

Jian Shi

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,902
citations

430874

18
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

3495
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-ET detects bundled triple helices but not ladders in meiotic budding yeast. PLoS ONE, 2022, 17, e0266035.	2.5	2
2	Antibody affinity versus dengue morphology influences neutralization. PLoS Pathogens, 2021, 17, e1009331.	4.7	8
3	High flavivirus structural plasticity demonstrated by a non-spherical morphological variant. Nature Communications, 2020, 11, 3112.	12.8	19
4	Electron cryotomography analysis of Dam1C/DASH at the kinetochoreâ€“spindle interface in situ. Journal of Cell Biology, 2019, 218, 455-473.	5.2	27
5	Cryo-ET reveals the macromolecular reorganization of <i>S. pombe</i> mitotic chromosomes in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10977-10982.	7.1	60
6	Natural chromatin is heterogeneous and self-associates in vitro. Molecular Biology of the Cell, 2018, 29, 1652-1663.	2.1	29
7	The Variable Internal Structure of the Mycoplasma penetrans Attachment Organelle Revealed by Biochemical and Microscopic Analyses: Implications for Attachment Organelle Mechanism and Evolution. Journal of Bacteriology, 2017, 199, .	2.2	10
8	Dynamics of the peptidoglycan biosynthetic machinery in the stalked budding bacterium <i>Hyphomonas neptunium</i> . Molecular Microbiology, 2017, 103, 875-895.	2.5	35
9	Higher order structures of Adalimumab, Infliximab and their complexes with TNF± revealed by electron microscopy. Protein Science, 2017, 26, 2392-2398.	7.6	21
10	A Human Bi-specific Antibody against Zika Virus with High Therapeutic Potential. Cell, 2017, 171, 229-241.e15.	28.9	118
11	Nanoparticles of Short Cationic Peptidopolysaccharide Self-Assembled by Hydrogen Bonding with Antibacterial Effect against Multidrug-Resistant Bacteria. ACS Applied Materials & Interfaces, 2017, 9, 38288-38303.	8.0	67
12	Unique localization of the plastid-specific ribosomal proteins in the chloroplast ribosome small subunit provides mechanistic insights into the chloroplastic translation. Nucleic Acids Research, 2017, 45, 8581-8595.	14.5	38
13	Phylogenomic analysis of <i>Candidatus</i> <i>Îzimaplasma</i> ™ species: free-living representatives from a <i>Tenericutes</i> clade found in methane seeps. ISME Journal, 2016, 10, 2679-2692.	9.8	88
14	Structure of the thermally stable Zika virus. Nature, 2016, 533, 425-428.	27.8	421
15	Neutralization mechanism of a highly potent antibody against Zika virus. Nature Communications, 2016, 7, 13679.	12.8	91
16	Budding yeast chromatin is dispersed in a crowded nucleoplasm in vivo. Molecular Biology of the Cell, 2016, 27, 3357-3368.	2.1	70
17	Synthesis and in vivo magnetic resonance imaging evaluation of biocompatible branched copolymer nanocontrast agents. International Journal of Nanomedicine, 2015, 10, 5895.	6.7	9
18	Cryoelectron Microscopy Analysis of Small Heat Shock Protein 16.5 (Hsp16.5) Complexes with T4 Lysozyme Reveals the Structural Basis of Multimode Binding. Journal of Biological Chemistry, 2013, 288, 4819-4830.	3.4	42

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19	A common structure for the potexviruses. <i>Virology</i> , 2013, 436, 173-178.	2.4	20
20	Structural diversity of bacterial flagellar motors. <i>EMBO Journal</i> , 2011, 30, 2972-2981.	7.8	281
21	Electron Cryotomography of Bacterial Cells. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	13
22	Fully automated, sequential tilt-series acquisition with Legikon. <i>Journal of Structural Biology</i> , 2009, 167, 11-18.	2.8	180
23	Structure of Flexible Filamentous Plant Viruses. <i>Journal of Virology</i> , 2008, 82, 9546-9554.	3.4	98
24	Cryo-EM Structure of the DNA-Dependent Protein Kinase Catalytic Subunit at Subnanometer Resolution Reveals $\hat{\pm}$ Helices and Insight into DNA Binding. <i>Structure</i> , 2008, 16, 468-477.	3.3	70
25	A Script-Assisted Microscopy (SAM) package to improve data acquisition rates on FEI Tecnai electron microscopes equipped with Gatan CCD cameras. <i>Journal of Structural Biology</i> , 2008, 164, 166-169.	2.8	27
26	Flexible filamentous virus structures from fiber diffraction. <i>Powder Diffraction</i> , 2008, 23, 113-117.	0.2	3
27	Cryoelectron Microscopy and EPR Analysis of Engineered Symmetric and Polydisperse Hsp16.5 Assemblies Reveals Determinants of Polydispersity and Substrate Binding. <i>Journal of Biological Chemistry</i> , 2006, 281, 40420-40428.	3.4	43