

Haohao Dong

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,232
citations

471477
17
h-index

839512
18
g-index

20
all docs

20
docs citations

20
times ranked

1673
citing authors

#	ARTICLE	IF	CITATIONS
1	Histones released by NETosis enhance the infectivity of SARS-CoV-2 by bridging the spike protein subunit 2 and sialic acid on host cells. , 2022, 19, 577-587.		22
2	An engineered 5-helix bundle derived from SARS-CoV-2 S2 pre-binds sarbecoviral spike at both serological- and endosomal-pH to inhibit virus entry. Emerging Microbes and Infections, 2022, 11, 1920-1935.	6.5	7
3	Structural insights into outer membrane asymmetry maintenance in Gram-negative bacteria by MlaFEDB. Nature Structural and Molecular Biology, 2021, 28, 81-91.	8.2	57
4	Structural basis for bacterial lipoprotein relocation by the transporter LolCDE. Nature Structural and Molecular Biology, 2021, 28, 347-355.	8.2	36
5	Crystal structure of SARS-CoV-2 nsp10 bound to nsp14-ExoN domain reveals an exoribonuclease with both structural and functional integrity. Nucleic Acids Research, 2021, 49, 5382-5392.	14.5	94
6	Catalytic flexibility of rice glycosyltransferase OsUGT91C1 for the production of palatable steviol glycosides. Nature Communications, 2021, 12, 7030.	12.8	24
7	Cryo-EM structures of lipopolysaccharide transporter LptB2FGC in lipopolysaccharide or AMP-PNP-bound states reveal its transport mechanism. Nature Communications, 2019, 10, 4175.	12.8	51
8	Expression and X-Ray Structural Determination of the Nucleoprotein of Lassa Fever Virus. Methods in Molecular Biology, 2018, 1604, 179-188.	0.9	0
9	Structural insight into lipopolysaccharide transport from the Gram-negative bacterial inner membrane to the outer membrane. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1461-1467.	2.4	41
10	Structural and functional insights into the lipopolysaccharide ABC transporter LptB2FG. Nature Communications, 2017, 8, 222.	12.8	64
11	Structural insights into cardiolipin transfer from the Inner membrane to the outer membrane by PbgA in Gram-negative bacteria. Scientific Reports, 2016, 6, 30815.	3.3	33
12	Structural basis of outer membrane protein insertion by the BAM complex. Nature, 2016, 531, 64-69.	27.8	234
13	Trapped lipopolysaccharide and LptD intermediates reveal lipopolysaccharide translocation steps across the Escherichia coli outer membrane. Scientific Reports, 2015, 5, 11883.	3.3	44
14	Lipopolysaccharide is Inserted into the Outer Membrane through An Intramembrane Hole, A Lumen Gate, and the Lateral Opening of LptD. Structure, 2015, 23, 496-504.	3.3	71
15	High-Resolution Structure of the N-Terminal Endonuclease Domain of the Lassa Virus L Polymerase in Complex with Magnesium Ions. PLoS ONE, 2014, 9, e87577.	2.5	33
16	Structural and functional studies of conserved nucleotide-binding protein LptB in lipopolysaccharide transport. Biochemical and Biophysical Research Communications, 2014, 452, 443-449.	2.1	18
17	Structural basis for outer membrane lipopolysaccharide insertion. Nature, 2014, 511, 52-56.	27.8	239
18	Crystal structure of Schmallenberg orthobunyavirus nucleoprotein-RNA complex reveals a novel RNA sequestration mechanism. Rna, 2013, 19, 1129-1136.	3.5	37

#	ARTICLE	IF	CITATIONS
19	Structure of Schmallenberg Orthobunyavirus Nucleoprotein Suggests a Novel Mechanism of Genome Encapsidation. Journal of Virology, 2013, 87, 5593-5601.	3.4	48
20	Structures of Arenaviral Nucleoproteins with Triphosphate dsRNA Reveal a Unique Mechanism of Immune Suppression. Journal of Biological Chemistry, 2013, 288, 16949-16959.	3.4	79