

Sven Klumpe

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

483
citations

1040018

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1281846

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docs citations

17
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.1	100
2	Structural basis for VIPP1 oligomerization and maintenance of thylakoid membrane integrity. <i>Cell</i> , 2021, 184, 3643-3659.e23.	28.9	76
3	A modular platform for automated cryo-FIB workflows. <i>ELife</i> , 2021, 10, .	6.0	65
4	A streamlined workflow for automated cryo focused ion beam milling. <i>Journal of Structural Biology</i> , 2021, 213, 107743.	2.8	60
5	In situ cryo-electron tomography reveals gradient organization of ribosome biogenesis in intact nucleoli. <i>Nature Communications</i> , 2021, 12, 5364.	12.8	46
6	A low-cost fluorescence reader for in vitro transcription and nucleic acid detection with Cas13a. <i>PLoS ONE</i> , 2019, 14, e0220091.	2.5	44
7	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.	0.3	15
8	Allosteric control of Ubp6 and the proteasome via a bidirectional switch. <i>Nature Communications</i> , 2022, 13, 838.	12.8	15
9	Membrane imaging in the plant endomembrane system. <i>Plant Physiology</i> , 2021, 185, 562-576.	4.8	13
10	Cryo-EM structure of the cetacean morbillivirus nucleoprotein-RNA complex. <i>Journal of Structural Biology</i> , 2021, 213, 107750.	2.8	12
11	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.	4.1	3
12	Deposition-free Cryo-FIB Lift-out Transfer for Cryo-Electron Tomography Specimen Preparation. <i>Microscopy and Microanalysis</i> , 2021, 27, 3032-3034.	0.4	1