

Katharina M Scherer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

401
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1040056

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693
citing authors

#	ARTICLE	IF	CITATIONS
1	Ca ²⁺ -Daptomycin targets cell wall biosynthesis by forming a tripartite complex with undecaprenyl-coupled intermediates and membrane lipids. <i>Nature Communications</i> , 2020, 11, 1455.	12.8	130
2	The Lantibiotic Nisin Induces Lipid II Aggregation, Causing Membrane Instability and Vesicle Budding. <i>Biophysical Journal</i> , 2015, 108, 1114-1124.	0.5	64
3	SARS-CoV-2 nucleocapsid protein adheres to replication organelles before viral assembly at the Golgi/ERGIC and lysosome-mediated egress. <i>Science Advances</i> , 2022, 8, eabl4895.	10.3	53
4	Synthesis, Structure, and Reactions of 1- <i>tert</i> -Butyl-2-diphenylphosphino-imidazole. <i>Inorganic Chemistry</i> , 2011, 50, 793-799.	4.0	29
5	Flat-Field Super-Resolution Localization Microscopy with a Low-Cost Refractive Beam-Shaping Element. <i>Scientific Reports</i> , 2018, 8, 5630.	3.3	27
6	Direct observation of mobility state transitions in RNA trajectories by sensitive single molecule feedback tracking. <i>Nucleic Acids Research</i> , 2015, 43, e14-e14.	14.5	24
7	A fluorescent reporter system enables spatiotemporal analysis of host cell modification during herpes simplex virus-1 replication. <i>Journal of Biological Chemistry</i> , 2021, 296, 100236.	3.4	23
8	Aggregates of nisin with various bactoprenol-containing cell wall precursors differ in size and membrane permeation capacity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2628-2636.	2.6	21
9	Near-native state imaging by cryo-soft-X-ray tomography reveals remodelling of multiple cellular organelles during HSV-1 infection. <i>PLoS Pathogens</i> , 2022, 18, e1010629.	4.7	12
10	Combining sample expansion and light sheet microscopy for the volumetric imaging of virus-infected cells with super-resolution. <i>Biomedical Optics Express</i> , 2020, 11, 5032.	2.9	11
11	Bacterial Chemoreceptor Imaging at High Spatiotemporal Resolution Using Photoconvertible Fluorescent Proteins. <i>Methods in Molecular Biology</i> , 2018, 1729, 203-231.	0.9	2
12	<scp>EAP45</scp> association with budding <scp>HIV</scp>: Kinetics and domain requirements. <i>Traffic</i> , 2021, 22, 439-453.	2.7	2