

Joachim Moser von Filseck

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,621
citations

840776

11
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

1818
citing authors

#	ARTICLE	IF	CITATIONS
1	A Four-Step Cycle Driven by PI(4)P Hydrolysis Directs Sterol/PI(4)P Exchange by the ER-Golgi Tether OSBP. <i>Cell</i> , 2013, 155, 830-843.	28.9	623
2	Phosphatidylserine transport by ORP/Osh proteins is driven by phosphatidylinositol 4-phosphate. <i>Science</i> , 2015, 349, 432-436.	12.6	301
3	Dynamic subunit turnover in ESCRT-III assemblies is regulated by Vps4 to mediate membrane remodelling during cytokinesis. <i>Nature Cell Biology</i> , 2017, 19, 787-798.	10.3	222
4	A phosphatidylinositol-4-phosphate powered exchange mechanism to create a lipid gradient between membranes. <i>Nature Communications</i> , 2015, 6, 6671.	12.8	166
5	An ESCRT-III Polymerization Sequence Drives Membrane Deformation and Fission. <i>Cell</i> , 2020, 182, 1140-1155.e18.	28.9	123
6	Anisotropic ESCRT-III architecture governs helical membrane tube formation. <i>Nature Communications</i> , 2020, 11, 1516.	12.8	55
7	Principles of membrane remodeling by dynamic ESCRT-III polymers. <i>Trends in Cell Biology</i> , 2021, 31, 856-868.	7.9	45
8	New molecular mechanisms of inter-organelle lipid transport. <i>Biochemical Society Transactions</i> , 2016, 44, 486-492.	3.4	25
9	Simplified Fabrication for Ion-Selective Optical Emulsion Sensor with Hydrophobic Solvatochromic Dye Transducer: A Cautionary Tale. <i>Analytical Chemistry</i> , 2019, 91, 8973-8978.	6.5	22
10	Running up that hill: How to create cellular lipid gradients by lipid counter-flows. <i>Biochimie</i> , 2016, 130, 115-121.	2.6	18
11	Building lipid $\hat{=}$ PIPelines $\hat{=}$ ™ throughout the cell by ORP/Osh proteins. <i>Biochemical Society Transactions</i> , 2014, 42, 1465-1470.	3.4	17