

Linqi Zhang

List of Publications by Year in Descending Order

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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.

99
papers

9,132
citations

33
h-index

95
g-index

113
ext. papers

12,123
ext. citations

14.1
avg, IF

6.51
L-index

#	Paper	IF	Citations
99	Loss of Spike N370 glycosylation as an important evolutionary event for the enhanced infectivity of SARS-CoV-2.. <i>Cell Research</i> , 2022 ,	24.7	2
98	A commentary of Shock and Killuf Latent HIVIn 10 remarkable discoveries from 2020 in Nature. <i>Fundamental Research</i> , 2022 ,		
97	Deep learning guided optimization of human antibody against SARS-CoV-2 variants with broad neutralization.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2122954119	11.5	1
96	RBD trimer mRNA vaccine elicits broad and protective immune responses against SARS-CoV-2 variants.. <i>IScience</i> , 2022 , 104043	6.1	3
95	Structural insights into the SARS-CoV-2 Omicron RBD-ACE2 interaction.. <i>Cell Research</i> , 2022 ,	24.7	7
94	Broadly neutralizing antibodies against SARS-CoV-2 variants 2022 , 1, 20220005		1
93	A Potent and Protective Human Neutralizing Antibody Against SARS-CoV-2 Variants.. <i>Frontiers in Immunology</i> , 2021 , 12, 766821	8.4	5
92	A potent and protective human neutralizing antibody targeting a novel vulnerable site of Epstein-Barr virus. <i>Nature Communications</i> , 2021 , 12, 6624	17.4	3
91	A pathogen-like antigen-based vaccine confers immune protection against SARS-CoV-2 in non-human primates. <i>Cell Reports Medicine</i> , 2021 , 2, 100448	18	2
90	Anonymous Linkage Between College Students and Human Immunodeficiency Virus (HIV) Facilities: Systematic Evaluation of Urine Self-Collection for HIV Testing Initiative in China. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1108-e1115	11.6	3
89	A novel cell culture system modeling the SARS-CoV-2 life cycle. <i>PLoS Pathogens</i> , 2021 , 17, e1009439	7.6	33
88	Bat and pangolin coronavirus spike glycoprotein structures provide insights into SARS-CoV-2 evolution. <i>Nature Communications</i> , 2021 , 12, 1607	17.4	31
87	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
86	Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. <i>Cell Host and Microbe</i> , 2021 , 29, 551-563.e5	23.4	42
85	SARS-CoV-2 501Y.V2 variants lack higher infectivity but do have immune escape. <i>Cell</i> , 2021 , 184, 2362-2371.e9	37.1	197
84	HLA-mismatched allogeneic adoptive immune therapy in severely immunosuppressed AIDS patients. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 174	21	0
83	Differential impact of non-pharmaceutical public health interventions on COVID-19 epidemics in the United States. <i>BMC Public Health</i> , 2021 , 21, 965	4.1	11

82	An integrated framework for modelling quantitative effects of entry restrictions and travel quarantine on importation risk of COVID-19. <i>Journal of Biomedical Informatics</i> , 2021 , 118, 103800	10.2	1
81	Single-Dose Immunization With a Chimpanzee Adenovirus-Based Vaccine Induces Sustained and Protective Immunity Against SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 697074	8.4	5
80	Surging publications on the COVID-19 pandemic. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 484-486	9.5	1
79	Structural basis of severe acute respiratory syndrome coronavirus 2 infection. <i>Current Opinion in HIV and AIDS</i> , 2021 , 16, 74-81	4.2	3
78	Two immunogenic recombinant protein vaccine candidates showed disparate protective efficacy against Zika virus infection in rhesus macaques. <i>Vaccine</i> , 2021 , 39, 915-925	4.1	0
77	Potent and protective IGHV3-53/3-66 public antibodies and their shared escape mutant on the spike of SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 4210	17.4	23
76	Role of efficient testing and contact tracing in mitigating the COVID-19 pandemic: a network modelling study. <i>BMJ Open</i> , 2021 , 11, e045886	3	2
75	Analysis of SARS-CoV-2 variant mutations reveals neutralization escape mechanisms and the ability to use ACE2 receptors from additional species. <i>Immunity</i> , 2021 , 54, 1611-1621.e5	32.3	85
74	Tandem bispecific antibody prevents pathogenic SHIV infection and disease progression. <i>Cell Reports</i> , 2021 , 36, 109611	10.6	1
73	Antibody neutralization of SARS-CoV-2 through ACE2 receptor mimicry. <i>Nature Communications</i> , 2021 , 12, 250	17.4	45
72	Heterologous prime-boost immunizations with chimpanzee adenoviral vectors elicit potent and protective immunity against SARS-CoV-2 infection.. <i>Cell Discovery</i> , 2021 , 7, 123	22.3	2
71	Structure of the SARS-CoV-2 spike receptor-binding domain bound to the ACE2 receptor. <i>Nature</i> , 2020 , 581, 215-220	50.4	2961
70	Effect of Convalescent Plasma Therapy on Time to Clinical Improvement in Patients With Severe and Life-threatening COVID-19: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 460-470	27.4	755
69	Digitalized Adaptation of Oncology Trials during and after COVID-19. <i>Cancer Cell</i> , 2020 , 38, 148-149	24.3	5
68	Stabilized diverse HIV-1 envelope trimers for vaccine design. <i>Emerging Microbes and Infections</i> , 2020 , 9, 775-786	18.9	6
67	Broadly neutralizing antibodies and vaccine design against HIV-1 infection. <i>Frontiers of Medicine</i> , 2020 , 14, 30-42	12	14
66	Establishment of replication-competent vesicular stomatitis virus-based recombinant viruses suitable for SARS-CoV-2 entry and neutralization assays. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2269-2277	18.9	18
65	The Impact of Mutations in SARS-CoV-2 Spike on Viral Infectivity and Antigenicity. <i>Cell</i> , 2020 , 182, 1284-1294.e899	52.4	899

64	A safety consideration of mesenchymal stem cell therapy on COVID-19. <i>Stem Cell Research</i> , 2020 , 49, 102066	1.6	12
63	Human neutralizing antibodies elicited by SARS-CoV-2 infection. <i>Nature</i> , 2020 , 584, 115-119	50.4	982
62	Forecasting influenza activity using self-adaptive AI model and multi-source data in Chongqing, China. <i>EBioMedicine</i> , 2019 , 47, 284-292	8.8	18
61	Antibodies and vaccines against Middle East respiratory syndrome coronavirus. <i>Emerging Microbes and Infections</i> , 2019 , 8, 841-856	18.9	58
60	A Single Substitution in gp41 Modulates the Neutralization Profile of SHIV during In Vivo Adaptation. <i>Cell Reports</i> , 2019 , 27, 2593-2607.e5	10.6	7
59	Single intranasal immunization with chimpanzee adenovirus-based vaccine induces sustained and protective immunity against MERS-CoV infection. <i>Emerging Microbes and Infections</i> , 2019 , 8, 760-772	18.9	30
58	Broadly resistant HIV-1 against CD4-binding site neutralizing antibodies. <i>PLoS Pathogens</i> , 2019 , 15, e1007819	10.6	12
57	Structural Basis for Neutralization and Protection by a Zika Virus-Specific Human Antibody. <i>Cell Reports</i> , 2019 , 26, 3360-3368.e5	10.6	15
56	Structural and functional definition of a vulnerable site on the hemagglutinin of highly pathogenic avian influenza A virus H5N1. <i>Journal of Biological Chemistry</i> , 2019 , 294, 4290-4303	5.4	4
55	Structural definition of a neutralization epitope on the N-terminal domain of MERS-CoV spike glycoprotein. <i>Nature Communications</i> , 2019 , 10, 3068	17.4	94
54	Development of a Potent and Protective Germline-Like Antibody Lineage Against Zika Virus in a Convalescent Human. <i>Frontiers in Immunology</i> , 2019 , 10, 2424	8.4	7
53	Discovery of New Hepatitis B Virus Capsid Assembly Modulators by an Optimal High-Throughput Cell-Based Assay. <i>ACS Infectious Diseases</i> , 2019 , 5, 778-787	5.5	10
52	Open letter from Chinese HIV professionals on human genome editing. <i>Lancet, The</i> , 2019 , 393, 26-27	40	9
51	DeepHINT: understanding HIV-1 integration via deep learning with attention. <i>Bioinformatics</i> , 2019 , 35, 1660-1667	7.2	26
50	A Single Injection of Human Neutralizing Antibody Protects against Zika Virus Infection and Microcephaly in Developing Mouse Embryos. <i>Cell Reports</i> , 2018 , 23, 1424-1434	10.6	20
49	A vaccine crisis in the era of social media. <i>National Science Review</i> , 2018 , 5, 8-10	10.8	12
48	Structural Definition of a Unique Neutralization Epitope on the Receptor-Binding Domain of MERS-CoV Spike Glycoprotein. <i>Cell Reports</i> , 2018 , 24, 441-452	10.6	43
47	Tandem bispecific neutralizing antibody eliminates HIV-1 infection in humanized mice. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2239-2251	15.9	31

46	Epitope-focused immunogens against the CD4-binding site of HIV-1 envelope protein induce neutralizing antibodies against auto- and heterologous viruses. <i>Journal of Biological Chemistry</i> , 2018 , 293, 830-846	5.4	10
45	V4 region of the HIV-1 envelope gene mediates immune escape and may not promote the development of broadly neutralizing antibodies. <i>Vaccine</i> , 2018 , 36, 7700-7707	4.1	0
44	Complementary recognition of the receptor-binding site of highly pathogenic H5N1 influenza viruses by two human neutralizing antibodies. <i>Journal of Biological Chemistry</i> , 2018 , 293, 16503-16517	5.4	6
43	Ultrapotent Human Neutralizing Antibody Repertoires Against Middle East Respiratory Syndrome Coronavirus From a Recovered Patient. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1249-1260	7	50
42	Single N277A substitution in C2 of simian immunodeficiency virus envelope influences vaccine-elicited CD4i neutralizing and anti-V2 antibody responses. <i>Vaccine</i> , 2017 , 35, 2582-2591	4.1	1
41	Both structure and function of human monoclonal antibodies contribute to enhancement of Zika virus infectivity in vitro. <i>Science China Life Sciences</i> , 2017 , 60, 1396-1398	8.5	5
40	Delineating antibody recognition against Zika virus during natural infection. <i>JCI Insight</i> , 2017 , 2,	9.9	41
39	Potent neutralizing monoclonal antibodies against Ebola virus infection. <i>Scientific Reports</i> , 2016 , 6, 25854.9	4.9	36
38	Spatiotemporal hierarchy in antibody recognition against transmitted HIV-1 envelope glycoprotein during natural infection. <i>Retrovirology</i> , 2016 , 13, 12	3.6	5
37	Structural Basis for Recognition of Human Enterovirus 71 by a Bivalent Broadly Neutralizing Monoclonal Antibody. <i>PLoS Pathogens</i> , 2016 , 12, e1005454	7.6	36
36	A Dual-reporter system for real-time monitoring and high-throughput CRISPR/Cas9 library screening of the hepatitis C virus. <i>Scientific Reports</i> , 2015 , 5, 8865	4.9	39
35	Discovery of Imidazo[1,2- <i>b</i>]naphthyridine Derivatives as Potential HCV Entry Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 977-81	4.3	15
34	No evidence for a superior platform to develop therapeutic antibodies rapidly in response to MERS-CoV and other emerging viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5115	11.5	1
33	Identification, synthesis and pharmacological evaluation of novel anti-EV71 agents via cyclophilin A inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5682-6	2.9	8
32	Combinatorial library-based profiling of the antibody response against hepatitis C virus in humans. <i>Journal of General Virology</i> , 2015 , 96, 52-63	4.9	4
31	Structural basis for the neutralization of MERS-CoV by a human monoclonal antibody MERS-27. <i>Scientific Reports</i> , 2015 , 5, 13133	4.9	54
30	MSM and HIV-1 infection in China. <i>National Science Review</i> , 2015 , 2, 388-391	10.8	24
29	Discovery of Novel Small Molecule Anti-HCV Agents via the CypA Inhibitory Mechanism Using O-Acylation-Directed Lead Optimization. <i>Molecules</i> , 2015 , 20, 10342-59	4.8	9

28	Comprehensive analysis of antibody recognition in convalescent humans from highly pathogenic avian influenza H5N1 infection. <i>Nature Communications</i> , 2015 , 6, 8855	17.4	31
27	Migration patterns of hepatitis C virus in China characterized for five major subtypes based on samples from 411 volunteer blood donors from 17 provinces and municipalities. <i>Journal of Virology</i> , 2014 , 88, 7120-9	6.6	27
26	Potent neutralization of MERS-CoV by human neutralizing monoclonal antibodies to the viral spike glycoprotein. <i>Science Translational Medicine</i> , 2014 , 6, 234ra59	17.5	165
25	Persistence of VRC01-resistant HIV-1 during antiretroviral therapy. <i>Science China Life Sciences</i> , 2014 , 57, 88-96	8.5	2
24	Unraveling of a neutralization mechanism by two human antibodies against conserved epitopes in the globular head of H5 hemagglutinin. <i>Journal of Virology</i> , 2013 , 87, 3571-7	6.6	18
23	Structure of MERS-CoV spike receptor-binding domain complexed with human receptor DPP4. <i>Cell Research</i> , 2013 , 23, 986-93	24.7	459
22	Mucosal priming with a replicating-vaccinia virus-based vaccine elicits protective immunity to simian immunodeficiency virus challenge in rhesus monkeys. <i>Journal of Virology</i> , 2013 , 87, 5669-77	6.6	33
21	HIV prevention: Bring safe sex to China. <i>Nature</i> , 2012 , 485, 576-7	50.4	82
20	A human antibody recognizing a conserved epitope of H5 hemagglutinin broadly neutralizes highly pathogenic avian influenza H5N1 viruses. <i>Journal of Virology</i> , 2012 , 86, 2978-89	6.6	51
19	A single residue within the V5 region of HIV-1 envelope facilitates viral escape from the broadly neutralizing monoclonal antibody VRC01. <i>Journal of Biological Chemistry</i> , 2012 , 287, 43170-9	5.4	25
18	In vitro selection and characterization of HIV-1 variants with increased resistance to sifuvirtide, a novel HIV-1 fusion inhibitor. <i>Journal of Biological Chemistry</i> , 2011 , 286, 3277-87	5.4	41
17	Genetic and neutralization sensitivity of diverse HIV-1 env clones from chronically infected patients in China. <i>Journal of Biological Chemistry</i> , 2011 , 286, 14531-41	5.4	45
16	Comprehensive analysis of pathogen-specific antibody response in vivo based on an antigen library displayed on surface of yeast. <i>Journal of Biological Chemistry</i> , 2011 , 286, 33511-9	5.4	18
15	Intranasal immunization with recombinant HA and mast cell activator C48/80 elicits protective immunity against 2009 pandemic H1N1 influenza in mice. <i>PLoS ONE</i> , 2011 , 6, e19863	3.7	25
14	The changing face of HIV in China. <i>Nature</i> , 2008 , 455, 609-11	50.4	213
13	Design and evaluation of sifuvirtide, a novel HIV-1 fusion inhibitor. <i>Journal of Biological Chemistry</i> , 2008 , 283, 11126-34	5.4	169
12	The attenuation of vaccinia Tian Tan strain by the removal of the viral M1L-K2L genes. <i>Journal of Virological Methods</i> , 2007 , 144, 17-26	2.6	26
11	Determination of virus burst size in vivo using a single-cycle SIV in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 19079-84	11.5	109

10	Natural mutations in the receptor binding domain of spike glycoprotein determine the reactivity of cross-neutralization between palm civet coronavirus and severe acute respiratory syndrome coronavirus. <i>Journal of Virology</i> , 2007 , 81, 4694-700	6.6	44
9	Antibody responses against SARS coronavirus are correlated with disease outcome of infected individuals. <i>Journal of Medical Virology</i> , 2006 , 78, 1-8	19.7	152
8	Genetic characterization of diverse HIV-1 strains in an immigrant population living in New York City. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006 , 41, 399-404	3.1	36
7	HIV-1 subtype and second-receptor use. <i>Nature</i> , 1996 , 383, 768	50.4	173
6	Structural and computational insights into the SARS-CoV-2 Omicron RBD-ACE2 interaction		4
5	Broad-spectrum virucidal activity of bacterial secreted lipases against flaviviruses, SARS-CoV-2 and other enveloped viruses		3
4	Potent human neutralizing antibodies elicited by SARS-CoV-2 infection		211
3	Bat and pangolin coronavirus spike glycoprotein structures provide insights into SARS-CoV-2 evolution		1
2	Structural basis for bivalent binding and inhibition of SARS-CoV-2 infection by human potent neutralizing antibodies		2
1	SARS-CoV-2 variants resist antibody neutralization and broaden host ACE2 usage		8