

Nianshuang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

14,713
citations

361045

20
h-index

713013

21
g-index

30
all docs

30
docs citations

30
times ranked

23073
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalent, protective, and convergent IgG recognition of SARS-CoV-2 non-RBD spike epitopes. <i>Science</i> , 2021, 372, 1108-1112.	6.0	210
2	Cross-reactive coronavirus antibodies with diverse epitope specificities and Fc effector functions. <i>Cell Reports Medicine</i> , 2021, 2, 100313.	3.3	56
3	A Combination of Receptor-Binding Domain and N-Terminal Domain Neutralizing Antibodies Limits the Generation of SARS-CoV-2 Spike Neutralization-Escape Mutants. <i>MBio</i> , 2021, 12, e0247321.	1.8	35
4	Expression and characterization of SARS-CoV-2 spike proteins. <i>Nature Protocols</i> , 2021, 16, 5339-5356.	5.5	31
5	SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. <i>Nature</i> , 2020, 586, 567-571.	13.7	1,153
6	Structure-based design of prefusion-stabilized SARS-CoV-2 spikes. <i>Science</i> , 2020, 369, 1501-1505.	6.0	977
7	Structural Basis for Potent Neutralization of Betacoronaviruses by Single-Domain Camelid Antibodies. <i>Cell</i> , 2020, 181, 1004-1015.e15.	13.5	506
8	Broad neutralization of SARS-related viruses by human monoclonal antibodies. <i>Science</i> , 2020, 369, 731-736.	6.0	534
9	Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation. <i>Science</i> , 2020, 367, 1260-1263.	6.0	7,517
10	Structural Definition of a Neutralization-Sensitive Epitope on the MERS-CoV S1-NTD. <i>Cell Reports</i> , 2019, 28, 3395-3405.e6.	2.9	63
11	A high-throughput inhibition assay to study MERS-CoV antibody interactions using image cytometry. <i>Journal of Virological Methods</i> , 2019, 265, 77-83.	1.0	12
12	Importance of Neutralizing Monoclonal Antibodies Targeting Multiple Antigenic Sites on the Middle East Respiratory Syndrome Coronavirus Spike Glycoprotein To Avoid Neutralization Escape. <i>Journal of Virology</i> , 2018, 92, .	1.5	155
13	Global site-specific analysis of glycoprotein N-glycan processing. <i>Nature Protocols</i> , 2018, 13, 1196-1212.	5.5	71
14	Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. <i>Scientific Reports</i> , 2018, 8, 15701.	1.6	408
15	Immunogenicity and structures of a rationally designed prefusion MERS-CoV spike antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7348-E7357.	3.3	944
16	Pre-fusion structure of a human coronavirus spike protein. <i>Nature</i> , 2016, 531, 118-121.	13.7	623
17	Structural basis for the neutralization of MERS-CoV by a human monoclonal antibody MERS-27. <i>Scientific Reports</i> , 2015, 5, 13133.	1.6	63
18	Potent Neutralization of MERS-CoV by Human Neutralizing Monoclonal Antibodies to the Viral Spike Glycoprotein. <i>Science Translational Medicine</i> , 2014, 6, 234ra59.	5.8	194

#	ARTICLE	IF	CITATIONS
19	Identification of residues on human receptor DPP4 critical for MERS-CoV binding and entry. <i>Virology</i> , 2014, 471-473, 49-53.	1.1	44
20	Structure of MERS-CoV spike receptor-binding domain complexed with human receptor DPP4. <i>Cell Research</i> , 2013, 23, 986-993.	5.7	588