

# Hanqin Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4961015/publications.pdf>

Version: 2024-02-01

14  
papers

3,017  
citations

623574

14  
h-index

1058333

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

5232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct conformational states of SARS-CoV-2 spike protein. <i>Science</i> , 2020, 369, 1586-1592.	6.0	995
2	Structural impact on SARS-CoV-2 spike protein by D614G substitution. <i>Science</i> , 2021, 372, 525-530.	6.0	344
3	Membrane fusion and immune evasion by the spike protein of SARS-CoV-2 Delta variant. <i>Science</i> , 2021, 374, 1353-1360.	6.0	246
4	A fusion-intermediate state of HIV-1 gp41 targeted by broadly neutralizing antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3739-3744.	3.3	213
5	Structural basis for enhanced infectivity and immune evasion of SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 642-648.	6.0	211
6	Structural basis of coreceptor recognition by HIV-1 envelope spike. <i>Nature</i> , 2019, 565, 318-323.	13.7	165
7	HIV-1 envelope trimer elicits more potent neutralizing antibody responses than monomeric gp120. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12111-12116.	3.3	163
8	HIV-1 Neutralizing Antibody Signatures and Application to Epitope-Targeted Vaccine Design. <i>Cell Host and Microbe</i> , 2019, 25, 59-72.e8.	5.1	124
9	Effect of the cytoplasmic domain on antigenic characteristics of HIV-1 envelope glycoprotein. <i>Science</i> , 2015, 349, 191-195.	6.0	113
10	A trimeric human angiotensin-converting enzyme 2 as an anti-SARS-CoV-2 agent. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 202-209.	3.6	110
11	Structural and functional impact by SARS-CoV-2 Omicron spike mutations. <i>Cell Reports</i> , 2022, 39, 110729.	2.9	102
12	Structure of the membrane proximal external region of HIV-1 envelope glycoprotein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8892-E8899.	3.3	72
13	Structural basis of transmembrane coupling of the HIV-1 envelope glycoprotein. <i>Nature Communications</i> , 2020, 11, 2317.	5.8	49
14	Cryo-EM Structure of Full-length HIV-1 Env Bound With the Fab of Antibody PG16. <i>Journal of Molecular Biology</i> , 2020, 432, 1158-1168.	2.0	47