

# Hebang Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6505464/publications.pdf>

Version: 2024-02-01

7  
papers

200  
citations

1307366

7  
h-index

1719901

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

322  
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthetic nanobody targeting RBD protects hamsters from SARS-CoV-2 infection. <i>Nature Communications</i> , 2021, 12, 4635.	5.8	72
2	A high-affinity RBD-targeting nanobody improves fusion partner's potency against SARS-CoV-2. <i>PLoS Pathogens</i> , 2021, 17, e1009328.	2.1	37
3	An improved fluorescent tag and its nanobodies for membrane protein expression, stability assay, and purification. <i>Communications Biology</i> , 2020, 3, 753.	2.0	20
4	Uncovering a conserved vulnerability site in SARS-CoV-2 by a human antibody. <i>EMBO Molecular Medicine</i> , 2021, 13, e14544.	3.3	17
5	Thermostabilization of Membrane Proteins by Consensus Mutation: A Case Study for a Fungal $\Delta^8$ -7 Sterol Isomerase. <i>Journal of Molecular Biology</i> , 2020, 432, 5162-5183.	2.0	14
6	The phosphatidylglycerol phosphate synthase PgsA utilizes a trifurcated amphipathic cavity for catalysis at the membrane-cytosol interface. <i>Current Research in Structural Biology</i> , 2021, 3, 312-323.	1.1	11
7	High-level heterologous expression of the human transmembrane sterol $\Delta^8$ , $\Delta^7$ -isomerase in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2019, 164, 105463.	0.6	9