

Mingwang Shen

List of Publications by Year in descending order

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42
papers

952
citations

516710

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501196

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43
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times ranked

1172
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The role of institutional trust in preventive practices and treatment-seeking intention during the coronavirus disease 2019 outbreak among residents in Hubei, China. <i>International Health</i> , 2022, 14, 161-169. | 2.0 | 11 |
| 2 | Critical timing and extent of public health interventions to control outbreaks dominated by SARS-CoV-2 variants in Australia: a mathematical modelling study. <i>International Journal of Infectious Diseases</i> , 2022, 115, 154-165. | 3.3 | 11 |
| 3 | Prediction of occult tumor progression via platelet RNAs in a mouse melanoma model: a potential new platform for early detection of cancer. <i>Journal of Translational Medicine</i> , 2022, 20, 71. | 4.4 | 1 |
| 4 | COVID-19 epidemic in New York City: development of an age group-specific mathematical model to predict the outcome of various vaccination strategies. <i>Virology Journal</i> , 2022, 19, 43. | 3.4 | 5 |
| 5 | Cost-effectiveness analysis of BNT162b2 COVID-19 booster vaccination in the United States. <i>International Journal of Infectious Diseases</i> , 2022, 119, 87-94. | 3.3 | 35 |
| 6 | Antiviral Efficacy of Molnupiravir for COVID-19 Treatment. <i>Viruses</i> , 2022, 14, 763. | 3.3 | 8 |
| 7 | Feasibility of gonorrhoea vaccination among men who have sex with men in England. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 921-923. | 9.1 | 1 |
| 8 | Cost-effectiveness of oral pre-exposure prophylaxis and expanded antiretroviral therapy for preventing HIV infections in the presence of drug resistance among men who have sex with men in China: A mathematical modelling study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 23, 100462. | 2.9 | 8 |
| 9 | Evaluating the independent influence of sexual transmission on HBV infection in China: a modeling study. <i>BMC Public Health</i> , 2021, 21, 388. | 2.9 | 9 |
| 10 | Elevated glucose level leads to rapid COVID-19 progression and high fatality. <i>BMC Pulmonary Medicine</i> , 2021, 21, 64. | 2.0 | 31 |
| 11 | Inferencing superspreading potential using zero-truncated negative binomial model: exemplification with COVID-19. <i>BMC Medical Research Methodology</i> , 2021, 21, 30. | 3.1 | 23 |
| 12 | Effects of New York's Executive Order on Face Mask Use on COVID-19 Infections and Mortality: A Modeling Study. <i>Journal of Urban Health</i> , 2021, 98, 197-204. | 3.6 | 15 |
| 13 | Projected COVID-19 epidemic in the United States in the context of the effectiveness of a potential vaccine and implications for social distancing and face mask use. <i>Vaccine</i> , 2021, 39, 2295-2302. | 3.8 | 72 |
| 14 | Dynamics of a new HIV model with the activation status of infected cells. <i>Journal of Mathematical Biology</i> , 2021, 82, 51. | 1.9 | 3 |
| 15 | Evaluation of work resumption strategies after COVID-19 reopening in the Chinese city of Shenzhen: a mathematical modeling study. <i>Public Health</i> , 2021, 193, 17-22. | 2.9 | 12 |
| 16 | Mass testing—An underexplored strategy for COVID-19 control. <i>Innovation(China)</i> , 2021, 2, 100114. | 9.1 | 16 |
| 17 | How to Reduce the Transmission Risk of COVID-19 More Effectively in New York City: An Age-Structured Model Study. <i>Frontiers in Medicine</i> , 2021, 8, 641205. | 2.6 | 5 |
| 18 | Estimated Cost-effectiveness of Endoscopic Screening for Upper Gastrointestinal Tract Cancer in High-Risk Areas in China. <i>JAMA Network Open</i> , 2021, 4, e2121403. | 5.9 | 30 |

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|----|---|-----|-----------|
| 19 | 506Mathematical modelling of the transmission of Neisseria gonorrhoeae in men who have sex with men. International Journal of Epidemiology, 2021, 50, . | 1.9 | 0 |
| 20 | Investigating the Relationship between Reopening the Economy and Implementing Control Measures during the COVID-19 Pandemic. Public Health, 2021, 200, 15-21. | 2.9 | 10 |
| 21 | Potential effect of antiseptic mouthwash on the incidence of Neisseria gonorrhoeae among men who have sex with men: a mathematical modelling study. BMJ Open, 2021, 11, e052823. | 1.9 | 1 |
| 22 | Modelling the impact of universal influenza vaccines on seasonal influenza with different subtypes. Epidemiology and Infection, 2021, 149, . | 2.1 | 0 |
| 23 | Evaluating the Impact of SARS-CoV-2 Variants on the COVID-19 Epidemic and Social Restoration in the United States: A Mathematical Modelling Study. Frontiers in Public Health, 2021, 9, 801763. | 2.7 | 9 |
| 24 | The long-term population impact of endoscopic screening programmes on disease burdens of gastric cancer in China: A mathematical modelling study. Journal of Theoretical Biology, 2020, 484, 109996. | 1.7 | 5 |
| 25 | Can self-imposed prevention measures mitigate the COVID-19 epidemic?. PLoS Medicine, 2020, 17, e1003240. | 8.4 | 28 |
| 26 | Trends in the incidence of diabetes mellitus: results from the Global Burden of Disease Study 2017 and implications for diabetes mellitus prevention. BMC Public Health, 2020, 20, 1415. | 2.9 | 142 |
| 27 | Modeling the Epidemic Trend of the 2019 Novel Coronavirus Outbreak in China. Innovation(China), 2020, 1, 100048. | 9.1 | 92 |
| 28 | Assessing the effects of metropolitan-wide quarantine on the spread of COVID-19 in public space and households. International Journal of Infectious Diseases, 2020, 96, 503-505. | 3.3 | 82 |
| 29 | Declining trend in HIV new infections in Guangxi, China: insights from linking reported HIV/AIDS cases with CD4-at-diagnosis data. BMC Public Health, 2020, 20, 919. | 2.9 | 12 |
| 30 | Early characteristics of the COVID-19 outbreak predict the subsequent epidemic scope. International Journal of Infectious Diseases, 2020, 97, 219-224. | 3.3 | 13 |
| 31 | Estimation of the impact of changing drug-use trend on HIV, hepatitis C and syphilis epidemics among people who use synthetic drug-only, polydrug and heroin-only during 2005â€”2035 in China: modelling study. Sexually Transmitted Infections, 2020, 96, 608-614. | 1.9 | 7 |
| 32 | Predicting postmortem interval based on microbial community sequences and machine learning algorithms. Environmental Microbiology, 2020, 22, 2273-2291. | 3.8 | 39 |
| 33 | What Is Required to Prevent a Second Major Outbreak of SARS-CoV-2 upon Lifting Quarantine in Wuhan City, China. Innovation(China), 2020, 1, 100006. | 9.1 | 32 |
| 34 | Targeted hepatitis E vaccination for women of childbearing age is cost-effective in China. Vaccine, 2019, 37, 5868-5876. | 3.8 | 10 |
| 35 | Conflict and accord of optimal treatment strategies for HIV infection within and between hosts. Mathematical Biosciences, 2019, 309, 107-117. | 1.9 | 17 |
| 36 | Global dynamics and cost-effectiveness analysis of HIV pre-exposure prophylaxis and structured treatment interruptions based on a multi-scale model. Applied Mathematical Modelling, 2019, 75, 162-200. | 4.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The cost-effectiveness of oral HIV pre-exposure prophylaxis and early antiretroviral therapy in the presence of drug resistance among men who have sex with men in San Francisco. <i>BMC Medicine</i> , 2018, 16, 58. | 5.5 | 25 |
| 38 | Early antiretroviral therapy and potent second-line drugs could decrease HIV incidence of drug resistance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170525. | 2.6 | 10 |
| 39 | Global Stability of a Multi-group SVEIR Epidemiological Model with the Vaccination Age and Infection Age. <i>Acta Applicandae Mathematicae</i> , 2016, 144, 137-157. | 1.0 | 16 |
| 40 | Modeling the effect of comprehensive interventions on Ebola virus transmission. <i>Scientific Reports</i> , 2015, 5, 15818. | 3.3 | 32 |
| 41 | Global Dynamics and Applications of an Epidemiological Model for Hepatitis C Virus Transmission in China. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-13. | 0.9 | 9 |
| 42 | Global stability of an infection-age structured HIV-1 model linking within-host and between-host dynamics. <i>Mathematical Biosciences</i> , 2015, 263, 37-50. | 1.9 | 55 |