

Renhong Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5804481/publications.pdf>

Version: 2024-02-01

22
papers

6,766
citations

516561

16
h-index

677027

22
g-index

30
all docs

30
docs citations

30
times ranked

14749
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for the recognition of SARS-CoV-2 by full-length human ACE2. <i>Science</i> , 2020, 367, 1444-1448.	6.0	4,319
2	A neutralizing human antibody binds to the N-terminal domain of the Spike protein of SARS-CoV-2. <i>Science</i> , 2020, 369, 650-655.	6.0	1,292
3	Structure of the human LAT1-4F2hc heteromeric amino acid transporter complex. <i>Nature</i> , 2019, 568, 127-130.	13.7	217
4	Human SEIPIN Binds Anionic Phospholipids. <i>Developmental Cell</i> , 2018, 47, 248-256.e4.	3.1	159
5	SARS-CoV-2 exacerbates proinflammatory responses in myeloid cells through C-type lectin receptors and Tweety family member 2. <i>Immunity</i> , 2021, 54, 1304-1319.e9.	6.6	115
6	Structural basis for the different states of the spike protein of SARS-CoV-2 in complex with ACE2. <i>Cell Research</i> , 2021, 31, 717-719.	5.7	77
7	Engineered trimeric ACE2 binds viral spike protein and locks it in a three-up conformation to potentially inhibit SARS-CoV-2 infection. <i>Cell Research</i> , 2021, 31, 98-100.	5.7	76
8	Structural basis for catalysis and substrate specificity of human ACAT1. <i>Nature</i> , 2020, 581, 333-338.	13.7	66
9	Structural basis for bivalent binding and inhibition of SARS-CoV-2 infection by human potent neutralizing antibodies. <i>Cell Research</i> , 2021, 31, 517-525.	5.7	54
10	ACE2-targeting monoclonal antibody as potent and broad-spectrum coronavirus blocker. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 315.	7.1	53
11	The structure of erastin-bound xCT-4F2hc complex reveals molecular mechanisms underlying erastin-induced ferroptosis. <i>Cell Research</i> , 2022, 32, 687-690.	5.7	48
12	A structure of human Scap bound to Insig-2 suggests how their interaction is regulated by sterols. <i>Science</i> , 2021, 371, .	6.0	44
13	Mechanism of substrate transport and inhibition of the human LAT1-4F2hc amino acid transporter. <i>Cell Discovery</i> , 2021, 7, 16.	3.1	40
14	Cryo-EM structure of the human heteromeric amino acid transporter b ^{0,+} AT-rBAT. <i>Science Advances</i> , 2020, 6, eaay6379.	4.7	27
15	Novel sarbecovirus bispecific neutralizing antibodies with exceptional breadth and potency against currently circulating SARS-CoV-2 variants and sarbecoviruses. <i>Cell Discovery</i> , 2022, 8, 36.	3.1	22
16	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> , 2014, 111, 12734-12739.	3.3	21
17	Structural basis for sterol sensing by Scap and Insig. <i>Cell Reports</i> , 2021, 35, 109299.	2.9	16
18	Structural insight into the substrate recognition and transport mechanism of the human LAT2-4F2hc complex. <i>Cell Discovery</i> , 2020, 6, 82.	3.1	13

#	ARTICLE	IF	CITATIONS
19	Structural advances in sterol-sensing domain-containing proteins. Trends in Biochemical Sciences, 2022, 47, 289-300.	3.7	13
20	ACE2, BOAT1, and SARS-CoV-2 spike protein: Structural and functional implications. Current Opinion in Structural Biology, 2022, 74, 102388.	2.6	10
21	Cryo-EM structures of recombinant human sodium-potassium pump determined in three different states. Nature Communications, 2022, 13, .	5.8	10
22	Structural and functional analysis of an inter-Spike bivalent neutralizing antibody against SARS-CoV-2 variants. IScience, 2022, 25, 104431.	1.9	3