

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	Structure of the thermally stable Zika virus. <i>Nature</i> , 2016, 533, 425-428.	27.8	421
2	Structural diversity of bacterial flagellar motors. <i>EMBO Journal</i> , 2011, 30, 2972-2981.	7.8	281
3	Fully automated, sequential tilt-series acquisition with Legikon. <i>Journal of Structural Biology</i> , 2009, 167, 11-18.	2.8	180
4	A Human Bi-specific Antibody against Zika Virus with High Therapeutic Potential. <i>Cell</i> , 2017, 171, 229-241.e15.	28.9	118
5	Structure of Flexible Filamentous Plant Viruses. <i>Journal of Virology</i> , 2008, 82, 9546-9554.	3.4	98
6	Neutralization mechanism of a highly potent antibody against Zika virus. <i>Nature Communications</i> , 2016, 7, 13679.	12.8	91
7	Phylogenomic analysis of <i>Candidatus</i> <i>Îzimaplasma</i> ™ species: free-living representatives from a <i>Tenericutes</i> clade found in methane seeps. <i>ISME Journal</i> , 2016, 10, 2679-2692.	9.8	88
8	Cryo-EM Structure of the DNA-Dependent Protein Kinase Catalytic Subunit at Subnanometer Resolution Reveals Î± Helices and Insight into DNA Binding. <i>Structure</i> , 2008, 16, 468-477.	3.3	70
9	Budding yeast chromatin is dispersed in a crowded nucleoplasm in vivo. <i>Molecular Biology of the Cell</i> , 2016, 27, 3357-3368.	2.1	70
10	Nanoparticles of Short Cationic Peptidopolysaccharide Self-Assembled by Hydrogen Bonding with Antibacterial Effect against Multidrug-Resistant Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38288-38303.	8.0	67
11	Cryo-ET reveals the macromolecular reorganization of <i>S. pombe</i> mitotic chromosomes in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10977-10982.	7.1	60
12	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
13	Cryoelectron Microscopy Analysis of Small Heat Shock Protein 16.5 (Hsp16.5) Complexes with T4 Lysozyme Reveals the Structural Basis of Multimode Binding. <i>Journal of Biological Chemistry</i> , 2013, 288, 4819-4830.	3.4	42
14	Unique localization of the plastid-specific ribosomal proteins in the chloroplast ribosome small subunit provides mechanistic insights into the chloroplastic translation. <i>Nucleic Acids Research</i> , 2017, 45, 8581-8595.	14.5	38
15	Dynamics of the peptidoglycan biosynthetic machinery in the stalked budding bacterium <i>Hyphomonas neptunium</i> . <i>Molecular Microbiology</i> , 2017, 103, 875-895.	2.5	35
16	Natural chromatin is heterogeneous and self-associates in vitro. <i>Molecular Biology of the Cell</i> , 2018, 29, 1652-1663.	2.1	29
17	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
18	Electron cryotomography analysis of Dam1C/DASH at the kinetochoreâ€“spindle interface in situ. <i>Journal of Cell Biology</i> , 2019, 218, 455-473.	5.2	27

#	ARTICLE	IF	CITATIONS
19	Higher order structures of Adalimumab, Infliximab and their complexes with TNF α revealed by electron microscopy. <i>Protein Science</i> , 2017, 26, 2392-2398.	7.6	21
20	A common structure for the potexviruses. <i>Virology</i> , 2013, 436, 173-178.	2.4	20
21	High flavivirus structural plasticity demonstrated by a non-spherical morphological variant. <i>Nature Communications</i> , 2020, 11, 3112.	12.8	19
22	Electron Cryotomography of Bacterial Cells. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	13
23	The Variable Internal Structure of the <i>Mycoplasma penetrans</i> Attachment Organelle Revealed by Biochemical and Microscopic Analyses: Implications for Attachment Organelle Mechanism and Evolution. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	10
24	Synthesis and in vivo magnetic resonance imaging evaluation of biocompatible branched copolymer nanocontrast agents. <i>International Journal of Nanomedicine</i> , 2015, 10, 5895.	6.7	9
25	Antibody affinity versus dengue morphology influences neutralization. <i>PLoS Pathogens</i> , 2021, 17, e1009331.	4.7	8
26	Flexible filamentous virus structures from fiber diffraction. <i>Powder Diffraction</i> , 2008, 23, 113-117.	0.2	3
27	Cryo-ET detects bundled triple helices but not ladders in meiotic budding yeast. <i>PLoS ONE</i> , 2022, 17, e0266035.	2.5	2