Xiaohong Zhuang

List of Publications by Year
in descending order

144 papers	14,064 citations	28274 55 h-index	21540 114 g-index
148 all docs	148 docs citations	148 times ranked	20366 citing authors

#	Article	IF	Citations
1	Mechanistic insights into an atypical interaction between ATG8 and SH3P2 in<i>Arabidopsis thaliana</i>. Autophagy, 2022, 18, 1350-1366.	9.1	12
2	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
3	Correlation of vacuole morphology with stomatal lineage development by whole-cell electron tomography. Plant Physiology, 2022, 188, 2085-2100.	4.8	11
4	An Update on Coat Protein Complexes for Vesicle Formation in Plant Post-Golgi Trafficking. Frontiers in Plant Science, 2022, 13, 826007.	3.6	16
5	Shedding Light on the Role of Phosphorylation in Plant Autophagy. FEBS Letters, 2022, 596, 2172-2185.	2.8	5
6	MLKs kinases phosphorylate the ESCRT component FREE1 to suppress abscisic acid sensitivity of seedling establishment. Plant, Cell and Environment, 2022, 45, 2004-2018.	5.7	4
7	COPII vesicles in plant autophagy and endomembrane trafficking. FEBS Letters, 2022, 596, 2314-2323.	2.8	7
8	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
9	The plant ESCRT component FREE1 regulates peroxisome-mediated turnover of lipid droplets in germinating <i>Arabidopsis</i> seedlings. Plant Cell, 2022, 34, 4255-4273.	6.6	9
10	New insights into AtNBR1 as a selective autophagy cargo receptor in Arabidopsis. Plant Signaling and Behavior, 2021, 16, 1839226.	2.4	6
11	Systematic prediction of autophagyâ€related proteins using <i>Arabidopsis thaliana</i> interactome data. Plant Journal, 2021, 105, 708-720.	5.7	9
12	Plant Mitophagy in Comparison to Mammals: What Is Still Missing?. International Journal of Molecular Sciences, 2021, 22, 1236.	4.1	13
13	Plant multiscale networks: charting plant connectivity by multi-level analysis and imaging techniques. Science China Life Sciences, 2021, 64, 1392-1422.	4.9	21
14	MYB117 is a negative regulator of flowering time in Arabidopsis. Plant Signaling and Behavior, 2021, 16, 1901448.	2.4	6
15	A unique AtSar1D-AtRabD2a nexus modulates autophagosome biogenesis in <i>Arabidopsis thaliana</i>. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
16	A plantâ€unique ESCRT component, FYVE4, regulates multivesicular endosome biogenesis and plant growth. New Phytologist, 2021, 231, 193-209.	7.3	20
17	Friendly mediates membrane depolarization-induced mitophagy in Arabidopsis. Current Biology, 2021, 31, 1931-1944.e4.	3.9	47
18	Plant Rho GTPase signaling promotes autophagy. Molecular Plant, 2021, 14, 905-920.	8.3	18

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19	Membrane imaging in the plant endomembrane system. Plant Physiology, 2021, 185, 562-576.	4.8	13
20	A distinct giant coat protein complex II vesicle population in Arabidopsis thaliana. Nature Plants, 2021, 7, 1335-1346.	9.3	15
21	Transient Expression of Fluorescent Fusion Proteins in Arabidopsis Protoplasts. Methods in Molecular Biology, 2021, 2200, 157-165.	0.9	2
22	Subnanometer resolution cryo-EM structure of <i>Arabidopsis thaliana</i> ATG9. Autophagy, 2020, 16, 575-583.	9.1	36
23	Plant extracellular vesicles. Protoplasma, 2020, 257, 3-12.	2.1	116
24	AtSec62 is critical for plant development and is involved in ERâ€phagy in <i>Arabidopsis thaliana</i>. Journal of Integrative Plant Biology, 2020, 62, 181-200.	8.5	67
25	The roles of endomembrane trafficking in plant abiotic stress responses. Journal of Integrative Plant Biology, 2020, 62, 55-69.	8.5	57
26	Transcriptional and Epigenetic Regulation of Autophagy in Plants. Trends in Genetics, 2020, 36, 676-688.	6.7	18
27	Identification and characterization of unconventional membrane protein trafficking regulators in Arabidopsis: A genetic approach. Journal of Plant Physiology, 2020, 252, 153229.	3.5	0
28	SINAT E3 Ubiquitin Ligases Mediate FREE1 and VPS23A Degradation to Modulate Abscisic Acid Signaling. Plant Cell, 2020, 32, 3290-3310.	6.6	46
29	AtNBR1 Is a Selective Autophagic Receptor for AtExo70E2 in Arabidopsis. Plant Physiology, 2020, 184, 777-791.	4.8	28
30	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
31	Membrane Contact Sites and Organelles Interaction in Plant Autophagy. Frontiers in Plant Science, 2020, 11, 477.	3.6	7
32	Recent Advances in Membrane Shaping for Plant Autophagosome Biogenesis. Frontiers in Plant Science, 2020, 11, 565.	3.6	13
33	Vacuole Biogenesis in Plants: How Many Vacuoles, How Many Models?. Trends in Plant Science, 2020, 25, 538-548.	8.8	50
34	A cross-kingdom conserved ER-phagy receptor maintains endoplasmic reticulum homeostasis during stress. ELife, 2020, 9, .	6.0	139
35	Analysis of Membrane Proteins Transport from Endosomal Compartments to Vacuoles. Methods in Molecular Biology, 2020, 2177, 15-21.	0.9	0
36	The interplay between endomembranes and autophagy in plants. Current Opinion in Plant Biology, 2019, 52, 14-22.	7.1	17

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37	ER-Phagy and ER Stress Response (ERSR) in Plants. Frontiers in Plant Science, 2019, 10, 1192.	3.6	20
38	RST1 Is a FREE1 Suppressor That Negatively Regulates Vacuolar Trafficking in Arabidopsis. Plant Cell, 2019, 31, 2152-2168.	6.6	20
39	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
40	The plant ESCRT component FREE1 shuttles to the nucleus to attenuate abscisic acid signalling. Nature Plants, 2019, 5, 512-524.	9.3	68
41	Chloroplast Degradation: Multiple Routes Into the Vacuole. Frontiers in Plant Science, 2019, 10, 359.	3.6	54
42	Structural Biology and Electron Microscopy of the Autophagy Molecular Machinery. Cells, 2019, 8, 1627.	4.1	9
43	A whole-cell electron tomography model of vacuole biogenesis in Arabidopsis root cells. Nature Plants, 2019, 5, 95-105.	9.3	89
44	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
45	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
46	Signal motifs-dependent ER export of Qc-SNARE BET12 interacts with MEMB12 and affects PR1 trafficking in <i>Arabidopsis</i>. Journal of Cell Science, 2018, 131, .	2.0	39
47	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
48	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
49	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
50	Dynamics of Autophagosome Formation. Plant Physiology, 2018, 176, 219-229.	4.8	95
51	Protein secretion in plants: conventional and unconventional pathways and new techniques. Journal of Experimental Botany, 2018, 69, 21-37.	4.8	74
52	The Multivesicular Body and Autophagosome Pathways in Plants. Frontiers in Plant Science, 2018, 9, 1837.	3.6	24
53	K⁺ Efflux Antiporters 4, 5, and 6 Mediate pH and K⁺ Homeostasis in Endomembrane Compartments. Plant Physiology, 2018, 178, 1657-1678.	4.8	65
54	A plant Bro1 domain protein BRAF regulates multivesicular body biogenesis and membrane protein homeostasis. Nature Communications, 2018, 9, 3784.	12.8	41

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55	Review: Selective degradation of peroxisome by autophagy in plants: Mechanisms, functions, and perspectives. Plant Science, 2018, 274, 485-491.	3.6	15
56	Autophagosome Biogenesis and the Endoplasmic Reticulum: A Plant Perspective. Trends in Plant Science, 2018, 23, 677-692.	8.8	74
57	Analysis of Autophagic Activity Using ATG8 Lipidation Assay in Arabidopsis thaliana. Bio-protocol, 2018, 8, e2880.	0.4	3
58	A rapid and efficient method to study the function of crop plant transporters in Arabidopsis. Protoplasma, 2017, 254, 737-747.	2.1	4
59	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
60	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
61	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
62	TRAF Family Proteins Regulate Autophagy Dynamics by Modulating AUTOPHAGY PROTEIN6 Stability in Arabidopsis. Plant Cell, 2017, 29, 890-911.	6.6	108
63	ATG9 regulates autophagosome progression from the endoplasmic reticulum in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E426-E435.	7.1	200
64	Plant ESCRT Complexes: Moving Beyond Endosomal Sorting. Trends in Plant Science, 2017, 22, 986-998.	8.8	109
65	Using Microscopy Tools to Visualize Autophagosomal Structures in Plant Cells. Methods in Molecular Biology, 2017, 1662, 257-266.	0.9	2
66	VPS36-Dependent Multivesicular Bodies Are Critical for Plasmamembrane Protein Turnover and Vacuolar Biogenesis. Plant Physiology, 2017, 173, 566-581.	4.8	39
67	Polar Protein Exocytosis: Lessons from Plant Pollen Tube. , 2017, , 107-127.		0
68	Origin of the Autophagosomal Membrane in Plants. Frontiers in Plant Science, 2016, 7, 1655.	3.6	17
69	A Distinct Pathway for Polar Exocytosis in Plant Cell Wall Formation Â. Plant Physiology, 2016, 172, 1003-1018.	4.8	61
70	Sorting Motifs Involved in the Trafficking and Localization of the PIN1 Auxin Efflux Carrier. Plant Physiology, 2016, 171, 1965-1982.	4.8	22
71	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
72	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

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73	COPII Paralogs in Plants: Functional Redundancy or Diversity?. Trends in Plant Science, 2016, 21, 758-769.	8.8	61
74	Protein Co-localization Studies: Issues and Considerations. Molecular Plant, 2016, 9, 1221-1223.	8.3	5
75	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
76	AtBRO1 Functions in ESCRT-I Complex to Regulate Multivesicular Body Protein Sorting. Molecular Plant, 2016, 9, 760-763.	8.3	27
77	Biogenesis of Plant Prevacuolar Multivesicular Bodies. Molecular Plant, 2016, 9, 774-786.	8.3	115
78	Unconventional protein secretion in plants: a critical assessment. Protoplasma, 2016, 253, 31-43.	2.1	96
79	Endoplasmic reticulum (ER) stress and the unfolded protein response (UPR) in plants. Protoplasma, 2016, 253, 753-764.	2.1	76
80	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
81	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
82	Unique COPII component AtSar1a/AtSec23a pair is required for the distinct function of protein ER export in <i>Arabidopsis thaliana</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14360-14365.	7.1	65
83	EXPO and Autophagosomes are Distinct Organelles in Plants. Plant Physiology, 2015, 169, pp.00953.2015.	4.8	43
84	Dual roles of an <i>Arabidopsis</i> 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
85	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
86	Endocytic and autophagic pathways crosstalk in plants. Current Opinion in Plant Biology, 2015, 28, 39-47.	7.1	65
87	SH Domain Proteins in Plants: Roles in Signaling Transduction and Membrane Trafficking. , 2015, , 17-33.		0
88	Unconventional protein secretion (UPS) pathways in plants. Current Opinion in Cell Biology, 2014, 29, 107-115.	5.4	78
89	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
90	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

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91	<i>Trans</i>-Golgi Network-Located AP1 Gamma Adaptins Mediate Dileucine Motif-Directed Vacuolar Targeting in <i>Arabidopsis</i>. Plant Cell, 2014, 26, 4102-4118.	6.6	87
92	<i>N</i>â€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
93	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 <i>Arabidopsis</i> Vacuolar Sorting Receptor. Plant Cell, 2014, 26, 3693-3708.	6.6	21
94	Autophagosome biogenesis in plants. Autophagy, 2014, 10, 704-705.	9.1	35
95	A Unique Plant ESCRT Component, FREE1, Regulates Multivesicular Body Protein Sorting and Plant Growth. Current Biology, 2014, 24, 2556-2563.	3.9	194
96	Activation of the Rab7 GTPase by the MON1-CCZ1 Complex Is Essential for PVC-to-Vacuole Trafficking and Plant Growth in <i>Arabidopsis</i>. Plant Cell, 2014, 26, 2080-2097.	6.6	192
97	Retention mechanisms for ER and Golgi membrane proteins. Trends in Plant Science, 2014, 19, 508-515.	8.8	83
98	Isolation, Culture, and Transient Transformation of Plant Protoplasts. Current Protocols in Cell Biology, 2014, 63, 2.8.1-17.	2.3	58
99	Analysis of Prevacuolar Compartment-Mediated Vacuolar Proteins Transport. Methods in Molecular Biology, 2014, 1209, 119-129.	0.9	2
100	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
101	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
102	An <i>in vivo</i> 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
103	MicroRNAs Inhibit the Translation of Target mRNAs on the Endoplasmic Reticulum in Arabidopsis. Cell, 2013, 153, 562-574.	28.9	451
104	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
105	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
106	Organelle pH in the Arabidopsis Endomembrane System. Molecular Plant, 2013, 6, 1419-1437.	8.3	310
107	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
108	Unconventional protein secretion. Trends in Plant Science, 2012, 17, 606-615.	8.8	147

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109	Ubiquitin initiates sorting of Golgi and plasma membrane proteins into the vacuolar degradation pathway. BMC Plant Biology, 2012, 12, 164.	3.6	62
110	The Golgi-Localized <i>Arabidopsis</i> Endomembrane Protein12 Contains Both Endoplasmic Reticulum Export and Golgi Retention Signals at Its C Terminus. Plant Cell, 2012, 24, 2086-2104.	6.6	98
111	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
112	SCAMP, VSR, and Plant Endocytosis. , 2012, , 217-231.		0
113	Transient expression and analysis of fluorescent reporter proteins in plant pollen tubes. Nature Protocols, 2011, 6, 419-426.	12.0	55
114	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
115	Vacuolar Sorting Receptor (VSR) Proteins Reach the Plasma Membrane in Germinating Pollen Tubes. Molecular Plant, 2011, 4, 845-853.	8.3	47
116	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
117	EXPO, an Exocyst-Positive Organelle Distinct from Multivesicular Endosomes and Autophagosomes, Mediates Cytosol to Cell Wall Exocytosis in<i>Arabidopsis</i>and Tobacco Cells Â. Plant Cell, 2011, 22, 4009-4030.	6.6	229
118	Retromer recycles vacuolar sorting receptors from the<i>trans</i>-Golgi network. Plant Journal, 2010, 61, 107-121.	5.7	115
119	Vacuolar sorting receptors (VSRs) and secretory carrier membrane proteins (SCAMPs) are essential for pollen tube growth. Plant Journal, 2010, 61, 826-838.	5.7	56
120	Expression and characterization of two functional vacuolar sorting receptor (VSR) proteins, BP-80 and AtVSR4 from culture media of transgenic tobacco BY-2 cells. Plant Science, 2010, 179, 68-76.	3.6	30
121	Wortmannin induces homotypic fusion of plant prevacuolar compartments*. Journal of Experimental Botany, 2009, 60, 3075-3083.	4.8	134
122	Organelle Identification and Characterization in Plant Cells: Using a Combinational Approach of Confocal Immunofluorescence and Electron Microscope. Journal of Plant Biology, 2009, 52, 1-9.	2.1	15
123	BFAâ€Induced compartments from the Golgi apparatus and <i>trans</i>â€Golgi network/early endosome are distinct in plant cells. Plant Journal, 2009, 60, 865-881.	5.7	107
124	Formic acid induces Yca1p-independent apoptosis-like cell death in the yeast Saccharomyces cerevisiae. FEMS Yeast Research, 2008, 8, 531-539.	2.3	50
125	The vacuolar transport of aleurainâ€GFP and 2S albuminâ€GFP fusions is mediated by the same preâ€vacuolar compartments in tobacco BYâ€2 and Arabidopsis suspension cultured cells. Plant Journal, 2008, 56, 824-839.	5.7	69
126	The Endosomal System of Plants: Charting New and Familiar Territories. Plant Physiology, 2008, 147, 1482-1492.	4.8	223

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127	SCAMPs Highlight the Developing Cell Plate during Cytokinesis in Tobacco BY-2 Cells Â Â Â. Plant Physiology, 2008, 147, 1637-1645.	4.8	50
128	Rice SCAMP1 Defines Clathrin-Coated, trans-Golgiâ€"Located Tubular-Vesicular Structures as an Early Endosome in Tobacco BY-2 Cells. Plant Cell, 2007, 19, 296-319.	6.6	258
129	Tracking down the elusive early endosome. Trends in Plant Science, 2007, 12, 497-505.	8.8	91
130	Protein Mobilization in Germinating Mung Bean Seeds Involves Vacuolar Sorting Receptors and Multivesicular Bodies. Plant Physiology, 2007, 143, 1628-1639.	4.8	70
131	Transient expression of fluorescent fusion proteins in protoplasts of suspension cultured cells. Nature Protocols, 2007, 2, 2348-2353.	12.0	206
132	A role for theAtMTP11gene of Arabidopsis in manganese transport and tolerance. Plant Journal, 2007, 51, 198-210.	5.7	235
133	Molecular Characterization of Plant Prevacuolar and Endosomal Compartments. Journal of Integrative Plant Biology, 2007, 49, 1119-1128.	8.5	12
134	Plant Prevacuolar/Endosomal Compartments. International Review of Cytology, 2006, 253, 95-129.	6.2	31
135	Localization of Green Fluorescent Protein Fusions with the Seven Arabidopsis Vacuolar Sorting Receptors to Prevacuolar Compartments in Tobacco BY-2 Cells. Plant Physiology, 2006, 142, 945-962.	4.8	125
136	Dynamic Response of Prevacuolar Compartments to Brefeldin A in Plant Cells. Plant Physiology, 2006, 142, 1442-1459.	4.8	66
137	Plant Retromer, Localized to the Prevacuolar Compartment and Microvesicles in Arabidopsis, May Interact with Vacuolar Sorting Receptors. Plant Cell, 2006, 18, 1239-1252.	6.6	143
138	Selective Membrane Protein Internalization Accompanies Movement from the Endoplasmic Reticulum to the Protein Storage Vacuole Pathway in Arabidopsis. Plant Cell, 2005, 17, 3066-3080.	6.6	59
139	Identification of Multivesicular Bodies as Prevacuolar Compartments in Nicotiana tabacum BY-2 Cells[W]. Plant Cell, 2004, 16, 672-693.	6.6	386
140	Rha1, an Arabidopsis Rab5 Homolog, Plays a Critical Role in the Vacuolar Trafficking of Soluble Cargo Proteins. Plant Cell, 2003, 15, 1057-1070.	6.6	208
141	BP-80 and Homologs are Concentrated on Post-Golgi, Probable Lytic Prevacuolar Compartments. Plant and Cell Physiology, 2002, 43, 726-742.	3.1	99
142	Multivesicular bodies: a mechanism to package lytic and storage functions in one organelle?. Trends in Cell Biology, 2002, 12, 362-367.	7.9	56
143	Biogenesis of the Protein Storage Vacuole Crystalloid. Journal of Cell Biology, 2000, 150, 755-770.	5.2	171
144	Integral Membrane Protein Sorting to Vacuoles in Plant Cells: Evidence for Two Pathways. Journal of Cell Biology, 1998, 143, 1183-1199.	5.2	213