

Dayan Wang

List of Publications by Year in descending order

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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	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
2	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
3	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
4	Global circulation patterns of seasonal influenza viruses vary with antigenic drift. <i>Nature</i> , 2015, 523, 217-220.	13.7	445
5	Biological features of novel avian influenza A (H7N9) virus. <i>Nature</i> , 2013, 499, 500-503.	13.7	340
6	Structures and Receptor Binding of Hemagglutinins from Human-Infecting H7N9 Influenza Viruses. <i>Science</i> , 2013, 342, 243-247.	6.0	237
7	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
8	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2014â€“2015. <i>Antiviral Research</i> , 2016, 132, 178-185.	1.9	155
9	Human Infection with Highly Pathogenic Avian Influenza A(H7N9) Virus, China. <i>Emerging Infectious Diseases</i> , 2017, 23, 1332-1340.	2.0	146
10	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2013â€“2014. <i>Antiviral Research</i> , 2015, 117, 27-38.	1.9	132
11	Genesis and Spread of Newly Emerged Highly Pathogenic H7N9 Avian Viruses in Mainland China. <i>Journal of Virology</i> , 2017, 91, .	1.5	104
12	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
13	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
14	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
15	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
16	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2017â€“2018. <i>Antiviral Research</i> , 2020, 175, 104718.	1.9	91
17	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
18	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

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19	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2012â€“2013. <i>Antiviral Research</i> , 2014, 110, 31-41.	1.9	85
20	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
21	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
22	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
23	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
24	Genesis and Dissemination of Highly Pathogenic H5N6 Avian Influenza Viruses. <i>Journal of Virology</i> , 2017, 91, .	1.5	57
25	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
26	The re-emergence of highly pathogenic avian influenza H7N9 viruses in humans in mainland China, 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	49
27	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
28	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2018â€“2020. <i>Antiviral Research</i> , 2022, 200, 105281.	1.9	44
29	Rare variant <i>MX1</i> alleles increase human susceptibility to zoonotic H7N9 influenza virus. <i>Science</i> , 2021, 373, 918-922.	6.0	41
30	Monitoring Avian Influenza A(H7N9) Virus through National Influenza-like Illness Surveillance, China. <i>Emerging Infectious Diseases</i> , 2013, 19, .	2.0	39
31	The Epidemiology, Virology, and Pathogenicity of Human Infections with Avian Influenza Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038620.	2.9	37
32	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
33	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
34	Emerging HxNy Influenza A Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2022, 12, a038406.	2.9	30
35	Human infections with novel reassortant H5N6 avian influenza viruses in China. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-2.	3.0	27
36	Epidemiologic, Clinical, and Genetic Characteristics of Human Infections with Influenza A(H5N6) Viruses, China. <i>Emerging Infectious Diseases</i> , 2022, 28, 1332-1344.	2.0	27

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37	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
38	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
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	Characteristics of oseltamivir-resistant influenza A (H1N1) pdm09 virus during the 2013â€“2014 influenza season in Mainland China. <i>Virology Journal</i> , 2015, 12, 96.	1.4	20
41	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
42	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
43	Epidemiological and Virological Surveillance of Seasonal Influenza Viruses â€” China, 2020â€“2021. <i>China CDC Weekly</i> , 2021, 3, 918-922.	1.0	20
44	Severe human infection with a novel avian-origin influenza A(H7N4) virus. <i>Science Bulletin</i> , 2018, 63, 1043-1050.	4.3	19
45	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
46	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
47	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
48	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
49	Research progress in human infection with avian influenza H7N9 virus. <i>Science China Life Sciences</i> , 2017, 60, 1299-1306.	2.3	14
50	Epidemiology and Genotypic Diversity of Eurasian Avian-Like H1N1 Swine Influenza Viruses in China. <i>Virologica Sinica</i> , 2021, 36, 43-51.	1.2	14
51	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
52	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
53	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
54	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

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55	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
56	Incidence of influenza virus infections confirmed by serology in children and adult in a suburb community, northern China, 2018â€”2019 influenza season. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 262-269.	1.5	12
57	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
58	Epidemiological and Genetic Characteristics of the H3 Subtype Avian Influenza Viruses in China. <i>China CDC Weekly</i> , 2021, 3, 929-936.	1.0	12
59	Unique binding pattern for a lineage of human antibodies with broad reactivity against influenza A virus. <i>Nature Communications</i> , 2022, 13, 2378.	5.8	12
60	Avian influenza H9N2 virus isolated from air samples in LPMs in Jiangxi, China. <i>Virology Journal</i> , 2017, 14, 136.	1.4	11
61	Influenza activity during the outbreak of coronavirus disease 2019 in Chinese mainland. <i>Biosafety and Health</i> , 2020, 2, 206-209.	1.2	11
62	Characteristics of influenza H13N8 subtype virus firstly isolated from Qinghai Lake Region, China. <i>Virology Journal</i> , 2017, 14, 180.	1.4	10
63	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
64	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
65	Increased urbanization reduced the effectiveness of school closures on seasonal influenza epidemics in China. <i>Infectious Diseases of Poverty</i> , 2021, 10, 127.	1.5	9
66	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
67	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
68	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
69	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
70	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
71	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
72	Advanced researches on the inhibition of influenza virus by Favipiravir and Baloxavir. <i>Biosafety and Health</i> , 2020, 2, 64-70.	1.2	7

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73	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
74	The heterogeneity of influenza seasonality by subtype and lineage in China. <i>Journal of Infection</i> , 2020, 80, 469-496.	1.7	6
75	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
76	Characterization of Influenza Viruses in China, 2019-2020. <i>China CDC Weekly</i> , 2020, 2, 856-861.	1.0	6
77	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
78	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
79	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
80	Impact of RNA degradation on influenza diagnosis in the surveillance system. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115388.	0.8	4
81	Fatal <i>Aeromonas</i> bacteraemia in West Africa. <i>Journal of Infection</i> , 2016, 72, 258-260.	1.7	3
82	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
83	Retrospective study of clinical characteristics and viral etiologies of patients with viral pneumonia in Beijing. <i>Pulmonary Circulation</i> , 2021, 11, 1-10.	0.8	3
84	Substitution of I222L-E119V in neuraminidase from highly pathogenic avian influenza H7N9 virus exhibited synergistic resistance effect to oseltamivir in mice. <i>Scientific Reports</i> , 2021, 11, 16293.	1.6	3
85	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
86	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
87	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
88	Homologous PB1 gene promotes the replication efficiency of avian influenza H7N4 candidate vaccine virus. <i>Influenza and Other Respiratory Viruses</i> , 2022, , .	1.5	2
89	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
90	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

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91	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
92	The effect of single amino acid substitution at position 220 in the hemagglutinin glycoprotein on avian influenza H7N9 candidate vaccine virus. <i>Virus Genes</i> , 2021, 57, 164-171.	0.7	1
93	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
94	Three Cases Infected with Avian Influenza A(H5N6) Virus “ Chongqing Municipality, China, January–September, 2021. <i>China CDC Weekly</i> , 2022, 4, 11-16.	1.0	1
95	Incidence of medically attended influenza and influenza virus infections confirmed by serology in Ningbo City from 2017–2018 to 2019–2020. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 552-561.	1.5	1
96	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. <i>Frontiers in Microbiology</i> , 2022, 13, 845088.	1.5	1