

Akira Endo

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

5,207
citations

304743

22
h-index

276875

41
g-index

67
all docs

67
docs citations

67
times ranked

8469
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, regional, and national estimates of the population at increased risk of severe COVID-19 due to underlying health conditions in 2020: a modelling study. <i>The Lancet Global Health</i> , 2020, 8, e1003-e1017.	6.3	760
2	Effects of non-pharmaceutical interventions on COVID-19 cases, deaths, and demand for hospital services in the UK: a modelling study. <i>Lancet Public Health</i> , The, 2020, 5, e375-e385.	10.0	730
3	Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1151-1160.	9.1	710
4	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. <i>Wellcome Open Research</i> , 2020, 5, 67.	1.8	539
5	Routine childhood immunisation during the COVID-19 pandemic in Africa: a benefit-risk analysis of health benefits versus excess risk of SARS-CoV-2 infection. <i>The Lancet Global Health</i> , 2020, 8, e1264-e1272.	6.3	265
6	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. <i>Wellcome Open Research</i> , 2020, 5, 67.	1.8	265
7	Using a real-world network to model localized COVID-19 control strategies. <i>Nature Medicine</i> , 2020, 26, 1616-1622.	30.7	191
8	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. <i>Wellcome Open Research</i> , 0, 5, 112.	1.8	176
9	Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. <i>Lancet Public Health</i> , The, 2021, 6, e175-e183.	10.0	156
10	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. <i>BMC Medicine</i> , 2020, 18, 332.	5.5	129
11	The potential health and economic value of SARS-CoV-2 vaccination alongside physical distancing in the UK: a transmission model-based future scenario analysis and economic evaluation. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 962-974.	9.1	117
12	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. <i>Wellcome Open Research</i> , 0, 5, 112.	1.8	117
13	The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship. <i>ELife</i> , 2020, 9, .	6.0	70
14	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. <i>BMC Medicine</i> , 2020, 18, 324.	5.5	66
15	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. <i>Nature Communications</i> , 2021, 12, 5968.	12.8	66
16	Network interventions for managing the COVID-19 pandemic and sustaining economy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30285-30294.	7.1	64
17	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. <i>Wellcome Open Research</i> , 2020, 5, 239.	1.8	62
18	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. <i>Wellcome Open Research</i> , 2020, 5, 239.	1.8	61

#	ARTICLE	IF	CITATIONS
19	Introduction to particle Markov-chain Monte Carlo for disease dynamics modellers. <i>Epidemics</i> , 2019, 29, 100363.	3.0	53
20	Contact tracing is an imperfect tool for controlling COVID-19 transmission and relies on population adherence. <i>Nature Communications</i> , 2021, 12, 5412.	12.8	41
21	Inference of the SARS-CoV-2 generation time using UK household data. <i>ELife</i> , 2022, 11, .	6.0	40
22	Real-time characterization of risks of death associated with the Middle East respiratory syndrome (MERS) in the Republic of Korea, 2015. <i>BMC Medicine</i> , 2015, 13, 228.	5.5	37
23	Identifying determinants of heterogeneous transmission dynamics of the Middle East respiratory syndrome (MERS) outbreak in the Republic of Korea, 2015: a retrospective epidemiological analysis. <i>BMJ Open</i> , 2016, 6, e009936.	1.9	37
24	Estimating number of cases and spread of coronavirus disease (COVID-19) using critical care admissions, United Kingdom, February to March 2020. <i>Eurosurveillance</i> , 2020, 25, .	7.0	34
25	Fine-scale family structure shapes influenza transmission risk in households: Insights from primary schools in Matsumoto city, 2014/15. <i>PLoS Computational Biology</i> , 2019, 15, e1007589.	3.2	31
26	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. <i>Wellcome Open Research</i> , 0, 5, 67.	1.8	30
27	The effect of travel restrictions on the geographical spread of COVID-19 between large cities in China: a modelling study. <i>BMC Medicine</i> , 2020, 18, 259.	5.5	28
28	Implications of the school-household network structure on SARS-CoV-2 transmission under school reopening strategies in England. <i>Nature Communications</i> , 2021, 12, 1942.	12.8	24
29	Estimating the impact of reopening schools on the reproduction number of SARS-CoV-2 in England, using weekly contact survey data. <i>BMC Medicine</i> , 2021, 19, 233.	5.5	24
30	Uncertainty and sensitivity analysis of the basic reproduction number of diphtheria: a case study of a Rohingya refugee camp in Bangladesh, November–December 2017. <i>PeerJ</i> , 2018, 6, e4583.	2.0	24
31	Development of Novel Criteria of the “Lethal Triad” as an Indicator of Decision Making in Current Trauma Care. <i>Critical Care Medicine</i> , 2016, 44, e797-e803.	0.9	22
32	The contribution of hospital-acquired infections to the COVID-19 epidemic in England in the first half of 2020. <i>BMC Infectious Diseases</i> , 2022, 22, .	2.9	22
33	Strategies to reduce the risk of SARS-CoV-2 importation from international travellers: modelling estimations for the United Kingdom, July 2020. <i>Eurosurveillance</i> , 2021, 26, .	7.0	20
34	Predicting the effective reproduction number of COVID-19: inference using human mobility, temperature, and risk awareness. <i>International Journal of Infectious Diseases</i> , 2021, 113, 47-54.	3.3	20
35	Projecting a second wave of COVID-19 in Japan with variable interventions in high-risk settings. <i>Royal Society Open Science</i> , 2021, 8, 202169.	2.4	16
36	Comparative assessment of methods for short-term forecasts of COVID-19 hospital admissions in England at the local level. <i>BMC Medicine</i> , 2022, 20, 86.	5.5	12

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37	Within and between classroom transmission patterns of seasonal influenza among primary school students in Matsumoto city, Japan. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
38	Infectious disease risks among refugees from North Korea. International Journal of Infectious Diseases, 2018, 66, 22-25.	3.3	8
39	Bias correction methods for test-negative designs in the presence of misclassification. Epidemiology and Infection, 2020, 148, e216.	2.1	8
40	SARS-CoV-2 infection risk during delivery of childhood vaccination campaigns: a modelling study. BMC Medicine, 2021, 19, 198.	5.5	8
41	The Role of Migration in Maintaining the Transmission of Avian Influenza in Waterfowl: A Multisite Multispecies Transmission Model along East Asian-Australian Flyway. Canadian Journal of Infectious Diseases and Medical Microbiology, 2018, 2018, 1-7.	1.9	7
42	Capturing the transmission dynamics of the 2009 Japanese pandemic influenza H1N1 in the presence of heterogeneous immunity. Annals of Epidemiology, 2018, 28, 293-300.e1.	1.9	5
43	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. Wellcome Open Research, 0, 5, 239.	1.8	5
44	Transmission dynamics of vivax malaria in the republic of Korea: Effectiveness of anti-malarial mass chemoprophylaxis. Journal of Theoretical Biology, 2015, 380, 499-505.	1.7	4
45	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model. BMC Public Health, 2022, 22, 1003.	2.9	4
46	Estimated Sensitivity Values of Severe Acute Respiratory Syndrome Coronavirus 2 Tests from Cross-sectional Data Warrant Caution Due to Unvalidated Model Assumptions. Clinical Infectious Diseases, 2021, 73, e3984-e3985.	5.8	0
47	Age and geographic dependence of Zika virus infection during the outbreak on Yap island, 2007. Mathematical Biosciences and Engineering, 2020, 17, 4115-4126.	1.9	0
48	Title is missing!. , 2019, 15, e1007589.		0
49	Title is missing!. , 2019, 15, e1007589.		0
50	Title is missing!. , 2019, 15, e1007589.		0
51	Title is missing!. , 2019, 15, e1007589.		0
52	â€œNot finding causal effectâ€™ is not â€œfinding no causal effectâ€™ of school closure on COVID-19. F1000Research, 0, 11, 456.	1.6	0
53	Transmission dynamics of SARS-CoV-2 in a strictly-Orthodox Jewish community in the UK. Scientific Reports, 2022, 12, .	3.3	0