

Liming Yan

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

2,184
citations

13
h-index

19
g-index

19
ext. papers

3,021
ext. citations

20.1
avg, IF

4.85
L-index

#	Paper	IF	Citations
17	Coupling of N7-methyltransferase and 3e5cexoribonuclease with SARS-CoV-2 polymerase reveals mechanisms for capping and proofreading. <i>Cell</i> , 2021 , 184, 3474-3485.e11	56.2	33
16	Cryo-EM Structure of an Extended SARS-CoV-2 Replication and Transcription Complex Reveals an Intermediate State in Cap Synthesis. <i>Cell</i> , 2021 , 184, 184-193.e10	56.2	82
15	A viral protein disrupts vacuolar acidification to facilitate virus infection in plants. <i>EMBO Journal</i> , 2021 , e108713	13	2
14	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , 2020 , 368, 779-782	33.3	819
13	Structure of severe fever with thrombocytopenia syndrome virus L protein elucidates the mechanisms of viral transcription initiation. <i>Nature Microbiology</i> , 2020 , 5, 864-871	26.6	16
12	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. <i>Cell</i> , 2020 , 182, 417-428.e13	56.2	411
11	Structural insights into G domain dimerization and pathogenic mutation of OPA1. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	5
10	Architecture of a SARS-CoV-2 mini replication and transcription complex. <i>Nature Communications</i> , 2020 , 11, 5874	17.4	71
9	Delicate structural coordination of the Severe Acute Respiratory Syndrome coronavirus Nsp13 upon ATP hydrolysis. <i>Nucleic Acids Research</i> , 2019 , 47, 6538-6550	20.1	169
8	Structural basis for GTP hydrolysis and conformational change of MFN1 in mediating membrane fusion. <i>Nature Structural and Molecular Biology</i> , 2018 , 25, 233-243	17.6	55
7	Structural and Biochemical Characterization of Endoribonuclease Nsp15 Encoded by Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2018 , 92,	6.6	58
6	Structures of human mitofusin 1 provide insight into mitochondrial tethering. <i>Journal of Cell Biology</i> , 2016 , 215, 621-629	7.3	105
5	Structural basis and functional analysis of the SARS coronavirus nsp14-nsp10 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9436-41	11.5	281
4	Structures of the yeast dynamin-like GTPase Sey1p provide insight into homotypic ER fusion. <i>Journal of Cell Biology</i> , 2015 , 210, 961-72	7.3	36
3	Assessment of BAK1 activity in different plant receptor-like kinase complexes by quantitative profiling of phosphorylation patterns. <i>Journal of Proteomics</i> , 2014 , 108, 484-93	3.9	26
2	Crystal structure of the novel di-nucleotide cyclase from <i>Vibrio cholerae</i> (DncV) responsible for synthesizing a hybrid cyclic GMP-AMP. <i>Cell Research</i> , 2014 , 24, 1270-3	24.7	10
1	Crystallization and preliminary crystallographic analysis of defective pollen wall (DPW) protein from <i>Oryza sativa</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014 , 70, 758-60	1.1	4

