

Sven Klumpe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

129
citations

6
h-index

11
g-index

17
ext. papers

307
ext. citations

10.4
avg, IF

3.12
L-index

#	Paper	IF	Citations
15	Recent Advances in Gas Injection System-Free Cryo-FIB Lift-Out Transfer for Cryo-Electron Tomography of Multicellular Organisms and Tissues. <i>Microscopy Today</i> , 2022 , 30, 42-47	0.4	0
14	Allosteric control of Ubp6 and the proteasome via a bidirectional switch.. <i>Nature Communications</i> , 2022 , 13, 838	17.4	3
13	A modular platform for automated cryo-FIB workflows.. <i>ELife</i> , 2021 , 10,	8.9	8
12	Membrane imaging in the plant endomembrane system. <i>Plant Physiology</i> , 2021 , 185, 562-576	6.6	3
11	Deposition-free Cryo-FIB Lift-out Transfer for Cryo-Electron Tomography Specimen Preparation. <i>Microscopy and Microanalysis</i> , 2021 , 27, 3032-3034	0.5	
10	High-resolution structure and biophysical characterization of the nucleocapsid phosphoprotein dimerization domain from the Covid-19 severe acute respiratory syndrome coronavirus 2. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 538, 54-62	3.4	37
9	Structural basis for VIPP1 oligomerization and maintenance of thylakoid membrane integrity. <i>Cell</i> , 2021 , 184, 3643-3659.e23	56.2	17
8	Cryo-EM structure of the cetacean morbillivirus nucleoprotein-RNA complex. <i>Journal of Structural Biology</i> , 2021 , 213, 107750	3.4	3
7	A streamlined workflow for automated cryo focused ion beam milling. <i>Journal of Structural Biology</i> , 2021 , 213, 107743	3.4	15
6	In situ cryo-electron tomography reveals gradient organization of ribosome biogenesis in intact nucleoli. <i>Nature Communications</i> , 2021 , 12, 5364	17.4	6
5	Exploring the catalytic cascade of cembranoid biosynthesis by combination of genetic engineering and molecular simulations. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 1819-1829	6.8	1
4	A low-cost fluorescence reader for in vitro transcription and nucleic acid detection with Cas13a. <i>PLoS ONE</i> , 2019 , 14, e0220091	3.7	20
3	A streamlined workflow for automated cryo focused ion beam milling		5
2	Structural basis for VIPP1 oligomerization and maintenance of thylakoid membrane integrity		7
1	A Modular Platform for Streamlining Automated Cryo-FIB Workflows		2