Liwen Jiang

List of Publications by Year
in descending order

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224	18,611	17440 63	14759 127
papers	citations	h-index	g-index

237	237	237	25090
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanistic insights into an atypical interaction between ATG8 and SH3P2 inArabidopsis thaliana. Autophagy, 2022, 18, 1350-1366.	9.1	12
2	Back to the roots: A focus on plant cell biology. Plant Cell, 2022, 34, 1-3.	6.6	1
3	Leucine-rich repeat receptor-like protein kinase AtORPK1 promotes oxidative stress resistance in an AtORPK1-AtKAPP mediated module in Arabidopsis. Plant Science, 2022, 315, 111147.	3.6	6
4	Structural insights into how vacuolar sorting receptors recognize the sorting determinants of seed storage proteins. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8
5	Correlation of vacuole morphology with stomatal lineage development by whole-cell electron tomography. Plant Physiology, 2022, 188, 2085-2100.	4.8	11
6	TM9SF4 Is a Crucial Regulator of Inflammation and ER Stress in Inflammatory Bowel Disease. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 245-270.	4.5	9
7	Arabidopsis HOPS subunit VPS41 carries out plant-specific roles in vacuolar transport and vegetative growth. Plant Physiology, 2022, 189, 1416-1434.	4.8	14
8	TRPM2 Promotes Atherosclerotic Progression in a Mouse Model of Atherosclerosis. Cells, 2022, 11, 1423.	4.1	14
9	COPII vesicles in plant autophagy and endomembrane trafficking. FEBS Letters, 2022, 596, 2314-2323.	2.8	7
10	Plant ESCRT protein ALIX coordinates with retromer complex in regulating receptor-mediated sorting of soluble vacuolar proteins. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200492119.	7.1	12
11	The plant ESCRT component FREE1 regulates peroxisome-mediated turnover of lipid droplets in germinating Arabidopsis seedlings. Plant Cell, 2022, 34, 4255-4273.	6.6	9
12	New insights into AtNBR1 as a selective autophagy cargo receptor in Arabidopsis. Plant Signaling and Behavior, 2021, 16, 1839226.	2.4	6
13	Systematic prediction of autophagyâ€related proteins using Arabidopsis thaliana interactome data. Plant Journal, 2021, 105, 708-720.	5.7	9
14	Modulating the activities of chloroplasts and mitochondria promotes adenosine triphosphate production and plant growth. Quantitative Plant Biology, 2021, 2, .	2.0	8
15	MYB106 is a negative regulator and a substrate for CRL3^{BPM} E3 ligase in regulating flowering time in Arabidopsis thaliana. Journal of Integrative Plant Biology, 2021, 63, 1104-1119.	8.5	12
16	MYB117 is a negative regulator of flowering time in Arabidopsis. Plant Signaling and Behavior, 2021, 16, 1901448.	2.4	6
17	A unique AtSar1D-AtRabD2a nexus modulates autophagosome biogenesis in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
18	A plantâ€unique ESCRT component, FYVE4, regulates multivesicular endosome biogenesis and plant growth. New Phytologist, 2021, 231, 193-209.	7.3	20

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19	Structural basis of substrate recognition and thermal protection by a small heat shock protein. Nature Communications, 2021, 12, 3007.	12.8	22
20	Friendly mediates membrane depolarization-induced mitophagy in Arabidopsis. Current Biology, 2021, 31, 1931-1944.e4.	3.9	47
21	Plant Rho GTPase signaling promotes autophagy. Molecular Plant, 2021, 14, 905-920.	8.3	18
22	An in vitro vesicle formation assay reveals cargo clients and factors that mediate vesicular trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
23	Hydrolysis of organophosphorus by diatom purple acid phosphatase and sequential regulation of cell metabolism. Journal of Experimental Botany, 2021, 72, 2918-2932.	4.8	9
24	Membrane imaging in the plant endomembrane system. Plant Physiology, 2021, 185, 562-576.	4.8	13
25	A distinct giant coat protein complex II vesicle population in Arabidopsis thaliana. Nature Plants, 2021, 7, 1335-1346.	9.3	15
26	Transient Expression of Fluorescent Fusion Proteins in Arabidopsis Protoplasts. Methods in Molecular Biology, 2021, 2200, 157-165.	0.9	2
27	Subnanometer resolution cryo-EM structure of Arabidopsis thaliana ATG9. Autophagy, 2020, 16, 575-583.	9.1	36
28	Plant extracellular vesicles. Protoplasma, 2020, 257, 3-12.	2.1	116
29	AtSec62 is critical for plant development and is involved in ERâ€phagy in Arabidopsis thaliana. Journal of Integrative Plant Biology, 2020, 62, 181-200.	8.5	67
30	The roles of endomembrane trafficking in plant abiotic stress responses. Journal of Integrative Plant Biology, 2020, 62, 55-69.	8.5	57
31	Identification and characterization of unconventional membrane protein trafficking regulators in Arabidopsis: A genetic approach. Journal of Plant Physiology, 2020, 252, 153229.	3.5	0
32	TRPM2 promotes autophagic degradation in vascular smooth muscle cells. Scientific Reports, 2020, 10, 20719.	3.3	13
33	SINAT E3 Ubiquitin Ligases Mediate FREE1 and VPS23A Degradation to Modulate Abscisic Acid Signaling. Plant Cell, 2020, 32, 3290-3310.	6.6	46
34	AtNBR1 Is a Selective Autophagic Receptor for AtExo70E2 in Arabidopsis. Plant Physiology, 2020, 184, 777-791.	4.8	28
35	SINAT E3 ligases regulate the stability of the ESCRT component FREE1 in response to iron deficiency in plants. Journal of Integrative Plant Biology, 2020, 62, 1399-1417.	8.5	25
36	Membrane Contact Sites and Organelles Interaction in Plant Autophagy. Frontiers in Plant Science, 2020, 11, 477.	3.6	7

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37	Molecular mechanisms that regulate export of the planar cell-polarity protein Frizzled-6 out of the endoplasmic reticulum. Journal of Biological Chemistry, 2020, 295, 8972-8987.	3.4	11
38	Vacuole Biogenesis in Plants: How Many Vacuoles, How Many Models?. Trends in Plant Science, 2020, 25, 538-548.	8.8	50
39	MTV proteins unveil ER- and microtubule-associated compartments in the plant vacuolar trafficking pathway. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9884-9895.	7.1	23
40	Subcellular Localization of Rice Acyl-CoA-Binding Proteins ACBP4 and ACBP5 Supports Their Non-redundant Roles in Lipid Metabolism. Frontiers in Plant Science, 2020, 11, 331.	3.6	11
41	A cross-kingdom conserved ER-phagy receptor maintains endoplasmic reticulum homeostasis during stress. ELife, 2020, 9, .	6.0	139
42	Analysis of Membrane Proteins Transport from Endosomal Compartments to Vacuoles. Methods in Molecular Biology, 2020, 2177, 15-21.	0.9	0
43	The interplay between endomembranes and autophagy in plants. Current Opinion in Plant Biology, 2019, 52, 14-22.	7.1	17
44	ER-Phagy and ER Stress Response (ERSR) in Plants. Frontiers in Plant Science, 2019, 10, 1192.	3.6	20
45	Salicylic acid-mediated plasmodesmal closure via Remorin-dependent lipid organization. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21274-21284.	7.1	102
46	RST1 Is a FREE1 Suppressor That Negatively Regulates Vacuolar Trafficking in Arabidopsis. Plant Cell, 2019, 31, 2152-2168.	6.6	20
47	Arabidopsis ENDOMEMBRANE PROTEIN 12 contributes to the endoplasmic reticulum stress response by regulating K/HDEL receptor trafficking. Plant Cell, 2019, , tpc.00913.2018.	6.6	0
48	PINOID Is Required for Formation of the Stigma and Style in Rice. Plant Physiology, 2019, 180, 926-936.	4.8	30
49	Possible Roles of Membrane Trafficking Components for Lipid Droplet Dynamics in Higher Plants and Green Algae. Frontiers in Plant Science, 2019, 10, 207.	3.6	18
50	The plant ESCRT component FREE1 shuttles to the nucleus to attenuate abscisic acid signalling. Nature Plants, 2019, 5, 512-524.	9.3	68
51	Chloroplast Degradation: Multiple Routes Into the Vacuole. Frontiers in Plant Science, 2019, 10, 359.	3.6	54
52	Structural Biology and Electron Microscopy of the Autophagy Molecular Machinery. Cells, 2019, 8, 1627.	4.1	9
53	A whole-cell electron tomography model of vacuole biogenesis in Arabidopsis root cells. Nature Plants, 2019, 5, 95-105.	9.3	89
54	ESCRTâ€dependent vacuolar sorting and degradation of the auxin biosynthetic enzyme YUC1 flavin monooxygenase. Journal of Integrative Plant Biology, 2019, 61, 968-973.	8.5	9

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55	Organelle biogenesis and function in plants. Scientia Sinica Vitae, 2019, 49, 1679-1694.	0.3	2
56	Genetic Suppressor Screen Using an Inducible FREE1-RNAi Line to Detect ESCRT Genetic Interactors in Arabidopsis thaliana. Methods in Molecular Biology, 2019, 1998, 273-289.	0.9	0
57	Signal motifs-dependent ER export of Qc-SNARE BET12 interacts with MEMB12 and affects PR1 trafficking in Arabidopsis. Journal of Cell Science, 2018, 131, .	2.0	39
58	A mechanism for differential sorting of the planar cell polarity proteins Frizzled6 and Vangl2 at the trans-Golgi network. Journal of Biological Chemistry, 2018, 293, 8410-8427.	3.4	40
59	Re-assessment of biolistic transient expression: An efficient and robust method for protein localization studies in seedling-lethal mutant and juvenile plants. Plant Science, 2018, 274, 2-7.	3.6	7
60	AtCAP2 is crucial for lytic vacuole biogenesis during germination by positively regulating vacuolar protein trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1675-E1683.	7.1	13
61	Na⁺,K⁺/H⁺ antiporters regulate the pH of endoplasmic reticulum and auxinâ€mediated development. Plant, Cell and Environment, 2018, 41, 850-864.	5.7	19
62	Polycystin-2 Plays an Essential Role in Glucose Starvation-Induced Autophagy in Human Embryonic Stem Cell-Derived Cardiomyocytes. Stem Cells, 2018, 36, 501-513.	3.2	20
63	ATM and ATR play complementary roles in the behavior of excitatory and inhibitory vesicle populations. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E292-E301.	7.1	58
64	Hormone modulates protein dynamics to regulate plant growth. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3521-3523.	7.1	6
65	Dynamics of Autophagosome Formation. Plant Physiology, 2018, 176, 219-229.	4.8	95
66	TM9SF4 is a novel factor promoting autophagic flux under amino acid starvation. Cell Death and Differentiation, 2018, 25, 368-379.	11.2	25
67	Protein secretion in plants: conventional and unconventional pathways and new techniques. Journal of Experimental Botany, 2018, 69, 21-37.	4.8	74
68	The Multivesicular Body and Autophagosome Pathways in Plants. Frontiers in Plant Science, 2018, 9, 1837.	3.6	24
69	K⁺ Efflux Antiporters 4, 5, and 6 Mediate pH and K⁺ Homeostasis in Endomembrane Compartments. Plant Physiology, 2018, 178, 1657-1678.	4.8	65
70	A plant Bro1 domain protein BRAF regulates multivesicular body biogenesis and membrane protein homeostasis. Nature Communications, 2018, 9, 3784.	12.8	41
71	AGC1.5 Kinase Phosphorylates RopGEFs to Control Pollen Tube Growth. Molecular Plant, 2018, 11, 1198-1209.	8.3	43
72	TRPV6 protects ER stress-induced apoptosis via ATF6Î±-TRPV6-JNK pathway in human embryonic stem cell-derived cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2018, 120, 1-11.	1.9	9

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73	Drosophila Exo70 Is Essential for Neurite Extension and Survival under Thermal Stress. Journal of Neuroscience, 2018, 38, 8071-8086.	3.6	13
74	Autophagosome Biogenesis and the Endoplasmic Reticulum: A Plant Perspective. Trends in Plant Science, 2018, 23, 677-692.	8.8	74
75	A rapid and efficient method to study the function of crop plant transporters in Arabidopsis. Protoplasma, 2017, 254, 737-747.	2.1	4
76	MONENSIN SENSITIVITY1 (MON1)/CALCIUM CAFFEINE ZINC SENSITIVITY1 (CCZ1)-Mediated Rab7 Activation Regulates Tapetal Programmed Cell Death and Pollen Development. Plant Physiology, 2017, 173, 206-218.	4.8	25
77	Calciumâ€dependent protein kinase <scp>CPK</scp>28 targets the methionine adenosyltransferases for degradation by the 26S proteasome and affects ethylene biosynthesis and lignin deposition in Arabidopsis. Plant Journal, 2017, 90, 304-318.	5.7	34
78	Targeting tail-anchored proteins into plant organelles. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1762-1764.	7.1	7
79	Functional Analysis of Nuclear Estrogen Receptors in Zebrafish Reproduction by Genome Editing Approach. Endocrinology, 2017, 158, 2292-2308.	2.8	105
80	Lhx1/5 control dendritogenesis and spine morphogenesis of Purkinje cells via regulation of Espin. Nature Communications, 2017, 8, 15079.	12.8	26
81	SH3 Domain-Containing Protein 2 Plays a Crucial Role at the Step of Membrane Tubulation during Cell Plate Formation. Plant Cell, 2017, 29, 1388-1405.	6.6	42
82	TRAF Family Proteins Regulate Autophagy Dynamics by Modulating AUTOPHAGY PROTEIN6 Stability in Arabidopsis. Plant Cell, 2017, 29, 890-911.	6.6	108
83	ATG9 regulates autophagosome progression from the endoplasmic reticulum in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E426-E435.	7.1	200
84	Plant ESCRT Complexes: Moving Beyond Endosomal Sorting. Trends in Plant Science, 2017, 22, 986-998.	8.8	109
85	VPS36-Dependent Multivesicular Bodies Are Critical for Plasmamembrane Protein Turnover and Vacuolar Biogenesis. Plant Physiology, 2017, 173, 566-581.	4.8	39
86	PPero, a Computational Model for Plant PTS1 Type Peroxisomal Protein Prediction. PLoS ONE, 2017, 12, e0168912.	2.5	38
87	Polar Protein Exocytosis: Lessons from Plant Pollen Tube. , 2017, , 107-127.		0
88	Î±2-COP is involved in early secretory traffic in Arabidopsis and is required for plant growth. Journal of Experimental Botany, 2016, 68, erw446.	4.8	22
89	Aortic Baroreceptors Display Higher Mechanosensitivity than Carotid Baroreceptors. Frontiers in Physiology, 2016, 7, 384.	2.8	12
90	Origin of the Autophagosomal Membrane in Plants. Frontiers in Plant Science, 2016, 7, 1655.	3.6	17

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91	A Distinct Pathway for Polar Exocytosis in Plant Cell Wall Formation Â. Plant Physiology, 2016, 172, 1003-1018.	4.8	61
92	Sorting Motifs Involved in the Trafficking and Localization of the PIN1 Auxin Efflux Carrier. Plant Physiology, 2016, 171, 1965-1982.	4.8	22
93	FYVE1/FREE1 Interacts with the PYL4 ABA Receptor and Mediates Its Delivery to the Vacuolar Degradation Pathway. Plant Cell, 2016, 28, 2291-2311.	6.6	129
94	Ectopic expression of NnPER1, a Nelumbo nucifera 1â€cysteine peroxiredoxin antioxidant, enhances seed longevity and stress tolerance in Arabidopsis. Plant Journal, 2016, 88, 608-619.	5.7	48
95	Using Fluorescent Protein Fusions to Study Protein Subcellular Localization and Dynamics in Plant Cells. Methods in Molecular Biology, 2016, 1474, 113-123.	0.9	8
96	COPII Paralogs in Plants: Functional Redundancy or Diversity?. Trends in Plant Science, 2016, 21, 758-769.	8.8	61
97	Protein Co-localization Studies: Issues and Considerations. Molecular Plant, 2016, 9, 1221-1223.	8.3	5
98	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
99	AtBRO1 Functions in ESCRT-I Complex to Regulate Multivesicular Body Protein Sorting. Molecular Plant, 2016, 9, 760-763.	8.3	27
100	Biogenesis of Plant Prevacuolar Multivesicular Bodies. Molecular Plant, 2016, 9, 774-786.	8.3	115
101	Unconventional protein secretion in plants: a critical assessment. Protoplasma, 2016, 253, 31-43.	2.1	96
102	Endoplasmic reticulum (ER) stress and the unfolded protein response (UPR) in plants. Protoplasma, 2016, 253, 753-764.	2.1	76
103	Arabidopsis COG Complex Subunits COG3 and COG8 Modulate Golgi Morphology, Vesicle Trafficking Homeostasis and Are Essential for Pollen Tube Growth. PLoS Genetics, 2016, 12, e1006140.	3.5	33
104	Vacuoles protect plants from high magnesium stress. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2931-2932.	7.1	29
105	Fast-Suppressor Screening for New Components in Protein Trafficking, Organelle Biogenesis and Silencing Pathway in Arabidopsis thaliana Using DEX-Inducible FREE1-RNAi Plants. Journal of Genetics and Genomics, 2015, 42, 319-330.	3.9	18
106	Unique COPII component AtSar1a/AtSec23a pair is required for the distinct function of protein ER export in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14360-14365.	7.1	65
107	EXPO and Autophagosomes are Distinct Organelles in Plants. Plant Physiology, 2015, 169, pp.00953.2015.	4.8	43
108	Dual roles of an Arabidopsis ESCRT component FREE1 in regulating vacuolar protein transport and autophagic degradation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1886-1891.	7.1	166

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109	Pten Deletion Promotes Regrowth of Corticospinal Tract Axons 1 Year after Spinal Cord Injury. Journal of Neuroscience, 2015, 35, 9754-9763.	3.6	143
110	Transmembrane 6 superfamily 1 (Tm6sf1) is a novel lysosomal transmembrane protein. Protoplasma, 2015, 252, 977-983.	2.1	2
111	Conserved function of the lysine-based KXD/E motif in Golgi retention for endomembrane proteins among different organisms. Molecular Biology of the Cell, 2015, 26, 4280-4293.	2.1	41
112	Endocytic and autophagic pathways crosstalk in plants. Current Opinion in Plant Biology, 2015, 28, 39-47.	7.1	65
113	Injured adult retinal axons with Pten and Socs3 co-deletion reform active synapses with suprachiasmatic neurons. Neurobiology of Disease, 2015, 73, 366-376.	4.4	46
114	SH Domain Proteins in Plants: Roles in Signaling Transduction and Membrane Trafficking. , 2015, , 17-33.		0
115	Unconventional protein secretion (UPS) pathways in plants. Current Opinion in Cell Biology, 2014, 29, 107-115.	5.4	78
116	Exo70E2 is essential for exocyst subunit recruitment and EXPO formation in both plants and animals. Molecular Biology of the Cell, 2014, 25, 412-426.	2.1	71
117	The Arabidopsis Endosomal Sorting Complex Required for Transport III Regulates Internal Vesicle Formation of the Prevacuolar Compartment and Is Required for Plant Development. Plant Physiology, 2014, 165, 1328-1343.	4.8	76
118	Trans-Golgi Network-Located AP1 Gamma Adaptins Mediate Dileucine Motif-Directed Vacuolar Targeting in Arabidopsis. Plant Cell, 2014, 26, 4102-4118.	6.6	87
119	Nâ€linked glycosylation of At<scp>VSR</scp>1 is important for vacuolar protein sorting in <scp>A</scp>rabidopsis. Plant Journal, 2014, 80, 977-992.	5.7	31
120	How Vacuolar Sorting Receptor Proteins Interact with Their Cargo Proteins: Crystal Structures of Apo and Cargo-Bound Forms of the Protease-Associated Domain from an Arabidopsis Vacuolar Sorting Receptor. Plant Cell, 2014, 26, 3693-3708.	6.6	21
121	Membrane anchors effectively traffic recombinant human glucocerebrosidase to the protein storage vacuole of Arabidopsis seeds but do not adequately control N-glycan maturation. Plant Cell Reports, 2014, 33, 2023-2032.	5.6	4
122	Autophagosome biogenesis in plants. Autophagy, 2014, 10, 704-705.	9.1	35
123	Overproduction of Upper-Layer Neurons in the Neocortex Leads to Autism-like Features in Mice. Cell Reports, 2014, 9, 1635-1643.	6.4	96
124	Subcellular localization of rice acylâ€CoAâ€binding proteins (ACBPs) indicates that Os<scp>ACBP</scp>6::<scp>GFP</scp> is targeted to the peroxisomes. New Phytologist, 2014, 203, 469-482.	7.3	62
125	A Unique Plant ESCRT Component, FREE1, Regulates Multivesicular Body Protein Sorting and Plant Growth. Current Biology, 2014, 24, 2556-2563.	3.9	194
126	A two-locus interaction causes interspecific hybrid weakness in rice. Nature Communications, 2014, 5, 3357.	12.8	88

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127	Activation of the Rab7 GTPase by the MON1-CCZ1 Complex Is Essential for PVC-to-Vacuole Trafficking and Plant Growth in Arabidopsis. Plant Cell, 2014, 26, 2080-2097.	6.6	192
128	Retention mechanisms for ER and Golgi membrane proteins. Trends in Plant Science, 2014, 19, 508-515.	8.8	83
129	Isolation, Culture, and Transient Transformation of Plant Protoplasts. Current Protocols in Cell Biology, 2014, 63, 2.8.1-17.	2.3	58
130	Essential role for TrpC5-containing extracellular vesicles in breast cancer with chemotherapeutic resistance. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6389-6394.	7.1	152
131	Analysis of Prevacuolar Compartment-Mediated Vacuolar Proteins Transport. Methods in Molecular Biology, 2014, 1209, 119-129.	0.9	2
132	Apical <scp>F</scp>â€actinâ€regulated exocytic targeting of <scp>N</scp>t<scp>PPME</scp>1 is essential for construction and rigidity of the pollen tube cell wall. Plant Journal, 2013, 76, 367-379.	5.7	50
133	A BAR-Domain Protein SH3P2, Which Binds to Phosphatidylinositol 3-Phosphate and ATG8, Regulates Autophagosome Formation in Arabidopsis. Plant Cell, 2013, 25, 4596-4615.	6.6	195
134	An in vivo expression system for the identification of cargo proteins of vacuolar sorting receptors in <scp>A</scp>rabidopsis culture cells. Plant Journal, 2013, 75, 1003-1017.	5.7	38
135	MicroRNAs Inhibit the Translation of Target mRNAs on the Endoplasmic Reticulum in Arabidopsis. Cell, 2013, 153, 562-574.	28.9	451
136	ARA7(Q69L) expression in transgenic Arabidopsis cells induces the formation of enlarged multivesicular bodies. Journal of Experimental Botany, 2013, 64, 2817-2829.	4.8	47
137	PICK1 and ICA69 Control Insulin Granule Trafficking and Their Deficiencies Lead to Impaired Glucose Tolerance. PLoS Biology, 2013, 11, e1001541.	5.6	74
138	Successful transport to the vacuole of heterologously expressed mung bean 8S globulin occurs in seed but not in vegetative tissues. Journal of Experimental Botany, 2013, 64, 1587-1601.	4.8	9
139	Organelle pH in the Arabidopsis Endomembrane System. Molecular Plant, 2013, 6, 1419-1437.	8.3	310
140	PROTEIN S-ACYL TRANSFERASE10 Is Critical for Development and Salt Tolerance in Arabidopsis Â. Plant Cell, 2013, 25, 1093-1107.	6.6	131
141	MTV1 and MTV4 Encode Plant-Specific ENTH and ARF GAP Proteins That Mediate Clathrin-Dependent Trafficking of Vacuolar Cargo from the Trans-Golgi Network. Plant Cell, 2013, 25, 2217-2235.	6.6	60
142	Multivesicular bodies in developing tobacco seed and mung bean are functionally equivalent. Plant Signaling and Behavior, 2012, 7, 450-453.	2.4	0
143	Isolation and proteomic analysis of the SYP61 compartment reveal its role in exocytic trafficking in Arabidopsis. Cell Research, 2012, 22, 413-424.	12.0	211
144	Storage globulins pass through the Golgi apparatus and multivesicular bodies in the absence of dense vesicle formation during early stages of cotyledon development in mung bean. Journal of Experimental Botany, 2012, 63, 1367-1380.	4.8	23

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145	Unconventional protein secretion. Trends in Plant Science, 2012, 17, 606-615.	8.8	147
146	A Killer-Protector System Regulates Both Hybrid Sterility and Segregation Distortion in Rice. Science, 2012, 337, 1336-1340.	12.6	263
147	Ubiquitin initiates sorting of Golgi and plasma membrane proteins into the vacuolar degradation pathway. BMC Plant Biology, 2012, 12, 164.	3.6	62
148	The Golgi-Localized Arabidopsis Endomembrane Protein12 Contains Both Endoplasmic Reticulum Export and Golgi Retention Signals at Its C Terminus. Plant Cell, 2012, 24, 2086-2104.	6.6	98
149	The novel quantitative trait locus GL3.1 controls rice grain size and yield by regulating Cyclin-T1;3. Cell Research, 2012, 22, 1666-1680.	12.0	334
150	Activation of ethylene signaling is mediated by nuclear translocation of the cleaved EIN2 carboxyl terminus. Cell Research, 2012, 22, 1613-1616.	12.0	336
151	Production of active human glucocerebrosidase in seeds of Arabidopsis thaliana complex-glycan-deficient (cgl) plants. Glycobiology, 2012, 22, 492-503.	2.5	48
152	Subcellular Localization of Class II HDAs in Arabidopsis thaliana: Nucleocytoplasmic Shuttling of HDA15 Is Driven by Light. PLoS ONE, 2012, 7, e30846.	2.5	55
153	Overexpression of AtOGG1, a DNA glycosylase/AP lyase, enhances seed longevity and abiotic stress tolerance in Arabidopsis. Journal of Experimental Botany, 2012, 63, 4107-4121.	4.8	93
154	Proteomic and functional analyses of Nelumbo nucifera annexins involved in seed thermotolerance and germination vigor. Planta, 2012, 235, 1271-1288.	3.2	70
155	Secretory carrier membrane proteins. Protoplasma, 2012, 249, 269-283.	2.1	32
156	A dualâ€targeted purple acid phosphatase in Arabidopsis thaliana moderates carbon metabolism and its overexpression leads to faster plant growth and higher seed yield. New Phytologist, 2012, 194, 206-219.	7.3	70
157	Vacuolar Degradation of Two Integral Plasma Membrane Proteins, <scp>AtLRR84A</scp> and <scp>OsSCAMP1</scp>, IsÂCargo Ubiquitinationâ€Independent and Prevacuolar Compartmentâ€Mediated in Plant Cells. Traffic, 2012, 13, 1023-1040.	2.7	39
158	NnHSP17.5, a cytosolic class II small heat shock protein gene from Nelumbo nucifera, contributes to seed germination vigor and seedling thermotolerance in transgenic Arabidopsis. Plant Cell Reports, 2012, 31, 379-389.	5.6	56
159	Overexpression of Nelumbo nucifera metallothioneins 2a and 3 enhances seed germination vigor in Arabidopsis. Planta, 2012, 235, 523-537.	3.2	64
160	SCAMP, VSR, and Plant Endocytosis. , 2012, , 217-231.		0
161	Golgi Apparatus-Localized Synaptotagmin 2 Is Required for Unconventional Secretion in Arabidopsis. PLoS ONE, 2011, 6, e26477.	2.5	51
162	Plant RMR proteins: unique vacuolar sorting receptors that couple ligand sorting with membrane internalization. FEBS Journal, 2011, 278, 59-68.	4.7	32

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163	Transient expression and analysis of fluorescent reporter proteins in plant pollen tubes. Nature Protocols, 2011, 6, 419-426.	12.0	55
164	Multiple cytosolic and transmembrane determinants are required for the trafficking of SCAMP1 via an ERâ€“Golgiâ€“TGNâ€“PM pathway. Plant Journal, 2011, 65, 882-896.	5.7	67
165	Improved expression and purification of recombinant human serum albumin from transgenic tobacco suspension culture. Journal of Biotechnology, 2011, 155, 164-172.	3.8	52
166	Vacuolar Sorting Receptor (VSR) Proteins Reach the Plasma Membrane in Germinating Pollen Tubes. Molecular Plant, 2011, 4, 845-853.	8.3	47
167	The Rice RMR1 Associates with a Distinct Prevacuolar Compartment for the Protein Storage Vacuole Pathway. Molecular Plant, 2011, 4, 854-868.	8.3	59
168	QUASIMODO 3 (QUA3) is a putative homogalacturonan methyltransferase regulating cell wall biosynthesis in Arabidopsis suspension-cultured cells. Journal of Experimental Botany, 2011, 62, 5063-5078.	4.8	50
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