

# Hongjie Xia

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

5,840  
citations

257357

24  
h-index

254106

43  
g-index

66  
all docs

66  
docs citations

66  
times ranked

10656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spike mutation D614G alters SARS-CoV-2 fitness. <i>Nature</i> , 2021, 592, 116-121.	13.7	1,380
2	Evasion of Type I Interferon by SARS-CoV-2. <i>Cell Reports</i> , 2020, 33, 108234.	2.9	742
3	Neutralization of SARS-CoV-2 spike 69/70 deletion, E484K and N501Y variants by BNT162b2 vaccine-elicited sera. <i>Nature Medicine</i> , 2021, 27, 620-621.	15.2	562
4	Neutralizing Activity of BNT162b2-Elicited Serum. <i>New England Journal of Medicine</i> , 2021, 384, 1466-1468.	13.9	528
5	SARS-CoV-2 Neutralization with BNT162b2 Vaccine Dose 3. <i>New England Journal of Medicine</i> , 2021, 385, 1627-1629.	13.9	346
6	BNT162b2-elicited neutralization of B.1.617 and other SARS-CoV-2 variants. <i>Nature</i> , 2021, 596, 273-275.	13.7	318
7	An evolutionary NS1 mutation enhances Zika virus evasion of host interferon induction. <i>Nature Communications</i> , 2018, 9, 414.	5.8	231
8	Delta spike P681R mutation enhances SARS-CoV-2 fitness over Alpha variant. <i>Cell Reports</i> , 2022, 39, 110829.	2.9	214
9	Ubiquitination of SARS-CoV-2 ORF7a promotes antagonism of interferon response. <i>Cellular and Molecular Immunology</i> , 2021, 18, 746-748.	4.8	102
10	BNT162b2-Elicited Neutralization against New SARS-CoV-2 Spike Variants. <i>New England Journal of Medicine</i> , 2021, 385, 472-474.	13.9	93
11	Neutralization against Omicron SARS-CoV-2 from previous non-Omicron infection. <i>Nature Communications</i> , 2022, 13, 852.	5.8	92
12	Envelope protein ubiquitination drives entry and pathogenesis of Zika virus. <i>Nature</i> , 2020, 585, 414-419.	13.7	82
13	Neutralization and durability of 2 or 3 doses of the BNT162b2 vaccine against Omicron SARS-CoV-2. <i>Cell Host and Microbe</i> , 2022, 30, 485-488.e3.	5.1	80
14	Human Enterovirus Nonstructural Protein 2CATPase Functions as Both an RNA Helicase and ATP-Independent RNA Chaperone. <i>PLoS Pathogens</i> , 2015, 11, e1005067.	2.1	68
15	Neutralization of Omicron BA.1, BA.2, and BA.3 SARS-CoV-2 by 3 doses of BNT162b2 vaccine. <i>Nature Communications</i> , 2022, 13, .	5.8	63
16	A Zika virus envelope mutation preceding the 2015 epidemic enhances virulence and fitness for transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20190-20197.	3.3	53
17	Inhibition of SARS-CoV-2 polymerase by nucleotide analogs from a single-molecule perspective. <i>ELife</i> , 2021, 10, .	2.8	53
18	Zika Virus NS2A-Mediated Virion Assembly. <i>MBio</i> , 2019, 10, .	1.8	51

#	ARTICLE	IF	CITATIONS
19	A trans-complementation system for SARS-CoV-2 recapitulates authentic viral replication without virulence. <i>Cell</i> , 2021, 184, 2229-2238.e13.	13.5	51
20	A Single-Dose Live-Attenuated Zika Virus Vaccine with Controlled Infection Rounds that Protects against Vertical Transmission. <i>Cell Host and Microbe</i> , 2018, 24, 487-499.e5.	5.1	46
21	Genetic and biochemical characterizations of Zika virus NS2A protein. <i>Emerging Microbes and Infections</i> , 2019, 8, 585-602.	3.0	32
22	Neutralization of Omicron sublineages and Deltacron SARS-CoV-2 by three doses of BNT162b2 vaccine or BA.1 infection. <i>Emerging Microbes and Infections</i> , 2022, 11, 1828-1832.	3.0	32
23	Antagonism of Type I Interferon by Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of Interferon and Cytokine Research</i> , 2020, 40, 543-548.	0.5	31
24	Role of microglia in the dissemination of Zika virus from mother to fetal brain. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008413.	1.3	27
25	The Nonstructural Protein 2C of a Picorna-Like Virus Displays Nucleic Acid Helix Destabilizing Activity That Can Be Functionally Separated from Its ATPase Activity. <i>Journal of Virology</i> , 2013, 87, 5205-5218.	1.5	26
26	Identification and characterization of Iflavivirus 3C-like protease processing activities. <i>Virology</i> , 2012, 428, 136-145.	1.1	24
27	Isolation and diversity analysis of heterotrophic bacteria associated with sea anemones. <i>Acta Oceanologica Sinica</i> , 2010, 29, 62-69.	0.4	23
28	Cross-neutralization of Omicron BA.1 against BA.2 and BA.3 SARS-CoV-2. <i>Nature Communications</i> , 2022, 13, .	5.8	22
29	A cyovirus VP5 displays the RNA chaperone-like activity that destabilizes RNA helices and accelerates strand annealing. <i>Nucleic Acids Research</i> , 2014, 42, 2538-2554.	6.5	21
30	A cocrystal structure of dengue capsid protein in complex of inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17992-18001.	3.3	18
31	Viperin triggers ribosome collision-dependent translation inhibition to restrict viral replication. <i>Molecular Cell</i> , 2022, 82, 1631-1642.e6.	4.5	16
32	Flock House Virus RNA Polymerase Initiates RNA Synthesis De Novo and Possesses a Terminal Nucleotidyl Transferase Activity. <i>PLoS ONE</i> , 2014, 9, e86876.	1.1	11
33	The identification and characterization of nucleic acid chaperone activity of human enterovirus 71 nonstructural protein 3AB. <i>Virology</i> , 2014, 464-465, 353-364.	1.1	9
34	Potential Mechanisms for Enhanced Zika Epidemic and Disease. <i>ACS Infectious Diseases</i> , 2018, 4, 656-659.	1.8	9
35	Mucosal vaccination induces protection against SARS-CoV-2 in the absence of detectable neutralizing antibodies. <i>Npj Vaccines</i> , 2021, 6, 139.	2.9	8
36	A Single-Round Infection Fluorescent SARS-CoV-2 Neutralization Test for COVID-19 Serological Testing at a Biosafety Level-2 Laboratory. <i>Viruses</i> , 2022, 14, 1211.	1.5	8

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37	RNA chaperones encoded by RNA viruses. <i>Virologica Sinica</i> , 2015, 30, 401-409.	1.2	6
38	Inhibition of innate immune response ameliorates Zika virus-induced neurogenesis deficit in human neural stem cells. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009183.	1.3	6
39	The Self-Interaction of a Nodavirus Replicase Is Enhanced by Mitochondrial Membrane Lipids. <i>PLoS ONE</i> , 2014, 9, e89628.	1.1	4
40	BNT162b2-elicited neutralization of Delta plus, Lambda, Mu, B.1.1.519, and Theta SARS-CoV-2 variants. <i>Npj Vaccines</i> , 2022, 7, 41.	2.9	4
41	The RNA binding of protein A from Wuhan nodavirus is mediated by mitochondrial membrane lipids. <i>Virology</i> , 2014, 462-463, 1-13.	1.1	2
42	Role of microglia in the dissemination of Zika virus from mother to fetal brain. , 2020, 14, e0008413.		0
43	Role of microglia in the dissemination of Zika virus from mother to fetal brain. , 2020, 14, e0008413.		0
44	Role of microglia in the dissemination of Zika virus from mother to fetal brain. , 2020, 14, e0008413.		0
45	Role of microglia in the dissemination of Zika virus from mother to fetal brain. , 2020, 14, e0008413.		0
46	Role of microglia in the dissemination of Zika virus from mother to fetal brain. , 2020, 14, e0008413.		0
47	Role of microglia in the dissemination of Zika virus from mother to fetal brain. , 2020, 14, e0008413.		0