

Sai Li

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,318
citations

393982

19
h-index

642321

23
g-index

34
all docs

34
docs citations

34
times ranked

4247
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-electron tomography of enveloped viruses. Trends in Biochemical Sciences, 2022, 47, 173-186.	3.7	10
2	A new type of ERGICâ€“ERES membrane contact mediated by TMED9 and SEC12 is required for autophagosome biogenesis. Cell Research, 2022, 32, 119-138.	5.7	31
3	A novel cell culture system modeling the SARS-CoV-2 life cycle. PLoS Pathogens, 2021, 17, e1009439.	2.1	102
4	On the Decarburization of Surface Pearlite. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 3198.	1.1	0
5	Site-Specific Steric Control of SARS-CoV-2 Spike Glycosylation. Biochemistry, 2021, 60, 2153-2169.	1.2	54
6	The Hantavirus Surface Glycoprotein Lattice and Its Fusion Control Mechanism. Cell, 2020, 183, 442-456.e16.	13.5	52
7	Molecular Architecture of the SARS-CoV-2 Virus. Cell, 2020, 183, 730-738.e13.	13.5	793
8	PSGL-1 inhibits HIV-1 infection by restricting actin dynamics and sequestering HIV envelope proteins. Cell Discovery, 2020, 6, 53.	3.1	15
9	Molecular architecture of the luminal ring of the Xenopus laevis nuclear pore complex. Cell Research, 2020, 30, 532-540.	5.7	51
10	Packaging and delivering enzymes by amorphous metal-organic frameworks. Nature Communications, 2019, 10, 5165.	5.8	234
11	The structure of a prokaryotic viral envelope protein expands the landscape of membrane fusion proteins. Nature Communications, 2019, 10, 846.	5.8	37
12	Shielding and activation of a viral membrane fusion protein. Nature Communications, 2018, 9, 349.	5.8	78
13	Structure of the Lassa virus glycan shield provides a model for immunological resistance. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7320-7325.	3.3	95
14	Structural Transitions of the Conserved and Metastable Hantaviral Glycoprotein Envelope. Journal of Virology, 2017, 91, .	1.5	38
15	A Molecular-Level Account of the Antigenic Hantaviral Surface. Cell Reports, 2016, 15, 959-967.	2.9	57
16	Acidic pH-Induced Conformations and LAMP1 Binding of the Lassa Virus Glycoprotein Spike. PLoS Pathogens, 2016, 12, e1005418.	2.1	105
17	pH-Controlled Two-Step Uncoating of Influenza Virus. Biophysical Journal, 2014, 106, 1447-1456.	0.2	106
18	Averaging of Viral Envelope Glycoprotein Spikes from Electron Cryotomography Reconstructions using Jsubtomo. Journal of Visualized Experiments, 2014, , e51714.	0.2	24

#	ARTICLE	IF	CITATIONS
19	Super Hydrophobic PES Membrane and its Application in Biomedical Industry. <i>Procedia Engineering</i> , 2012, 44, 449-450.	1.2	0
20	Critical Time Window of Neuronal Cholesterol Synthesis during Neurite Outgrowth. <i>Journal of Neuroscience</i> , 2012, 32, 7632-7645.	1.7	65
21	Cell Visco-Elasticity Measured with AFM and Optical Trapping at Sub-Micrometer Deformations. <i>PLoS ONE</i> , 2012, 7, e45297.	1.1	178
22	Bending and Puncturing the Influenza Lipid Envelope. <i>Biophysical Journal</i> , 2011, 100, 637-645.	0.2	101
23	Mechanics of Lipid Bilayers of High Curvature. <i>Biophysical Journal</i> , 2010, 98, 592a-593a.	0.2	0
24	Femtosecond 5-W Yb:KGW slab laser oscillator pumped by single broad-area diode and its application as supercontinuum source. <i>Applied Physics B: Lasers and Optics</i> , 2009, 96, 5-10.	1.1	17
25	Thermal lensing in an end-pumped Yb:KGW slab laser with high power single emitter diodes. <i>Optics Express</i> , 2008, 16, 6041.	1.7	32
26	Molecular Architecture of the SARS-CoV-2 Virus. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
27	High-Resolution Description of the Hantavirus Surface Glycoprotein Lattice and Its Membrane Fusion Control Mechanism. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1