Jinxing Lin

List of Publications by Year
in descending order

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157 papers	7,112 citations	43973 48 h-index	76769 74 g-index
162 all docs	162 docs citations	162 times ranked	7686 citing authors

#	Article	IF	Citations
1	Elevated CO 2 induces physiological, biochemical and structural changes in leaves of Arabidopsis thaliana. New Phytologist, 2006, 172, 92-103.	3.5	302
2	Single-Molecule Analysis of PIP2;1 Dynamics and Partitioning Reveals Multiple Modes of Arabidopsis Plasma Membrane Aquaporin Regulation Â. Plant Cell, 2011, 23, 3780-3797.	3.1	229
3	A Membrane Microdomain-Associated Protein, Arabidopsis Flot1, Is Involved in a Clathrin-Independent Endocytic Pathway and Is Required for Seedling Development. Plant Cell, 2012, 24, 2105-2122.	3.1	200
4	Endocytosis and its regulation in plants. Trends in Plant Science, 2015, 20, 388-397.	4.3	198
5	Clathrin and Membrane Microdomains Cooperatively Regulate RbohD Dynamics and Activity in Arabidopsis Â Â. Plant Cell, 2014, 26, 1729-1745.	3.1	182
6	Study of the Inhibitory Effect of Water-Soluble Fullerenes on Plant Growth at the Cellular Level. ACS Nano, 2010, 4, 5743-5748.	7.3	158
7	The Chinese pine genome and methylome unveil key features of conifer evolution. Cell, 2022, 185, 204-217.e14.	13.5	151
8	Anatomical and chemical characteristics associated with lodging resistance in wheat. Crop Journal, 2013, 1, 43-49.	2.3	142
9	Dynamic analysis of Arabidopsis AP2 Ïƒ subunit reveals a key role in clathrin-mediated endocytosis and plant development. Development (Cambridge), 2013, 140, 3826-3837.	1.2	139
10	Spatiotemporal Dynamics of the BRI1 Receptor and its Regulation by Membrane Microdomains in Living Arabidopsis Cells. Molecular Plant, 2015, 8, 1334-1349.	3.9	131
11	Analysis of interactions among the CLAVATA3 receptors reveals a direct interaction between CLAVATA2 and CORYNE in Arabidopsis. Plant Journal, 2010, 61, 223-233.	2.8	116
12	The Signal Transducer NPH3 Integrates the Phototropin1 Photosensor with PIN2-Based Polar Auxin Transport in Arabidopsis Root Phototropism. Plant Cell, 2012, 24, 551-565.	3.1	113
13	Boron influences pollen germination and pollen tube growth in Picea meyeri. Tree Physiology, 2003, 23, 345-351.	1.4	103
14	Pollen Dispersion, Pollen Viability and Pistil Receptivity in Leymus chinensis. Annals of Botany, 2004, 93, 295-301.	1.4	103
15	Stagnant deoxygenated growth enhances root suberization and lignifications, but differentially affects water and NaCl permeabilities in rice (Oryza sativa L.) roots. Plant, Cell and Environment, 2011, 34, 1223-1240.	2.8	103
16	Casparian strip development and its potential function in salt tolerance. Plant Signaling and Behavior, 2011, 6, 1499-1502.	1.2	98
17	Identification and characterization of small non-coding RNAs from Chinese fir by high throughput sequencing. BMC Plant Biology, 2012, 12, 146.	1.6	95
18	The extreme drought in the 1920s and its effect on tree growth deduced from tree ring analysis: a case study in North China. Annals of Forest Science, 2003, 60, 145-152.	0.8	93

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19	Disruption of Actin Filaments by Latrunculin B Affects Cell Wall Construction in Picea meyeri Pollen Tube by Disturbing Vesicle Trafficking. Plant and Cell Physiology, 2007, 48, 19-30.	1.5	93
20	Awns play a dominant role in carbohydrate production during the grain-filling stages in wheat (Triticum aestivum). Physiologia Plantarum, 2006, 127, 701-709.	2.6	92
21	Single-particle analysis reveals shutoff control of the Arabidopsis ammonium transporter AMT1;3 by clustering and internalization. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13204-13209.	3.3	91
22	MiR156 regulates anthocyanin biosynthesis through SPL targets and other microRNAs in poplar. Horticulture Research, 2020, 7, 118.	2.9	90
23	The Histone H3K4 Demethylase JMJ16 Represses Leaf Senescence in Arabidopsis. Plant Cell, 2019, 31, 430-443.	3.1	89
24	Stomatal density and needle anatomy of Scots pine (Pinus sylvestris) are affected by elevated CO2. New Phytologist, 2001, 150, 665-674.	3.5	88
25	Effects of Brefeldin A on Pollen Germination and Tube Growth. Antagonistic Effects on Endocytosis and Secretion. Plant Physiology, 2005, 139, 1692-1703.	2.3	86
26	Phosphorylation-Mediated Dynamics of Nitrate Transceptor NRT1.1 Regulate Auxin Flux and Nitrate Signaling in Lateral Root Growth. Plant Physiology, 2019, 181, 480-498.	2.3	86
27	Arabidopsis R-SNARE Proteins VAMP721 and VAMP722 Are Required for Cell Plate Formation. PLoS ONE, 2011, 6, e26129.	1.1	86
28	Nitric oxide modulates the influx of extracellular Ca²⁺ and actin filament organization during cell wall construction in Pinus bungeana pollen tubes. New Phytologist, 2009, 182, 851-862.	3.5	82
29	Accumulation of copper by roots, hypocotyls, cotyledons and leaves of sunflower (Helianthus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.8	81
30	Multifeature analyses of vascular cambial cells reveal longevity mechanisms in old Ginkgo biloba trees. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2201-2210.	3.3	81
31	Advances in Imaging Plant Cell Walls. Trends in Plant Science, 2019, 24, 867-878.	4.3	79
32	Actin Turnover Is Required for Myosin-Dependent Mitochondrial Movements in Arabidopsis Root Hairs. PLoS ONE, 2009, 4, e5961.	1.1	78
33	Imaging of Dynamic Secretory Vesicles in Living Pollen Tubes of Picea meyeri Using Evanescent Wave Microscopy. Plant Physiology, 2006, 141, 1591-1603.	2.3	75
34	Fullerene-Induced Increase of Glycosyl Residue on Living Plant Cell Wall. Environmental Science & Technology, 2013, 47, 7490-7498.	4.6	72
35	The regulation of cambial activity in <scp>C</scp>hinese fir (<scp>C</scp>unninghamia) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	69
36	Differential display proteomic analysis ofPicea meyeripollen germination and pollen-tube growth after inhibition of actin polymerization by latrunculin B. Plant Journal, 2006, 47, 174-195.	2.8	68

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37	Transcriptome-wide identification and characterization of miRNAs from Pinus densata. BMC Genomics, 2012, 13, 132.	1.2	68
38	Lignification and lignin heterogeneity for various age classes of bamboo (Phyllostachys pubescens) stems. Physiologia Plantarum, 2002, 114, 296-302.	2.6	67
39	MicroRNA857 Is Involved in the Regulation of Secondary Growth of Vascular Tissues in Arabidopsis. Plant Physiology, 2015, 169, pp.01011.2015.	2.3	67
40	Subcellular Redistribution of Root Aquaporins Induced by Hydrogen Peroxide. Molecular Plant, 2015, 8, 1103-1114.	3.9	66
41	Membrane microdomains and the cytoskeleton constrain At<scp>HIR</scp>1 dynamics and facilitate the formation of an At<scp>HIR</scp>1â€associated immune complex. Plant Journal, 2017, 90, 3-16.	2.8	66
42	At the intersection of exocytosis and endocytosis in plants. New Phytologist, 2019, 224, 1479-1489.	3.5	63
43	Dendroclimatic evaluation of climate-growth relationships of Meyer spruce (Picea meyeri) on a sandy substrate in semi-arid grassland, north China. Trees - Structure and Function, 2001, 15, 230-235.	0.9	60
44	Single-molecule fluorescence imaging to quantify membrane protein dynamics and oligomerization in living plant cells. Nature Protocols, 2015, 10, 2054-2063.	5.5	60
45	Roles of the Ubiquitin/Proteasome Pathway in Pollen Tube Growth with Emphasis on MG132-Induced Alterations in Ultrastructure, Cytoskeleton, and Cell Wall Components. Plant Physiology, 2006, 141, 1578-1590.	2.3	59
46	Differential Regulation of Clathrin and Its Adaptor Proteins during Membrane Recruitment for Endocytosis. Plant Physiology, 2016, 171, 215-229.	2.3	56
47	Combined Proteomic and Cytological Analysis of Ca2+-Calmodulin Regulation in Picea meyeri Pollen Tube Growth Â Â. Plant Physiology, 2009, 149, 1111-1126.	2.3	55
48	Secretion of Phospholipase DÎ´ Functions as a Regulatory Mechanism in Plant Innate Immunity. Plant Cell, 2019, 31, 3015-3032.	3.1	55
49	Golgi Apparatus-Localized Synaptotagmin 2 Is Required for Unconventional Secretion in Arabidopsis. PLoS ONE, 2011, 6, e26477.	1.1	51
50	Variable-angle total internal reflection fluorescence microscopy of intact cells of Arabidopsis thaliana. Plant Methods, 2011, 7, 27.	1.9	51
51	Techniques for detecting protein-protein interactions in living cells: principles, limitations, and recent progress. Science China Life Sciences, 2019, 62, 619-632.	2.3	51
52	TTL Proteins Scaffold Brassinosteroid Signaling Components at the Plasma Membrane to Optimize Signal Transduction in Arabidopsis. Plant Cell, 2019, 31, 1807-1828.	3.1	47
53	Arabidopsis Blue Light Receptor Phototropin 1 Undergoes Blue Light-Induced Activation in Membrane Microdomains. Molecular Plant, 2018, 11, 846-859.	3.9	44
54	Reliable dissipative control of discreteâ€time switched singular systems with mixed time delays and stochastic actuator failures. IET Control Theory and Applications, 2013, 7, 1447-1462.	1.2	43

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55	Sterols regulate endocytic pathways during flg22-induced defense responses in Arabidopsis. Development (Cambridge), 2018, 145, .	1.2	43
56	Synaptotagmins at the endoplasmic reticulumâ€“plasma membrane contact sites maintain diacylglycerol homeostasis during abiotic stress. Plant Cell, 2021, 33, 2431-2453.	3.1	41
57	Probing plasma membrane dynamics at the single-molecule level. Trends in Plant Science, 2013, 18, 617-624.	4.3	39
58	Expression of tomato prosystemin gene in Arabidopsis reveals systemic translocation of its mRNA and confers necrotrophic fungal resistance. New Phytologist, 2018, 217, 799-812.	3.5	39
59	Inhibition of RNA and protein synthesis in pollen tube development of Pinus bungeana by actinomycin D and cycloheximide. New Phytologist, 2005, 165, 721-730.	3.5	38
60	Exploring the Spatiotemporal Organization of Membrane Proteins in Living Plant Cells. Annual Review of Plant Biology, 2018, 69, 525-551.	8.6	38
61	Overexpression of PwTUA1, a pollen-specific tubulin gene, increases pollen tube elongation by altering the distribution of Â-tubulin and promoting vesicle transport. Journal of Experimental Botany, 2009, 60, 2737-2749.	2.4	37
62	Genome-wide analysis reveals dynamic changes in expression of microRNAs during vascular cambium development in Chinese fir, Cunninghamia lanceolata. Journal of Experimental Botany, 2015, 66, 3041-3054.	2.4	37
63	THESEUS1 positively modulates plant defense responses against Botrytis cinerea through GUANINE EXCHANGE FACTOR4 signaling. Journal of Integrative Plant Biology, 2017, 59, 797-804.	4.1	37
64	Effects of stem structure and cell wall components on bending strength in wheat. Science Bulletin, 2006, 51, 815-823.	4.3	36
65	Disruption of actin filaments induces mitochondrial Ca2+ release to the cytoplasm and [Ca2+]c changes in Arabidopsis root hairs. BMC Plant Biology, 2010, 10, 53.	1.6	36
66	The RALF1-FERONIA interaction modulates endocytosis to mediate control of root growth in Arabidopsis. Development (Cambridge), 2020, 147, .	1.2	36
67	Effect of GA3 spraying on lignin and auxin contents and the correlated enzyme activities in bayberry (Myrica rubra Bieb.) during flower-bud induction. Plant Science, 2003, 164, 549-556.	1.7	35
68	Casparian Strips in Needles are More Solute Permeable than Endodermal Transport Barriers in Roots of Pinus bungeana. Plant and Cell Physiology, 2005, 46, 1799-1808.	1.5	35
69	Calmodulin Binds to Extracellular Sites on the Plasma Membrane of Plant Cells and Elicits a Rise in Intracellular Calcium Concentration. Journal of Biological Chemistry, 2009, 284, 12000-12007.	1.6	35
70	Genome-wide DNA mutations in Arabidopsis plants after multigenerational exposure to high temperatures. Genome Biology, 2021, 22, 160.	3.8	35
71	AgCl precipitates in isolated cuticular membranes reduce rates of cuticular transpiration. Planta, 2006, 223, 283-290.	1.6	34
72	Integrative Proteomic and Cytological Analysis of the Effects of Extracellular Ca²⁺ Influx on Pinus bungeana Pollen Tube Development. Journal of Proteome Research, 2008, 7, 4299-4312.	1.8	34

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73	Î³-Aminobutyric acid (GABA) homeostasis regulates pollen germination and polarized growth in Picea wilsonii. Planta, 2013, 238, 831-843.	1.6	34
74	Transcriptome and Degradome Sequencing Reveals Dormancy Mechanisms of Cunninghamia lanceolata Seeds. Plant Physiology, 2016, 172, 2347-2362.	2.3	33
75	Development of Casparian strip in rice cultivars. Plant Signaling and Behavior, 2011, 6, 59-65.	1.2	32
76	Phosphorylation and ubiquitination of dynaminâ€related proteins (AtDRP3A/3B) synergically regulate mitochondrial proliferation during mitosis. Plant Journal, 2012, 72, 43-56.	2.8	32
77	Single-Particle Tracking for the Quantification of Membrane Protein Dynamics in Living Plant Cells. Molecular Plant, 2018, 11, 1315-1327.	3.9	32
78	Dynamic spatial reorganization of BSK1 complexes in the plasma membrane underpins signal-specific activation for growth and immunity. Molecular Plant, 2021, 14, 588-603.	3.9	32
79	The dynamics and endocytosis of Flot1 protein in response to flg22 in Arabidopsis. Journal of Plant Physiology, 2017, 215, 73-84.	1.6	31
80	Systeminâ€mediated longâ€distance systemic defense responses. New Phytologist, 2020, 226, 1573-1582.	3.5	31
81	Relationships between tree increment, climate and above-ground biomass of grass: a case study in the typical steppe, north China. Acta Oecologica, 2003, 24, 87-94.	0.5	29
82	Coordination of Phospholipid-Based Signaling and Membrane Trafficking in Plant Immunity. Trends in Plant Science, 2021, 26, 407-420.	4.3	29
83	Mutation in SUMO E3 ligase, SIZ1, Disrupts the Mature Female Gametophyte in Arabidopsis. PLoS ONE, 2012, 7, e29470.	1.1	28
84	Regulation of cytoskeletonâ€associated protein activities: Linking cellular signals to plant cytoskeletal function. Journal of Integrative Plant Biology, 2021, 63, 241-250.	4.1	28
85	Quantification of Membrane Protein Dynamics and Interactions in Plant Cells by Fluorescence Correlation Spectroscopy. Molecular Plant, 2016, 9, 1229-1239.	3.9	26
86	Organization and dynamics of functional plant membrane microdomains. Cellular and Molecular Life Sciences, 2020, 77, 275-287.	2.4	26
87	In vivo single-particle tracking of the aquaporin AtPIP2;1 in stomata reveals cell type-specific dynamics. Plant Physiology, 2021, 185, 1666-1681.	2.3	26
88	No Detectable Maternal Effects of Elevated CO2 on Arabidopsis thaliana Over 15 Generations. PLoS ONE, 2009, 4, e6035.	1.1	26
89	Rejuvenation increases leaf biomass and flavonoid accumulation in Ginkgo biloba. Horticulture Research, 2022, 9, .	2.9	26
90	Expression of a transcription factor from Capsicum annuum in pine calli counteracts the inhibitory effects of salt stress on adventitious shoot formation. Molecular Genetics and Genomics, 2006, 276, 242-253.	1.0	25

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91	Abnormalities in pistil development result in low seed set in Leymus chinensis (Poaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2006, 201, 658-667.	0.6	24
92	Salt stress triggers enhanced cycling of Arabidopsis root plasma-membrane aquaporins. Plant Signaling and Behavior, 2012, 7, 529-532.	1.2	24
93	Cross-talk between clathrin-dependent post-Golgi trafficking and clathrin-mediated endocytosis in Arabidopsis root cells. Plant Cell, 2021, 33, 3057-3075.	3.1	24
94	SNARE proteins VAMP721 and VAMP722 mediate the postâ€Golgi trafficking required for auxinâ€mediated development in Arabidopsis. Plant Journal, 2021, 108, 426-440.	2.8	24
95	Activity and distribution of carbonic anhydrase in leaf and ear parts of wheat (Triticum aestivumL.). Plant Science, 2004, 166, 627-632.	1.7	23
96	Isolation of de-exined pollen and cytological studies of the pollen intines of Pinus bungeana Zucc. Ex Endl. and Picea wilsonii Mast. Flora: Morphology, Distribution, Functional Ecology of Plants, 2008, 203, 332-340.	0.6	23
97	The speed of mitochondrial movement is regulated by the cytoskeleton and myosin in Picea wilsonii pollen tubes. Planta, 2010, 231, 779-791.	1.6	23
98	The Tetracentron genome provides insight into the early evolution of eudicots and the formation of vessel elements. Genome Biology, 2020, 21, 291.	3.8	23
99	Development and chemical characterization of Casparian strips in the roots of Chinese fir (Cunninghamia lanceolata). Trees - Structure and Function, 2019, 33, 827-836.	0.9	22
100	In vivo cytological and chemical analysis of Casparian strips using stimulated Raman scattering microscopy. Journal of Plant Physiology, 2018, 220, 136-144.	1.6	21
101	Plant multiscale networks: charting plant connectivity by multi-level analysis and imaging techniques. Science China Life Sciences, 2021, 64, 1392-1422.	2.3	21
102	Microsporogenesis and pollen development in Leymus chinensis with emphasis on dynamic changes in callose deposition. Flora: Morphology, Distribution, Functional Ecology of Plants, 2005, 200, 256-263.	0.6	20
103	An Arabidopsis Class II Formin, AtFH19, Nucleates Actin Assembly, Binds to the Barbed End of Actin Filaments, and Antagonizes the Effect of AtFH1 on Actin Dynamics^F. Journal of Integrative Plant Biology, 2012, 54, 800-813.	4.1	20
104	Gene expression and proteomic analysis of shoot apical meristem transition from dormancy to activation in Cunninghamia lanceolata (Lamb.) Hook. Scientific Reports, 2016, 6, 19938.	1.6	20
105	Three-dimensional reconstruction of Picea wilsonii Mast. pollen grains using automated electron microscopy. Science China Life Sciences, 2020, 63, 171-179.	2.3	20
106	Proteomic and Phosphoproteomic Analysis of Picea wilsonii Pollen Development under Nutrient Limitation. Journal of Proteome Research, 2012, 11, 4180-4190.	1.8	19
107	Transcriptional regulation of vascular cambium activity during the transition from juvenile to mature stages in Cunninghamia lanceolata. Journal of Plant Physiology, 2016, 200, 7-17.	1.6	19
108	Pollen Viability, Pollination, Seed Set, and Seed Germination of Croftonweed (Eupatorium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (A	0.8	17

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109	Reliable control for a class of uncertain singular systems with interval time-varying delay. Asian Journal of Control, 2011, 13, 542-552.	1.9	17
110	Seasonal development of cambial activity in relation to xylem formation in Chinese fir. Journal of Plant Physiology, 2016, 195, 23-30.	1.6	16
111	Transcriptomic and epigenomic remodeling occurs during vascular cambium periodicity in Populus tomentosa. Horticulture Research, 2021, 8, 102.	2.9	16
112	Spatial regulation of RBOHD via AtECA4â€mediated recycling and clathrinâ€mediated endocytosis contributes to ROS accumulation during salt stress response but not flg22â€induced immune response. Plant Journal, 2022, 109, 816-830.	2.8	16
113	Roles of the wound hormone jasmonate in plant regeneration. Journal of Experimental Botany, 2023, 74, 1198-1206.	2.4	15
114	Clonal analysis of the development of the barley (Hordeum vulgare L.) leaf using periclinal chlorophyll chimeras. Planta, 1999, 207, 335-342.	1.6	14
115	Casparian strips in needles of Pinus bungeana : isolation and chemical characterization. Physiologia Plantarum, 2003, 117, 421-424.	2.6	14
116	The occurrence of vertical resin canals in Keteleeria, with reference to its systematic position in Pinaceae. Botanical Journal of the Linnean Society, 2000, 134, 567-574.	0.8	13
117	Pollen development in Picea asperata Mast.. Flora: Morphology, Distribution, Functional Ecology of Plants, 2003, 198, 112-117.	0.6	13
118	The effect of crown position and tree age on resin-canal density in Scots pine (Pinus sylvestris) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	12
119	Net sodium fluxes change significantly at anatomically distinct root zones of rice (Oryza sativa L.) seedlings. Journal of Plant Physiology, 2011, 168, 1249-1255.	1.6	11
120	Probing and tracking organelles in living plant cells. Protoplasma, 2012, 249, 157-167.	1.0	10
121	Ginkgo biloba. Trends in Genetics, 2021, 37, 488-489.	2.9	10
122	Seasonal changes in cambium activity from active to dormant stage affect the formation of secondary xylem in Pinus tabulaeformis Carr.. Tree Physiology, 2022, 42, 585-599.	1.4	10
123	Non-Coding RNA Analyses of Seasonal Cambium Activity in Populus tomentosa. Cells, 2022, 11, 640.	1.8	10
124	Significant overestimation of needle surface area estimates based on needle dimensions in Scots pine (Pinus sylvestris). Canadian Journal of Botany, 2002, 80, 927-932.	1.2	9
125	Okadaic acid and trifluoperazine enhance Agrobacterium-mediated transformation in eastern white pine. Plant Cell Reports, 2007, 26, 673-682.	2.8	9
126	Multiple receptor complexes assembled for transmitting CLV3 signaling in Arabidopsis. Plant Signaling and Behavior, 2010, 5, 300-302.	1.2	9

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127	A modified GFP facilitates counting membrane protein subunits by step-wise photobleaching in Arabidopsis. Journal of Plant Physiology, 2017, 213, 129-133.	1.6	9
128	Peptide Aptamers to Inhibit Protein Function in Plants. Trends in Plant Science, 2018, 23, 281-284.	4.3	9
129	A label-free, fast and high-specificity technique for plant cell wall imaging and composition analysis. Plant Methods, 2021, 17, 29.	1.9	9
130	Protein phosphatases 1 and 2A and the regulation of calcium uptake and pollen tube development in Picea wilsonii. Tree Physiology, 2006, 26, 1001-1012.	1.4	8
131	High-efficiency procedure to characterize, segment, and quantify complex multicellularity in raw micrographs in plants. Plant Methods, 2020, 16, 100.	1.9	8
132	Structure and development of epiphylly in knox -transgenic tobacco. Planta, 2002, 214, 521-525.	1.6	7
133	Heterotrimeric G protein Î±-subunit is localized in the plasma membrane of Pinus bungeana pollen tubes. Plant Science, 2005, 169, 1066-1073.	1.7	7
134	Dynamic changes in flag leaf angle contribute to high photosynthetic capacity. Science Bulletin, 2009, 54, 3045-3052.	1.7	6
135	Single-Molecule Techniques for Imaging Exo-Endocytosis Coupling in Cells. Trends in Plant Science, 2019, 24, 879-880.	4.3	6
136	Atomic force microscopic observation on substructure of pollen exine inCedrus deodara andMetasequoia glyptostroboides. Science Bulletin, 2000, 45, 1500-1503.	1.7	5
137	An Effective and Inducible System of TAL Effector-Mediated Transcriptional Repression inÂArabidopsis. Molecular Plant, 2016, 9, 1546-1549.	3.9	5
138	Tracking Tonoplast Protein Behaviors in Intact Vacuoles Isolated from Arabidopsis Leaves. Molecular Plant, 2017, 10, 349-352.	3.9	5
139	Extracting lipid vesicles from plasma membranes via self-assembly of clathrin-inspired scaffolding nanoparticles. Colloids and Surfaces B: Biointerfaces, 2019, 176, 239-248.	2.5	5
140	Age-dependent microRNAs in regulation of vascular cambium activity in Chinese fir (Cunninghamia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	5
141	Environmental Cues Contribute to Dynamic Plasma Membrane Organization of Nanodomains Containing Flotillin-1 and Hypersensitive Induced Reaction-1 Proteins in Arabidopsis thaliana. Frontiers in Plant Science, 2022, 13, .	1.7	5
142	Studies on inner wall structure of tracheids inTaxus chinensis with resin casting method. Science Bulletin, 1999, 44, 1379-1382.	1.7	4
143	The effect of crown position and tree age on resin-canal density in Scots pine (Pinus sylvestris L.) needles. Canadian Journal of Botany, 2001, 79, 1257-1261.	1.2	4
144	A rapid, efficient method for the mass production of pollen protoplasts from Pinus bungeana Zucc. ex Endl. and Picea wilsonii Mast.. Flora: Morphology, Distribution, Functional Ecology of Plants, 2006, 201, 74-80.	0.6	4

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145	In vitro germination and growth of lily pollen tubes is affected by calcium inhibitor with reference to calcium distribution. Flora: Morphology, Distribution, Functional Ecology of Plants, 2007, 202, 581-588.	0.6	4
146	Hydroponic cultivation conditions allowing the reproducible investigation of poplar root suberization and water transport. Plant Methods, 2021, 17, 129.	1.9	4
147	Genome-wide analysis of long non-coding RNAs in shoot apical meristem and vascular cambium in Populus tomentosa. Journal of Plant Physiology, 2022, 275, 153759.	1.6	4
148	Taxonomic significance of extracellular crystals on the phloem fibres of Taxaceae. Flora: Morphology, Distribution, Functional Ecology of Plants, 1998, 193, 173-178.	0.6	3
149	How repeated epiphylly correlates with gene expression of resident knox1 in the leaves of tobacco epiphyllous shoots. Open Life Sciences, 2006, 1, 263-274.	0.6	1
150	3D Imaging of Lipid-Guided Vesicle Trafficking Along the Cytoskeleton. Trends in Plant Science, 2021, 26, 421-422.	4.3	1
151	Application of Variable Angle Total Internal Reflection Fluorescence Microscopy to Investigate Protein Dynamics in Intact Plant Cells. Methods in Molecular Biology, 2016, 1363, 123-132.	0.4	1
152	Transcription factor dynamics in plants: Insights and technologies for in vivo imaging. Plant Physiology, 2022, 189, 23-36.	2.3	1
153	Cytology, transcriptomics, and mass spectrometry imaging reveal changes in late-maturation elm (Ulmus pumila) seeds. Journal of Plant Physiology, 2022, 271, 153639.	1.6	1
154	Positional variation of antipodal cells in polyembryonic rice Ap III before and after fertilization *. Progress in Natural Science: Materials International, 2003, 13, 814-818.	1.8	0
155	The localization of Rac GTPase in Picea willsonii pollen tubes implies roles in tube growth and the movement of the tube nucleus and sperm cells. Plant Science, 2007, 172, 1210-1217.	1.7	0
156	Dynamic analysis of Arabidopsis AP2 Ïƒ subunit reveals a key role in clathrin-mediated endocytosis and plant development. Journal of Cell Science, 2013, 126, e1-e1.	1.2	0
157	Research progress on the regulation of cambium activity periodicity. Chinese Science Bulletin, 2015, 60, 619-629.	0.4	0