

# Peng Wu

## List of Publications by Year in descending order

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114  
papers

26,833  
citations

71102

41  
h-index

24982

109  
g-index

130  
all docs

130  
docs citations

130  
times ranked

42173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia. <i>New England Journal of Medicine</i> , 2020, 382, 1199-1207.	27.0	12,326
2	Temporal dynamics in viral shedding and transmissibility of COVID-19. <i>Nature Medicine</i> , 2020, 26, 672-675.	30.7	3,838
3	Estimates of global seasonal influenza-associated respiratory mortality: a modelling study. <i>Lancet</i> , The, 2018, 391, 1285-1300.	13.7	1,870
4	Impact assessment of non-pharmaceutical interventions against coronavirus disease 2019 and influenza in Hong Kong: an observational study. <i>Lancet Public Health</i> , The, 2020, 5, e279-e288.	10.0	977
5	Detection of Covid-19 in Children in Early January 2020 in Wuhan, China. <i>New England Journal of Medicine</i> , 2020, 382, 1370-1371.	27.0	586
6	Evolving epidemiology and transmission dynamics of coronavirus disease 2019 outside Hubei province, China: a descriptive and modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 793-802.	9.1	541
7	Clustering and superspreading potential of SARS-CoV-2 infections in Hong Kong. <i>Nature Medicine</i> , 2020, 26, 1714-1719.	30.7	507
8	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, .	7.0	334
9	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</i> , The, 2013, 382, 129-137.	13.7	292
10	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.	4.7	275
11	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</i> , The, 2017, 17, 822-832.	9.1	251
12	Effect of closure of live poultry markets on poultry-to-person transmission of avian influenza A H7N9 virus: an ecological study. <i>Lancet</i> , The, 2014, 383, 541-548.	13.7	248
13	Human infection with avian influenza A H7N9 virus: an assessment of clinical severity. <i>Lancet</i> , The, 2013, 382, 138-145.	13.7	235
14	Vaccine effectiveness of one, two, and three doses of BNT162b2 and CoronaVac against COVID-19 in Hong Kong: a population-based observational study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 1435-1443.	9.1	233
15	Global epidemiology of avian influenza A H5N1 virus infection in humans, 1997-2015: a systematic review of individual case data. <i>Lancet Infectious Diseases</i> , The, 2016, 16, e108-e118.	9.1	201
16	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</i> , The, 2020, 5, e289-e296.	10.0	183
17	Influenza-associated excess respiratory mortality in China, 2010-15: a population-based study. <i>Lancet Public Health</i> , The, 2019, 4, e473-e481.	10.0	150
18	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.	17.0	133

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19	Excess Mortality Associated With Influenza A and B Virus in Hong Kong, 1998â€“2009. <i>Journal of Infectious Diseases</i> , 2012, 206, 1862-1871.	4.0	111
20	Epidemiology of Recurrent Hand, Foot and Mouth Disease, China, 2008â€“2015. <i>Emerging Infectious Diseases</i> , 2018, 24, .	4.3	111
21	Comparison of Patients Hospitalized With Influenza A Subtypes H7N9, H5N1, and 2009 Pandemic H1N1. <i>Clinical Infectious Diseases</i> , 2014, 58, 1095-1103.	5.8	108
22	Entry screening to delay local transmission of 2009 pandemic influenza A (H1N1). <i>BMC Infectious Diseases</i> , 2010, 10, 82.	2.9	106
23	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.	2.9	100
24	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.	1.9	93
25	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, .	7.0	85
26	Infection Fatality Risk of the Pandemic A(H1N1)2009 Virus in Hong Kong. <i>American Journal of Epidemiology</i> , 2013, 177, 834-840.	3.4	83
27	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.	2.5	81
28	Detection of mild to moderate influenza A/H7N9 infection by China's national sentinel surveillance system for influenza-like illness: case series. <i>BMJ, The</i> , 2013, 346, f3693-f3693.	6.0	72
29	Estimating the Latent Period of Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2022, 74, 1678-1681.	5.8	69
30	Transmission dynamics and epidemiological characteristics of SARS-CoV-2 Delta variant infections in Guangdong, China, May to June 2021. <i>Eurosurveillance</i> , 2022, 27, .	7.0	66
31	Differences in the Epidemiology of Human Cases of Avian Influenza A(H7N9) and A(H5N1) Viruses Infection. <i>Clinical Infectious Diseases</i> , 2015, 61, 563-571.	5.8	62
32	Preliminary Epidemiologic Assessment of Human Infections With Highly Pathogenic Avian Influenza A(H5N6) Virus, China. <i>Clinical Infectious Diseases</i> , 2017, 65, 383-388.	5.8	60
33	Impact of antibiotic stewardship programmes in Asia: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 844-851.	3.0	57
34	Avian Influenza Human Infections at the Human-Animal Interface. <i>Journal of Infectious Diseases</i> , 2020, 222, 528-537.	4.0	56
35	Heterogeneity in Estimates of the Impact of Influenza on Population Mortality: A Systematic Review. <i>American Journal of Epidemiology</i> , 2018, 187, 378-388.	3.4	54
36	The Incubation Period Distribution of Coronavirus Disease 2019: A Systematic Review and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2021, 73, 2344-2352.	5.8	53

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37	A joint analysis of influenza-associated hospitalizations and mortality in Hong Kong, 1998–2013. <i>Scientific Reports</i> , 2017, 7, 929.	3.3	52
38	Poultry Market Closures and Human Infection with Influenza A(H7N9) Virus, China, 2013–14. <i>Emerging Infectious Diseases</i> , 2014, 20, 1891-1894.	4.3	51
39	Ambient ozone and influenza transmissibility in Hong Kong. <i>European Respiratory Journal</i> , 2018, 51, 1800369.	6.7	50
40	Emerging Enteroviruses Causing Hand, Foot and Mouth Disease, China, 2010–2016. <i>Emerging Infectious Diseases</i> , 2018, 24, 1902-1906.	4.3	50
41	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.	5.8	50
42	Variation in Influenza B Virus Epidemiology by Lineage, China. <i>Emerging Infectious Diseases</i> , 2018, 24, 1536-1540.	4.3	49
43	Dynamics and Correlation Among Viral Positivity, Seroconversion, and Disease Severity in COVID-19. <i>Annals of Internal Medicine</i> , 2021, 174, 453-461.	3.9	46
44	Human Exposure to Live Poultry and Psychological and Behavioral Responses to Influenza A(H7N9), China. <i>Emerging Infectious Diseases</i> , 2014, 20, 1296-305.	4.3	45
45	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.	5.6	43
46	Influenza-Associated Excess Mortality in South Korea. <i>American Journal of Preventive Medicine</i> , 2016, 50, e111-e119.	3.0	42
47	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.	3.4	42
48	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.	2.2	40
49	Assessing Asymptomatic, Presymptomatic, and Symptomatic Transmission Risk of Severe Acute Respiratory Syndrome Coronavirus 2. <i>Clinical Infectious Diseases</i> , 2021, 73, e1314-e1320.	5.8	39
50	Relative incidence and individual-level severity of seasonal influenza A H3N2 compared with 2009 pandemic H1N1. <i>BMC Infectious Diseases</i> , 2017, 17, 337.	2.9	37
51	Shorter serial intervals and incubation periods in SARS-CoV-2 variants than the SARS-CoV-2 ancestral strain. <i>Journal of Travel Medicine</i> , 2022, 29, .	3.0	34
52	Hospitalization Fatality Risk of Influenza A(H1N1)pdm09: A Systematic Review and Meta-Analysis. <i>American Journal of Epidemiology</i> , 2015, 182, 294-301.	3.4	32
53	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.	2.2	32
54	Influenza seasonality and its environmental driving factors in mainland China and Hong Kong. <i>Science of the Total Environment</i> , 2022, 818, 151724.	8.0	32

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55	Seroprevalence of Enterovirus 71 Antibody Among Children in China. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1399-1406.	2.0	31
56	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.	5.8	31
57	Estimating the Distribution of the Incubation Periods of Human Avian Influenza A(H7N9) Virus Infections. <i>American Journal of Epidemiology</i> , 2015, 182, 723-729.	3.4	30
58	Changing Epidemiology of Hepatitis A and Hepatitis E Viruses in China, 1990â€“2014. <i>Emerging Infectious Diseases</i> , 2017, 23, 276-279.	4.3	30
59	Upper Respiratory Infections in Schools and Childcare Centers Reopening after COVID-19 Dismissals, Hong Kong. <i>Emerging Infectious Diseases</i> , 2021, 27, 1525-1527.	4.3	27
60	Modeling comparative cost-effectiveness of SARS-CoV-2 vaccine dose fractionation in India. <i>Nature Medicine</i> , 2022, 28, 934-938.	30.7	27
61	Human Infection with Influenza A(H7N9) Virus during 3 Major Epidemic Waves, China, 2013â€“2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 964-972.	4.3	26
62	Assessment of Human-to-Human Transmissibility of Avian Influenza A(H7N9) Virus Across 5 Waves by Analyzing Clusters of Case Patients in Mainland China, 2013â€“2017. <i>Clinical Infectious Diseases</i> , 2019, 68, 623-631.	5.8	26
63	Vaccine Effectiveness of Two and Three Doses of BNT162b2 and Coronavac Against COVID-19 in Hong Kong. <i>SSRN Electronic Journal</i> , 0, , .	0.4	26
64	Adiposity and Influenza-Associated Respiratory Mortality: A Cohort Study. <i>Clinical Infectious Diseases</i> , 2015, 60, e49-e57.	5.8	24
65	Influenza vaccine effectiveness in preventing hospitalization among Beijing residents in China, 2013â€“15. <i>Vaccine</i> , 2016, 34, 2329-2333.	3.8	24
66	Cost-effectiveness of introducing national seasonal influenza vaccination for adults aged 60ÂŹyears and above in mainland China: a modelling analysis. <i>BMC Medicine</i> , 2020, 18, 90.	5.5	24
67	The Transmission Dynamics of Tuberculosis in a Recently Developed Chinese City. <i>PLoS ONE</i> , 2010, 5, e10468.	2.5	23
68	Transmission of Hand, Foot and Mouth Disease and Its Potential Driving Factors in Hong Kong. <i>Scientific Reports</i> , 2016, 6, 27500.	3.3	23
69	Knowledge, Attitudes, and Behaviors (KAB) of Influenza Vaccination in China: A Cross-Sectional Study in 2017/2018. <i>Vaccines</i> , 2020, 8, 7.	4.4	23
70	Excess mortality impact of two epidemics of pandemic influenza A(H1N1) virus in Hong Kong. <i>Influenza and Other Respiratory Viruses</i> , 2014, 8, 1-7.	3.4	21
71	Population Behavior Patterns in Response to the Risk of Influenza A(H7N9) in Hong Kong, December 2013â€“February 2014. <i>International Journal of Behavioral Medicine</i> , 2015, 22, 672-682.	1.7	20
72	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.	2.9	20

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73	Reproduction Numbers of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants: A Systematic Review and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2022, 75, e293-e295.	5.8	20
74	Influenza vaccine effectiveness against influenza-associated hospitalization in 2015/16 season, Beijing, China. <i>Vaccine</i> , 2017, 35, 3129-3134.	3.8	19
75	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.	3.3	19
76	Case-based surveillance of antimicrobial resistance with full susceptibility profiles. <i>JAC-Antimicrobial Resistance</i> , 2019, 1, dlz070.	2.1	19
77	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.	2.9	18
78	Responses to Threat of Influenza A(H7N9) and Support for Live Poultry Markets, Hong Kong, 2013. <i>Emerging Infectious Diseases</i> , 2014, 20, 882-886.	4.3	18
79	Multicentre evaluation of Xpert MTB/RIF assay in detecting urinary tract tuberculosis with urine samples. <i>Scientific Reports</i> , 2019, 9, 11053.	3.3	17
80	Serial Intervals and Case Isolation Delays for Coronavirus Disease 2019: A Systematic Review and Meta-Analysis. <i>Clinical Infectious Diseases</i> , 2021, , .	5.8	17
81	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.	1.9	17
82	International risk of SARS-CoV-2 omicron variant importations originating in South Africa. <i>Journal of Travel Medicine</i> , 0, , .	3.0	17
83	Enterovirus genomic load and disease severity among children hospitalised with hand, foot and mouth disease. <i>EBioMedicine</i> , 2020, 62, 103078.	6.1	16
84	Changing Disparities in Coronavirus Disease 2019 (COVID-19) Burden in the Ethnically Homogeneous Population of Hong Kong Through Pandemic Waves: An Observational Study. <i>Clinical Infectious Diseases</i> , 2021, 73, 2298-2305.	5.8	16
85	Incorporating temporal distribution of population-level viral load enables real-time estimation of COVID-19 transmission. <i>Nature Communications</i> , 2022, 13, 1155.	12.8	16
86	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.	2.5	14
87	Population-Based Pediatric Hospitalization Burden of Lineage-Specific Influenza B in Hong Kong, 2004-2014. <i>Clinical Infectious Diseases</i> , 2017, 65, 300-307.	5.8	14
88	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> , The, 2021, 21, 418-426.	9.1	14
89	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, .	3.0	14
90	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.	2.5	14

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91	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. BMC Medicine, 2014, 12, 88.	5.5	13
92	Association between the Severity of Influenza A(H7N9) Virus Infections and Length of the Incubation Period. PLoS ONE, 2016, 11, e0148506.	2.5	13
93	Accounting for Imported Cases in Estimating the Time-Varying Reproductive Number of Coronavirus Disease 2019 in Hong Kong. Journal of Infectious Diseases, 2021, 224, 783-787.	4.0	13
94	Joint Estimation of Generation Time and Incubation Period for Coronavirus Disease 2019. Journal of Infectious Diseases, 2021, , .	4.0	13
95	Rural Villagers and Urban Residents Exposure to Poultry in China. PLoS ONE, 2014, 9, e95430.	2.5	12
96	Influenza-associated mortality in Yancheng, China, 2011-15. Influenza and Other Respiratory Viruses, 2018, 12, 98-103.	3.4	12
97	COVID-19 transmission in Hong Kong despite universal masking. Journal of Infection, 2021, 83, 92-95.	3.3	12
98	The epidemiological and public health research response to 2009 pandemic influenza A(H1N1): experiences from Hong Kong. Influenza and Other Respiratory Viruses, 2013, 7, 367-382.	3.4	10
99	Effectiveness of Live Poultry Market Interventions on Human Infection with Avian Influenza A(H7N9) Virus, China. Emerging Infectious Diseases, 2020, 26, 891-901.	4.3	10
100	Public risk perception and attitudes towards live poultry markets before and after their closure due to influenza A(H7N9), Hong Kong, January-February 2014. Journal of Public Health, 2016, 38, 34-43.	1.8	9
101	Patterns of Inpatient Antibiotic Use Among Public Hospitals in Hong Kong from 2000 to 2015. Drug Safety, 2020, 43, 595-606.	3.2	9
102	Universal Community Nucleic Acid Testing for Coronavirus Disease 2019 (COVID-19) in Hong Kong Reveals Insights Into Transmission Dynamics: A Cross-Sectional and Modeling Study. Clinical Infectious Diseases, 2022, 75, e216-e223.	5.8	8
103	Systematic review and meta-analyses of superspreading of SARS-CoV-2 infections. Transboundary and Emerging Diseases, 2022, 69, .	3.0	7
104	Variation by lineage in serum antibody responses to influenza B virus infections. PLoS ONE, 2020, 15, e0241693.	2.5	6
105	Restaurant-Based Measures to Control Community Transmission of COVID-19, Hong Kong. Emerging Infectious Diseases, 2022, 28, 759-761.	4.3	6
106	A clinical prediction rule for diagnosing human infections with avian influenza A(H7N9) in a hospital emergency department setting. BMC Medicine, 2014, 12, 127.	5.5	5
107	Real-time estimation of the influenza-associated excess mortality in Hong Kong. Epidemiology and Infection, 2019, 147, e217.	2.1	5
108	Risk factors for carriage of antimicrobial-resistant bacteria in community dwelling-children in the Asia-Pacific region: a systematic review and meta-analysis. JAC-Antimicrobial Resistance, 2022, 4, dlac036.	2.1	5

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109	Upper Respiratory Infections in Schools and Childcare Centers Reopening after COVID-19 Dismissals, Hong Kong. <i>Emerging Infectious Diseases</i> , 2021, 27, 1525-1527.	4.3	2
110	Use of influenza antivirals in patients hospitalized in Hong Kong, 2000-2015. <i>PLoS ONE</i> , 2018, 13, e0190306.	2.5	2
111	RiskEstim: A Software Package to Quantify COVID-19 Importation Risk. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	2
112	Vaccination Uncertainties and COVID-19 Prospects in 2021. <i>China CDC Weekly</i> , 2021, 3, 150-152.	2.3	0
113	Sepsis-associated hospitalizations and antimicrobial use in Hong Kong. <i>Epidemiology and Infection</i> , 0, , 1-24.	2.1	0
114	Estimating excess septicaemia mortality and hospitalisation burden associated with influenza in Hong Kong, 1998 to 2019. <i>Epidemiology and Infection</i> , 2022, 150, .	2.1	0