Tian-Mu Chen

List of Publications by Year
in descending order

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68 papers	1,586 citations	567144 15 h-index	377752 34 g-index
96 all docs	96 docs citations	96 times ranked	1784 citing authors

#	Article	IF	Citations
1	A mathematical model for simulating the phase-based transmissibility of a novel coronavirus. Infectious Diseases of Poverty, 2020, 9, 24.	1.5	622
2	COVID-19: Time to exonerate the pangolin from the transmission of SARS-CoV-2 to humans. Infection, Genetics and Evolution, 2020, 84, 104493.	1.0	78
3	Transmission of SARS-CoV-2 in Public Transportation Vehicles: A Case Study in Hunan Province, China. Open Forum Infectious Diseases, 2020, 7, ofaa430.	0.4	72
4	Risk of imported Ebola virus disease in China. Travel Medicine and Infectious Disease, 2014, 12, 650-658.	1.5	60
5	Investigation of Key Interventions for Shigellosis Outbreak Control in China. PLoS ONE, 2014, 9, e95006.	1.1	47
6	A five-compartment model of age-specific transmissibility of SARS-CoV-2. Infectious Diseases of Poverty, 2020, 9, 117.	1.5	46
7	Clinical, epidemiological and virological characteristics of the first detected human case of avian influenza A(H5N6) virus. Infection, Genetics and Evolution, 2016, 40, 236-242.	1.0	40
8	Estimating the transmissibility of hand, foot, and mouth disease by a dynamic model. Public Health, 2019, 174, 42-48.	1.4	26
9	Evidence-Based interventions of Norovirus outbreaks in China. BMC Public Health, 2016, 16, 1072.	1.2	25
10	Seasonality of the transmissibility of hand, foot and mouth disease: a modelling study in Xiamen City, China. Epidemiology and Infection, 2019, 147, e327.	1.0	24
11	Incidence dynamics and investigation of key interventions in a dengue outbreak in Ningbo City, China. PLoS Neglected Tropical Diseases, 2019, 13, e0007659.	1.3	23
12	Transmissibility of acute haemorrhagic conjunctivitis in small-scale outbreaks in Hunan Province, China. Scientific Reports, 2020, 10, 119.	1.6	23
13	Symptoms seem to be mild in children infected with avian influenza A (H5N6) and other subtypes. Journal of Infection, 2015, 71, 702-703.	1.7	22
14	The Effectiveness of Age-Specific Isolation Policies on Epidemics of Influenza A (H1N1) in a Large City in Central South China. PLoS ONE, 2015, 10, e0132588.	1.1	22
15	Global dynamics of an epidemiological model with acute and chronic HCV infections. Applied Mathematics Letters, 2020, 103, 106203.	1.5	21
16	Evaluating the effects of common control measures for influenza A (H1N1) outbreak at school in China: A modeling study. PLoS ONE, 2017, 12, e0177672.	1.1	19
17	Receptivity to malaria in the Chinaâ€“Myanmar border in Yingjiang County, Yunnan Province, China. Malaria Journal, 2017, 16, 478.	0.8	19
18	Simulation of key interventions for seasonal influenza outbreak control at school in Changsha, China. Journal of International Medical Research, 2020, 48, 030006051876426.	0.4	16

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19	Containing the Transmission of COVID-19: A Modeling Study in 160 Countries. Frontiers in Medicine, 2021, 8, 701836.	1.2	14
20	Effectiveness of potential antiviral treatments in COVID-19 transmission control: a modelling study. Infectious Diseases of Poverty, 2021, 10, 53.	1.5	13
21	The optimal vaccination strategy to control COVID-19: a modeling study in Wuhan City, China. Infectious Diseases of Poverty, 2021, 10, 140.	1.5	13
22	Transmissibility of the Influenza Virus during Influenza Outbreaks and Related Asymptomatic Infection in Mainland China, 2005-2013. PLoS ONE, 2016, 11, e0166180.	1.1	12
23	Epidemiology of tsutsugamushi disease and its relationship with meteorological factors in Xiamen city, China. PLoS Neglected Tropical Diseases, 2020, 14, e0008772.	1.3	11
24	Relative transmissibility of hand, foot and mouth disease from male to female individuals. Epidemiology and Infection, 2019, 147, e284.	1.0	10
25	Epidemiological characteristics and transmissibility of shigellosis in Hubei Province, China, 2005 â€“ 2017. BMC Infectious Diseases, 2020, 20, 272.	1.3	10
26	Dengue fever transmission between a construction site and its surrounding communities in China. Parasites and Vectors, 2021, 14, 22.	1.0	10
27	Meteorological Factors and the Transmissibility of Hand, Foot, and Mouth Disease in Xiamen City, China. Frontiers in Medicine, 2020, 7, 597375.	1.2	10
28	Early warning of hand, foot, and mouth disease transmission: A modeling study in mainland, China. PLoS Neglected Tropical Diseases, 2021, 15, e0009233.	1.3	10
29	Evaluating the effectiveness of measures to control the novel coronavirus disease 2019 in Jilin Province, China. BMC Infectious Diseases, 2021, 21, 245.	1.3	10
30	Effectiveness of Interventions to Control Transmission of Reemergent Cases of COVID-19 â€” Jilin Province, China, 2020. China CDC Weekly, 2020, 2, 651-654.	1.0	10
31	Relative transmissibility of shigellosis among male and female individuals: a modeling study in Hubei Province, China. Infectious Diseases of Poverty, 2020, 9, 39.	1.5	9
32	Outbreak detection and evaluation of a school-based influenza-like-illness syndromic surveillance in Tianjin, China. PLoS ONE, 2017, 12, e0184527.	1.1	8
33	Interaction analysis on transmissibility of main pathogens of hand, foot, and mouth disease. Medicine (United States), 2020, 99, e19286.	0.4	8
34	Control measures during the COVID-19 outbreak reduced the transmission of hand, foot, and mouth disease. Journal of Safety Science and Resilience, 2021, 2, 63-68.	1.3	8
35	Clinical and epidemiological characteristics of a young child infected with avian influenza A (H9N2) virus in China. Journal of International Medical Research, 2018, 46, 3462-3467.	0.4	7
36	Impact of interventions on the incidence of natural focal diseases during the outbreak of COVID-19 in Jiangsu Province, China. Parasites and Vectors, 2021, 14, 483.	1.0	7

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37	Modelling the Emerging COVID-19 Epidemic and Estimating Intervention Effectiveness â€" Taiwan, China, 2021. China CDC Weekly, 2021, 3, 716-719.	1.0	7
38	Model-Based Evaluation of Transmissibility and Intervention Measures for a COVID-19 Outbreak in Xiamen City, China. Frontiers in Public Health, 0, 10, .	1.3	7
39	Hand, foot, and mouth disease in Changsha City, China, 2009â€"2017: a new method to analyse the epidemiological characteristics of the disease. Infectious Diseases, 2020, 52, 39-44.	1.4	6
40	Modelling the transmission dynamics of severe fever with thrombocytopenia syndrome in Jiangsu Province, China. Parasites and Vectors, 2021, 14, 237.	1.0	6
41	The transmission dynamics of Middle East Respiratory Syndrome coronavirus. Travel Medicine and Infectious Disease, 2022, 45, 102243.	1.5	6
42	An Easy-to-Use Public Health-Driven Method (the Generalized Logistic Differential Equation Model) Accurately Simulated COVID-19 Epidemic in Wuhan and Correctly Determined the Early Warning Time. Frontiers in Public Health, 2022, 10, 813860.	1.3	6
43	Development and evaluation of a real-time RT-PCR assay for detection of a novel avian influenza A (H5N6) virus. Journal of Virological Methods, 2018, 257, 79-84.	1.0	5
44	A persistent outbreak of varicella in a primary school in Dongguan City, Guangdong Province, China. Journal of International Medical Research, 2020, 48, 030006051988784.	0.4	5
45	The epidemiological characteristics and effectiveness of countermeasures to contain coronavirus disease 2019 in Ningbo City, Zhejiang Province, China. Scientific Reports, 2021, 11, 9545.	1.6	5
46	Live poultry feeding and trading network and the transmission of avian influenza A(H5N6) virus in a large city in China, 2014â€"2015. International Journal of Infectious Diseases, 2021, 108, 72-80.	1.5	5
47	The transmissibility of hepatitis C virus: a modelling study in Xiamen City, China. Epidemiology and Infection, 2020, 148, e291.	1.0	5
48	The Optimal Vaccination Strategy to Control COVID-19: A Modeling Study Based on the Transmission Scenario in Wuhan City, China. SSRN Electronic Journal, 0, , .	0.4	5
49	Feasibility of Booster Vaccination in High-Risk Populations for Controlling Coronavirus Variants â€" China, 2021. China CDC Weekly, 2021, 3, 1071-1074.	1.0	5
50	Letter to the editor in response to â€˜Seasonality of the transmissibility of hand, foot and mouth disease: a modelling study in Xiamen City, Chinaâ€™. Epidemiology and Infection, 2020, 148, e61.	1.0	4
51	Transmissibility of hand, foot, and mouth disease in 97 counties of China. Scientific Reports, 2022, 12, 4103.	1.6	4
52	Meteorological factors and tick density affect the dynamics of SFTS in jiangsu province, China. PLoS Neglected Tropical Diseases, 2022, 16, e0010432.	1.3	4
53	Computing R0 of dynamic models by a definition-based method. Infectious Disease Modelling, 2022, 7, 196-210.	1.2	4
54	Assessing the Impacts of Meteorological Factors on COVID-19 Pandemic Using Generalized Estimating Equations. Frontiers in Public Health, 0, 10, .	1.3	4

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55	Detecting influenza and emerging avian influenza virus by influenza and pneumonia surveillance systems in a large city in China, 2005 to 2016. BMC Infectious Diseases, 2019, 19, 825.	1.3	3
56	Feasibility of containing shigellosis in Hubei Province, China: a modelling study. BMC Infectious Diseases, 2020, 20, 643.	1.3	3
57	Relative transmissibility of shigellosis among different age groups: A modeling study in Hubei Province, China. PLoS Neglected Tropical Diseases, 2021, 15, e0009501.	1.3	3
58	Epidemiological Characteristics and Transmissibility for SARS-CoV-2 of Population Level and Cluster Level in a Chinese City. Frontiers in Public Health, 2021, 9, 799536.	1.3	3
59	Investigation and analysis on an outbreak of norovirus infection in a health school in Guangdong Province, China. Infection, Genetics and Evolution, 2021, 96, 105135.	1.0	3
60	Protective equipment and health education program could benefit students from dust pollution. Air Quality, Atmosphere and Health, 2021, 14, 371-380.	1.5	2
61	Transmission pattern of shigellosis in Wuhan City, China: a modelling study. Epidemiology and Infection, 0, , 1-30.	1.0	2
62	Public health concerns regarding sporadic Creutzfeldtâ€“Jakob disease in China: a case series. Journal of International Medical Research, 2019, 47, 3972-3977.	0.4	1
63	Feasibility of controlling hepatitis E in Jiangsu Province, China: a modelling study. Infectious Diseases of Poverty, 2021, 10, 91.	1.5	1
64	Hepatitis E in 24 Chinese Cities, 2008â€“2018: A New Analysis Method for the Disease's Occupational Characteristics. Frontiers in Public Health, 2021, 9, 720953.	1.3	1
65	Analysis of HFMD Transmissibility Among the Whole Population and Age Groups in a Large City of China. Frontiers in Public Health, 2022, 10, 850369.	1.3	1
66	Estimating the transmissibility of hepatitis C: A modelling study in Yichang City, China. Journal of Viral Hepatitis, 2021, 28, 1464-1473.	1.0	0
67	Correlation between mumps and meteorological factors in Xiamen City, China: A modelling study. Infectious Disease Modelling, 2022, 7, 127-137.	1.2	0
68	Shigellosis seasonality and transmission characteristics in different areas of China: A modelling study. Infectious Disease Modelling, 2022, 7, 161-178.	1.2	0