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Cis-Golgi cisternal assembly and biosynthetic activation occur sequentially in plants and algae

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#	Paper	IF	Citations
71	A three-stage model of Golgi structure and function. <i>Histochemistry and Cell Biology</i> , 2013 , 140, 239-49	2.4	58
70	Viewing Golgi structure and function from a different perspective--insights from electron tomography. <i>Methods in Cell Biology</i> , 2013 , 118, 259-79	1.8	8
69	(Re)modeling the Golgi. <i>Methods in Cell Biology</i> , 2013 , 118, 299-310	1.8	9
68	Organization of the ER-Golgi interface for membrane traffic control. <i>Nature Reviews Molecular Cell Biology</i> , 2013 , 14, 382-92	48.7	338
67	Quantitative analysis of intra-Golgi transport shows intercisternal exchange for all cargo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 15692-7	11.5	12
66	Contact of cis-Golgi with ER exit sites executes cargo capture and delivery from the ER. <i>Nature Communications</i> , 2014 , 5, 3653	17.4	99
65	Formation and maintenance of the Golgi apparatus in plant cells. <i>International Review of Cell and Molecular Biology</i> , 2014 , 310, 221-87	6	38
64	A two-tier Golgi-based control of organelle size underpins the functional plasticity of endothelial cells. <i>Developmental Cell</i> , 2014 , 29, 292-304	10.2	69
63	Exiting the ER: what we know and what we don't. <i>Trends in Cell Biology</i> , 2014 , 24, 9-18	18.3	52
62	Arabidopsis p24 ^B and p24 ^B facilitate Coat Protein I-dependent transport of the K/HDEL receptor ERD2 from the Golgi to the endoplasmic reticulum. <i>Plant Journal</i> , 2014 , 80, 1014-30	6.9	17
61	Retention mechanisms for ER and Golgi membrane proteins. <i>Trends in Plant Science</i> , 2014 , 19, 508-15	13.1	65
60	Golgi compartmentation and identity. <i>Current Opinion in Cell Biology</i> , 2014 , 29, 74-81	9	70
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58	Vesicles versus Tubes: Is Endoplasmic Reticulum-Golgi Transport in Plants Fundamentally Different from Other Eukaryotes?. <i>Plant Physiology</i> , 2015 , 168, 393-406	6.6	60
57	In situ structural analysis of Golgi intracisternal protein arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11264-9	11.5	83
56	Protein-protein interactions among xyloglucan-synthesizing enzymes and formation of Golgi-localized multiprotein complexes. <i>Plant and Cell Physiology</i> , 2015 , 56, 255-67	4.9	33
55	Spatial and Functional Aspects of ER-Golgi Rabs and Tethers. <i>Frontiers in Cell and Developmental Biology</i> , 2016 , 4, 28	5.7	25

54	Lipid transfer proteins and the tuning of compartmental identity in the Golgi apparatus. <i>Chemistry and Physics of Lipids</i> , 2016 , 200, 42-61	3.7	5
53	STEM Tomography Imaging of Hypertrophied Golgi Stacks in Mucilage-Secreting Cells. <i>Methods in Molecular Biology</i> , 2016 , 1496, 55-62	1.4	7
52	Receptor-mediated sorting of soluble vacuolar proteins: myths, facts, and a new model. <i>Journal of Experimental Botany</i> , 2016 , 67, 4435-49	7	39
51	The plant secretory pathway seen through the lens of the cell wall. <i>Protoplasma</i> , 2017 , 254, 75-94	3.4	30
50	A Non-Classical Member of the Protein Disulfide Isomerase Family, PDI7 of <i>Arabidopsis thaliana</i> , Localizes to the cis-Golgi and Endoplasmic Reticulum Membranes. <i>Plant and Cell Physiology</i> , 2017 , 58, 1103-1117	4.9	6
49	SH3 Domain-Containing Protein 2 Plays a Crucial Role at the Step of Membrane Tubulation during Cell Plate Formation. <i>Plant Cell</i> , 2017 , 29, 1388-1405	11.6	30
48	Components of the SNARE-containing regulon are co-regulated in root cells undergoing defense. <i>Plant Signaling and Behavior</i> , 2017 , 12, e1274481	2.5	13
47	The Golgi entry core compartment functions as a COPII-independent scaffold for ER-to-Golgi transport in plant cells. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	25
46	Semiautomatic Segmentation of Plant Golgi Stacks in Electron Tomograms Using 3dmod. <i>Methods in Molecular Biology</i> , 2017 , 1662, 97-104	1.4	8
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24	Fusion of Mitochondria to 3-D Networks, Autophagy and Increased Organelle Contacts are Important Subcellular Hallmarks during Cold Stress in Plants. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
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