

# Jiansen Jiang

## List of Publications by Year in descending order

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31  
papers

2,021  
citations

304743

22  
h-index

477307

29  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for catalyzed assembly of the Sonic hedgehogâ€“Patched1 signaling complex. <i>Developmental Cell</i> , 2022, 57, 670-685.e8.	7.0	13
2	Structure of the Shaker Kv channel and mechanism of slow C-type inactivation. <i>Science Advances</i> , 2022, 8, eabm7814.	10.3	49
3	Structure of an activated DNA-PK and its implications for NHEJ. <i>Molecular Cell</i> , 2021, 81, 801-810.e3.	9.7	77
4	The N terminus of Î±-synuclein dictates fibril formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	39
5	The structure of human ATG9A and its interplay with the lipid bilayer. <i>Autophagy</i> , 2020, 16, 2292-2293.	9.1	6
6	Cryo-EM Uncovers Atomic Details for Loading Cell-Killing Enzymes to the Anthrax Toxin Pretranslocation Complex. <i>Structure</i> , 2020, 28, 871-873.	3.3	0
7	Structure of Human ATG9A, the Only Transmembrane Protein of the Core Autophagy Machinery. <i>Cell Reports</i> , 2020, 31, 107837.	6.4	108
8	Structural insight into mitochondrial Î²-barrel outer membrane protein biogenesis. <i>Nature Communications</i> , 2020, 11, 3290.	12.8	48
9	Structural Insights into Î±-Synuclein Fibril Polymorphism: Effects of Parkinson's Disease-Related C-Terminal Truncations. <i>Journal of Molecular Biology</i> , 2019, 431, 3913-3919.	4.2	92
10	Cryo-EM structure of the bacterial Ton motor subcomplex ExbBâ€“ExbD provides information on structure and stoichiometry. <i>Communications Biology</i> , 2019, 2, 358.	4.4	60
11	Atomic Structure of the E2 Inner Core of Human Pyruvate Dehydrogenase Complex. <i>Biochemistry</i> , 2018, 57, 2325-2334.	2.5	28
12	Structure of Telomerase with Telomeric DNA. <i>Cell</i> , 2018, 173, 1179-1190.e13.	28.9	124
13	Inhibition of EBV-mediated membrane fusion by anti-gHgL antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8703-E8710.	7.1	27
14	Structure of the yeast spliceosomal postcatalytic P complex. <i>Science</i> , 2017, 358, 1278-1283.	12.6	87
15	A pUL25 dimer interfaces the pseudorabies virus capsid and tegument. <i>Journal of General Virology</i> , 2017, 98, 2837-2849.	2.9	27
16	Structure of the Full-Length TRPV2 Channel by Cryo-EM. <i>Microscopy and Microanalysis</i> , 2016, 22, 1118-1119.	0.4	0
17	Structure of the full-length TRPV2 channel by cryo-EM. <i>Nature Communications</i> , 2016, 7, 11130.	12.8	176
18	Integrative structural biology of <i>Tetrahymena</i> telomerase â€“ insights into catalytic mechanism and interaction at telomeres. <i>FEBS Journal</i> , 2016, 283, 2044-2050.	4.7	11

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19	Conserved SMP domains of the ERMES complex bind phospholipids and mediate tether assembly. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3179-88.	7.1	174
20	Atomic structure of anthrax protective antigen pore elucidates toxin translocation. Nature, 2015, 521, 545-549.	27.8	217
21	Structure of <i>Tetrahymena</i> telomerase reveals previously unknown subunits, functions, and interactions. Science, 2015, 350, aab4070.	12.6	134
22	A putative ATPase mediates RNA transcription and capping in a dsRNA virus. ELife, 2015, 4, e07901.	6.0	33
23	Assembly and Architecture of the EBV B Cell Entry Triggering Complex. PLoS Pathogens, 2014, 10, e1004309.	4.7	68
24	Progress in structural studies of telomerase. Current Opinion in Structural Biology, 2014, 24, 115-124.	5.7	17
25	<i>Tetrahymena</i> Telomerase Holoenzyme Assembly, Activation, and Inhibition by Domains of the p50 Central Hub. Molecular and Cellular Biology, 2013, 33, 3962-3971.	2.3	25
26	The architecture of <i>Tetrahymena</i> telomerase holoenzyme. Nature, 2013, 496, 187-192.	27.8	99
27	Single Particle Electron Microscopy Analysis of the Bovine Anion Exchanger 1 Reveals a Flexible Linker Connecting the Cytoplasmic and Membrane Domains. PLoS ONE, 2013, 8, e55408.	2.5	21
28	Structural characterization of full-length NSF and 20S particles. Nature Structural and Molecular Biology, 2012, 19, 268-275.	8.2	46
29	Atomic Model of CPV Reveals the Mechanism Used by This Single-Shelled Virus to Economically Carry Out Functions Conserved in Multishelled Reoviruses. Structure, 2011, 19, 652-661.	3.3	61
30	Activation of DegP chaperone-protease via formation of large cage-like oligomers upon binding to substrate proteins. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11939-11944.	7.1	151
31	The positively charged residues in the fragment 71-77 of complexin is required for its binding to SNARE complex. IUBMB Life, 2007, 59, 84-89.	3.4	3