

# Haiyan Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

3,297  
citations

516215

16  
h-index

713013

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

6996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of SARS-CoV-2 spike mutations that attenuate monoclonal and serum antibody neutralization. <i>Cell Host and Microbe</i> , 2021, 29, 477-488.e4.	5.1	700
2	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. <i>Cell</i> , 2020, 183, 169-184.e13.	13.5	446
3	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. <i>Cell Host and Microbe</i> , 2020, 28, 475-485.e5.	5.1	380
4	Neutralizing human antibodies prevent Zika virus replication and fetal disease in mice. <i>Nature</i> , 2016, 540, 443-447.	13.7	349
5	Structural Basis of Zika Virus-Specific Antibody Protection. <i>Cell</i> , 2016, 166, 1016-1027.	13.5	325
6	A Potently Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. <i>Journal of Immunology</i> , 2020, 205, 915-922.	0.4	186
7	Replication-Competent Vesicular Stomatitis Virus Vaccine Vector Protects against SARS-CoV-2-Mediated Pathogenesis in Mice. <i>Cell Host and Microbe</i> , 2020, 28, 465-474.e4.	5.1	156
8	A single intranasal or intramuscular immunization with chimpanzee adenovirus-vectored SARS-CoV-2 vaccine protects against pneumonia in hamsters. <i>Cell Reports</i> , 2021, 36, 109400.	2.9	119
9	A single intranasal dose of chimpanzee adenovirus-vectored vaccine protects against SARS-CoV-2 infection in rhesus macaques. <i>Cell Reports Medicine</i> , 2021, 2, 100230.	3.3	99
10	A potently neutralizing SARS-CoV-2 antibody inhibits variants of concern by utilizing unique binding residues in a highly conserved epitope. <i>Immunity</i> , 2021, 54, 2399-2416.e6.	6.6	79
11	Affinity-Restricted Memory B Cells Dominate Recall Responses to Heterologous Flaviviruses. <i>Immunity</i> , 2020, 53, 1078-1094.e7.	6.6	76
12	Cellular and Humoral Immunity Protect against Vaginal Zika Virus Infection in Mice. <i>Journal of Virology</i> , 2018, 92, .	1.5	54
13	Critical neutralizing fragment of Zika virus EDIII elicits cross-neutralization and protection against divergent Zika viruses. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	3.0	41
14	Cryo-EM structure of a proton-activated chloride channel TMEM206. <i>Science Advances</i> , 2021, 7, .	4.7	27
15	Mechanism of differential Zika and dengue virus neutralization by a public antibody lineage targeting the DIII lateral ridge. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	26
16	Seroprevalence of SARS-CoV-2 Antibodies in Children and Adults in St. Louis, Missouri, USA. <i>MSphere</i> , 2021, 6, .	1.3	25
17	A Gorilla Adenovirus-Based Vaccine against Zika Virus Induces Durable Immunity and Confers Protection in Pregnancy. <i>Cell Reports</i> , 2019, 28, 2634-2646.e4.	2.9	19
18	Potent neutralization of Rift Valley fever virus by human monoclonal antibodies through fusion inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	19

#	ARTICLE	IF	CITATIONS
19	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. SSRN Electronic Journal, 2020, , 3606354.	0.4	16
20	Structural mechanism of SARS-CoV-2 neutralization by two murine antibodies targeting the RBD. Cell Reports, 2021, 37, 109881.	2.9	14
21	Hydrogenâ€œdeuterium exchange mass spectrometry identifies spatially distinct antibody epitopes on domain III of the Zika virus envelope protein. Journal of Mass Spectrometry, 2021, 56, e4685.	0.7	6