

Kai Huang

List of Publications by Year in descending order

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44
papers

2,986
citations

279487

23
h-index

288905

40
g-index

50
all docs

50
docs citations

50
times ranked

3651
citing authors

#	ARTICLE	IF	CITATIONS
1	PharmMapper server: a web server for potential drug target identification using pharmacophore mapping approach. <i>Nucleic Acids Research</i> , 2010, 38, W609-W614.	6.5	637
2	Establishment of multiple sublineages of H5N1 influenza virus in Asia: Implications for pandemic control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2845-2850.	3.3	557
3	Emergence and predominance of an H5N1 influenza variant in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16936-16941.	3.3	279
4	The development and genetic diversity of H5N1 influenza virus in China, 1996â€“2006. <i>Virology</i> , 2008, 380, 243-254.	1.1	140
5	Characterization of Low-Pathogenic H5 Subtype Influenza Viruses from Eurasia: Implications for the Origin of Highly Pathogenic H5N1 Viruses. <i>Journal of Virology</i> , 2007, 81, 7529-7539.	1.5	114
6	Establishment of Influenza A Virus (H6N1) in Minor Poultry Species in Southern China. <i>Journal of Virology</i> , 2007, 81, 10402-10412.	1.5	106
7	Characterization of Avian Influenza Viruses A (H5N1) from Wild Birds, Hong Kong, 2004â€“2008. <i>Emerging Infectious Diseases</i> , 2009, 15, 402-407.	2.0	94
8	Establishment of an H6N2 Influenza Virus Lineage in Domestic Ducks in Southern China. <i>Journal of Virology</i> , 2010, 84, 6978-6986.	1.5	83
9	Establishment and Lineage Replacement of H6 Influenza Viruses in Domestic Ducks in Southern China. <i>Journal of Virology</i> , 2012, 86, 6075-6083.	1.5	77
10	Analysis of a Therapeutic Antibody Cocktail Reveals Determinants for Cooperative and Broad Ebola Virus Neutralization. <i>Immunity</i> , 2020, 52, 388-403.e12.	6.6	71
11	Broadly neutralizing antibodies from human survivors target a conserved site in the Ebola virus glycoprotein HR2â€“MPER region. <i>Nature Microbiology</i> , 2018, 3, 670-677.	5.9	68
12	Systemic infection of avian influenza A virus H5N1 subtype in humans. <i>Human Pathology</i> , 2009, 40, 735-739.	1.1	64
13	Antibody-Dependent Enhancement of Ebola Virus Infection by Human Antibodies Isolated from Survivors. <i>Cell Reports</i> , 2018, 24, 1802-1815.e5.	2.9	64
14	Multifunctional Pan-ebolavirus Antibody Recognizes a Site of Broad Vulnerability on the Ebolavirus Glycoprotein. <i>Immunity</i> , 2018, 49, 363-374.e10.	6.6	61
15	Contact Heterogeneity, Rather Than Transmission Efficiency, Limits the Emergence and Spread of Canine Influenza Virus. <i>PLoS Pathogens</i> , 2014, 10, e1004455.	2.1	43
16	Non-neutralizing Antibodies from a Marburg Infection Survivor Mediate Protection by Fc-Effector Functions and by Enhancing Efficacy of Other Antibodies. <i>Cell Host and Microbe</i> , 2020, 27, 976-991.e11.	5.1	43
17	The Marburgvirus-Neutralizing Human Monoclonal Antibody MR191 Targets a Conserved Site to Block Virus Receptor Binding. <i>Cell Host and Microbe</i> , 2018, 23, 101-109.e4.	5.1	40
18	Hemagglutinin glycosylation modulates the pathogenicity and antigenicity of the H5N1 avian influenza virus. <i>Veterinary Microbiology</i> , 2015, 175, 244-256.	0.8	39

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19	Equine and Canine Influenza H3N8 Viruses Show Minimal Biological Differences Despite Phylogenetic Divergence. <i>Journal of Virology</i> , 2015, 89, 6860-6873.	1.5	36
20	A Fc engineering approach to define functional humoral correlates of immunity against Ebola virus. <i>Immunity</i> , 2021, 54, 815-828.e5.	6.6	34
21	Structural basis of broad ebolavirus neutralization by a human survivor antibody. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 204-212.	3.6	30
22	Complex and Dynamic Interactions between Parvovirus Capsids, Transferrin Receptors, and Antibodies Control Cell Infection and Host Range. <i>Journal of Virology</i> , 2018, 92, .	1.5	29
23	Canine influenza viruses with modified NS1 proteins for the development of live-attenuated vaccines. <i>Virology</i> , 2017, 500, 1-10.	1.1	28
24	Near-Atomic Resolution Structure of a Highly Neutralizing Fab Bound to Canine Parvovirus. <i>Journal of Virology</i> , 2016, 90, 9733-9742.	1.5	27
25	Asymmetric and non-stoichiometric glycoprotein recognition by two distinct antibodies results in broad protection against ebolaviruses. <i>Cell</i> , 2022, 185, 995-1007.e18.	13.5	26
26	Cross-reactive neutralizing human survivor monoclonal antibody BDBV223 targets the ebolavirus stalk. <i>Nature Communications</i> , 2019, 10, 1788.	5.8	24
27	Temperature-Sensitive Live-Attenuated Canine Influenza Virus H3N8 Vaccine. <i>Journal of Virology</i> , 2017, 91, .	1.5	23
28	Convergence of a common solution for broad ebolavirus neutralization by glycan cap-directed human antibodies. <i>Cell Reports</i> , 2021, 35, 108984.	2.9	22
29	Pan-ebolavirus protective therapy by two multifunctional human antibodies. <i>Cell</i> , 2021, 184, 5593-5607.e18.	13.5	21
30	Asymmetric antiviral effects of ebolavirus antibodies targeting glycoprotein stem and glycan cap. <i>PLoS Pathogens</i> , 2018, 14, e1007204.	2.1	16
31	Antibody-Mediated Protective Mechanisms Induced by a Trivalent Parainfluenza Virus-Vectored Ebolavirus Vaccine. <i>Journal of Virology</i> , 2019, 93, .	1.5	13
32	High-resolution asymmetric structure of a Fab-virus complex reveals overlap with the receptor binding site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2025452118.	3.3	12
33	Influenza virus surveillance in migratory ducks and sentinel ducks at Poyang Lake, China. <i>Influenza and Other Respiratory Viruses</i> , 2011, 5, 65-8.	1.5	12
34	Discovery of Marburg virus neutralizing antibodies from virus-naïve human antibody repertoires using large-scale structural predictions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31142-31148.	3.3	10
35	Porcine circovirus type 2 infection inhibits the activation of type I interferon signaling via capsid protein and host gC1qR. <i>Veterinary Microbiology</i> , 2022, 266, 109354.	0.8	9
36	Antibody Responses to SARS-CoV-2 Following an Outbreak Among Marine Recruits With Asymptomatic or Mild Infection. <i>Frontiers in Immunology</i> , 2021, 12, 681586.	2.2	6

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37	OUP accepted manuscript. <i>Journal of Infectious Diseases</i> , 2018, 218, S418-S422.	1.9	6
38	A single intranasal dose of human parainfluenza virus type 3-vectored vaccine induces effective antibody and memory T cell response in the lungs and protects hamsters against SARS-CoV-2. <i>Npj Vaccines</i> , 2022, 7, 47.	2.9	6
39	Ubiquitination of Ebola virus VP35 at lysine 309 regulates viral transcription and assembly. <i>PLoS Pathogens</i> , 2022, 18, e1010532.	2.1	6
40	Proteo-Genomic Analysis Identifies Two Major Sites of Vulnerability on Ebolavirus Glycoprotein for Neutralizing Antibodies in Convalescent Human Plasma. <i>Frontiers in Immunology</i> , 2021, 12, 706757.	2.2	4
41	Asymmetric and Non-Stoichiometric Recognition Results in Broad Protection Against Ebolaviruses by a Two-Antibody Cocktail. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
42	A Fc-Engineering Approach to Define Functional Humoral Correlates of Immunity Against Ebola Virus. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
43	Editorial: Evolution & Genomic Adaptation of Emerging and Re-emerging RNA Viruses. <i>Frontiers in Microbiology</i> , 2021, 12, 777257.	1.5	0
44	What Do Antibody Studies Tell Us about Viral Infections?. <i>Pathogens</i> , 2022, 11, 560.	1.2	0