

# Liming Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7491448/publications.pdf>

Version: 2024-02-01

18  
papers

3,542  
citations

623188

14  
h-index

839053

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

6112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , 2020, 368, 779-782.	6.0	1,228
2	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. <i>Cell</i> , 2020, 182, 417-428.e13.	13.5	672
3	Structural basis and functional analysis of the SARS coronavirus nsp14 <sup>nc</sup> nsp10 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9436-9441.	3.3	431
4	Delicate structural coordination of the Severe Acute Respiratory Syndrome coronavirus Nsp13 upon ATP hydrolysis. <i>Nucleic Acids Research</i> , 2019, 47, 6538-6550.	6.5	256
5	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.	13.5	201
6	Architecture of a SARS-CoV-2 mini replication and transcription complex. <i>Nature Communications</i> , 2020, 11, 5874.	5.8	147
7	Structures of human mitofusin 1 provide insight into mitochondrial tethering. <i>Journal of Cell Biology</i> , 2016, 215, 621-629.	2.3	141
8	Coupling of N7-methyltransferase and 3 <sup>nc</sup> -5 <sup>nc</sup> exoribonuclease with SARS-CoV-2 polymerase reveals mechanisms for capping and proofreading. <i>Cell</i> , 2021, 184, 3474-3485.e11.	13.5	111
9	Structural and Biochemical Characterization of Endoribonuclease Nsp15 Encoded by Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2018, 92, .	1.5	97
10	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.	3.6	78
11	Structures of the yeast dynamin-like GTPase Sey1p provide insight into homotypic ER fusion. <i>Journal of Cell Biology</i> , 2015, 210, 961-972.	2.3	46
12	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.	5.9	38
13	Assessment of BAK1 activity in different plant receptor-like kinase complexes by quantitative profiling of phosphorylation patterns. <i>Journal of Proteomics</i> , 2014, 108, 484-493.	1.2	32
14	Structural insights into G domain dimerization and pathogenic mutation of OPA1. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	25
15	A viral protein disrupts vacuolar acidification to facilitate virus infection in plants. <i>EMBO Journal</i> , 2022, 41, e108713.	3.5	15
16	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, 1270-1273.	5.7	14
17	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, 758-760.	0.4	4
18	Crystal Structure of the Epo1-Bem3 Complex for Bud Growth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3812.	1.8	0