

# Jian Lei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2105101/publications.pdf>

Version: 2024-02-01

16  
papers

1,760  
citations

687363

13  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

3419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nsp3 of coronaviruses: Structures and functions of a large multi-domain protein. <i>Antiviral Research</i> , 2018, 149, 58-74.	4.1	542
2	SARS-CoV-2 M <sup>pro</sup> inhibitors with antiviral activity in a transgenic mouse model. <i>Science</i> , 2021, 371, 1374-1378.	12.6	324
3	Crystal structure of Zika virus NS2B-NS3 protease in complex with a boronate inhibitor. <i>Science</i> , 2016, 353, 503-505.	12.6	285
4	p53 down-regulates SARS coronavirus replication and is targeted by the SARS-unique domain and PL <sup>pro</sup> via E3 ubiquitin ligase RCHY1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5192-201.	7.1	172
5	Structural characterization of the C-terminal domain of SARS-CoV-2 nucleocapsid protein. <i>Molecular Biomedicine</i> , 2020, 1, 2.	4.4	76
6	Crystal structure of the papain-like protease of MERS coronavirus reveals unusual, potentially druggable active-site features. <i>Antiviral Research</i> , 2014, 109, 72-82.	4.1	74
7	scRNA <sup>seq</sup> virus proteases counteracting host innate immunity. <i>FEBS Letters</i> , 2017, 591, 3190-3210.	2.8	64
8	An orally available Mpro inhibitor is effective against wild-type SARS-CoV-2 and variants including Omicron. <i>Nature Microbiology</i> , 2022, 7, 716-725.	13.3	62
9	Virus "host interactomes" antiviral drug discovery. <i>Current Opinion in Virology</i> , 2012, 2, 614-621.	5.4	40
10	Structural and mutational analysis of the interaction between the Middle-East respiratory syndrome coronavirus (MERS-CoV) papain-like protease and human ubiquitin. <i>Virologica Sinica</i> , 2016, 31, 288-299.	3.0	30
11	The Structure of the Zika Virus Protease, NS2B/NS3 <sup>pro</sup> . <i>Advances in Experimental Medicine and Biology</i> , 2018, 1062, 131-145.	1.6	28
12	The SARS-unique domain (SUD) of SARS-CoV and SARS-CoV-2 interacts with human Paip1 to enhance viral RNA translation. <i>EMBO Journal</i> , 2021, 40, e102277.	7.8	26
13	SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. <i>Protein and Cell</i> , 2022, 13, 602-614.	11.0	15
14	Lybatides from <i>Lycium barbarum</i> Contain An Unusual Cystine-stapled Helical Peptide Scaffold. <i>Scientific Reports</i> , 2017, 7, 5194.	3.3	13
15	Crystal structure of the middle domain of human poly(A)-binding protein-interacting protein 1. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 680-685.	2.1	5
16	Characterization of an Allosteric Pocket in Zika Virus NS2B-NS3 Protease. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 945-957.	5.4	4