Serial interval of SARS-CoV-2 was shortened over time interventions

Science 369, 1106-1109

DOI: 10.1126/science.abc9004

Citation Report

#	Article	IF	CITATIONS
1	Extensive Testing and Public Health Interventions for the Control of COVID-19 in the Republic of Cyprus between March and May 2020. Journal of Clinical Medicine, 2020, 9, 3598.	1.0	20
2	Preparing for a futureÂCOVID-19 wave: insights and limitations from a data-driven evaluation of non-pharmaceutical interventions in Germany. Scientific Reports, 2020, 10, 20084.	1.6	25
3	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	1.2	106
4	Active testing of groups at increased risk of acquiring SARS-CoV-2 in Canada: costs and human resource needs. Cmaj, 2020, 192, E1146-E1155.	0.9	30
5	Reconsidering Assumptions of Adolescent and Young Adult Severe Acute Respiratory Syndrome Coronavirus 2 Transmission Dynamics. Clinical Infectious Diseases, 2021, 73, S146-S163.	2.9	31
6	Back to basics: the outbreak response pillars. Lancet, The, 2020, 396, 598.	6.3	13
7	The impact of travel and timing in eliminating COVID-19. Communications Physics, 2020, 3, .	2.0	21
8	Emergence of nonlinear crossover under epidemic dynamics in heterogeneous networks. Physical Review E, 2020, 102, 052311.	0.8	11
9	Proactive and blended approach for COVID-19 control in Taiwan. Biochemical and Biophysical Research Communications, 2021, 538, 238-243.	1.0	16
10	Transmission heterogeneities, kinetics, and controllability of SARS-CoV-2. Science, 2021, 371, .	6.0	341
11	Inferring the effectiveness of government interventions against COVID-19. Science, 2021, 371, .	6.0	730
12	Built environment and the metropolitan pandemic: Analysis of the COVID-19 spread in Hong Kong. Building and Environment, 2021, 188, 107471.	3.0	49
13	Transmission dynamics of the COVID-19 epidemic in India and modeling optimal lockdown exit strategies. International Journal of Infectious Diseases, 2021, 103, 579-589.	1.5	47
14	An engineering model of the COVID-19 trajectory to predict the success of isolation initiatives. UCL Open Environment, $0, 2, .$	0.0	0
15	School and Community Reopening During the COVID-19 Pandemic: A Mathematical Modeling Study. SSRN Electronic Journal, 0, , .	0.4	3
16	Characterizing COVID-19 Transmission: Incubation Period, Reproduction Rate, and Multiple-Generation Spreading. Frontiers in Physics, 2021, 8, .	1.0	17
17	Subcritical Transmission in the Early Stage of COVID-19 in Korea. International Journal of Environmental Research and Public Health, 2021, 18, 1265.	1.2	7
19	Long, thin transmission chains of Severe Acute Respiratory Syndrome Coronavirus 2 may go undetected for several weeks at low to moderate reproduction numbers: Implications for containment and elimination strategy. Infectious Disease Modelling, 2021, 6, 474-489.	1.2	3

#	Article	IF	CITATIONS
20	Quantifying competitive advantages of mutant strains in a population involving importation and mass vaccination rollout. Infectious Disease Modelling, 2021, 6, 988-996.	1.2	21
21	Population Mobility Driven COVID-19 Analysis in Shenzhen. Communications in Computer and Information Science, 2021, , 714-721.	0.4	0
22	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. Epidemiology and Infection, 2021, 149, e107.	1.0	3
23	Random-Forest-Bagging Broad Learning System With Applications for COVID-19 Pandemic. IEEE Internet of Things Journal, 2021, 8, 15906-15918.	5.5	42
24	Nonpharmaceutical interventions contribute to the control of COVID-19 in China based on a pairwise model. Infectious Disease Modelling, 2021, 6, 643-663.	1.2	9
27	Harnessing peak transmission around symptom onset for non-pharmaceutical intervention and containment of the COVID-19 pandemic. Nature Communications, 2021, 12, 1147.	5.8	36
28	The origin and early spread of SARS-CoV-2 in Europe. Proceedings of the National Academy of Sciences of the United States of America, $2021,118,.$	3.3	83
29	Reduction in mobility and COVID-19 transmission. Nature Communications, 2021, 12, 1090.	5.8	394
30	Dynamics of COVID-19 under social distancing measures are driven by transmission network structure. PLoS Computational Biology, 2021, 17, e1008684.	1.5	67
31	Viral load and contact heterogeneity predict SARS-CoV-2 transmission and super-spreading events. ELife, 2021, 10, .	2.8	142
32	Quantifying the impact of quarantine duration on COVID-19 transmission. ELife, 2021, 10, .	2.8	66
35	SARS-CoV-2 transmission and control in a hospital setting: an individual-based modelling study. Royal Society Open Science, 2021, 8, 201895.	1.1	16
36	Infectivity, susceptibility, and risk factors associated with SARS-CoV-2 transmission under intensive contact tracing in Hunan, China. Nature Communications, 2021, 12, 1533.	5.8	117
38	Measuring Time-Varying Effective Reproduction Numbers for COVID-19 and Their Relationship with Movement Control Order in Malaysia. International Journal of Environmental Research and Public Health, 2021, 18, 3273.	1.2	11
39	Mechanistic Modeling of SARSâ€CoVâ€⊋ and Other Infectious Diseases and the Effects of Therapeutics. Clinical Pharmacology and Therapeutics, 2021, 109, 829-840.	2.3	70
41	Critical airports of the world air sector network based on the centrality and entropy theory. International Journal of Modern Physics B, 2021, 35, 2150081.	1.0	5
42	Estimating the time interval between transmission generations and the presymptomatic period by contact tracing surveillance data from 31 provinces in the mainland of China. Fundamental Research, 2021, 1, 104-110.	1.6	6
44	Assessing Interventions against Coronavirus Disease 2019 (COVID-19) in Osaka, Japan: A Modeling Study. Journal of Clinical Medicine, 2021, 10, 1256.	1.0	10

#	ARTICLE	IF	CITATIONS
45	Modelling the association between COVID-19 transmissibility and D614G substitution in SARS-CoV-2 spike protein: using the surveillance data in California as an example. Theoretical Biology and Medical Modelling, 2021, 18, 10.	2.1	9
46	Adherence to behavioral Covid-19 mitigation measures strongly predicts mortality. PLoS ONE, 2021, 16, e0249392.	1.1	30
47	Transmission dynamics and timing of key events for SARS-CoV-2 infection in healthcare workers. Infectious Diseases, 2021, 53, 1-7.	1.4	5
48	On realized serial and generation intervals given control measures: The COVID-19 pandemic case. PLoS Computational Biology, 2021, 17, e1008892.	1.5	21
49	Nowcasting epidemics of novel pathogens: lessons from COVID-19. Nature Medicine, 2021, 27, 388-395.	15.2	32
50	Bifurcation and chaos analysis for a discrete ecological developmental systems. Nonlinear Dynamics, 2021, 104, 4671-4680.	2.7	6
51	Localized end-of-outbreak determination for coronavirus disease 2019 (COVID-19): examples from clusters in Japan. International Journal of Infectious Diseases, 2021, 105, 286-292.	1.5	6
52	Transmission of SARS-CoV-2 before and after symptom onset: impact of nonpharmaceutical interventions in China. European Journal of Epidemiology, 2021, 36, 429-439.	2.5	8
53	A clinician's primer on epidemiology for COVID-19. Med, 2021, 2, 384-394.	2.2	1
55	High infectiousness immediately before COVID-19 symptom onset highlights the importance of continued contact tracing. ELife, 2021, 10, .	2.8	63
57	Evolving Epidemiological Characteristics of COVID-19 in Hong Kong From January to August 2020: Retrospective Study. Journal of Medical Internet Research, 2021, 23, e26645.	2.1	27
58	The effect of eviction moratoria on the transmission of SARS-CoV-2. Nature Communications, 2021, 12, 2274.	5.8	62
60	Estimation of the serial interval and proportion of pre-symptomatic transmission events of COVIDâ^ 19 in Ireland using contact tracing data. BMC Public Health, 2021, 21, 805.	1.2	11
61	Inferring the Association between the Risk of COVID-19 Case Fatality and N501Y Substitution in SARS-CoV-2. Viruses, 2021, 13, 638.	1.5	21
65	Multitask learning and nonlinear optimal control of the COVID-19 outbreak: A geometric programming approach. Annual Reviews in Control, 2021, 52, 495-507.	4.4	13
67	Non-pharmaceutical interventions during the COVID-19 pandemic: A review. Physics Reports, 2021, 913, 1-52.	10.3	336
68	Review of Current COVID-19 Diagnostics and Opportunities for Further Development. Frontiers in Medicine, 2021, 8, 615099.	1.2	103
72	Estimating the reproductive number RO of SARS-CoV-2 in the United States and eight European countries and implications for vaccination. Journal of Theoretical Biology, 2021, 517, 110621.	0.8	110

#	ARTICLE	IF	Citations
73	Transmission dynamics and control of two epidemic waves of SARS-CoV-2 in South Korea. BMC Infectious Diseases, 2021, 21, 485.	1.3	34
74	SARS-CoV-2 Serial Interval Variation, Montana, USA, March 1–July 31, 2020. Emerging Infectious Diseases, 2021, 27, 1486-1491.	2.0	9
75	Harmful Effects of COVID-19 on Major Human Body Organs: A Review. Journal of Pure and Applied Microbiology, 2021, 15, 500-511.	0.3	6
76	Serial Intervals and Case Isolation Delays for Coronavirus Disease 2019: A Systematic Review and Meta-Analysis. Clinical Infectious Diseases, 2021, , .	2.9	17
77	How much leeway is there to relax COVID-19 control measures?. Epidemics, 2021, 35, 100453.	1.5	15
78	Temporal Changes in the Risk of Superspreading Events of Coronavirus Disease 2019. Open Forum Infectious Diseases, 2021, 8, ofab350.	0.4	11
80	Effect of specific non-pharmaceutical intervention policies on SARS-CoV-2 transmission in the counties of the United States. Nature Communications, 2021, 12, 3560.	5.8	35
81	Controlling the pandemic during the SARS-CoV-2 vaccination rollout. Nature Communications, 2021, 12, 3674.	5.8	98
82	The Incubation Period Distribution of Coronavirus Disease 2019: A Systematic Review and Meta-analysis. Clinical Infectious Diseases, 2021, 73, 2344-2352.	2.9	53
83	Successful contact tracing systems for COVID-19 rely on effective quarantine and isolation. PLoS ONE, 2021, 16, e0252499.	1.1	25
85	Pan-African evolution of within- and between-country COVID-19 dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	22
86	Presymptomatic transmission of SARS-CoV-2 infection: a secondary analysis using published data. BMJ Open, 2021, 11, e041240.	0.8	33
87	Estimating the global reduction in transmission and rise in detection capacity of the novel coronavirus SARS-CoV-2 in early 2020. Epidemics, 2021, 35, 100445.	1.5	5
89	Development of a healthcare system COVID Hotspotting Score in California: an observational study with prospective validation. BMJ Open, 2021, 11, e048211.	0.8	3
90	Impact of tiered restrictions on human activities and the epidemiology of the second wave of COVID-19 in Italy. Nature Communications, 2021, 12, 4570.	5.8	45
91	Using Proper Mean Generation Intervals in Modeling of COVID-19. Frontiers in Public Health, 2021, 9, 691262.	1.3	20
92	A mechanistic and data-driven reconstruction of the time-varying reproduction number: Application to the COVID-19 epidemic. PLoS Computational Biology, 2021, 17, e1009211.	1.5	11
95	Association of public health interventions and COVID-19 incidence in Vietnam, January to December 2020. International Journal of Infectious Diseases, 2021, 110 Suppl 1, S28-S43.	1.5	13

#	ARTICLE	IF	CITATIONS
96	Sub-spreading events limit the reliable elimination of heterogeneous epidemics. Journal of the Royal Society Interface, 2021, 18, 20210444.	1.5	15
97	Predicting the effect of confinement on the COVID-19 spread using machine learning enriched with satellite air pollution observations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	16
98	Dynamical Variations of the Global COVIDâ€19 Pandemic Based on a SEICR Disease Model: A New Approach of Yi Hua Jie Mu. GeoHealth, 2021, 5, e2021GH000455.	1.9	10
100	Emergence and expansion of SARS-CoV-2 B.1.526 after identification in New York. Nature, 2021, 597, 703-708.	13.7	103
102	A general model for the demographic signatures of the transition from pandemic emergence to endemicity. Science Advances, $2021, 7, \dots$	4.7	13
105	Joint Estimation of Generation Time and Incubation Period for Coronavirus Disease 2019. Journal of Infectious Diseases, 2021, , .	1.9	13
106	Evaluating the effectiveness of control measures in multiple regions during the early phase of the COVID-19 pandemic in 2020. Biosafety and Health, 2021, 3, 264-275.	1.2	11
107	Differential impacts of contact tracing and lockdowns on outbreak size in COVID-19 model applied to China. Journal of Theoretical Biology, 2022, 532, 110919.	0.8	13
108	Commentary on the use of the reproduction number $\langle i \rangle R \langle j \rangle$ during the COVID-19 pandemic. Statistical Methods in Medical Research, 2022, 31, 1675-1685.	0.7	18
109	Exploring the Interaction between E484K and N501Y Substitutions of SARS-CoV-2 in Shaping the Transmission Advantage of COVID-19 in Brazil: A Modeling Study. American Journal of Tropical Medicine and Hygiene, 2021, 105, 1247-1254.	0.6	5
110	Estimating the generation interval and inferring the latent period of COVID-19 from the contact tracing data. Epidemics, 2021, 36, 100482.	1.5	55
111	Quantifying the relationship between lockdowns, mobility, and effective reproduction number (Rt) during the COVID-19 pandemic in the Greater Toronto Area. BMC Public Health, 2021, 21, 1658.	1.2	9
112	Serial interval of COVID-19 and the effect of Variant B.1.1.7: analyses from prospective community cohort study (Virus Watch). Wellcome Open Research, 2021, 6, 224.	0.9	4
114	Severe Acute Respiratory Syndrome Coronavirus 2 Transmission in Georgia, USA, February 1–July 13, 2020. Emerging Infectious Diseases, 2021, 27, 2578-2587.	2.0	7
115	Shrinkage in serial intervals across transmission generations of COVID-19. Journal of Theoretical Biology, 2021, 529, 110861.	0.8	1
116	Serial Interval and Generation Interval for Imported and Local Infectors, Respectively, Estimated Using Reported Contact-Tracing Data of COVID-19 in China. Frontiers in Public Health, 2020, 8, 577431.	1.3	21
117	On the relationship between serial interval, infectiousness profile and generation time. Journal of the Royal Society Interface, 2021, 18, 20200756.	1.5	54
119	Nano-dry-salt deposition on electret nonwoven confers anticoronaviral effect while retaining aerosol filtration performance. Environmental Science: Nano, 2021, 8, 2780-2791.	2.2	9

#	Article	IF	Citations
120	Epidemiology and transmission characteristics of early COVID-19 cases, 20 January–19 March 2020, in Bavaria, Germany. Epidemiology and Infection, 2021, 149, e65.	1.0	10
121	Household Transmission of SARS-CoV-2. JAMA Network Open, 2020, 3, e2031756.	2.8	568
122	Forward-looking serial intervals correctly link epidemic growth to reproduction numbers. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	54
123	On Hegemonic Narratives, and the Facts regarding China's Response to COVID-19 Pandemic. International Critical Thought, 2020, 10, 575-604.	0.3	2
146	Rapid review of available evidence on the serial interval and generation time of COVID-19. BMJ Open, 2020, 10, e040263.	0.8	90
147	Practical considerations for measuring the effective reproductive number, Rt. PLoS Computational Biology, 2020, 16, e1008409.	1.5	343
148	An exact method for quantifying the reliability of end-of-epidemic declarations in real time. PLoS Computational Biology, 2020, 16, e1008478.	1.5	22
149	COVID-19: What we talk about when we talk about masks. Revista Da Sociedade Brasileira De Medicina Tropical, 2020, 53, e20200527.	0.4	2
150	Integrated Packages of Non-Pharmaceutical Interventions Increased Public Health Response Efficiency Against COVID-19 During the First European Wave: Evidence from 32 European Countries. SSRN Electronic Journal, 0, , .	0.4	1
151	Mechanism of Optimal Time-Course COVID-19 Vaccine Prioritization Based on Non-Markovian Steady-State Prediction. SSRN Electronic Journal, 0, , .	0.4	0
152	Nine-month Trend of Time-Varying Reproduction Numbers of COVID-19 in West of Iran. Journal of Research in Health Sciences, 2021, 21, e00517-e00517.	0.9	1
153	Reliably quantifying the evolving worldwide dynamic state of the COVID-19 outbreak from death records, clinical parametrization, and demographic data. Scientific Reports, 2021, 11, 19952.	1.6	6
154	Cryptic transmission of SARS-CoV-2 and the first COVID-19 wave. Nature, 2021, 600, 127-132.	13.7	61
155	Real-time quantification of the transmission advantage associated with a single mutation in pathogen genomes: a case study on the D614G substitution of SARS-CoV-2. BMC Infectious Diseases, 2021, 21, 1039.	1.3	2
156	Calculating the serial interval of SARS-CoV-2 in Lebanon using 2020 contact-tracing data. BMC Infectious Diseases, 2021, 21, 1053.	1.3	5
158	Synergistic interventions to control COVID-19: Mass testing and isolation mitigates reliance on distancing. PLoS Computational Biology, 2021, 17, e1009518.	1.5	8
161	Monitoring key epidemiological parameters of SARS-CoV-2 transmission. Nature Medicine, 2021, 27, 1854-1855.	15.2	28
162	Toward human-centric urban infrastructure: Text mining for social media data to identify the public perception of COVID-19 policy in transportation hubs. Sustainable Cities and Society, 2022, 76, 103524.	5.1	33

#	Article	IF	CITATIONS
166	Strengthening the basics: public health responses to prevent the next pandemic. BMJ, The, 2021, 375, e067510.	3.0	17
168	COVID-19 effective reproduction number determination: an application, and a review of issues and influential factors. Epidemiologic Methods, 2021, 10, .	0.8	1
169	In vivo kinetics of SARS-CoV-2 infection and its relationship with a person's infectiousness. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	108
170	Challenges in evaluating risks and policy options around endemic establishment or elimination of novel pathogens. Epidemics, 2021, 37, 100507.	1.5	4
171	Transmission and containment of the SARS-CoV-2 Delta variant of concern in Guangzhou, China: A population-based study. PLoS Neglected Tropical Diseases, 2022, 16, e0010048.	1.3	25
172	Digital Divide in Online Education During the COVID-19 Pandemic: A Cosmetic Course From the View of the Regional Socioeconomic Distribution. Frontiers in Public Health, 2021, 9, 796210.	1.3	5
173	Social physics. Physics Reports, 2022, 948, 1-148.	10.3	231
174	Serial Interval and Transmission Dynamics during SARS-CoV-2 Delta Variant Predominance, South Korea. Emerging Infectious Diseases, 2022, 28, 407-410.	2.0	31
175	Age dependence of the natural history of infection with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2): an analysis of Diamond Princess data. International Journal of Infectious Diseases, 2022, 115, 109-115.	1.5	4
178	A multi-source global-local model for epidemic management. PLoS ONE, 2022, 17, e0261650.	1.1	1
179	Using Non-Pharmaceutical Interventions and High Isolation of Asymptomatic Carriers to Contain the Spread of SARS-CoV-2 in Nursing Homes. Life, 2022, 12, 180.	1.1	5
180	Assessing the risk of vaccine-driven virulence evolution in SARS-CoV-2. Royal Society Open Science, 2022, 9, 211021.	1.1	8
181	Science and behavioral intentions among Israeli Jewish ultra-Orthodox males: Death from COVID-19 or from the COVID-19 vaccine? A thematic study. Public Understanding of Science, 2022, 31, 410-427.	1.6	4
182	Shorter Incubation Period among Unvaccinated Delta Variant Coronavirus Disease 2019 Patients in Japan. International Journal of Environmental Research and Public Health, 2022, 19, 1127.	1.2	24
183	Fine-scale estimation of effective reproduction numbers for dengue surveillance. PLoS Computational Biology, 2022, 18, e1009791.	1.5	6
184	Rural prioritization may increase the impact of COVID-19 vaccines in a representative COVAX AMC country setting due to ongoing internal migration: A modeling study. PLOS Global Public Health, 2022, 2, e0000053.	0.5	1
186	School and community reopening during the COVID-19 pandemic: a mathematical modelling study. Royal Society Open Science, 2022, 9, 211883.	1.1	15
187	Inference of the SARS-CoV-2 generation time using UK household data. ELife, 2022, 11, .	2.8	40

#	Article	IF	CITATIONS
189	Serial Intervals and Household Transmission of SARS-CoV-2 Omicron Variant, South Korea, 2021. Emerging Infectious Diseases, 2022, 28, 756-759.	2.0	56
190	Transmission Dynamics of the Delta Variant of SARS-CoV-2 Infections in South Korea. Journal of Infectious Diseases, 2022, 225, 793-799.	1.9	47
191	Epidemiologic Information Discovery from Open-Access COVID-19 Case Reports Via Pretrained Language Model. SSRN Electronic Journal, 0, , .	0.4	0
192	Reproduction Numbers of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants: A Systematic Review and Meta-analysis. Clinical Infectious Diseases, 2022, 75, e293-e295.	2.9	20
193	Incidence moments: a simple method to study the memory and short term forecast of the COVID-19 incidence time-series. Epidemiologic Methods, 2022, 11 , .	0.8	1
194	Estimating the generation interval from the incidence rate, the optimal quarantine duration and the efficiency of fast switching periodic protocols for COVID-19. Scientific Reports, 2022, 12, 4623.	1.6	1
196	Estimation of Serial Interval and Reproduction Number to Quantify the Transmissibility of SARS-CoV-2 Omicron Variant in South Korea. Viruses, 2022, 14, 533.	1.5	57
197	Inferring the reproduction number using the renewal equation in heterogeneous epidemics. Journal of the Royal Society Interface, 2022, 19, 20210429.	1.5	9
198	Transmission dynamics and epidemiological characteristics of SARS-CoV-2 Delta variant infections in Guangdong, China, May to June 2021. Eurosurveillance, 2022, 27, .	3.9	66
199	Infection fatality rate and infection attack rate of COVID-19 in South American countries. Infectious Diseases of Poverty, 2022, 11, 40.	1.5	12
200	Deciphering early-warning signals of SARS-CoV-2 elimination and resurgence from limited data at multiple scales. Journal of the Royal Society Interface, 2021, 18, 20210569.	1.5	22
202	Household serial interval of COVID-19 and the effect of Variant B.1.1.7: analyses from prospective community cohort study (Virus Watch). Wellcome Open Research, 0, 6, 224.	0.9	4
203	Meta-analysis of the severe acute respiratory syndrome coronavirus 2 serial intervals and the impact of parameter uncertainty on the coronavirus disease 2019 reproduction number. Statistical Methods in Medical Research, 2022, 31, 1686-1703.	0.7	13
204	Predictors of mask-wearing during the advent of the COVID-19 pandemic: Evidence from South Africa. Translational Behavioral Medicine, 2022, 12, .	1.2	14
205	The co-circulating transmission dynamics of SARS-CoV-2 Alpha and Eta variants in Nigeria: A retrospective modeling study of COVID-19. Journal of Global Health, 2021, 11, 05028.	1.2	4
206	Estimating the strength of selection for new SARS-CoV-2 variants. Nature Communications, 2021, 12, 7239.	5.8	23
207	Fundamental limits on inferring epidemic resurgence in real time using effective reproduction numbers. PLoS Computational Biology, 2022, 18, e1010004.	1.5	11
208	Efficacy of a "stay-at-home―policy on SARS-CoV-2 transmission in Toronto, Canada: a mathematical modelling study. CMAJ Open, 2022, 10, E367-E378.	1.1	11

#	Article	IF	CITATIONS
209	Modeling the evolution of SARS-CoV-2 under non-pharmaceutical interventions and testing. Evolution, Medicine and Public Health, 2022, 10, 179-188.	1.1	7
211	Statistical Deconvolution for Inference of Infection Time Series. Epidemiology, 2022, 33, 470-479.	1.2	9
212	Estimating Spatiotemporal Contacts Between Individuals in Underground Shopping Streets Based on Multi-Agent Simulation. Frontiers in Physics, 2022, 10, .	1.0	1
213	COVID-19 Epidemic in Japan and Mathematical Model. Iryo To Shakai, 2022, 32, 59-70.	0.0	0
214	COVID-19 in Japan, January–March 2020: insights from the first three months of the epidemic. BMC Infectious Diseases, 2022, 22, .	1.3	7
216	Characteristics Analysis of Incubation Time of COVID-19. Discrete Dynamics in Nature and Society, 2022, 2022, 1-6.	0.5	0
217	Are Epidemic Growth Rates More Informative than Reproduction Numbers?. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, S5-S15.	0.6	23
218	Modelling COVID-19 outbreak on the Diamond Princess ship using the public surveillance data. Infectious Disease Modelling, 2022, 7, 189-195.	1.2	3
219	Modelling preventive measures and their effect on generation times in emerging epidemics. Journal of the Royal Society Interface, 2022, 19, .	1.5	5
220	Investigating the relationship between interventions, contact patterns, and SARS-CoV-2Atransmissibility. Epidemics, 2022, 40, 100601.	1.5	7
221	The importance of the generation interval in investigating dynamics and control of new SARS-CoV-2 variants. Journal of the Royal Society Interface, 2022, 19, .	1.5	15
222	Proportion of Pre-Symptomatic Transmission Events Associated with COVID-19 in South Korea. Journal of Clinical Medicine, 2022, 11, 3925.	1.0	3
223	Contact tracing of COVID-19 in Karnataka, India: Superspreading and determinants of infectiousness and symptomatic infection. PLoS ONE, 2022, 17, e0270789.	1.1	12
224	Reconstruction of transmission chains of SARS-CoV-2 amidst multiple outbreaks in a geriatric acute-care hospital: a combined retrospective epidemiological and genomic study. ELife, 0, 11 , .	2.8	8
225	EpiRegress: A Method to Estimate and Predict the Time-Varying Effective Reproduction Number. Viruses, 2022, 14, 1576.	1.5	4
226	Evaluating the impact of stay-at-home and quarantine measures on COVID-19 spread. BMC Infectious Diseases, 2022, 22, .	1.3	13
229	Heterogeneity in the onwards transmission risk between local and imported cases affects practical estimates of the time-dependent reproduction number. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	1.6	12
230	Context-specific emergence and growth of the SARS-CoV-2 Delta variant. Nature, 2022, 610, 154-160.	13.7	60

#	ARTICLE	IF	Citations
231	Fitting the reproduction number from UK coronavirus case data and why it is close to 1. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	1.6	7
232	Estimation and worldwide monitoring of the effective reproductive number of SARS-CoV-2. ELife, 0, 11,	2.8	38
233	The unmitigated profile of COVID-19 infectiousness. ELife, 0, 11, .	2.8	11
234	A comparative analysis of epidemiological characteristics of MERS-CoV and SARS-CoV-2 in Saudi Arabia. Infectious Disease Modelling, 2022, 7, 473-485.	1.2	6
235	Data-driven approach in a compartmental epidemic model to assess undocumented infections. Chaos, Solitons and Fractals, 2022, 163, 112520.	2.5	0
237	Epidemiologic information discovery from open-access COVID-19 case reports via pretrained language model. IScience, 2022, 25, 105079.	1.9	0
238	Meta-analysis in a time of pandemic. 4open, 2022, 5, E5.	0.1	O
239	An update of serial interval estimates for COVID-19: a meta-analysis. 4open, 2022, 5, 16.	0.1	1
241	Reliability of Early Estimates of the Basic Reproduction Number of COVID-19: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 11613.	1.2	4
242	Estimating the effective reproduction number for heterogeneous models using incidence data. Royal Society Open Science, 2022, 9, .	1.1	5
243	Quantitative assessment of the effects of resource optimization and ICU admission policy on COVID-19 mortalities. Physical Review Research, 2022, 4, .	1.3	2
244	The methodologies to assess the effectiveness of non-pharmaceutical interventions during COVID-19: a systematic review. European Journal of Epidemiology, 2022, 37, 1003-1024.	2.5	11
245	Quantifying the information in noisy epidemic curves. Nature Computational Science, 2022, 2, 584-594.	3.8	12
247	Assessing Epidemic Curves for Evidence of Superspreading. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, 2179-2202.	0.6	1
249	Bayesian Inference for COVID-19 Transmission Dynamics in India Using a Modified SEIR Model. Mathematics, 2022, 10, 4037.	1.1	4
250	New Insights into the Estimation of Reproduction Numbers during an Epidemic. Vaccines, 2022, 10, 1788.	2.1	O
251	Estimation of the serial interval of monkeypox during the early outbreak in 2022. Journal of Medical Virology, 2023, 95, .	2.5	8
252	A comparison of COVID-19 outbreaks across US Combined Statistical Areas using new methods for estimating <mml:math altimg="si65.svg" display="inline" id="d1e413" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></mml:mrow></mml:mrow></mml:math>	1.5 <td>O row></td>	O row>

#	Article	IF	CITATIONS
253	Correlation between times to SARS-CoV-2 symptom onset and secondary transmission undermines epidemic control efforts. Epidemics, 2022, 41, 100655.	1.5	2
254	Epidemiology and Transmission Dynamics of Infectious Diseases and Control Measures. Viruses, 2022, 14, 2510.	1.5	2
256	Sylvia Richardson's discussion contribution to papers in Session 1 of the Royal Statistical Society's Special Topic Meeting on COVID‶9 transmission: 9 June 2021. Journal of the Royal Statistical Society Series A: Statistics in Society, 0, , .	0.6	0
258	Contact network analysis of COVID-19 Delta variant outbreak in urban China —based on 2,050 confirmed cases in Xi'an, China. BMC Public Health, 2022, 22, .	1.2	3
259	Inferring time-varying generation time, serial interval, and incubation period distributions for COVID-19. Nature Communications, 2022, 13, .	5.8	7
260	Effectiveness of BNT162b2 and CoronaVac in children and adolescents against SARS-CoV-2 infection during Omicron BA.2 wave in Hong Kong. Communications Medicine, 2023, 3, .	1.9	14
261	Editorial: Infectious Disease Epidemiology and Transmission Dynamics. Viruses, 2023, 15, 246.	1.5	0
263	The Continuing Puzzle of Defining Duration of Severe Acute Respiratory Syndrome Coronavirus 2 Infectivity. Journal of Infectious Diseases, 0, , .	1.9	0
264	Big data technology in infectious diseases modeling, simulation, and prediction after the COVID-19 outbreak. Intelligent Medicine, 2023, 3, 85-96.	1.6	1
265	The value of discharged case fatality rate in estimating the severity and epidemic trend of COVID-19 in China: a novel epidemiological study. Zeitschrift Fur Gesundheitswissenschaften, 0, , .	0.8	0
266	A statistical framework for tracking the time-varying superspreading potential of COVID-19 epidemic. Epidemics, 2023, 42, 100670.	1.5	4
267	Accounting for the Potential of Overdispersion in Estimation of the Time-varying Reproduction Number. Epidemiology, 2023, 34, 201-205.	1.2	2
268	Managing sources of error during pandemics. Science, 2023, 379, 437-439.	6.0	1
269	A review on synthesis of antiviral drugs, in silico studies and their toxicity. Journal of the Indian Chemical Society, 2023, 100, 100936.	1.3	1
271	Comparing the incubation period, serial interval, and infectiousness profile between SARS oVâ€2 Omicron and Delta variants. Journal of Medical Virology, 2023, 95, .	2.5	9
272	Relative role of border restrictions, case finding and contact tracing in controlling SARS-CoV-2 in the presence of undetected transmission: a mathematical modelling study. BMC Medicine, 2023, 21, .	2.3	4
273	Analysis of reporting lag in daily data of COVID-19 in Japan. Letters in Spatial and Resource Sciences, 2023, 16, .	1.2	0
274	COVID-19 Infection Risk Among Previously Uninfected Adults: Development of a Prognostic Model. Health Services Research and Managerial Epidemiology, 2023, 10, 233339282311543.	0.5	0

#	Article	IF	CITATIONS
275	Serial Interval and Incubation Period Estimates of Monkeypox Virus Infection in 12 Jurisdictions, United States, May–August 2022. Emerging Infectious Diseases, 2023, 29, 818-821.	2.0	24
276	A new method for the joint estimation of instantaneous reproductive number and serial interval during epidemics. PLoS Computational Biology, 2023, 19, e1011021.	1.5	1
284	Pharmacological and Non-pharmacological Intervention in Epidemic Prevention and Control: A Medical Perspective. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 573-582.	0.5	0
291	The Effect of Vaccination Strategy on Epidemic Spreading with Limited Hospital Resource. , 2023, , .		0
292	Non-parametric model-based estimation of the effective reproduction number for SARS-CoV-2. AIP Conference Proceedings, 2023, , .	0.3	1