

Dayan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

7,078
citations

159525

30
h-index

58549

82
g-index

98
all docs

98
docs citations

98
times ranked

6104
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging HxNy Influenza A Viruses. Cold Spring Harbor Perspectives in Medicine, 2022, 12, a038406.	2.9	30
2	Three Cases Infected with Avian Influenza A(H5N6) Virus “ Chongqing Municipality, China, January–September, 2021. China CDC Weekly, 2022, 4, 11-16.	1.0	1
3	Homologous PB1 gene promotes the replication efficiency of avian influenza H7N4 candidate vaccine virus. Influenza and Other Respiratory Viruses, 2022, , .	1.5	2
4	Incidence of medically attended influenza and influenza virus infections confirmed by serology in Ningbo City from 2017–2018 to 2019–2020. Influenza and Other Respiratory Viruses, 2022, 16, 552-561.	1.5	1
5	The Antibody Response Against Neuraminidase in Human Influenza A (H3N2) Virus Infections During 2018/2019 Flu Season: Focusing on the Epitopes of 329-N-Glycosylation and E344 in N2. Frontiers in Microbiology, 2022, 13, 845088.	1.5	1
6	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2018–2020. Antiviral Research, 2022, 200, 105281.	1.9	44
7	Unique binding pattern for a lineage of human antibodies with broad reactivity against influenza A virus. Nature Communications, 2022, 13, 2378.	5.8	12
8	Epidemiologic, Clinical, and Genetic Characteristics of Human Infections with Influenza A(H5N6) Viruses, China. Emerging Infectious Diseases, 2022, 28, 1332-1344.	2.0	27
9	The Epidemiology, Virology, and Pathogenicity of Human Infections with Avian Influenza Viruses. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038620.	2.9	37
10	Epidemiology and Genotypic Diversity of Eurasian Avian-Like H1N1 Swine Influenza Viruses in China. Virologica Sinica, 2021, 36, 43-51.	1.2	14
11	Incidence of influenza virus infections confirmed by serology in children and adult in a suburb community, northern China, 2018–2019 influenza season. Influenza and Other Respiratory Viruses, 2021, 15, 262-269.	1.5	12
12	The effect of single amino acid substitution at position 220 in the hemagglutinin glycoprotein on avian influenza H7N9 candidate vaccine virus. Virus Genes, 2021, 57, 164-171.	0.7	1
13	Retrospective study of clinical characteristics and viral etiologies of patients with viral pneumonia in Beijing. Pulmonary Circulation, 2021, 11, 1-10.	0.8	3
14	Substitution of I222L-E119V in neuraminidase from highly pathogenic avian influenza H7N9 virus exhibited synergistic resistance effect to oseltamivir in mice. Scientific Reports, 2021, 11, 16293.	1.6	3
15	Impact of RNA degradation on influenza diagnosis in the surveillance system. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115388.	0.8	4
16	Rare variant <i>MX1</i> alleles increase human susceptibility to zoonotic H7N9 influenza virus. Science, 2021, 373, 918-922.	6.0	41
17	Increased urbanization reduced the effectiveness of school closures on seasonal influenza epidemics in China. Infectious Diseases of Poverty, 2021, 10, 127.	1.5	9
18	Epidemiological and Genetic Characteristics of the H3 Subtype Avian Influenza Viruses in China. China CDC Weekly, 2021, 3, 929-936.	1.0	12

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19	Epidemiological and Virological Surveillance of Seasonal Influenza Viruses in China, 2020–2021. <i>China CDC Weekly</i> , 2021, 3, 918-922.	1.0	20
20	Development and optimized pairing of mouse monoclonal antibodies for detecting hemagglutinin in novel H7 subtype influenza viruses. <i>Science China Life Sciences</i> , 2020, 63, 279-289.	2.3	4
21	Molecular characterization of H3 subtype avian influenza viruses based on poultry-related environmental surveillance in China between 2014 and 2017. <i>Virology</i> , 2020, 542, 8-19.	1.1	9
22	The heterogeneity of influenza seasonality by subtype and lineage in China. <i>Journal of Infection</i> , 2020, 80, 469-496.	1.7	6
23	Influenza activity during the outbreak of coronavirus disease 2019 in Chinese mainland. <i>Biosafety and Health</i> , 2020, 2, 206-209.	1.2	11
24	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2017–2018. <i>Antiviral Research</i> , 2020, 175, 104718.	1.9	91
25	Phase 2a, open-label, dose-escalating, multi-center pharmacokinetic study of favipiravir (T-705) in combination with oseltamivir in patients with severe influenza. <i>EBioMedicine</i> , 2020, 62, 103125.	2.7	36
26	A single N342D substitution in Influenza B Virus NA protein determines viral pathogenicity in mice. <i>Emerging Microbes and Infections</i> , 2020, 9, 1853-1863.	3.0	3
27	Novel susceptibility loci for A(H7N9) infection identified by next generation sequencing and functional analysis. <i>Scientific Reports</i> , 2020, 10, 11768.	1.6	2
28	Nonpharmaceutical Interventions Used to Control COVID-19 Reduced Seasonal Influenza Transmission in China. <i>Journal of Infectious Diseases</i> , 2020, 222, 1780-1783.	1.9	67
29	Advanced researches on the inhibition of influenza virus by Favipiravir and Baloxavir. <i>Biosafety and Health</i> , 2020, 2, 64-70.	1.2	7
30	A Single Amino Acid at Position 431 of the PB2 Protein Determines the Virulence of H1N1 Swine Influenza Viruses in Mice. <i>Journal of Virology</i> , 2020, 94, .	1.5	5
31	The Initial Case of COVID-19 in Shulan City, Jilin Province, China, May 8, 2020. <i>China CDC Weekly</i> , 2020, 2, 458-459.	1.0	6
32	A Reemergent Case of COVID-19 in Harbin City, Heilongjiang Province, China, April 9, 2020. <i>China CDC Weekly</i> , 2020, 2, 460-462.	1.0	5
33	Reemergent Cases of COVID-19 in Xinjiang Uygur Autonomous Region, China, July 16, 2020. <i>China CDC Weekly</i> , 2020, 2, 761-763.	1.0	7
34	Characterization of Influenza Viruses in China, 2019–2020. <i>China CDC Weekly</i> , 2020, 2, 856-861.	1.0	6
35	Different Starting Dominant Strain of Seasonal Influenza in China and Other Neighboring Asian Countries in 2019-2020 Winter Season. <i>China CDC Weekly</i> , 2020, 2, 57-60.	1.0	1
36	Co-circulation and persistence of multiple A/H3N2 influenza variants in China. <i>Emerging Microbes and Infections</i> , 2019, 8, 1157-1167.	3.0	20

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37	Mutations associated with egg adaptation of influenza A(H1N1)pdm09 virus in laboratory based surveillance in China, 2009â€“2016. <i>Biosafety and Health</i> , 2019, 1, 41-45.	1.2	7
38	Highly pathogenic avian influenza H7N9 viruses with reduced susceptibility to neuraminidase inhibitors showed comparable replication capacity to their sensitive counterparts. <i>Virology Journal</i> , 2019, 16, 87.	1.4	12
39	Mammalian-adaptive mutation NP-Q357K in Eurasian H1N1 Swine Influenza viruses determines the virulence phenotype in mice. <i>Emerging Microbes and Infections</i> , 2019, 8, 989-999.	3.0	21
40	Molecular characterization and receptor binding specificity of H9N2 avian influenza viruses based on poultry-related environmental surveillance in China between 2013 and 2016. <i>Virology</i> , 2019, 529, 135-143.	1.1	24
41	Genetic and biological characteristics of avian influenza virus subtype H1N8 in environments related to live poultry markets in China. <i>BMC Infectious Diseases</i> , 2019, 19, 458.	1.3	10
42	Emergence of waterfowlâ€“originated gene cassettes in HPAI H7N9 viruses caused severe human infection in Fujian, China. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 496-503.	1.5	8
43	A ten-year China-US laboratory collaboration: improving response to influenza threats in China and the world, 2004â€“2014. <i>BMC Public Health</i> , 2019, 19, 520.	1.2	20
44	The re-emergence of highly pathogenic avian influenza H7N9 viruses in humans in mainland China, 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	49
45	A Gene Constellation in Avian Influenza A (H7N9) Viruses May Have Facilitated the Fifth Wave Outbreak in China. <i>Cell Reports</i> , 2018, 23, 909-917.	2.9	33
46	220 mutation in the hemagglutinin of avian influenza A (H7N9) virus alters antigenicity during vaccine strain development. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 532-539.	1.4	7
47	Substitution of D701N in the PB2 protein could enhance the viral replication and pathogenicity of Eurasian avian-like H1N1 swine influenza viruses. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	3.0	18
48	Clinical, immunological and bacteriological characteristics of H7N9 patients nosocomially co-infected by <i>Acinetobacter Baumannii</i> : a case control study. <i>BMC Infectious Diseases</i> , 2018, 18, 664.	1.3	8
49	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors and status of novel antivirals, 2016â€“2017. <i>Antiviral Research</i> , 2018, 157, 38-46.	1.9	100
50	Neuraminidase inhibitor susceptibility profile of human influenza viruses during the 2016â€“2017 influenza season in Mainland China. <i>Journal of Infection and Chemotherapy</i> , 2018, 24, 729-733.	0.8	7
51	Severe human infection with a novel avian-origin influenza A(H7N4) virus. <i>Science Bulletin</i> , 2018, 63, 1043-1050.	4.3	19
52	Human infections with novel reassortant H5N6 avian influenza viruses in China. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-2.	3.0	27
53	A sandwich ELISA for the detection of neuraminidase of avian influenza A(H7N9) virus. <i>Journal of Virological Methods</i> , 2017, 247, 58-60.	1.0	14
54	The substitution V379I in PA protein attenuates the pathogenicity of influenza A (H1N1) pdm09 viruses in mice. <i>Science China Life Sciences</i> , 2017, 60, 1044-1046.	2.3	1

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55	Simultaneous virus identification and characterization of severe unexplained pneumonia cases using a metagenomics sequencing technique. <i>Science China Life Sciences</i> , 2017, 60, 279-286.	2.3	18
56	Genesis and Dissemination of Highly Pathogenic H5N6 Avian Influenza Viruses. <i>Journal of Virology</i> , 2017, 91, .	1.5	57
57	Genesis and Spread of Newly Emerged Highly Pathogenic H7N9 Avian Viruses in Mainland China. <i>Journal of Virology</i> , 2017, 91, .	1.5	104
58	Identification of a novel reassortant A (H9N6) virus in live poultry markets in Poyang Lake region, China. <i>Archives of Virology</i> , 2017, 162, 3681-3690.	0.9	7
59	Construction and comparison of different source neuraminidase candidate vaccine strains for human infection with Eurasian avian-like influenza H1N1 virus. <i>Microbes and Infection</i> , 2017, 19, 635-640.	1.0	2
60	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2015â€“2016. <i>Antiviral Research</i> , 2017, 146, 12-20.	1.9	87
61	Research progress in human infection with avian influenza H7N9 virus. <i>Science China Life Sciences</i> , 2017, 60, 1299-1306.	2.3	14
62	Avian influenza H9N2 virus isolated from air samples in LPMs in Jiangxi, China. <i>Virology Journal</i> , 2017, 14, 136.	1.4	11
63	Characteristics of influenza H13N8 subtype virus firstly isolated from Qinghai Lake Region, China. <i>Virology Journal</i> , 2017, 14, 180.	1.4	10
64	Biological characterisation of the emerged highly pathogenic avian influenza (HPAI) A(H7N9) viruses in humans, in mainland China, 2016 to 2017. <i>Eurosurveillance</i> , 2017, 22, .	3.9	103
65	Sudden increase in human infection with avian influenza A(H7N9) virus in China, Septemberâ€“December 2016. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , 2017, 8, 6-14.	0.3	96
66	Human Infection with Highly Pathogenic Avian Influenza A(H7N9) Virus, China. <i>Emerging Infectious Diseases</i> , 2017, 23, 1332-1340.	2.0	146
67	Preliminary Epidemiology of Human Infections with Highly Pathogenic Avian Influenza A(H7N9) Virus, China, 2017. <i>Emerging Infectious Diseases</i> , 2017, 23, 1355-1359.	2.0	85
68	The S128N mutation combined with an additional potential N-linked glycosylation site at residue 133 in hemagglutinin affects the antigenicity of the human H7N9 virus. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-2.	3.0	2
69	Two Outbreak Sources of Influenza A (H7N9) Viruses Have Been Established in China. <i>Journal of Virology</i> , 2016, 90, 5561-5573.	1.5	92
70	A fatal case of infection with a further reassortant, highly pathogenic avian influenza (HPAI) H5N6 virus in Yunnan, China. <i>Infection, Genetics and Evolution</i> , 2016, 40, 63-66.	1.0	12
71	Molecular characterization of H6 subtype influenza viruses in southern China from 2009 to 2011. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-8.	3.0	26
72	Sustained live poultry market surveillance contributes to early warnings for human infection with avian influenza viruses. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-8.	3.0	12

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73	Transmission and pathogenicity of novel reassortants derived from Eurasian avian-like and 2009 pandemic H1N1 influenza viruses in mice and guinea pigs. <i>Scientific Reports</i> , 2016, 6, 27067.	1.6	12
74	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2014–2015. <i>Antiviral Research</i> , 2016, 132, 178-185.	1.9	155
75	Fatal <i>Aeromonas</i> bacteraemia in West Africa. <i>Journal of Infection</i> , 2016, 72, 258-260.	1.7	3
76	Human infection with a novel, highly pathogenic avian influenza A (H5N6) virus: Virological and clinical findings. <i>Journal of Infection</i> , 2016, 72, 52-59.	1.7	160
77	Transmissibility of the Influenza Virus during Influenza Outbreaks and Related Asymptomatic Infection in Mainland China, 2005-2013. <i>PLoS ONE</i> , 2016, 11, e0166180.	1.1	12
78	Evaluation of Commercial Diagnostic Assays for the Specific Detection of Avian Influenza A (H7N9) Virus RNA Using a Quality-Control Panel and Clinical Specimens in China. <i>PLoS ONE</i> , 2015, 10, e0137862.	1.1	1
79	Global circulation patterns of seasonal influenza viruses vary with antigenic drift. <i>Nature</i> , 2015, 523, 217-220.	13.7	445
80	Hemagglutinin stem reactive antibody response in individuals immunized with a seasonal influenza trivalent vaccine. <i>Protein and Cell</i> , 2015, 6, 453-457.	4.8	1
81	Characteristics of oseltamivir-resistant influenza A (H1N1) pdm09 virus during the 2013–2014 influenza season in Mainland China. <i>Virology Journal</i> , 2015, 12, 96.	1.4	20
82	Genetic Diversity of Avian Influenza A (H10N8) Virus in Live Poultry Markets and Its Association with Human Infections in China. <i>Scientific Reports</i> , 2015, 5, 7632.	1.6	59
83	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2013–2014. <i>Antiviral Research</i> , 2015, 117, 27-38.	1.9	132
84	Poultry farms as a source of avian influenza A (H7N9) virus reassortment and human infection. <i>Scientific Reports</i> , 2015, 5, 7630.	1.6	50
85	A Combination of Serological Assays to Detect Human Antibodies to the Avian Influenza A H7N9 Virus. <i>PLoS ONE</i> , 2014, 9, e95612.	1.1	17
86	Clinical and epidemiological characteristics of a fatal case of avian influenza A H10N8 virus infection: a descriptive study. <i>Lancet, The</i> , 2014, 383, 714-721.	6.3	533
87	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2012–2013. <i>Antiviral Research</i> , 2014, 110, 31-41.	1.9	85
88	Epidemiology of Human Infections with Avian Influenza A(H7N9) Virus in China. <i>New England Journal of Medicine</i> , 2014, 370, 520-532.	13.9	603
89	Biological features of novel avian influenza A (H7N9) virus. <i>Nature</i> , 2013, 499, 500-503.	13.7	340
90	Structures and Receptor Binding of Hemagglutinins from Human-Infecting H7N9 Influenza Viruses. <i>Science</i> , 2013, 342, 243-247.	6.0	237

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91	Virological and serological study of human infection with swine influenza A H1N1 virus in China. <i>Virology</i> , 2013, 446, 49-55.	1.1	12
92	Human Infection with a Novel Avian-Origin Influenza A (H7N9) Virus. <i>New England Journal of Medicine</i> , 2013, 368, 1888-1897.	13.9	2,122
93	Monitoring Avian Influenza A(H7N9) Virus through National Influenza-like Illness Surveillance, China. <i>Emerging Infectious Diseases</i> , 2013, 19, .	2.0	39
94	Monitoring Avian Influenza A(H7N9) Virus through National Influenza-like Illness Surveillance, China. <i>Emerging Infectious Diseases</i> , 2013, 19, 1289-92.	2.0	74
95	Mapping of H3N2 influenza antigenic evolution in China reveals a strategy for vaccine strain recommendation. <i>Nature Communications</i> , 2012, 3, 709.	5.8	88
96	A comprehensive surveillance of adamantane resistance among human influenza A virus isolated from mainland China between 1956 and 2009. <i>Antiviral Therapy</i> , 2010, 15, 853-860.	0.6	48