

# Renhong Yan

## List of Publications by Citations

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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.

24  
papers

4,299  
citations

12  
h-index

30  
g-index

30  
ext. papers

5,869  
ext. citations

22.3  
avg, IF

6.64  
L-index

#	Paper	IF	Citations
24	Structural basis for the recognition of SARS-CoV-2 by full-length human ACE2. <i>Science</i> , <b>2020</b> , 367, 1444-1448	33.3	2938
23	A neutralizing human antibody binds to the N-terminal domain of the Spike protein of SARS-CoV-2. <i>Science</i> , <b>2020</b> , 369, 650-655	33.3	854
22	Structure of the human LAT1-4F2hc heteromeric amino acid transporter complex. <i>Nature</i> , <b>2019</b> , 568, 127-130	50.4	127
21	Human SEIPIN Binds Anionic Phospholipids. <i>Developmental Cell</i> , <b>2018</b> , 47, 248-256.e4	10.2	107
20	SARS-CoV-2 exacerbates proinflammatory responses in myeloid cells through C-type lectin receptors and Tweety family member 2. <i>Immunity</i> , <b>2021</b> , 54, 1304-1319.e9	32.3	41
19	Engineered trimeric ACE2 binds viral spike protein and locks it in "Three-up" conformation to potently inhibit SARS-CoV-2 infection. <i>Cell Research</i> , <b>2021</b> , 31, 98-100	24.7	35
18	A potent neutralizing human antibody reveals the N-terminal domain of the Spike protein of SARS-CoV-2 as a site of vulnerability		29
17	Structural basis for catalysis and substrate specificity of human ACAT1. <i>Nature</i> , <b>2020</b> , 581, 333-338	50.4	26
16	Structural basis for the different states of the spike protein of SARS-CoV-2 in complex with ACE2. <i>Cell Research</i> , <b>2021</b> , 31, 717-719	24.7	22
15	Structure of dimeric full-length human ACE2 in complex with B0AT1		20
14	Structural basis for bivalent binding and inhibition of SARS-CoV-2 infection by human potent neutralizing antibodies. <i>Cell Research</i> , <b>2021</b> , 31, 517-525	24.7	20
13	Cryo-EM structure of the human heteromeric amino acid transporter bAT-rBAT. <i>Science Advances</i> , <b>2020</b> , 6, eaay6379	14.3	13
12	Molecular mechanism of pH-dependent substrate transport by an arginine-arginine antiporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 12734-9	11.5	12
11	Mechanism of substrate transport and inhibition of the human LAT1-4F2hc amino acid transporter. <i>Cell Discovery</i> , <b>2021</b> , 7, 16	22.3	11
10	A structure of human Scap bound to Insig-2 suggests how their interaction is regulated by sterols. <i>Science</i> , <b>2021</b> , 371,	33.3	11
9	ACE2-targeting monoclonal antibody as potent and broad-spectrum coronavirus blocker. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 315	21	9
8	Structural insight into the substrate recognition and transport mechanism of the human LAT2-4F2hc complex. <i>Cell Discovery</i> , <b>2020</b> , 6, 82	22.3	7

7	Structural basis for sterol sensing by Scap and Insig. <i>Cell Reports</i> , <b>2021</b> , 35, 109299	10.6	4
6	Novel sarbecovirus bispecific neutralizing antibodies with exceptional breadth and potency against currently circulating SARS-CoV-2 variants and sarbecoviruses.. <i>Cell Discovery</i> , <b>2022</b> , 8, 36	22.3	4
5	Engineered Trimeric ACE2 Binds and Locks Three-up Spike Protein to Potently Inhibit SARS-CoVs and Mutants		2
4	Structural basis for bivalent binding and inhibition of SARS-CoV-2 infection by human potent neutralizing antibodies		2
3	ACE2-Targeting Monoclonal Antibody as Potent and Broad-Spectrum Coronavirus Blocker		2
2	The structure of erastin-bound xCT-4F2hc complex reveals molecular mechanisms underlying erastin-induced ferroptosis.. <i>Cell Research</i> , <b>2022</b> ,	24.7	2
1	ACE2, BAT1, and SARS-CoV-2 spike protein: Structural and functional implications.. <i>Current Opinion in Structural Biology</i> , <b>2022</b> , 74, 102388	8.1	0