

Hejun Liu

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,719
citations

516215

16
h-index

433756

31
g-index

55
all docs

55
docs citations

55
times ranked

5073
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis of a shared antibody response to SARS-CoV-2. <i>Science</i> , 2020, 369, 1119-1123.	6.0	536
2	Structural and functional ramifications of antigenic drift in recent SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 818-823.	6.0	309
3	A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. <i>Cell</i> , 2020, 183, 1058-1069.e19.	13.5	305
4	Structure-guided multivalent nanobodies block SARS-CoV-2 infection and suppress mutational escape. <i>Science</i> , 2021, 371, .	6.0	304
5	Cross-Neutralization of a SARS-CoV-2 Antibody to a Functionally Conserved Site Is Mediated by Avidity. <i>Immunity</i> , 2020, 53, 1272-1280.e5.	6.6	185
6	Recognition of the SARS-CoV-2 receptor binding domain by neutralizing antibodies. <i>Biochemical and Biophysical Research Communications</i> , 2021, 538, 192-203.	1.0	165
7	An Alternative Binding Mode of IGHV3-53 Antibodies to the SARS-CoV-2 Receptor Binding Domain. <i>Cell Reports</i> , 2020, 33, 108274.	2.9	152
8	Bispecific antibodies targeting distinct regions of the spike protein potently neutralize SARS-CoV-2 variants of concern. <i>Science Translational Medicine</i> , 2021, 13, eabj5413.	5.8	79
9	A Secreted Viral Nonstructural Protein Determines Intestinal Norovirus Pathogenesis. <i>Cell Host and Microbe</i> , 2019, 25, 845-857.e5.	5.1	57
10	A combination of cross-neutralizing antibodies synergizes to prevent SARS-CoV-2 and SARS-CoV pseudovirus infection. <i>Cell Host and Microbe</i> , 2021, 29, 806-818.e6.	5.1	49
11	Dynamics of B cell repertoires and emergence of cross-reactive responses in patients with different severities of COVID-19. <i>Cell Reports</i> , 2021, 35, 109173.	2.9	46
12	Targeted isolation of diverse human protective broadly neutralizing antibodies against SARS-like viruses. <i>Nature Immunology</i> , 2022, 23, 960-970.	7.0	39
13	COVA1-18 neutralizing antibody protects against SARS-CoV-2 in three preclinical models. <i>Nature Communications</i> , 2021, 12, 6097.	5.8	38
14	A broad and potent neutralization epitope in SARS-related coronaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	34
15	Structural insights of a highly potent pan-neutralizing SARS-CoV-2 human monoclonal antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120976119.	3.3	27
16	Protective neutralizing epitopes in SARS-CoV-2. <i>Immunological Reviews</i> , 2022, 310, 76-92.	2.8	23
17	Diverse immunoglobulin gene usage and convergent epitope targeting in neutralizing antibody responses to SARS-CoV-2. <i>Cell Reports</i> , 2021, 35, 109109.	2.9	21
18	Probing Affinity, Avidity, Anticooperativity, and Competition in Antibody and Receptor Binding to the SARS-CoV-2 Spike by Single Particle Mass Analyses. <i>ACS Central Science</i> , 2021, 7, 1863-1873.	5.3	20

#	ARTICLE	IF	CITATIONS
19	Structures of enzymeâ€™intermediate complexes of yeast Nit2: insights into its catalytic mechanism and different substrate specificity compared with mammalian Nit2. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1470-1481.	2.5	16
20	Conservation of Structure and Immune Antagonist Functions of Filoviral VP35 Homologs Present in Microbat Genomes. <i>Cell Reports</i> , 2018, 24, 861-872.e6.	2.9	16
21	The intrinsically disordered protein TgIST from <i>Toxoplasma gondii</i> inhibits STAT1 signaling by blocking cofactor recruitment. <i>Nature Communications</i> , 2022, 13, .	5.8	15
22	Structural insights into yeast histone chaperone Hif1: a scaffold protein recruiting protein complexes to core histones. <i>Biochemical Journal</i> , 2014, 462, 465-473.	1.7	14
23	Structural Insights into the Association of Hif1 with Histones H2A-H2B Dimer and H3-H4 Tetramer. <i>Structure</i> , 2016, 24, 1810-1820.	1.6	14
24	Neutralizing Antibodies to SARSâ€™CoVâ€™2 Selected from a Human Antibody Library Constructed Decades Ago. <i>Advanced Science</i> , 2022, 9, e2102181.	5.6	14
25	Superimmunity by pan-sarbecovirus nanobodies. <i>Cell Reports</i> , 2022, 39, 111004.	2.9	13
26	Structural insights into the role of the Chl4â€™lml3 complex in kinetochore assembly. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2412-2419.	2.5	7
27	Homologous and heterologous serological response to the Nâ€™terminal domain of SARSâ€™CoVâ€™2 in humans and mice. <i>European Journal of Immunology</i> , 2021, 51, 2296-2305.	1.6	7
28	Structural insights into decreased enzymatic activity induced by an insert sequence in mannonate dehydratase from Gram negative bacterium. <i>Journal of Structural Biology</i> , 2012, 180, 327-334.	1.3	5
29	Crystallographic Analysis of the Catalytic Mechanism of Phosphopantothenoylcysteine Synthetase from <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Biology</i> , 2019, 431, 764-776.	2.0	4
30	A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
31	Nipah Virus V Protein Binding Alters MDA5 Helicase Folding Dynamics. <i>ACS Infectious Diseases</i> , 2022, 8, 118-128.	1.8	3
32	Dynamics of B-Cell Repertoires and Emergence of Cross-Reactive Responses in COVID-19 Patients with Different Disease Severity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
33	Neutralizing Antibody Response to Sarbecovirus Is Delayed in Sequential Heterologous Immunization. <i>Viruses</i> , 2022, 14, 1382.	1.5	2
34	Structural basis of recognition of SARS-CoV-2 by neutralizing antibodies isolated from convalescent patients. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2020, 76, a202-a202.	0.0	0