Quanyi Wang

List of Publications by Year
in descending order

109 papers	6,574 citations

136950

32 h-index	

74163

75 g-index	

113 all docs	113 docs citations
113 times ranked	12361 citing authors

#	Article	IF	Citations
1	Adaptively temporal graph convolution model for epidemic prediction of multiple age groups. Fundamental Research, 2022, 2, 311-320.	3.3	1
2	Factors Associated with SARS-CoV-2 Repeat Positivity â€" Beijing, China, Juneâ€"September 2020. China CDC Weekly, 2022, 4, 88-95.	2.3	3
3	Mass screening is a key component to fight against SARS-CoV-2 and return to normalcy. Medical Review, 2022, 2, 197-212.	1.2	4
4	Role of presymptomatic transmission of COVID-19: evidence from Beijing, China. Journal of Epidemiology and Community Health, 2021, 75, jech-2020-214635.	3.7	14
5	Coronavirus disease 2019 outbreak in Beijingâ€™s Xinfadi Market, China: a modeling study to inform future resurgence response. Infectious Diseases of Poverty, 2021, 10, 62.	3.7	10
6	Group A rotavirus prevalence and genotypes among adult outpatients with diarrhea in Beijing, China, 2011â€"2018. Journal of Medical Virology, 2021, 93, 6191-6199.	5.0	5
7	Non-pharmaceutical interventions during the roll out of covid-19 vaccines. BMJ, The, 2021, 375, n2314.	6.0	31
8	Use of contact tracing, isolation, and mass testing to control transmission of covid-19 in China. BMJ, The, 2021, 375, n2330.	6.0	34
9	Epidemiological characteristics and genetic diversity of norovirus infections among outpatient children with diarrhea under 5Âyears of age in Beijing, China, 2011â€"2018. Gut Pathogens, 2021, 13, 77.	3.4	6
10	Influenza vaccine effectiveness estimates against influenza A(H3N2) and A(H1N1) pdm09 among children during school-based outbreaks in the 2016â€"2017 season in Beijing, China. Human Vaccines and Immunotherapeutics, 2020, 16, 816-822.	3.3	8
11	8-year M type surveillance of Streptococcus pyogenes in China. Lancet Infectious Diseases, The, 2020, 20, 24-25.	9.1	7
12	Basic epidemiological parameter values from data of real-world in mega-cities: the characteristics of COVID-19 in Beijing, China. BMC Infectious Diseases, 2020, 20, 526.	2.9	103
13	Influenza Vaccination and Non-Pharmaceutical Measure Effectiveness for Preventing Influenza Outbreaks in Schools: A Surveillance-Based Evaluation in Beijing. Vaccines, 2020, 8, 714.	4.4	6
14	Modeling the viral dynamics of SARS-CoV-2 infection. Mathematical Biosciences, 2020, 328, 108438.	1.9	120
15	Using deep learning to predict the hand-foot-and-mouth disease of enterovirus A71 subtype in Beijing from 2011 to 2018. Scientific Reports, 2020, 10, 12201.	3.3	8
16	An outbreak of acute respiratory infection at a training base in Beijing, China due to human adenovirus type B55. BMC Infectious Diseases, 2020, 20, 537.	2.9	16
17	Cold-chain food contamination as the possible origin of COVID-19 resurgence in Beijing. National Science Review, 2020, 7, 1861-1864.	9.5	175
18	Time Course of a Second Outbreak of COVID-19 in Beijing, China, June-July 2020. JAMA - Journal of the American Medical Association, 2020, 324, 1458.	7.4	48

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19	Reduction of secondary transmission of SARS-CoV-2 in households by face mask use, disinfection and social distancing: a cohort study in Beijing, China. BMJ Global Health, 2020, 5, e002794.	4.7	382
20	Potential False-Negative Nucleic Acid Testing Results for Severe Acute Respiratory Syndrome Coronavirus 2 from Thermal Inactivation of Samples with Low Viral Loads. Clinical Chemistry, 2020, 66, 794-801.	3.2	198
21	Viral load of SARS-CoV-2 in clinical samples. Lancet Infectious Diseases, The, 2020, 20, 411-412.	9.1	1,385
22	Enterovirus D68 in a 6-year-old acute flaccid myelitis case in China, 2018: a case report. BMC Infectious Diseases, 2020, 20, 125.	2.9	3
23	Molecular Diagnosis of a Novel Coronavirus (2019-nCoV) Causing an Outbreak of Pneumonia. Clinical Chemistry, 2020, 66, 549-555.	3.2	1,098
24	A model of influenza infection and vaccination in children aged under 5 years in Beijing, China. Human Vaccines and Immunotherapeutics, 2020, 16, 1685-1690.	3.3	8
25	Influenza-associated cardiovascular mortality in older adults in Beijing, China: a population-based time-series study. BMJ Open, 2020, 10, e042487.	1.9	16
26	Norovirus outbreaks in Beijing, China, from 2014 to 2017. Journal of Infection, 2019, 79, 159-166.	3.3	31
27	Effectiveness of Lanzhou lamb rotavirus vaccine in preventing gastroenteritis among children younger than 5â€‘years of age. Vaccine, 2019, 37, 3611-3616.	3.8	24
28	Avian influenza A (H9N2) virus infections among poultry workers, swine workers, and the general population in Beijing, China, 2013â€‘2016: A serological cohort study. Influenza and Other Respiratory Viruses, 2019, 13, 415-425.	3.4	12
29	The effectiveness of influenza vaccination in preventing hospitalizations in elderly in Beijing, 2016â€‘18. Vaccine, 2019, 37, 1853-1858.	3.8	4
30	Enterovirus A71 vaccine effectiveness in preventing enterovirus A71 infection among medically-attended hand, foot, and mouth disease cases, Beijing, China. Human Vaccines and Immunotherapeutics, 2019, 15, 1183-1190.	3.3	24
31	Reduction of influenza A(H3N2)-associated symptoms by influenza vaccination in school aged-children during the 2014-2015 winter season dominated by mismatched H3N2 viruses. Human Vaccines and Immunotherapeutics, 2019, 15, 1031-1034.	3.3	1
32	Fine Particulate Air Pollution and Hospital Utilization for Upper Respiratory Tract Infections in Beijing, China. International Journal of Environmental Research and Public Health, 2019, 16, 533.	2.6	14
33	Molecular and epidemiologyical analysis of a Campylobacter jejuni outbreak in China, 2018. Journal of Infection in Developing Countries, 2019, 13, 1086-1094.	1.2	12
34	Moderate influenza vaccine effectiveness against influenza A(H1N1)pdm09 virus and low effectiveness against A(H3N2) virus among older adults during 2013â€‘2014 influenza season in Beijing, China. Human Vaccines and Immunotherapeutics, 2018, 14, 1323-1330.	3.3	13
35	Willingness to accept a future influenza A(H7N9) vaccine in Beijing, China. Vaccine, 2018, 36, 491-497.	3.8	23
36	Mortality burden from seasonal influenza and 2009 H1N1 pandemic influenza in Beijing, China, 2007â€‘2013. Influenza and Other Respiratory Viruses, 2018, 12, 88-97.	3.4	30

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37	Prevalence and genotypes of group A rotavirus among outpatient children under five years old with diarrhea in Beijing, China, 2011â€"2016. BMC Infectious Diseases, 2018, 18, 497.	2.9	40
38	Hospitalizations for Influenza-Associated Severe Acute Respiratory Infection, Beijing, China, 2014â€"2016. Emerging Infectious Diseases, 2018, 24, 2098-2102.	4.3	16
39	A swimming pool-associated outbreak of pharyngoconjunctival fever caused by human adenovirus type 4 in Beijing, China. International Journal of Infectious Diseases, 2018, 75, 89-91.	3.3	34
40	The 2015â€"2016 influenza epidemic in Beijing, China: Unlike elsewhere, circulation of influenza A(H3N2) with moderate vaccine effectiveness. Vaccine, 2018, 36, 4993-5001.	3.8	6
41	Adenovirus-associated acute conjunctivitis in Beijing, China, 2011â€"2013. BMC Infectious Diseases, 2018, 18, 135.	2.9	28
42	An outbreak of Coxsackievirus A6â€"associated hand, foot, and mouth disease in a kindergarten in Beijing in 2015. BMC Pediatrics, 2018, 18, 277.	1.7	18
43	Influenza illness averted by influenza vaccination among school year children in Beijing, 2013â€"2016. Influenza and Other Respiratory Viruses, 2018, 12, 687-694.	3.4	9
44	Influenza vaccine effectiveness in preventing laboratory-confirmed influenza in outpatient settings: A test-negative case-control study in Beijing, China, 2016/17 season. Vaccine, 2018, 36, 5774-5780.	3.8	15
45	Influenza Vaccine Effectiveness in Preventing Influenza Illness Among Children During School-based Outbreaks in the 2014â€"2015 Season in Beijing, China. Pediatric Infectious Disease Journal, 2017, 36, e69-e75.	2.0	19
46	Influenza vaccine effectiveness against influenza-associated hospitalization in 2015/16 season, Beijing, China. Vaccine, 2017, 35, 3129-3134.	3.8	19
47	Overview of influenza vaccination policy in Beijing, China: Current status and future prospects. Journal of Public Health Policy, 2017, 38, 366-379.	2.0	26
48	Detection of yellow fever virus genomes from four imported cases in China. International Journal of Infectious Diseases, 2017, 60, 93-95.	3.3	15
49	Factors associated with the uptake of seasonal influenza vaccination in older and younger adults: a large, population-based survey in Beijing, China. BMJ Open, 2017, 7, e017459.	1.9	65
50	Human parainfluenza virus infection in severe acute respiratory infection cases in Beijing, 2014â€"2016: A molecular epidemiological study. Influenza and Other Respiratory Viruses, 2017, 11, 564-568.	3.4	27
51	Influenza vaccine effectiveness against medically attended influenza illness in Beijing, China, 2014/15 season. Human Vaccines and Immunotherapeutics, 2017, 13, 2379-2384.	3.3	17
52	The efficacy of medical masks and respirators against respiratory infection in healthcare workers. Influenza and Other Respiratory Viruses, 2017, 11, 511-517.	3.4	93
53	Influenza vaccination in preventing outbreaks in schools: A long-term ecological overview. Vaccine, 2017, 35, 7133-7138.	3.8	12
54	Using a community based survey of healthcare seeking behavior to estimate the actual magnitude of influenza among adults in Beijing during 2013-2014 season. BMC Infectious Diseases, 2017, 17, 120.	2.9	5

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55	Cost-effectiveness analysis of N95 respirators and medical masks to protect healthcare workers in China from respiratory infections. BMC Infectious Diseases, 2017, 17, 464.	2.9	29
56	Characterization of Coxsackievirus A6- and Enterovirus 71-Associated Hand Foot and Mouth Disease in Beijing, China, from 2013 to 2015. Frontiers in Microbiology, 2016, 7, 391.	3.5	60
57	Spatiotemporal Pattern Analysis of Scarlet Fever Incidence in Beijing, China, 2005â€"2014. International Journal of Environmental Research and Public Health, 2016, 13, 131.	2.6	22
58	The Association between Environmental Factors and Scarlet Fever Incidence in Beijing Region: Using GIS and Spatial Regression Models. International Journal of Environmental Research and Public Health, 2016, 13, 1083.	2.6	38
59	Detecting spatial-temporal cluster of hand foot and mouth disease in Beijing, China, 2009-2014. BMC Infectious Diseases, 2016, 16, 206.	2.9	11
60	Hygiene Behaviors Associated with Influenza-Like Illness among Adults in Beijing, China: A Large, Population-Based Survey. PLoS ONE, 2016, 11, e0148448.	2.5	20
61	Estimated burden of group a streptococcal pharyngitis among children in Beijing, China. BMC Infectious Diseases, 2016, 16, 452.	2.9	11
62	Influenza vaccine effectiveness in preventing hospitalization among Beijing residents in China, 2013â€"15. Vaccine, 2016, 34, 2329-2333.	3.8	24
63	A fatal yellow fever virus infection in China: description and lessons. Emerging Microbes and Infections, 2016, 5, 1-8.	6.5	49
64	Weight and prognosis for influenza A(H1N1)pdm09 infection during the pandemic period between 2009 and 2011: a systematic review of observational studies with meta-analysis. Infectious Diseases, 2016, 48, 813-822.	2.8	69
65	Avian influenza A(H7N9) and (H5N1) infections among poultry and swine workers and the general population in Beijing, China, 2013â€"2015. Scientific Reports, 2016, 6, 33877.	3.3	15
66	Cluster randomised controlled trial to examine medical mask use as source control for people with respiratory illness. BMJ Open, 2016, 6, e012330.	1.9	60
67	Impact of ambient fine particulate matter (PM2.5) exposure on the risk of influenza-like-illness: a time-series analysis in Beijing, China. Environmental Health, 2016, 15, 17.	4.0	140
68	Development of an immunomagnetic beads-based test and its application in influenza surveillance. Clinical Chemistry and Laboratory Medicine, 2016, 54, e25-9.	2.3	3
69	Cytokines and chemokines in mild/asymptomatic cases infected with avian influenza A (H7N9) virus. Journal of Medical Microbiology, 2016, 65, 1232-1235.	1.8	4
70	Prevalence and factors associated with different pathogens of acute diarrhea in adults in Beijing, China. Journal of Infection in Developing Countries, 2016, 10, 1200-1207.	1.2	11
71	Increased norovirus activity was associated with a novel norovirus GII.17 variant in Beijing, China during winter 2014â€"2015. BMC Infectious Diseases, 2015, 15, 574.	2.9	30
72	A cluster randomised trial of cloth masks compared with medical masks in healthcare workers. BMJ Open, 2015, 5, e006577-e006577.	1.9	349

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73	Human calicivirus occurrence among outpatients with diarrhea in Beijing, China, between April 2011 and March 2013. Journal of Medical Virology, 2015, 87, 2040-2047.	5.0	13
74	Cluster of Human Infections with Avian Influenza A (H7N9) Cases: A Temporal and Spatial Analysis. International Journal of Environmental Research and Public Health, 2015, 12, 816-828.	2.6	31
75	Using an Adjusted Serfling Regression Model to Improve the Early Warning at the Arrival of Peak Timing of Influenza in Beijing. PLoS ONE, 2015, 10, e0119923.	2.5	12
76	The impact of temperature and humidity measures on influenza A (H7N9) outbreaks—evidence from China. International Journal of Infectious Diseases, 2015, 30, 122-124.	3.3	32
77	Examining the policies and guidelines around the use of masks and respirators by healthcare workers in China, Pakistan and Vietnam. Journal of Infection Prevention, 2015, 16, 68-74.	0.9	13
78	A case of human infection with avian Influenza A/H7N9 virus in Beijing: virological and serological analysis. Journal of Infection in Developing Countries, 2015, 9, 317-320.	1.2	2
79	Do corticosteroids reduce the mortality of influenza A (H1N1) infection? A meta-analysis. Critical Care, 2015, 19, 46.	5.8	66
80	Health literacy in Beijing: an assessment of adults' knowledge and skills regarding communicable diseases. BMC Public Health, 2015, 15, 799.	2.9	14
81	Technical guidelines for the application of seasonal influenza vaccine in China (2014–2015). Human Vaccines and Immunotherapeutics, 2015, 11, 2077-2101.	3.3	50
82	Epidemiological Analysis, Detection, and Comparison of Space-Time Patterns of Beijing Hand-Foot-Mouth Disease (2008–2012). PLoS ONE, 2014, 9, e92745.	2.5	57
83	Etiology of Acute Conjunctivitis Due to Coxsackievirus A24 Variant, Human Adenovirus, Herpes Simplex Virus, and Chlamydia in Beijing, China. Japanese Journal of Infectious Diseases, 2014, 67, 349-355.	1.2	6
84	Post-pandemic assessment of public knowledge, behavior, and skill on influenza prevention among the general population of Beijing, China. International Journal of Infectious Diseases, 2014, 24, 1-5.	3.3	13
85	Influenza vaccine effectiveness against medically-attended influenza illness during the 2012–2013 season in Beijing, China. Vaccine, 2014, 32, 5285-5289.	3.8	39
86	Estimating the number of hand, foot and mouth disease amongst children aged under-five in Beijing during 2012, based on a telephone survey of healthcare seeking behavior. BMC Infectious Diseases, 2014, 14, 437.	2.9	7
87	Behavioural factors associated with diarrhea among adults over 18 years of age in Beijing, China. BMC Public Health, 2014, 14, 451.	2.9	9
88	Illicit poultry selling was probably the source of infection of the first H5N1 case in the Americas imported from Beijing. Journal of Infection, 2014, 68, 505-506.	3.3	1
89	Efficacy of face masks and respirators in preventing upper respiratory tract bacterial colonization and co-infection in hospital healthcare workers. Preventive Medicine, 2014, 62, 1-7.	3.4	69
90	Excretion of enterovirus 71 in persons infected with hand, foot and mouth disease. Virology Journal, 2013, 10, 31.	3.4	47

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91	Influenza vaccination coverage rates among adults before and after the 2009 influenza pandemic and the reasons for non-vaccination in Beijing, China: A cross-sectional study. BMC Public Health, 2013, 13, 636.	2.9	54
92	Factors associated with the transmission of pandemic (H1N1) 2009 among hospital healthcare workers in Beijing, China. Influenza and Other Respiratory Viruses, 2013, 7, 466-471.	3.4	25
93	A case of avian influenza A (H7N9) virus occurring in the summer season, China. Journal of Infection, 2013, 67, 624-625.	3.3	7
94	Evaluation of two commercial real-time PCR kits for detection of pandemic (H1N1) 2009 virus in Beijing. Journal of Virological Methods, 2013, 188, 25-28.	2.1	1
95	A cross-sectional study of factors associated with uptake of vaccination against influenza among older residents in the postpandemic season in Beijing, China. BMJ Open, 2013, 3, e003662.	1.9	13
96	Characteristics of Group A<i>Streptococcus</i>Strains Circulating during Scarlet Fever Epidemic, Beijing, China, 2011. Emerging Infectious Diseases, 2013, 19, 909-915.	4.3	44
97	Surveillance for Avian Influenza A(H7N9), Beijing, China, 2013. Emerging Infectious Diseases, 2013, 19, 2041-2043.	4.3	16
98	A Randomized Clinical Trial of Three Options for N95 Respirators and Medical Masks in Health Workers. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 960-966.	5.6	153
99	A Case-Control Study of Risk Factors Associated with Scrub Typhus Infection in Beijing, China. PLoS ONE, 2013, 8, e63668.	2.5	34
100	Factors Associated with Household Transmission of Pandemic (H1N1) 2009 among Self-Quarantined Patients in Beijing, China. PLoS ONE, 2013, 8, e77873.	2.5	10
101	A Serological Survey of Antibodies to H5, H7 and H9 Avian Influenza Viruses amongst the Duck-Related Workers in Beijing, China. PLoS ONE, 2012, 7, e50770.	2.5	33
102	Mask-wearing and respiratory infection in healthcare workers in Beijing, China. Brazilian Journal of Infectious Diseases, 2011, 15, 102-108.	0.6	43
103	Pandemic (H1N1) 2009 among Quarantined Close Contacts, Beijing, People's Republic of China. Emerging Infectious Diseases, 2011, 17, 1824-1830.	4.3	23
104	A cluster randomized clinical trial comparing fit-tested and non-fit-tested N95 respirators to medical masks to prevent respiratory virus infection in health care workers. Influenza and Other Respiratory Viruses, 2011, 5, 170-179.	3.4	213
105	Severe, critical and fatal cases of 2009 H1N1 influenza in China. Journal of Infection, 2010, 61, 277-283.	3.3	44
106	Estimates of the True Number of Cases of Pandemic (H1N1) 2009, Beijing, China. Emerging Infectious Diseases, 2010, 16, 1786-1788.	4.3	24
107	Alternative Epidemic of Different Types of Influenza in 2009–2010 Influenza Season, China. Clinical Infectious Diseases, 2010, 51, 631-632.	5.8	6
108	Factors Associated with Seropositivity of 2009 H1N1 Influenza in Beijing, China. Clinical Infectious Diseases, 2010, 51, 251-252.	5.8	7

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109	Review of an Influenza Surveillance System, Beijing, People's Republic of China. Emerging Infectious Diseases, 2009, 15, 1603-1608.	4.3	53