

Peng Wu

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118
papers

17,957
citations

37
h-index

130
g-index

130
ext. papers

22,987
ext. citations

11.8
avg, IF

6.7
L-index

#	Paper	IF	Citations
118	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia. <i>New England Journal of Medicine</i> , 2020 , 382, 1199-1207	59.2	8694
117	Temporal dynamics in viral shedding and transmissibility of COVID-19. <i>Nature Medicine</i> , 2020 , 26, 672-675	50.5	2459
116	Estimates of global seasonal influenza-associated respiratory mortality: a modelling study. <i>Lancet, The</i> , 2018 , 391, 1285-1300	40	1109
115	Impact assessment of non-pharmaceutical interventions against coronavirus disease 2019 and influenza in Hong Kong: an observational study. <i>Lancet Public Health, The</i> , 2020 , 5, e279-e288	22.4	601
114	Detection of Covid-19 in Children in Early January 2020 in Wuhan, China. <i>New England Journal of Medicine</i> , 2020 , 382, 1370-1371	59.2	425
113	Evolving epidemiology and transmission dynamics of coronavirus disease 2019 outside Hubei province, China: a descriptive and modelling study. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 793-802	25.5	394
112	Clustering and superspreading potential of SARS-CoV-2 infections in Hong Kong. <i>Nature Medicine</i> , 2020 , 26, 1714-1719	50.5	291
111	Comparative epidemiology of human infections with avian influenza A H7N9 and H5N1 viruses in China: a population-based study of laboratory-confirmed cases. <i>Lancet, The</i> , 2013 , 382, 129-37	40	246
110	Real-time tentative assessment of the epidemiological characteristics of novel coronavirus infections in Wuhan, China, as at 22 January 2020. <i>Eurosurveillance</i> , 2020 , 25,	19.8	246
109	Effect of closure of live poultry markets on poultry-to-person transmission of avian influenza A H7N9 virus: an ecological study. <i>Lancet, The</i> , 2014 , 383, 541-8	40	210
108	Human infection with avian influenza A H7N9 virus: an assessment of clinical severity. <i>Lancet, The</i> , 2013 , 382, 138-45	40	209
107	Epidemiology of avian influenza A H7N9 virus in human beings across five epidemics in mainland China, 2013-17: an epidemiological study of laboratory-confirmed case series. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 822-832	25.5	194
106	Sex-specific clinical characteristics and prognosis of coronavirus disease-19 infection in Wuhan, China: A retrospective study of 168 severe patients. <i>PLoS Pathogens</i> , 2020 , 16, e1008520	7.6	179
105	Global epidemiology of avian influenza A H5N1 virus infection in humans, 1997-2015: a systematic review of individual case data. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, e108-e118	25.5	152
104	Effect of changing case definitions for COVID-19 on the epidemic curve and transmission parameters in mainland China: a modelling study. <i>Lancet Public Health, The</i> , 2020 , 5, e289-e296	22.4	125
103	Excess mortality associated with influenza A and B virus in Hong Kong, 1998-2009. <i>Journal of Infectious Diseases</i> , 2012 , 206, 1862-71	7	94
102	Comparison of patients hospitalized with influenza A subtypes H7N9, H5N1, and 2009 pandemic H1N1. <i>Clinical Infectious Diseases</i> , 2014 , 58, 1095-103	11.6	92

101	Entry screening to delay local transmission of 2009 pandemic influenza A (H1N1). <i>BMC Infectious Diseases</i> , 2010 , 10, 82	4	86
100	Cancer history is an independent risk factor for mortality in hospitalized COVID-19 patients: a propensity score-matched analysis. <i>Journal of Hematology and Oncology</i> , 2020 , 13, 75	22.4	84
99	The age-specific cumulative incidence of infection with pandemic influenza H1N1 2009 was similar in various countries prior to vaccination. <i>PLoS ONE</i> , 2011 , 6, e21828	3.7	67
98	Psychological responses, behavioral changes and public perceptions during the early phase of the COVID-19 outbreak in China: a population based cross-sectional survey		67
97	Influenza-associated excess respiratory mortality in China, 2010-15: a population-based study. <i>Lancet Public Health</i> , 2019 , 4, e473-e481	22.4	65
96	Detection of mild to moderate influenza A/H7N9 infection by China's national sentinel surveillance system for influenza-like illness: case series. <i>BMJ</i> , 2013 , 346, f3693	5.9	65
95	Infection fatality risk of the pandemic A(H1N1)2009 virus in Hong Kong. <i>American Journal of Epidemiology</i> , 2013 , 177, 834-40	3.8	64
94	Anxiety levels, precautionary behaviours and public perceptions during the early phase of the COVID-19 outbreak in China: a population-based cross-sectional survey. <i>BMJ Open</i> , 2020 , 10, e040910	3	64
93	Epidemiology of Recurrent Hand, Foot and Mouth Disease, China, 2008-2015. <i>Emerging Infectious Diseases</i> , 2018 , 24,	10.2	60
92	Epidemiology of hand, foot and mouth disease in China, 2008 to 2015 prior to the introduction of EV-A71 vaccine. <i>Eurosurveillance</i> , 2017 , 22,	19.8	59
91	Preliminary Epidemiologic Assessment of Human Infections With Highly Pathogenic Avian Influenza A(H5N6) Virus, China. <i>Clinical Infectious Diseases</i> , 2017 , 65, 383-388	11.6	52
90	Differences in the Epidemiology of Human Cases of Avian Influenza A(H7N9) and A(H5N1) Viruses Infection. <i>Clinical Infectious Diseases</i> , 2015 , 61, 563-71	11.6	52
89	Poultry market closures and human infection with influenza A(H7N9) virus, China, 2013-14. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1891-4	10.2	44
88	Human exposure to live poultry and psychological and behavioral responses to influenza A(H7N9), China. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1296-305	10.2	41
87	Heterogeneity in Estimates of the Impact of Influenza on Population Mortality: A Systematic Review. <i>American Journal of Epidemiology</i> , 2018 , 187, 378-388	3.8	40
86	Case Fatality Risk of the First Pandemic Wave of Coronavirus Disease 2019 (COVID-19) in China. <i>Clinical Infectious Diseases</i> , 2021 , 73, e79-e85	11.6	40
85	A joint analysis of influenza-associated hospitalizations and mortality in Hong Kong, 1998-2013. <i>Scientific Reports</i> , 2017 , 7, 929	4.9	39
84	Ambient ozone and influenza transmissibility in Hong Kong. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	37

83	Clustering and superspreading potential of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infections in Hong Kong		37
82	Emerging Enteroviruses Causing Hand, Foot and Mouth Disease, China, 2010-2016. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1902-1906	10.2	34
81	Impact of antibiotic stewardship programmes in Asia: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 844-851	5.1	33
80	Influenza-Associated Excess Mortality in South Korea. <i>American Journal of Preventive Medicine</i> , 2016 , 50, e111-e119	6.1	31
79	Relative incidence and individual-level severity of seasonal influenza A H3N2 compared with 2009 pandemic H1N1. <i>BMC Infectious Diseases</i> , 2017 , 17, 337	4	29
78	Dynamics and Correlation Among Viral Positivity, Seroconversion, and Disease Severity in COVID-19 : A Retrospective Study. <i>Annals of Internal Medicine</i> , 2021 , 174, 453-461	8	28
77	Changing Epidemiology of Hepatitis A and Hepatitis E Viruses in China, 1990-2014. <i>Emerging Infectious Diseases</i> , 2017 , 23, 276-279	10.2	27
76	Hospitalization Fatality Risk of Influenza A(H1N1)pdm09: A Systematic Review and Meta-Analysis. <i>American Journal of Epidemiology</i> , 2015 , 182, 294-301	3.8	26
75	Variation in Influenza B Virus Epidemiology by Lineage, China. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1536-1540	10.2	26
74	Impact assessment of non-pharmaceutical interventions against COVID-19 and influenza in Hong Kong: an observational study		26
73	Seroprevalence of Enterovirus 71 Antibody Among Children in China: A Systematic Review and Meta-analysis. <i>Pediatric Infectious Disease Journal</i> , 2015 , 34, 1399-406	3.4	25
72	Evolving epidemiology of novel coronavirus diseases 2019 and possible interruption of local transmission outside Hubei Province in China: a descriptive and modeling study 2020 ,		24
71	Assessing Asymptomatic, Presymptomatic, and Symptomatic Transmission Risk of Severe Acute Respiratory Syndrome Coronavirus 2. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1314-e1320	11.6	24
70	Human Infection with Influenza A(H7N9) Virus during 3 Major Epidemic Waves, China, 2013-2015. <i>Emerging Infectious Diseases</i> , 2016 , 22, 964-72	10.2	24
69	Transmission dynamics and epidemiological characteristics of Delta variant infections in China		24
68	Avian Influenza Human Infections at the Human-Animal Interface. <i>Journal of Infectious Diseases</i> , 2020 , 222, 528-537	7	23
67	Burden of influenza-associated outpatient influenza-like illness consultations in China, 2006-2015: A population-based study. <i>Influenza and Other Respiratory Viruses</i> , 2020 , 14, 162-172	5.6	23
66	Influenza vaccine effectiveness in preventing hospitalization among Beijing residents in China, 2013-15. <i>Vaccine</i> , 2016 , 34, 2329-33	4.1	23

65	Trajectories of public psycho-behavioural responses relating to influenza A(H7N9) over the winter of 2014-15 in Hong Kong. <i>Psychology and Health</i> , 2019 , 34, 162-180	2.9	23
64	Estimating the Distribution of the Incubation Periods of Human Avian Influenza A(H7N9) Virus Infections. <i>American Journal of Epidemiology</i> , 2015 , 182, 723-9	3.8	22
63	Effectiveness of EV-A71 vaccination in prevention of paediatric hand, foot, and mouth disease associated with EV-A71 virus infection requiring hospitalisation in Henan, China, 2017-18: a test-negative case-control study. <i>The Lancet Child and Adolescent Health</i> , 2019 , 3, 697-704	14.5	21
62	Determinants of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) prevalence in the Asia-Pacific region: A systematic review and meta-analysis. <i>Journal of Global Antimicrobial Resistance</i> , 2019 , 16, 17-27	7.4	21
61	Excess mortality impact of two epidemics of pandemic influenza A(H1N1pdm09) virus in Hong Kong. <i>Influenza and Other Respiratory Viruses</i> , 2014 , 8, 1-7	5.6	20
60	The transmission dynamics of tuberculosis in a recently developed Chinese city. <i>PLoS ONE</i> , 2010 , 5, e10468	4.8	20
59	Adiposity and influenza-associated respiratory mortality: a cohort study. <i>Clinical Infectious Diseases</i> , 2015 , 60, e49-57	11.6	19
58	Spectrum of Enterovirus Serotypes Causing Uncomplicated Hand, Foot, and Mouth Disease and Enteroviral Diagnostic Yield of Different Clinical Samples. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1729-1735	11.6	19
57	Assessment of Human-to-Human Transmissibility of Avian Influenza A(H7N9) Virus Across 5 Waves by Analyzing Clusters of Case Patients in Mainland China, 2013-2017. <i>Clinical Infectious Diseases</i> , 2019 , 68, 623-631	11.6	19
56	Influenza vaccine effectiveness against influenza-associated hospitalization in 2015/16 season, Beijing, China. <i>Vaccine</i> , 2017 , 35, 3129-3134	4.1	18
55	Transmission of Hand, Foot and Mouth Disease and Its Potential Driving Factors in Hong Kong. <i>Scientific Reports</i> , 2016 , 6, 27500	4.9	17
54	Responses to threat of influenza A(H7N9) and support for live poultry markets, Hong Kong, 2013. <i>Emerging Infectious Diseases</i> , 2014 , 20, 882-6	10.2	17
53	An analysis of national target groups for monovalent 2009 pandemic influenza vaccine and trivalent seasonal influenza vaccines in 2009-10 and 2010-11. <i>BMC Infectious Diseases</i> , 2011 , 11, 230	4	17
52	The incubation period distribution of coronavirus disease 2019 (COVID-19): a systematic review and meta-analysis. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	17
51	Evaluation of animal-to-human and human-to-human transmission of influenza A (H7N9) virus in China, 2013-15. <i>Scientific Reports</i> , 2018 , 8, 552	4.9	15
50	Upper Respiratory Infections in Schools and Childcare Centers Reopening after COVID-19 Dismissals, Hong Kong. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1525-1527	10.2	15
49	Population-based hospitalization burden of influenza a virus subtypes and antigenic drift variants in children in Hong Kong (2004-2011). <i>PLoS ONE</i> , 2014 , 9, e92914	3.7	14
48	Live Poultry Exposure and Public Response to Influenza A(H7N9) in Urban and Rural China during Two Epidemic Waves in 2013-2014. <i>PLoS ONE</i> , 2015 , 10, e0137831	3.7	14

47	Population Behavior Patterns in Response to the Risk of Influenza A(H7N9) in Hong Kong, December 2013-February 2014. <i>International Journal of Behavioral Medicine</i> , 2015 , 22, 672-82	2.6	13
46	Temporal changes in factors associated with COVID-19 vaccine hesitancy and uptake among adults in Hong Kong: Serial cross-sectional surveys.. <i>The Lancet Regional Health - Western Pacific</i> , 2022 , 23, 100441	5.4	13
45	Population-Based Pediatric Hospitalization Burden of Lineage-Specific Influenza B in Hong Kong, 2004-2014. <i>Clinical Infectious Diseases</i> , 2017 , 65, 300-307	11.6	12
44	Accuracy of epidemiological inferences based on publicly available information: retrospective comparative analysis of line lists of human cases infected with influenza A(H7N9) in China. <i>BMC Medicine</i> , 2014 , 12, 88	11.4	12
43	Knowledge, Attitudes, and Behaviors (KAB) of Influenza Vaccination in China: A Cross-Sectional Study in 2017/2018. <i>Vaccines</i> , 2019 , 8,	5.3	12
42	Multicentre evaluation of Xpert MTB/RIF assay in detecting urinary tract tuberculosis with urine samples. <i>Scientific Reports</i> , 2019 , 9, 11053	4.9	11
41	Association between the Severity of Influenza A(H7N9) Virus Infections and Length of the Incubation Period. <i>PLoS ONE</i> , 2016 , 11, e0148506	3.7	11
40	Estimating the latent period of coronavirus disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	11
39	Changing disparities in COVID-19 burden in the ethnically homogeneous population of Hong Kong through pandemic waves: an observational study. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	11
38	Case-based surveillance of antimicrobial resistance with full susceptibility profiles. <i>JAC-Antimicrobial Resistance</i> , 2019 , 1, dlz070	2.9	10
37	Rural villagers and urban residents exposure to poultry in China. <i>PLoS ONE</i> , 2014 , 9, e95430	3.7	9
36	Suppressing COVID-19 transmission in Hong Kong: an observational study of the first four months		9
35	Case fatality risk of novel coronavirus diseases 2019 in China 2020 ,		9
34	Effectiveness of Live Poultry Market Interventions on Human Infection with Avian Influenza A(H7N9) Virus, China. <i>Emerging Infectious Diseases</i> , 2020 , 26, 891-901	10.2	8
33	Enterovirus genomic load and disease severity among children hospitalised with hand, foot and mouth disease. <i>EBioMedicine</i> , 2020 , 62, 103078	8.8	8
32	Public risk perception and attitudes towards live poultry markets before and after their closure due to influenza A(H7N9), Hong Kong, January-February 2014. <i>Journal of Public Health</i> , 2016 , 38, 34-43	3.5	7
31	The epidemiological and public health research response to 2009 pandemic influenza A(H1N1): experiences from Hong Kong. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7, 367-82	5.6	7
30	Cost-effectiveness of introducing national seasonal influenza vaccination for adults aged 60 years and above in mainland China: a modelling analysis. <i>BMC Medicine</i> , 2020 , 18, 90	11.4	7

29	Impact of changing case definitions for COVID-19 on the epidemic curve and transmission parameters in mainland China		6
28	Influenza-associated mortality in Yancheng, China, 2011-15. <i>Influenza and Other Respiratory Viruses</i> , 2018 , 12, 98-103	5.6	6
27	Transmission dynamics and epidemiological characteristics of SARS-CoV-2 Delta variant infections in Guangdong, China, May to June 2021.. <i>Eurosurveillance</i> , 2022 , 27,	19.8	6
26	Patterns of Inpatient Antibiotic Use Among Public Hospitals in Hong Kong from 2000 to 2015. <i>Drug Safety</i> , 2020 , 43, 595-606	5.1	5
25	The transfer and decay of maternal antibodies against enterovirus A71, and dynamics of antibodies due to later natural infections in Chinese infants: a longitudinal, paired mother-neonate cohort study. <i>Lancet Infectious Diseases</i> , 2021 , 21, 418-426	25.5	5
24	Vaccine Effectiveness of Two and Three Doses of BNT162b2 and Coronavac Against COVID-19 in Hong Kong. <i>SSRN Electronic Journal</i> ,	1	5
23	A clinical prediction rule for diagnosing human infections with avian influenza A(H7N9) in a hospital emergency department setting. <i>BMC Medicine</i> , 2014 , 12, 127	11.4	4
22	Accounting for Imported Cases in Estimating the Time-Varying Reproductive Number of Coronavirus Disease 2019 in Hong Kong. <i>Journal of Infectious Diseases</i> , 2021 , 224, 783-787	7	4
21	The differential importation risks of COVID-19 from inbound travellers and the feasibility of targeted travel controls: A case study in Hong Kong. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 13, 100184	5	4
20	Joint Estimation Of Generation Time And Incubation Period For Coronavirus Disease (Covid-19). <i>Journal of Infectious Diseases</i> , 2021 ,	7	4
19	International risk of the new variant COVID-19 importations originating in the United Kingdom 2021 ,		4
18	Pandemic fatigue and attenuated impact of avoidance behaviours against COVID-19 transmission in Hong Kong by cross-sectional telephone surveys.. <i>BMJ Open</i> , 2021 , 11, e055909	3	4
17	Serial intervals and case isolation delays for COVID-19: a systematic review and meta-analysis. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	3
16	Reproduction Numbers of SARS-CoV-2 Variants: A Systematic Review and Meta-analysis.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	3
15	Real-time estimation of the influenza-associated excess mortality in Hong Kong. <i>Epidemiology and Infection</i> , 2019 , 147, e217	4.3	2
14	Use of influenza antivirals in patients hospitalized in Hong Kong, 2000-2015. <i>PLoS ONE</i> , 2018 , 13, e0190306	3.6	2
13	Universal community nucleic acid testing for COVID-19 in Hong Kong reveals insights into transmission dynamics: a cross-sectional and modelling study. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	2
12	Gut microbiome and resistome changes during the first wave of the COVID-19 pandemic in comparison with pre-pandemic travel-related changes. <i>Journal of Travel Medicine</i> , 2021 , 28,	12.9	2

11	Accounting for imported cases in estimating the time-varying reproductive number of COVID-19	2
10	COVID-19 transmission in Hong Kong despite universal masking. <i>Journal of Infection</i> , 2021 , 83, 92-95	18.9 2
9	Modeling comparative cost-effectiveness of SARS-CoV-2 vaccine dose fractionation in India.. <i>Nature Medicine</i> , 2022 ,	50.5 2
8	Epidemiology of infections with SARS-CoV-2 Omicron BA.2 variant in Hong Kong, January-March 2022	2
7	Influenza seasonality and its environmental driving factors in mainland China and Hong Kong. <i>Science of the Total Environment</i> , 2021 , 151724	10.2 1
6	Upper Respiratory Infections in Schools and Childcare Centers Reopening after COVID-19 Dismissals, Hong Kong. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1525-1527	10.2 1
5	Restaurant-Based Measures to Control Community Transmission of COVID-19, Hong Kong.. <i>Emerging Infectious Diseases</i> , 2022 , 28, 759-761	10.2 1
4	Variation by lineage in serum antibody responses to influenza B virus infections. <i>PLoS ONE</i> , 2020 , 15, e0241693	3.7 0
3	Incorporating temporal distribution of population-level viral load enables real-time estimation of COVID-19 transmission.. <i>Nature Communications</i> , 2022 , 13, 1155	17.4 0
2	Risk factors for carriage of antimicrobial-resistant bacteria in community dwelling-children in the Asia-Pacific region: a systematic review and meta-analysis.. <i>JAC-Antimicrobial Resistance</i> , 2022 , 4, dlac036 ^{2.9}	0
1	Vaccination Uncertainties and COVID-19 Prospects in 2021. <i>China CDC Weekly</i> , 2021 , 3, 150-152	4