

Ningning Li

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,849
citations

218381

26
h-index

315357

38
g-index

41
all docs

41
docs citations

41
times ranked

4306
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecture of the mammalian mechanosensitive Piezo1 channel. <i>Nature</i> , 2015, 527, 64-69.	13.7	363
2	The crystal structure of Cpf1 in complex with CRISPR RNA. <i>Nature</i> , 2016, 532, 522-526.	13.7	300
3	Structure of a Pancreatic ATP-Sensitive Potassium Channel. <i>Cell</i> , 2017, 168, 101-110.e10.	13.5	221
4	Structural basis of assembly of the human T cell receptorâ€“CD3 complex. <i>Nature</i> , 2019, 573, 546-552.	13.7	218
5	Structure of the eukaryotic MCM complex at 3.8 Å... <i>Nature</i> , 2015, 524, 186-191.	13.7	207
6	Structural and Functional Insights into the Mode of Action of a Universally Conserved Obg GTPase. <i>PLoS Biology</i> , 2014, 12, e1001866.	2.6	108
7	Structure of the origin recognition complex bound to DNA replication origin. <i>Nature</i> , 2018, 559, 217-222.	13.7	107
8	An anti-CRISPR protein disables type V Cas12a by acetylation. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 308-314.	3.6	104
9	Structural snapshot of cytoplasmic pre-60S ribosomal particles bound by Nmd3, Lsg1, Tif6 and Reh1. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 214-220.	3.6	94
10	HflX is a ribosome-splitting factor rescuing stalled ribosomes under stress conditions. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 906-913.	3.6	88
11	Structural insights into immunoglobulin M. <i>Science</i> , 2020, 367, 1014-1017.	6.0	88
12	Open-ringed structure of the Cdt1â€“Mcm2â€“7 complex as a precursor of the MCM double hexamer. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 300-308.	3.6	87
13	Cryo-EM Structure and Assembly of an Extracellular Contractile Injection System. <i>Cell</i> , 2019, 177, 370-383.e15.	13.5	68
14	Alternate binding modes of anti-CRISPR viral suppressors AcrF1/2 to Csy surveillance complex revealed by cryo-EM structures. <i>Cell Research</i> , 2017, 27, 853-864.	5.7	64
15	Structural basis for interaction of a cotranslational chaperone with the eukaryotic ribosome. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 1042-1046.	3.6	61
16	Structural and functional insights into the tetrameric photosystem I from heterocyst-forming cyanobacteria. <i>Nature Plants</i> , 2019, 5, 1087-1097.	4.7	57
17	Cryo-EM structures of the late-stage assembly intermediates of the bacterial 50S ribosomal subunit. <i>Nucleic Acids Research</i> , 2013, 41, 7073-7083.	6.5	56
18	Unique Roles of the Non-identical MCM Subunits in DNA Replication Licensing. <i>Molecular Cell</i> , 2017, 67, 168-179.	4.5	51

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19	Structural snapshots of human pre-60S ribosomal particles before and after nuclear export. <i>Nature Communications</i> , 2020, 11, 3542.	5.8	44
20	Structural insights into TSC complex assembly and GAP activity on Rheb. <i>Nature Communications</i> , 2021, 12, 339.	5.8	44
21	Mechanistic insights into the alternative translation termination by ArfA and RF2. <i>Nature</i> , 2017, 541, 550-553.	13.7	43
22	Cryo-EM structure of human mitochondrial trifunctional protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7039-7044.	3.3	42
23	Cryo-EM structures of human pannexin 1 channel. <i>Cell Research</i> , 2020, 30, 449-451.	5.7	41
24	Cryo-EM structures of the mammalian endo-lysosomal TRPML1 channel elucidate the combined regulation mechanism. <i>Protein and Cell</i> , 2017, 8, 834-847.	4.8	39
25	Structural insights into the function of a unique tandem GTPase EngA in bacterial ribosome assembly. <i>Nucleic Acids Research</i> , 2014, 42, 13430-13439.	6.5	38
26	Cooperative transport mechanism of human monocarboxylate transporter 2. <i>Nature Communications</i> , 2020, 11, 2429.	5.8	33
27	Structural Dynamics of the MecA-ClpC Complex. <i>Journal of Biological Chemistry</i> , 2013, 288, 17597-17608.	1.6	28
28	Structural insights into the assembly of the 30S ribosomal subunit in vivo: functional role of S5 and location of the 17S rRNA precursor sequence. <i>Protein and Cell</i> , 2014, 5, 394-407.	4.8	26
29	Structural insights into the membrane microdomain organization by SPFH family proteins. <i>Cell Research</i> , 2022, 32, 176-189.	5.7	24
30	Functional Analysis of Ion Transport Properties and Salt Tolerance Mechanisms of RthKT1 from the Recretohalophyte <i>Reaumuria trigyna</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 85-106.	1.5	18
31	Structural remodeling of ribosome associated Hsp40-Hsp70 chaperones during co-translational folding. <i>Nature Communications</i> , 2022, 13, .	5.8	17
32	N-terminal signal peptides facilitate the engineering of PVC complex as a potent protein delivery system. <i>Science Advances</i> , 2022, 8, eabm2343.	4.7	16
33	Structural Insight into the MCM double hexamer activation by Dbf4-Cdc7 kinase. <i>Nature Communications</i> , 2022, 13, 1396.	5.8	15
34	Characterization of <i>Photobacterium</i> Virulence Cassette as a causative agent in the emerging pathogen <i>Photobacterium asymbiotica</i> . <i>Science China Life Sciences</i> , 2022, 65, 618-630.	2.3	12
35	Composition Distribution and Electrochemical Behavior of an Ni ₂ Al ₃ Coating on Q235 Steel. <i>Metals</i> , 2016, 6, 58.	1.0	11
36	Structural dynamics of the yeast Shwachman-Diamond syndrome protein (Sdo1) on the ribosome and its implication in the 60S subunit maturation. <i>Protein and Cell</i> , 2016, 7, 187-200.	4.8	8

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37	Ni ₂ Al ₃ intermetallic coating: microstructure and mechanical properties. <i>Advances in Materials and Processing Technologies</i> , 2018, 4, 255-261.	0.8	3
38	Structural insight into the assembly and conformational activation of human origin recognition complex. <i>Cell Discovery</i> , 2020, 6, 88.	3.1	3