# Quanyi Wang

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2180214/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 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 | Viral load of SARS-CoV-2 in clinical samples. Lancet Infectious Diseases, The, 2020, 20, 411-412. | 9.1 | 1,385 |
| 2 | Molecular Diagnosis of a Novel Coronavirus (2019-nCoV) Causing an Outbreak of Pneumonia. Clinical Chemistry, 2020, 66, 549-555. | 3.2 | 1,098 |
| 3 | 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 |
| 4 | A cluster randomised trial of cloth masks compared with medical masks in healthcare workers. BMJ Open, 2015, 5, e006577-e006577. | 1.9 | 349 |
| 5 | 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 |
| 6 | 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 |
| 7 | Cold-chain food contamination as the possible origin of COVID-19 resurgence in Beijing. National Science Review, 2020, 7, 1861-1864. | 9.5 | 175 |
| 8 | 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 |
| 9 | 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 |
| 10 | Modeling the viral dynamics of SARS-CoV-2 infection. Mathematical Biosciences, 2020, 328, 108438. | 1.9 | 120 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Do corticosteroids reduce the mortality of influenza A (H1N1) infection? A meta-analysis. Critical Care, 2015, 19, 46. | 5.8 | 66 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Epidemiological Analysis, Detection, and Comparison of Space-Time Patterns of Beijing Hand-Foot-Mouth Disease (2008â€“2012). PLoS ONE, 2014, 9, e92745. | 2.5 | 57 |
| 20 | 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 |
| 21 | Review of an Influenza Surveillance System, Beijing, Peopleâ€™s Republic of China. Emerging Infectious Diseases, 2009, 15, 1603-1608. | 4.3 | 53 |
| 22 | Technical guidelines for the application of seasonal influenza vaccine in China (2014â€“2015). Human Vaccines and Immunotherapeutics, 2015, 11, 2077-2101. | 3.3 | 50 |
| 23 | A fatal yellow fever virus infection in China: description and lessons. Emerging Microbes and Infections, 2016, 5, 1-8. | 6.5 | 49 |
| 24 | 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 |
| 25 | Excretion of enterovirus 71 in persons infected with hand, foot and mouth disease. Virology Journal, 2013, 10, 31. | 3.4 | 47 |
| 26 | Severe, critical and fatal cases of 2009 H1N1 influenza in China. Journal of Infection, 2010, 61, 277-283. | 3.3 | 44 |
| 27 | Characteristics of Group AStreptococcusStrains Circulating during Scarlet Fever Epidemic, Beijing, China, 2011. Emerging Infectious Diseases, 2013, 19, 909-915. | 4.3 | 44 |
| 28 | Mask-wearing and respiratory infection in healthcare workers in Beijing, China. Brazilian Journal of Infectious Diseases, 2011, 15, 102-108. | 0.6 | 43 |
| 29 | 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 |
| 30 | Influenza vaccine effectiveness against medically-attended influenza illness during the 2012â€“2013 season in Beijing, China. Vaccine, 2014, 32, 5285-5289. | 3.8 | 39 |
| 31 | 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 |
| 32 | A Case-Control Study of Risk Factors Associated with Scrub Typhus Infection in Beijing, China. PLoS ONE, 2013, 8, e63668. | 2.5 | 34 |
| 33 | 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 |
| 34 | Use of contact tracing, isolation, and mass testing to control transmission of covid-19 in China. BMJ, The, 2021, 375, n2330. | 6.0 | 34 |
| 35 | 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 |
| 36 | The impact of temperature and humidity measures on influenza A (H7N9) outbreaksâ€”evidence from China. International Journal of Infectious Diseases, 2015, 30, 122-124. | 3.3 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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 |
| 38 | Norovirus outbreaks in Beijing, China, from 2014 to 2017. Journal of Infection, 2019, 79, 159-166. | 3.3 | 31 |
| 39 | Non-pharmaceutical interventions during the roll out of covid-19 vaccines. BMJ, The, 2021, 375, n2314. | 6.0 | 31 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | Adenovirus-associated acute conjunctivitis in Beijing, China, 2011â€“2013. BMC Infectious Diseases, 2018, 18, 135. | 2.9 | 28 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | Estimates of the True Number of Cases of Pandemic (H1N1) 2009, Beijing, China. Emerging Infectious Diseases, 2010, 16, 1786-1788. | 4.3 | 24 |
| 48 | Influenza vaccine effectiveness in preventing hospitalization among Beijing residents in China, 2013â€“15. Vaccine, 2016, 34, 2329-2333. | 3.8 | 24 |
| 49 | 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 |
| 50 | 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 |
| 51 | Pandemic (H1N1) 2009 among Quarantined Close Contacts, Beijing, Peopleâ€™s Republic of China. Emerging Infectious Diseases, 2011, 17, 1824-1830. | 4.3 | 23 |
| 52 | Willingness to accept a future influenza A(H7N9) vaccine in Beijing, China. Vaccine, 2018, 36, 491-497. | 3.8 | 23 |
| 53 | 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 |
| 54 | 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 |

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|---|---|---|---|
| 55 | 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 |
| 56 | Influenza vaccine effectiveness against influenza-associated hospitalization in 2015/16 season, Beijing, China. Vaccine, 2017, 35, 3129-3134. | 3.8 | 19 |
| 57 | 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 |
| 58 | 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 |
| 59 | Surveillance for Avian Influenza A(H7N9), Beijing, China, 2013. Emerging Infectious Diseases, 2013, 19, 2041-2043. | 4.3 | 16 |
| 60 | Hospitalizations for Influenza-Associated Severe Acute Respiratory Infection, Beijing, China, 2014â€“2016. Emerging Infectious Diseases, 2018, 24, 2098-2102. | 4.3 | 16 |
| 61 | 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 |
| 62 | Influenza-associated cardiovascular mortality in older adults in Beijing, China: a population-based time-series study. BMJ Open, 2020, 10, e042487. | 1.9 | 16 |
| 63 | 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 |
| 64 | Detection of yellow fever virus genomes from four imported cases in China. International Journal of Infectious Diseases, 2017, 60, 93-95. | 3.3 | 15 |
| 65 | 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 |
| 66 | Health literacy in Beijing: an assessment of adultsâ€™ knowledge and skills regarding communicable diseases. BMC Public Health, 2015, 15, 799. | 2.9 | 14 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | 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 |
| 74 | 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 |
| 75 | Influenza vaccination in preventing outbreaks in schools: A long-term ecological overview. Vaccine, 2017, 35, 7133-7138. | 3.8 | 12 |
| 76 | 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 |
| 77 | 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 |
| 78 | Detecting spatial-temporal cluster of hand foot and mouth disease in Beijing, China, 2009-2014. BMC Infectious Diseases, 2016, 16, 206. | 2.9 | 11 |
| 79 | Estimated burden of group a streptococcal pharyngitis among children in Beijing, China. BMC Infectious Diseases, 2016, 16, 452. | 2.9 | 11 |
| 80 | 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 |
| 81 | Factors Associated with Household Transmission of Pandemic (H1N1) 2009 among Self-Quarantined Patients in Beijing, China. PLoS ONE, 2013, 8, e77873. | 2.5 | 10 |
| 82 | 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 |
| 83 | Behavioural factors associated with diarrhea among adults over 18 years of age in Beijing, China. BMC Public Health, 2014, 14, 451. | 2.9 | 9 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | Factors Associated with Seropositivity of 2009 H1N1 Influenza in Beijing, China. Clinical Infectious Diseases, 2010, 51, 251-252. | 5.8 | 7 |
| 89 | A case of avian influenza A (H7N9) virus occurring in the summer season, China. Journal of Infection, 2013, 67, 624-625. | 3.3 | 7 |
| 90 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | 8-year M type surveillance of Streptococcus pyogenes in China. Lancet Infectious Diseases, The, 2020, 20, 24-25. | 9.1 | 7 |
| 92 | Alternative Epidemic of Different Types of Influenza in 2009â€“2010 Influenza Season, China. Clinical Infectious Diseases, 2010, 51, 631-632. | 5.8 | 6 |
| 93 | 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 |
| 94 | 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 |
| 95 | 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 |
| 96 | 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 |
| 97 | 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 |
| 98 | 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 |
| 99 | The effectiveness of influenza vaccination in preventing hospitalizations in elderly in Beijing, 2016â€“18. Vaccine, 2019, 37, 1853-1858. | 3.8 | 4 |
| 100 | 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 |
| 101 | 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 |
| 102 | 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 |
| 103 | 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 |
| 104 | Factors Associated with SARS-CoV-2 Repeat Positivity â€” Beijing, China, Juneâ€“September 2020. China CDC Weekly, 2022, 4, 88-95. | 2.3 | 3 |
| 105 | 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 |
| 106 | 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 |
| 107 | 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 |
| 108 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Adaptively temporal graph convolution model for epidemic prediction of multiple age groups. Fundamental Research, 2022, 2, 311-320. | 3.3 | 1 |