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Structural basis for VIPP1 oligomerization and maintenance of thylakoid membrane integrity

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#	Paper	IF	Citations
54	ESCRTs got your Bac!. <i>Cell</i> , 2021 , 184, 3591-3592	56.2	1
53	Bacterial Vipp1 and PspA are members of the ancient ESCRT-III membrane-remodeling superfamily. <i>Cell</i> , 2021 , 184, 3660-3673.e18	56.2	14
52	PspA adopts an ESCRT-III-like fold and remodels bacterial membranes. <i>Cell</i> , 2021 , 184, 3674-3688.e18	56.2	12
51	Characterisation of the Ubiquitin-ESCRT pathway in Asgard archaea sheds new light on origins of membrane trafficking in eukaryotes.		
50	Inositol polyphosphates and target of rapamycin kinase signalling govern photosystem II protein phosphorylation and photosynthetic function under light stress in <i>Chlamydomonas</i> . <i>New Phytologist</i> , 2021 , 232, 2011-2025	9.8	1
49	Electron microscopy for imaging organelles in plants and algae.. <i>Plant Physiology</i> , 2022 , 188, 713-725	6.6	2
48	Origin of Cyanobacteria thylakoids via a non-vesicular glycolipid phase transition and impact on the Great Oxygenation Event. <i>Journal of Experimental Botany</i> , 2021 ,	7	1
47	The phylogenetic distribution of the cell division system would not imply a cellular LUCA but a progenotic LUCA. <i>BioSystems</i> , 2021 , 210, 104563	1.9	1
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44	An Stomatin, Prohibitin, Flotillin, and HflK/C-Domain Protein Required to Link the Phage-Shock Protein to the Membrane in. <i>Frontiers in Microbiology</i> , 2021 , 12, 754924	5.7	1
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39	Molecular basketwork.. <i>Nature Plants</i> , 2021 ,	11.5	
38	Production and secretion of functional full-length SARS-CoV-2 spike protein in <i>Chlamydomonas reinhardtii</i> .		1

37	Asymmetric survival in single-cell lineages of cyanobacteria in response to photodamage.		
36	Cargo receptors and adaptors for selective autophagy in plant cells. <i>FEBS Letters</i> ,	3.8	1
35	Asgard archaea shed light on the evolutionary origins of the eukaryotic ubiquitin-ESCRT machinery. <i>Nature Communications</i> , 2022 , 13,	17.4	1
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28	Studying membrane modulation mechanisms by electron cryo-tomography. 2022 , 77, 102464		0
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- 19 Membrane-remodeling protein ESCRT-III homologs incarnate the evolution and morphogenesis of multicellular magnetotactic bacteria.
- 18 SepN is a septal junction component required for gated cell-cell communication in the filamentous cyanobacterium *Nostoc*. **2022**, 13,
- 17 TurboID reveals the proximates of CGE1, VIPP1, and VIPP2 in *Chlamydomonas reinhardtii*.
- 16 Kinetics and targeting of Vipp1 aggregation in cyanobacteria.
- 15 Parallel cryo electron tomography on in situ lamellae.
- 14 Absolute quantification of cellular levels of photosynthesis-related proteins in *Synechocystis* sp. PCC 6803.
- 13 Autophagic degradation of membrane-bound organelles in plants.
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- 6 Supramolecular organization of chloroplast membranes. **2023**, 763-785
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1 Serial Lift-Out Sampling the Molecular Anatomy of Whole Organisms.

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