
65	Synaptotagmins at the endoplasmic reticulum-plasma membrane contact sites maintain diacylglycerol homeostasis during abiotic stress. <i>Plant Cell</i> , 2021 , 33, 2431-2453	11.6	15

64	Gene expression and proteomic analysis of shoot apical meristem transition from dormancy to activation in <i>Cunninghamia lanceolata</i> (Lamb.) Hook. <i>Scientific Reports</i> , 2016 , 6, 19938	4.9	15
63	In vivo cytological and chemical analysis of Casparian strips using stimulated Raman scattering microscopy. <i>Journal of Plant Physiology</i> , 2018 , 220, 136-144	3.6	15
62	The Chinese pine genome and methylome unveil key features of conifer evolution.. <i>Cell</i> , 2021 ,	56.2	14
61	Reliable control for a class of uncertain singular systems with interval time-varying delay. <i>Asian Journal of Control</i> , 2011 , 13, 542-552	1.7	13
60	The RALF1-FERONIA interaction modulates endocytosis to mediate control of root growth in. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	12
59	Pollen development in <i>Picea asperata</i> Mast.. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2003 , 198, 112-117	1.9	12
58	The effect of crown position and tree age on resin-canal density in Scots pine (<i>Pinus sylvestris</i> L.) needles. <i>Canadian Journal of Botany</i> , 2001 , 79, 1257-1261		12
57	Net sodium fluxes change significantly at anatomically distinct root zones of rice (<i>Oryza sativa</i> L.) seedlings. <i>Journal of Plant Physiology</i> , 2011 , 168, 1249-55	3.6	11
56	Casparian strips in needles of <i>Pinus bungeana</i> : isolation and chemical characterization. <i>Physiologia Plantarum</i> , 2003 , 117, 421-424	4.6	11
55	Clonal analysis of the development of the barley (<i>Hordeum vulgare</i> L.) leaf using periclinal chlorophyll chimeras. <i>Planta</i> , 1999 , 207, 335-342	4.7	11
54	Systemin-mediated long-distance systemic defense responses. <i>New Phytologist</i> , 2020 , 226, 1573-1582	9.8	10
53	Seasonal development of cambial activity in relation to xylem formation in Chinese fir. <i>Journal of Plant Physiology</i> , 2016 , 195, 23-30	3.6	10
52	The occurrence of vertical resin canals in <i>Keteleeria</i> , with reference to its systematic position in Pinaceae. <i>Botanical Journal of the Linnean Society</i> , 2000 , 134, 567-574	2.2	10
51	Regulation of cytoskeleton-associated protein activities: Linking cellular signals to plant cytoskeletal function. <i>Journal of Integrative Plant Biology</i> , 2021 , 63, 241-250	8.3	10
50	Development and chemical characterization of Casparian strips in the roots of Chinese fir (<i>Cunninghamia lanceolata</i>). <i>Trees - Structure and Function</i> , 2019 , 33, 827-836	2.6	9
49	Organization and dynamics of functional plant membrane microdomains. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 275-287	10.3	9
48	In vivo single-particle tracking of the aquaporin AtPIP2;1 in stomata reveals cell type-specific dynamics. <i>Plant Physiology</i> , 2021 , 185, 1666-1681	6.6	9
47	Probing and tracking organelles in living plant cells. <i>Protoplasma</i> , 2012 , 249 Suppl 2, S157-67	3.4	8

46	Multiple receptor complexes assembled for transmitting CLV3 signaling in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2010 , 5, 300-2	2.5	8
45	Okadaic acid and trifluoperazine enhance Agrobacterium-mediated transformation in eastern white pine. <i>Plant Cell Reports</i> , 2007 , 26, 673-82	5.1	8
44	Protein phosphatases 1 and 2A and the regulation of calcium uptake and pollen tube development in <i>Picea wilsonii</i> . <i>Tree Physiology</i> , 2006 , 26, 1001-12	4.2	8
43	Significant overestimation of needle surface area estimates based on needle dimensions in Scots pine (<i>Pinus sylvestris</i>). <i>Canadian Journal of Botany</i> , 2002 , 80, 927-932		8
42	Transcriptional regulation of vascular cambium activity during the transition from juvenile to mature stages in <i>Cunninghamia lanceolata</i> . <i>Journal of Plant Physiology</i> , 2016 , 200, 7-17	3.6	7
41	Structure and development of epiphyllly in knox-transgenic tobacco. <i>Planta</i> , 2002 , 214, 521-5	4.7	7
40	Genome-wide DNA mutations in Arabidopsis plants after multigenerational exposure to high temperatures. <i>Genome Biology</i> , 2021 , 22, 160	18.3	7
39	Three-dimensional reconstruction of <i>Picea wilsonii</i> Mast. pollen grains using automated electron microscopy. <i>Science China Life Sciences</i> , 2020 , 63, 171-179	8.5	7
38	Cross-talk between clathrin-dependent post-Golgi trafficking and clathrin-mediated endocytosis in Arabidopsis root cells. <i>Plant Cell</i> , 2021 , 33, 3057-3075	11.6	7
37	A modified GFP facilitates counting membrane protein subunits by step-wise photobleaching in Arabidopsis. <i>Journal of Plant Physiology</i> , 2017 , 213, 129-133	3.6	6
36	Heterotrimeric G protein β subunit is localized in the plasma membrane of <i>Pinus bungeana</i> pollen tubes. <i>Plant Science</i> , 2005 , 169, 1066-1073	5.3	6
35	Coordination of Phospholipid-Based Signaling and Membrane Trafficking in Plant Immunity. <i>Trends in Plant Science</i> , 2021 , 26, 407-420	13.1	6
34	Peptide Aptamers to Inhibit Protein Function in Plants. <i>Trends in Plant Science</i> , 2018 , 23, 281-284	13.1	5
33	Single-Molecule Techniques for Imaging Exo-Endocytosis Coupling in Cells. <i>Trends in Plant Science</i> , 2019 , 24, 879-880	13.1	5
32	Atomic force microscopic observation on substructure of pollen exine in <i>Cedrus deodara</i> and <i>Metasequoia glyptostroboides</i> . <i>Science Bulletin</i> , 2000 , 45, 1500-1503		5
31	The Tetracentron genome provides insight into the early evolution of eudicots and the formation of vessel elements. <i>Genome Biology</i> , 2020 , 21, 291	18.3	5
30	Dynamic spatial reorganization of BSK1 complexes in the plasma membrane underpins signal-specific activation for growth and immunity. <i>Molecular Plant</i> , 2021 , 14, 588-603	14.4	5
29	An Effective and Inducible System of TAL Effector-Mediated Transcriptional Repression in Arabidopsis. <i>Molecular Plant</i> , 2016 , 9, 1546-1549	14.4	5

28	Tracking Tonoplast Protein Behaviors in Intact Vacuoles Isolated from Arabidopsis Leaves. <i>Molecular Plant</i> , 2017 , 10, 349-352	14.4	4
27	Dynamic changes in flag leaf angle contribute to high photosynthetic capacity. <i>Science Bulletin</i> , 2009 , 54, 3045-3052		4
26	In vitro germination and growth of lily pollen tubes is affected by calcium inhibitor with reference to calcium distribution. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2007 , 202, 581-588	1.9	4
25	A rapid, efficient method for the mass production of pollen protoplasts from <i>Pinus bungeana</i> Zucc. ex Endl. and <i>Picea wilsonii</i> Mast.. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2006 , 201, 74-80	1.9	4
24	Extracting lipid vesicles from plasma membranes via self-assembly of clathrin-inspired scaffolding nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 176, 239-248	6	4
23	Rejuvenation increases leaf biomass and flavonoid accumulation in <i>Ginkgo biloba</i> .. <i>Horticulture Research</i> , 2022 ,	7.7	3
22	Roles of the wound hormone jasmonate in plant regeneration.. <i>Journal of Experimental Botany</i> , 2021 ,	7	3
21	High-efficiency procedure to characterize, segment, and quantify complex multicellularity in raw micrographs in plants. <i>Plant Methods</i> , 2020 , 16, 100	5.8	3
20	Plant multiscale networks: charting plant connectivity by multi-level analysis and imaging techniques. <i>Science China Life Sciences</i> , 2021 , 64, 1392-1422	8.5	3
19	The effect of crown position and tree age on resin-canal density in Scots pine (<i>Pinus sylvestris</i> L.) needles. <i>Canadian Journal of Botany</i> , 2001 , 79, 1257-1261		2
18	Taxonomic significance of extracellular crystals on the phloem fibres of Taxaceae. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 1998 , 193, 173-178	1.9	2
17	Studies on inner wall structure of tracheids in <i>Taxus chinensis</i> with resin casting method. <i>Science Bulletin</i> , 1999 , 44, 1379-1382		2
16	Spatial regulation of RBOHD via AtECA4-mediated recycling and clathrin-mediated endocytosis contributes to ROS accumulation during salt stress response but not flg22-induced immune response. <i>Plant Journal</i> , 2021 ,	6.9	2
15	Pollen and Pollen Tube Proteomics 2007 , 270-282		2
14	Synaptotagmins Maintain Diacylglycerol Homeostasis at Endoplasmic Reticulum-Plasma Membrane Contact Sites during Abiotic Stress		2
13	How repeated epiphyllly correlates with gene expression of resident knox1 in the leaves of tobacco epiphyllous shoots. <i>Open Life Sciences</i> , 2006 , 1, 263-274	1.2	1
12	Application of Variable Angle Total Internal Reflection Fluorescence Microscopy to Investigate Protein Dynamics in Intact Plant Cells. <i>Methods in Molecular Biology</i> , 2016 , 1363, 123-32	1.4	1
11	3D Imaging of Lipid-Guided Vesicle Trafficking Along the Cytoskeleton. <i>Trends in Plant Science</i> , 2021 , 26, 421-422	13.1	1

10	Ginkgo biloba. <i>Trends in Genetics</i> , 2021 , 37, 488-489	8.5	1
9	Transcriptomic and epigenomic remodeling occurs during vascular cambium periodicity in <i>Populus tomentosa</i> . <i>Horticulture Research</i> , 2021 , 8, 102	7.7	1
8	A label-free, fast and high-specificity technique for plant cell wall imaging and composition analysis. <i>Plant Methods</i> , 2021 , 17, 29	5.8	1
7	SNARE proteins VAMP721 and VAMP722 mediate the post-Golgi trafficking required for auxin-mediated development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2021 , 108, 426-440	6.9	1
6	Cytology, transcriptomics, and mass spectrometry imaging reveal changes in late-maturation elm (<i>Ulmus pumila</i>) seeds.. <i>Journal of Plant Physiology</i> , 2022 , 271, 153639	3.6	0
5	Age-dependent microRNAs in regulation of vascular cambium activity in Chinese fir (<i>Cunninghamia lanceolata</i>). <i>Trees - Structure and Function</i> , 2021 , 35, 1451-1466	2.6	0
4	Hydroponic cultivation conditions allowing the reproducible investigation of poplar root suberization and water transport.. <i>Plant Methods</i> , 2021 , 17, 129	5.8	0
3	The localization of Rac GTPase in <i>Picea willsonii</i> pollen tubes implies roles in tube growth and the movement of the tube nucleus and sperm cells. <i>Plant Science</i> , 2007 , 172, 1210-1217	5.3	
2	Positional variation of antipodal cells in polyembryonic rice Ap III before and after fertilization. <i>Progress in Natural Science: Materials International</i> , 2003 , 13, 814-818	3.6	
1	Dynamic analysis of <i>Arabidopsis</i> AP2 β subunit reveals a key role in clathrin-mediated endocytosis and plant development. <i>Journal of Cell Science</i> , 2013 , 126, e1-e1	5.3	