

Daihai He

List of Publications by Year in descending order

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Version: 2024-02-01

174
papers

7,771
citations

101384

36
h-index

71532

76
g-index

209
all docs

209
docs citations

209
times ranked

9393
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary estimation of the basic reproduction number of novel coronavirus (2019-nCoV) in China, from 2019 to 2020: A data-driven analysis in the early phase of the outbreak. <i>International Journal of Infectious Diseases</i> , 2020, 92, 214-217.	1.5	1,428
2	A conceptual model for the coronavirus disease 2019 (COVID-19) outbreak in Wuhan, China with individual reaction and governmental action. <i>International Journal of Infectious Diseases</i> , 2020, 93, 211-216.	1.5	859
3	Estimating the Unreported Number of Novel Coronavirus (2019-nCoV) Cases in China in the First Half of January 2020: A Data-Driven Modelling Analysis of the Early Outbreak. <i>Journal of Clinical Medicine</i> , 2020, 9, 388.	1.0	378
4	Prevention and Control of Zika as a Mosquito-Borne and Sexually Transmitted Disease: A Mathematical Modeling Analysis. <i>Scientific Reports</i> , 2016, 6, 28070.	1.6	250
5	Plug-and-play inference for disease dynamics: measles in large and small populations as a case study. <i>Journal of the Royal Society Interface</i> , 2010, 7, 271-283.	1.5	222
6	The relative transmissibility of asymptomatic COVID-19 infections among close contacts. <i>International Journal of Infectious Diseases</i> , 2020, 94, 145-147.	1.5	199
7	Effects of School Closure on Incidence of Pandemic Influenza in Alberta, Canada. <i>Annals of Internal Medicine</i> , 2012, 156, 173.	2.0	166
8	The Disease Severity and Clinical Outcomes of the SARS-CoV-2 Variants of Concern. <i>Frontiers in Public Health</i> , 2021, 9, 775224.	1.3	156
9	Time series analysis via mechanistic models. <i>Annals of Applied Statistics</i> , 2009, 3, .	0.5	144
10	Decreased Case Fatality Rate of COVID-19 in the Second Wave: A study in 53 countries or regions. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 213-215.	1.3	136
11	Early estimation of the case fatality rate of COVID-19 in mainland China: a data-driven analysis. <i>Annals of Translational Medicine</i> , 2020, 8, 128-128.	0.7	135
12	The association between domestic train transportation and novel coronavirus (2019-nCoV) outbreak in China from 2019 to 2020: A data-driven correlational report. <i>Travel Medicine and Infectious Disease</i> , 2020, 33, 101568.	1.5	132
13	Inferring the causes of the three waves of the 1918 influenza pandemic in England and Wales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131345.	1.2	109
14	Blood pressure control and adverse outcomes of COVID-19 infection in patients with concomitant hypertension in Wuhan, China. <i>Hypertension Research</i> , 2020, 43, 1267-1276.	1.5	91
15	Pattern formation of spiral waves in an inhomogeneous medium with small-world connections. <i>Physical Review E</i> , 2002, 65, 055204.	0.8	84
16	Mathematical modeling of COVID-19 epidemic with effect of awareness programs. <i>Infectious Disease Modelling</i> , 2021, 6, 448-460.	1.2	83
17	Modelling the large-scale yellow fever outbreak in Luanda, Angola, and the impact of vaccination. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006158.	1.3	83
18	Estimation of exponential growth rate and basic reproduction number of the coronavirus disease 2019 (COVID-19) in Africa. <i>Infectious Diseases of Poverty</i> , 2020, 9, 96.	1.5	79

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19	Preliminary estimates of the reproduction number of the coronavirus disease (COVID-19) outbreak in Republic of Korea and Italy by 5 March 2020. <i>International Journal of Infectious Diseases</i> , 2020, 95, 308-310.	1.5	77
20	Preliminary estimation of the novel coronavirus disease (COVID-19) cases in Iran: A modelling analysis based on overseas cases and air travel data. <i>International Journal of Infectious Diseases</i> , 2020, 94, 29-31.	1.5	72
21	Quantifying the association between domestic travel and the exportation of novel coronavirus (2019-nCoV) cases from Wuhan, China in 2020: a correlational analysis. <i>Journal of Travel Medicine</i> , 2020, 27, .	1.4	71
22	Noise-induced synchronization in realistic models. <i>Physical Review E</i> , 2003, 67, 027201.	0.8	70
23	Imitation dynamics in the mitigation of the novel coronavirus disease (COVID-19) outbreak in Wuhan, China from 2019 to 2020. <i>Annals of Translational Medicine</i> , 2020, 8, 448-448.	0.7	60
24	Spatio-temporal synchronization of recurrent epidemics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1519-1526.	1.2	55
25	Global Spatio-temporal Patterns of Influenza in the Post-pandemic Era. <i>Scientific Reports</i> , 2015, 5, 11013.	1.6	55
26	Modeling the spread of Middle East respiratory syndrome coronavirus in Saudi Arabia. <i>Statistical Methods in Medical Research</i> , 2018, 27, 1968-1978.	0.7	55
27	Estimating the generation interval and inferring the latent period of COVID-19 from the contact tracing data. <i>Epidemics</i> , 2021, 36, 100482.	1.5	55
28	Estimating the Serial Interval of the Novel Coronavirus Disease (COVID-19): A Statistical Analysis Using the Public Data in Hong Kong From January 16 to February 15, 2020. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	53
29	COVID-19 and gender-specific difference: Analysis of public surveillance data in Hong Kong and Shenzhen, China, from January 10 to February 15, 2020. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 750-751.	1.0	53
30	Ambient ozone and influenza transmissibility in Hong Kong. <i>European Respiratory Journal</i> , 2018, 51, 1800369.	3.1	50
31	Epidemiological effects of seasonal oscillations in birth rates. <i>Theoretical Population Biology</i> , 2007, 72, 274-291.	0.5	46
32	Mechanistic modelling of the large-scale Lassa fever epidemics in Nigeria from 2016 to 2019. <i>Journal of Theoretical Biology</i> , 2020, 493, 110209.	0.8	44
33	Serial interval in determining the estimation of reproduction number of the novel coronavirus disease (COVID-19) during the early outbreak. <i>Journal of Travel Medicine</i> , 2020, 27, .	1.4	43
34	Simple framework for real-time forecast in a data-limited situation: the Zika virus (ZIKV) outbreaks in Brazil from 2015 to 2016 as an example. <i>Parasites and Vectors</i> , 2019, 12, 344.	1.0	42
35	Mechanistic modelling of the three waves of the 1918 influenza pandemic. <i>Theoretical Ecology</i> , 2011, 4, 283-288.	0.4	41
36	Modelling diapause in mosquito population growth. <i>Journal of Mathematical Biology</i> , 2019, 78, 2259-2288.	0.8	40

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37	Reduction in the infection fatality rate of Omicron variant compared with previous variants in South Africa. <i>International Journal of Infectious Diseases</i> , 2022, 120, 146-149.	1.5	39
38	Chaotic oscillations and cycles in multi-trophic ecological systems. <i>Journal of Theoretical Biology</i> , 2007, 248, 382-390.	0.8	38
39	Comparing COVID-19 and the 1918 influenza pandemics in the United Kingdom. <i>International Journal of Infectious Diseases</i> , 2020, 98, 67-70.	1.5	38
40	Multiple COVID-19 Waves and Vaccination Effectiveness in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2282.	1.2	36
41	Four-tier response system and spatial propagation of COVID-19 in China by a network model. <i>Mathematical Biosciences</i> , 2020, 330, 108484.	0.9	35
42	Vertical Transmission of SARS-CoV-2: A Systematic Review of Systematic Reviews. <i>Viruses</i> , 2021, 13, 1877.	1.5	35
43	Unexpected positive correlation between human development index and risk of infections and deaths of COVID-19 in Italy. <i>One Health</i> , 2020, 10, 100174.	1.5	34
44	A re-analysis in exploring the association between temperature and COVID-19 transmissibility: an ecological study with 154 Chinese cities. <i>European Respiratory Journal</i> , 2020, 56, 2001253.	3.1	34
45	Patterns of spread of influenza A in Canada. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131174.	1.2	32
46	Large-scale Lassa fever outbreaks in Nigeria: quantifying the association between disease reproduction number and local rainfall. <i>Epidemiology and Infection</i> , 2020, 148, e4.	1.0	32
47	Influenza seasonality and its environmental driving factors in mainland China and Hong Kong. <i>Science of the Total Environment</i> , 2022, 818, 151724.	3.9	32
48	Impact of the 2009 H1N1 Pandemic on Age-Specific Epidemic Curves of Other Respiratory Viruses: A Comparison of Pre-Pandemic, Pandemic and Post-Pandemic Periods in a Subtropical City. <i>PLoS ONE</i> , 2015, 10, e0125447.	1.1	31
49	A comparison study of Zika virus outbreaks in French Polynesia, Colombia and the State of Bahia in Brazil. <i>Scientific Reports</i> , 2017, 7, 273.	1.6	31
50	A mathematical model to study the 2014–2015 large-scale dengue epidemics in Kaohsiung and Tainan cities in Taiwan, China. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 3841-3863.	1.0	31
51	Effects of reactive social distancing on the 1918 influenza pandemic. <i>PLoS ONE</i> , 2017, 12, e0180545.	1.1	30
52	Modeling the 2016–2017 Yemen cholera outbreak with the impact of limited medical resources. <i>Journal of Theoretical Biology</i> , 2018, 451, 80-85.	0.8	30
53	Modelling the effective reproduction number of vector-borne diseases: the yellow fever outbreak in Luanda, Angola 2015–2016 as an example. <i>PeerJ</i> , 2020, 8, e8601.	0.9	30
54	Estimating the serial interval of the novel coronavirus disease (COVID-19) based on the public surveillance data in Shenzhen, China, from 19 January to 22 February 2020. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2818-2822.	1.3	29

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55	Reinfection or Reactivation of Severe Acute Respiratory Syndrome Coronavirus 2: A Systematic Review. <i>Frontiers in Public Health</i> , 2021, 9, 663045.	1.3	29
56	Ratio of asymptomatic COVID-19 cases among ascertained SARS-CoV-2 infections in different regions and population groups in 2020: a systematic review and meta-analysis including 130 123 infections from 241 studies. <i>BMJ Open</i> , 2021, 11, e049752.	0.8	29
57	The ambient ozone and COVID-19 transmissibility in China: A data-driven ecological study of 154 cities. <i>Journal of Infection</i> , 2020, 81, e9-e11.	1.7	27
58	Modelling the skip-and-resurgence of Japanese encephalitis epidemics in Hong Kong. <i>Journal of Theoretical Biology</i> , 2018, 454, 1-10.	0.8	26
59	Modelling the effects of the contaminated environments on tuberculosis in Jiangsu, China. <i>Journal of Theoretical Biology</i> , 2021, 508, 110453.	0.8	26
60	News trends and web search query of HIV/AIDS in Hong Kong. <i>PLoS ONE</i> , 2017, 12, e0185004.	1.1	26
61	Infection fatality ratio and case fatality ratio of COVID-19. <i>International Journal of Infectious Diseases</i> , 2021, 113, 43-46.	1.5	25
62	Patterns of influenza vaccination coverage in the United States from 2009 to 2015. <i>International Journal of Infectious Diseases</i> , 2017, 65, 122-127.	1.5	24
63	Strategic decision making about travel during disease outbreaks: a game theoretical approach. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180515.	1.5	24
64	The basic reproduction number of novel coronavirus (2019-nCoV) estimation based on exponential growth in the early outbreak in China from 2019 to 2020: A reply to Dhungana. <i>International Journal of Infectious Diseases</i> , 2020, 94, 148-150.	1.5	24
65	The shortage of hospital beds for COVID-19 and non-COVID-19 patients during the lockdown of Wuhan, China. <i>Annals of Translational Medicine</i> , 2021, 9, 200-200.	0.7	24
66	Positive RT-PCR tests among discharged COVID-19 patients in Shenzhen, China. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 1110-1112.	1.0	23
67	Inferencing superspreading potential using zero-truncated negative binomial model: exemplification with COVID-19. <i>BMC Medical Research Methodology</i> , 2021, 21, 30.	1.4	23
68	Generalized Splay State in Coupled Chaotic Oscillators Induced by Weak Mutual Resonant Interactions. <i>Physical Review Letters</i> , 2001, 86, 1510-1513.	2.9	22
69	Age-specific epidemic waves of influenza and respiratory syncytial virus in a subtropical city. <i>Scientific Reports</i> , 2015, 5, 10390.	1.6	21
70	Low dispersion in the infectiousness of COVID-19 cases implies difficulty in control. <i>BMC Public Health</i> , 2020, 20, 1558.	1.2	21
71	Effect of ambient air pollution on tuberculosis risks and mortality in Shandong, China: a multi-city modeling study of the short- and long-term effects of pollutants. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27757-27768.	2.7	21
72	Using Proper Mean Generation Intervals in Modeling of COVID-19. <i>Frontiers in Public Health</i> , 2021, 9, 691262.	1.3	20

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73	Impact of low vaccine coverage on the resurgence of COVID-19 in Central and Eastern Europe. <i>One Health</i> , 2022, 14, 100402.	1.5	20
74	Periodic states with functional phase relation in weakly coupled chaotic Hindmarsh-Rose neurons. <i>Physica D: Nonlinear Phenomena</i> , 2001, 156, 314-324.	1.3	19
75	Obesity and COVID-19 in Adult Patients With Diabetes. <i>Diabetes</i> , 2021, 70, 1061-1069.	0.3	19
76	Transmission dynamics of SARS-CoV-2: A modeling analysis with high-and-moderate risk populations. <i>Results in Physics</i> , 2021, 26, 104290.	2.0	19
77	Seasonality of Influenza A(H7N9) Virus in China—Fitting Simple Epidemic Models to Human Cases. <i>PLoS ONE</i> , 2016, 11, e0151333.	1.1	19
78	Forecast of the COVID-19 trend in India: A simple modelling approach. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 9775-9786.	1.0	19
79	Generalized synchronization induced by noise and parameter mismatching in Hindmarsh-Rose neurons. <i>Chaos, Solitons and Fractals</i> , 2005, 23, 1605-1611.	2.5	18
80	The Heterogeneous Severity of COVID-19 in African Countries: A Modeling Approach. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 32.	0.9	18
81	The Second Wave of COVID-19 in South and Southeast Asia and the Effects of Vaccination. <i>Frontiers in Medicine</i> , 2021, 8, 773110.	1.2	18
82	New estimates of the Zika virus epidemic attack rate in Northeastern Brazil from 2015 to 2016: A modelling analysis based on Guillain-Barré Syndrome (GBS) surveillance data. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007502.	1.3	16
83	HIV epidemics in Shenzhen and Chongqing, China. <i>PLoS ONE</i> , 2018, 13, e0192849.	1.1	16
84	Real-time estimation of the reproduction number of the novel coronavirus disease (COVID-19) in China in 2020 based on incidence data. <i>Annals of Translational Medicine</i> , 2020, 8, 689-689.	0.7	15
85	Epidemic Growth and Reproduction Number for the Novel Coronavirus Disease (COVID-19) Outbreak on the Diamond Princess Cruise Ship from January 20 to February 19, 2020: A preliminary Data-Driven Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	15
86	Detecting generalized synchrony: An improved approach. <i>Physical Review E</i> , 2003, 67, 026223.	0.8	14
87	The long-term changing dynamics of dengue infectivity in Guangdong, China, from 2008 to 2018: a modelling analysis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2020, 114, 62-71.	0.7	14
88	Estimation of COVID-19 under-ascertainment in Kano, Nigeria during the early phase of the epidemics. <i>AJ - Alexandria Engineering Journal</i> , 2021, 60, 4547-4554.	3.4	14
89	Analysing increasing trends of Guillain-Barré Syndrome (GBS) and dengue cases in Hong Kong using meteorological data. <i>PLoS ONE</i> , 2017, 12, e0187830.	1.1	14
90	Differences in the seasonality of Middle East respiratory syndrome coronavirus and influenza in the Middle East. <i>International Journal of Infectious Diseases</i> , 2015, 40, 15-16.	1.5	13

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91	Extraordinary curtailment of massive typhus epidemic in the Warsaw Ghetto. <i>Science Advances</i> , 2020, 6, eabc0927.	4.7	13
92	Effects of particulate matter exposure on the transmissibility and case fatality rate of COVID-19: A Nationwide Ecological Study in China. <i>Journal of Travel Medicine</i> , 2020, 27, .	1.4	13
93	An Investigation of the Risk Factors Associated With Anti-Tuberculosis Drug-Induced Liver Injury or Abnormal Liver Functioning in 757 Patients With Pulmonary Tuberculosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 708522.	1.6	13
94	Infection fatality rate and infection attack rate of COVID-19 in South American countries. <i>Infectious Diseases of Poverty</i> , 2022, 11, 40.	1.5	12
95	Bright Soliton Solutions in Degenerate Femi Gas near Feshbach Resonance. <i>Chinese Physics Letters</i> , 2009, 26, 120308.	1.3	11
96	Phase locking in on-off intermittency. <i>Physical Review E</i> , 2001, 64, 066203.	0.8	10
97	The cohort effect in childhood disease dynamics. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160156.	1.5	10
98	Modelling the transmission and control strategies of varicella among school children in Shenzhen, China. <i>PLoS ONE</i> , 2017, 12, e0177514.	1.1	10
99	Estimating the Prevalence of Asymptomatic COVID-19 Cases and Their Contribution in Transmission - Using Henan Province, China, as an Example. <i>Frontiers in Medicine</i> , 2021, 8, 591372.	1.2	10
100	Individualised risk prediction model for new-onset, progression and regression of chronic kidney disease in a retrospective cohort of patients with type 2 diabetes under primary care in Hong Kong. <i>BMJ Open</i> , 2020, 10, e035308.	0.8	9
101	Mathematical modeling and analysis of meningococcal meningitis transmission dynamics. <i>International Journal of Biomathematics</i> , 2020, 13, 2050006.	1.5	9
102	Dynamics analysis of typhoid fever with public health education programs and final epidemic size relation. <i>Results in Applied Mathematics</i> , 2021, 10, 100153.	0.5	9
103	COVID-19 and Lassa fever in Nigeria: A deadly alliance?. <i>International Journal of Infectious Diseases</i> , 2022, 117, 45-47.	1.5	9
104	Mathematical analysis of Lassa fever epidemic with effects of environmental transmission. <i>Results in Physics</i> , 2022, 35, 105335.	2.0	9
105	Analysis of generalized synchronization in directionally coupled chaotic phase-coherent oscillators by local minimal fluctuations. <i>Physical Review E</i> , 2002, 66, 036208.	0.8	8
106	Meningitis epidemics shift in sub-Saharan belt. <i>International Journal of Infectious Diseases</i> , 2018, 68, 79-82.	1.5	8
107	Age-Period-Cohort Analysis on the Time Trend of Hepatitis B Incidence in Four Prefectures of Southern Xinjiang, China from 2005 to 2017. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3886.	1.2	8
108	Mathematical models of transmission dynamics and vaccine strategies in Hong Kong during the 2017-2018 winter influenza season. <i>Journal of Theoretical Biology</i> , 2019, 476, 74-94.	0.8	8

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109	Phase-shifting of the transmissibility of macrolide-sensitive and resistant <i>Mycoplasma pneumoniae</i> epidemics in Hong Kong, from 2015 to 2018. <i>International Journal of Infectious Diseases</i> , 2019, 81, 251-253.	1.5	8
110	The changing patterns of COVID-19 transmissibility during the social unrest in the United States: A nationwide ecological study with a before-and-after comparison. <i>One Health</i> , 2021, 12, 100201.	1.5	8
111	Predicting Antituberculosis Drug-Induced Liver Injury Using an Interpretable Machine Learning Method: Model Development and Validation Study. <i>JMIR Medical Informatics</i> , 2021, 9, e29226.	1.3	8
112	A Zika Endemic Model for the Contribution of Multiple Transmission Routes. <i>Bulletin of Mathematical Biology</i> , 2021, 83, 111.	0.9	8
113	Two waves of COVID-19 in Brazilian cities and vaccination impact. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 4657-4671.	1.0	8
114	Antiprotozoal Effect of Snake Venoms and Their Fractions: A Systematic Review. <i>Pathogens</i> , 2021, 10, 1632.	1.2	8
115	Chaoslike behavior in nonchaotic systems at finite computation precision. <i>Physical Review E</i> , 2001, 63, 046310.	0.8	7
116	Unusual synchronization of Red Sea fish energy expenditures. <i>Ecology Letters</i> , 2003, 6, 83-86.	3.0	7
117	Population-Wide Genetic Risk Prediction of Complex Diseases: A Pilot Feasibility Study in Macau Population for Precision Public Healthcare Planning. <i>Scientific Reports</i> , 2018, 8, 1853.	1.6	7
118	Mechanistic modelling of multiple waves in an influenza epidemic or pandemic. <i>Journal of Theoretical Biology</i> , 2020, 486, 110070.	0.8	7
119	Modeling the 2014-2015 Ebola Virus Disease Outbreaks in Sierra Leone, Guinea, and Liberia with Effect of High- and Low-risk Susceptible Individuals. <i>Bulletin of Mathematical Biology</i> , 2020, 82, 102.	0.9	7
120	High Infection Fatality Rate Among Elderly and Risk Factors Associated With Infection Fatality Rate and Asymptomatic Infections of COVID-19 Cases in Hong Kong. <i>Frontiers in Medicine</i> , 2021, 8, 678347.	1.2	7
121	Associations between Public Awareness, Local Precipitation, and Cholera in Yemen in 2017. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 521-524.	0.6	7
122	Superspreading potential of SARS-CoV-2 Delta variants under intensive disease control measures in China. <i>Journal of Travel Medicine</i> , 2022, 29, .	1.4	7
123	Transition to Phase Synchronization Through Generalized Synchronization. <i>Chinese Physics Letters</i> , 2003, 20, 999-1002.	1.3	6
124	Anti-phase synchronization of influenza A/H1N1 and A/H3N2 in Hong Kong and countries in the North Temperate Zone. <i>International Journal of Infectious Diseases</i> , 2018, 66, 42-44.	1.5	6
125	Initial COVID-19 Transmissibility and Three Gaseous Air Pollutants (NO ₂ , SO ₂ , and CO): A Nationwide Ecological Study in China. <i>Frontiers in Medicine</i> , 2020, 7, 575839.	1.2	6
126	The time serial distribution and influencing factors of asymptomatic COVID-19 cases in Hong Kong. <i>One Health</i> , 2020, 10, 100166.	1.5	6

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127	Synchronized nonpharmaceutical interventions for the control of COVID-19. <i>Nonlinear Dynamics</i> , 2021, 106, 1-13.	2.7	6
128	Seroprevalence and infection attack rate of COVID-19 in Indian cities. <i>Infectious Disease Modelling</i> , 2022, 7, 25-32.	1.2	6
129	Heterogeneous epidemic modelling within an enclosed space and corresponding Bayesian estimation. <i>Infectious Disease Modelling</i> , 2022, 7, 1-24.	1.2	6
130	Post pandemic fatigue: what are effective strategies?. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
131	A simple method for the computation of the conditional Lyapunov exponents. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1999, 4, 113-117.	1.7	5
132	Phase-Locking in Coupled Chaotic Oscillators. <i>Chinese Physics Letters</i> , 2002, 19, 174-176.	1.3	5
133	Estimation of Local Novel Coronavirus (COVID-19) Cases in Wuhan, China from Off-Site Reported Cases and Population Flow Data from Different Sources. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	5
134	Quantifying the improvement in confirmation efficiency of the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) during the early phase of the outbreak in Hong Kong in 2020. <i>International Journal of Infectious Diseases</i> , 2020, 96, 284-287.	1.5	5
135	An analysis on the trend of AIDS/HIV incidence in Chongqing and Shenzhen, China from 2005â€“2015 based on Age-Period-Cohort model. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 6961-6977.	1.0	5
136	Reduction in the Infection Fatality Rate of Omicron (B.1.1.529) Variant Compared to Previous Variants in South Africa. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
137	The non-pharmaceutical interventions may affect the advantage in transmission of mutated variants during epidemics: A conceptual model for COVID-19. <i>Journal of Theoretical Biology</i> , 2022, 542, 111105.	0.8	5
138	Transmission dynamics of COVID-19 pandemic with combined effects of relapse, reinfection and environmental contribution: A modeling analysis. <i>Results in Physics</i> , 2022, 38, 105653.	2.0	5
139	Characterizing superspreading potential of infectious disease: Decomposition of individual transmissibility. <i>PLoS Computational Biology</i> , 2022, 18, e1010281.	1.5	5
140	Unexpected correspondence between noise-induced and master-slave complete synchronizations. <i>Physical Review E</i> , 2003, 68, 037202.	0.8	4
141	Spurious synchronization in non-diagonally coupled identical Lorenz oscillators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 326, 349-354.	0.9	4
142	Using CONTENT 1.5 to analyze an SIR model for childhood infectious diseases. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008, 13, 1743-1747.	1.7	4
143	Spatio-temporal patterns of proportions of influenza B cases. <i>Scientific Reports</i> , 2017, 7, 40085.	1.6	4
144	<p>Modelling the Measles Outbreak at Hong Kong International Airport in 2019: A Data-Driven Analysis on the Effects of Timely Reporting and Public Awareness</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 1851-1861.	1.1	4

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145	Public awareness, news promptness and the measles outbreak in Hong Kong from March to April, 2019. <i>Infectious Diseases</i> , 2020, 52, 284-290.	1.4	4
146	Estimating the Instantaneous Asymptomatic Proportion With a Simple Approach: Exemplified With the Publicly Available COVID-19 Surveillance Data in Hong Kong. <i>Frontiers in Public Health</i> , 2021, 9, 604455.	1.3	4
147	The co-circulating transmission dynamics of SARS-CoV-2 Alpha and Eta variants in Nigeria: A retrospective modeling study of COVID-19. <i>Journal of Global Health</i> , 2021, 11, 05028.	1.2	4
148	Regional heterogeneity of in-hospital mortality of COVID-19 in Brazil. <i>Infectious Disease Modelling</i> , 2022, 7, 364-373.	1.2	4
149	NOISE-INDUCED SYNCHRONIZATION IN MULTITROPHIC CHAOTIC ECOLOGICAL SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010, 20, 1779-1788.	0.7	3
150	The Long-Term Periodic Patterns of Global Rabies Epidemics Among Animals: A Modeling Analysis. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2050047.	0.7	3
151	Attach importance of the bootstrap <i>t</i> -test against Student's <i>t</i> -test in clinical epidemiology: a demonstrative comparison using COVID-19 as an example. <i>Epidemiology and Infection</i> , 2021, 149, e107.	1.0	3
152	Modelling COVID-19 outbreak on the Diamond Princess ship using the public surveillance data. <i>Infectious Disease Modelling</i> , 2022, 7, 189-195.	1.2	3
153	Unsynchronized influenza epidemics in two neighboring subtropical cities. <i>International Journal of Infectious Diseases</i> , 2018, 69, 85-87.	1.5	2
154	Breast cancer mortality in Chinese women: does migrant status play a role?. <i>Annals of Epidemiology</i> , 2019, 40, 28-34.e2.	0.9	2
155	Seasonal influenza activity in young children before the COVID-19 outbreak in Wuhan, China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2277-2279.	1.3	2
156	The impact of contact patterns of sexual networks on Zika virus spread: A case study in Costa Rica. <i>Applied Mathematics and Computation</i> , 2021, 393, 125765.	1.4	2
157	Excess pneumonia and influenza death as herald wave of COVID-19 in England and Wales, United Kingdom. <i>Journal of Infection</i> , 2021, 82, 282-327.	1.7	2
158	The Attack Rate of the COVID-19 in a Year. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
159	Modelling of Waning of Immunity and Reinfection Induced Antibody Boosting of SARS-CoV-2 in Manaus, Brazil. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1729.	1.2	2
160	Exported cases were infected on the way: A conjecture derived from analysis on Hong Kong monthly exported COVID-19 cases. <i>International Journal of Infectious Diseases</i> , 2022, 118, 62-64.	1.5	2
161	Large-scale synchronized replacement of Alpha (B.1.1.7) variant by the Delta (B.1.617.2) variant of SARS-COV-2 in the COVID-19 pandemic.. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 3591-3596.	1.0	2
162	Synchronization in Two Uncoupled Chaotic Neurons. <i>Lecture Notes in Computer Science</i> , 2004, , 138-143.	1.0	1

#	ARTICLE	IF	CITATIONS
163	Influenza versus COVID-19 cases among influenza-like illness patients in travelers from Wuhan to Hong Kong in January 2020. <i>International Journal of Infectious Diseases</i> , 2020, 101, 323-325.	1.5	1
164	Age, source, and future risk of COVID-19 infections in two settings of Hong Kong and Singapore. <i>BMC Research Notes</i> , 2020, 13, 336.	0.6	1
165	Preliminary estimation of the novel coronavirus disease (COVID-19) cases in Iran: A reply to Sharifi. <i>International Journal of Infectious Diseases</i> , 2020, 95, 429-430.	1.5	1
166	Mathematical modeling and analysis of schistosomiasis transmission dynamics. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2021, 12, 2150021.	0.9	1
167	A continuous age-specific standardized mortality ratio for estimating the unascertained rates in the early epidemic of COVID-19 in different regions. <i>Journal of Applied Statistics</i> , 2023, 50, 2504-2517.	0.6	1
168	Shrinkage in serial intervals across transmission generations of COVID-19. <i>Journal of Theoretical Biology</i> , 2021, 529, 110861.	0.8	1
169	Editorial: Interference of COVID-19 and Influenza Infections. <i>Frontiers in Public Health</i> , 2021, 9, 818199.	1.3	1
170	GENERALIZED SYNCHRONIZATION IN DOUBLY DRIVEN CHAOTIC SYSTEM. <i>International Journal of Modern Physics B</i> , 2006, 20, 3477-3485.	1.0	0
171	Family exposure and the impact of containment measures to children with coronavirus disease 2019 outside Hubei, China: a cross-sectional study. <i>Translational Pediatrics</i> , 2021, 10, 92-102.	0.5	0
172	How Transportation Restriction Shapes the Relationship Between Ambient Nitrogen Dioxide and COVID-19 Transmissibility: An Exploratory Analysis. <i>Frontiers in Public Health</i> , 2021, 9, 697491.	1.3	0
173	Individual Variation in Infectiousness of Coronavirus 2019 Implies Difficulty in Control. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
174	Changing Epidemiology of TB in Shandong, China Driven by Demographic Changes. <i>Frontiers in Medicine</i> , 2022, 9, 810382.	1.2	0