

Renhong Yan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5804481/renhong-yan-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The structure of erastin-bound xCT-4F2hc complex reveals molecular mechanisms underlying erastin-induced ferroptosis.. <i>Cell Research</i> , 2022 ,	24.7	2
23	ACE2, BAT1, and SARS-CoV-2 spike protein: Structural and functional implications.. <i>Current Opinion in Structural Biology</i> , 2022 , 74, 102388	8.1	0
22	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	22.3	4
21	Mechanism of substrate transport and inhibition of the human LAT1-4F2hc amino acid transporter. <i>Cell Discovery</i> , 2021 , 7, 16	22.3	11
20	A structure of human Scap bound to Insig-2 suggests how their interaction is regulated by sterols. <i>Science</i> , 2021 , 371,	33.3	11
19	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	24.7	22
18	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	24.7	20
17	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	32.3	41
16	Structural basis for sterol sensing by Scap and Insig. <i>Cell Reports</i> , 2021 , 35, 109299	10.6	4
15	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> , 2021 , 31, 98-100	24.7	35
14	ACE2-targeting monoclonal antibody as potent and broad-spectrum coronavirus blocker. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 315	21	9
13	Structural basis for catalysis and substrate specificity of human ACAT1. <i>Nature</i> , 2020 , 581, 333-338	50.4	26
12	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	33.3	854
11	Structural basis for the recognition of SARS-CoV-2 by full-length human ACE2. <i>Science</i> , 2020 , 367, 1444-1448	39.9	2938
10	Structural insight into the substrate recognition and transport mechanism of the human LAT2-4F2hc complex. <i>Cell Discovery</i> , 2020 , 6, 82	22.3	7
9	Cryo-EM structure of the human heteromeric amino acid transporter bAT-rBAT. <i>Science Advances</i> , 2020 , 6, eaay6379	14.3	13
8	Structure of the human LAT1-4F2hc heteromeric amino acid transporter complex. <i>Nature</i> , 2019 , 568, 127-130	50.4	127

7	Human SEIPIN Binds Anionic Phospholipids. <i>Developmental Cell</i> , 2018 , 47, 248-256.e4	10.2	107
6	Molecular mechanism of pH-dependent substrate transport by an arginine-aggmatine antiporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12734-9	11.5	12
5	Structure of dimeric full-length human ACE2 in complex with B0AT1		20
4	A potent neutralizing human antibody reveals the N-terminal domain of the Spike protein of SARS-CoV-2 as a site of vulnerability		29
3	Engineered Trimeric ACE2 Binds and Locks Three-up Spike Protein to Potently Inhibit SARS-CoVs and Mutants		2
2	Structural basis for bivalent binding and inhibition of SARS-CoV-2 infection by human potent neutralizing antibodies		2
1	ACE2-Targeting Monoclonal Antibody as Potent and Broad-Spectrum Coronavirus Blocker		2