

Akira Endo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

2,996
citations

22
h-index

54
g-index

67
ext. papers

4,327
ext. citations

9.9
avg, IF

5.55
L-index

#	Paper	IF	Citations
59	Inference of the SARS-CoV-2 generation time using UK household data.. <i>ELife</i> , 2022 , 11,	8.9	5
58	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	11.4	1
57	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model.. <i>BMC Public Health</i> , 2022 , 22, 1003	4.1	2
56	Within and between classroom transmission patterns of seasonal influenza among primary school students in Matsumoto city, Japan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
55	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	10.5	2
54	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	17.4	12
53	Estimated Sensitivity Values of Severe Acute Respiratory Syndrome Coronavirus 2 Tests from Cross-sectional Data Warrant Caution Due to Unvalidated Model Assumptions. <i>Clinical Infectious Diseases</i> , 2021 , 73, e3984-e3985	11.6	
52	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	17.4	12
51	Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. <i>Lancet Public Health, The</i> , 2021 , 6, e175-e183	22.4	69
50	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	3.3	6
49	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, The</i> , 2021 , 21, 962-974	25.5	57
48	SARS-CoV-2 infection risk during delivery of childhood vaccination campaigns: a modelling study. <i>BMC Medicine</i> , 2021 , 19, 198	11.4	2
47	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	11.4	7
46	Contact tracing is an imperfect tool for controlling COVID-19 transmission and relies on population adherence. <i>Nature Communications</i> , 2021 , 12, 5412	17.4	2
45	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,	19.8	8
44	Bias correction methods for test-negative designs in the presence of misclassification. <i>Epidemiology and Infection</i> , 2020 , 148, e216	4.3	0
43	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, The</i> , 2020 , 20, 1151-1160	25.5	416

42	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	13.6	444
41	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. <i>Wellcome Open Research</i> , 2020 , 5, 67	4.8	226
40	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. <i>Wellcome Open Research</i> , 2020 , 5, 67	4.8	342
39	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. <i>Wellcome Open Research</i> , 2020 , 5, 239	4.8	31
38	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,	19.8	24
37	The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship. <i>ELife</i> , 2020 , 9,	8.9	43
36	Age and geographic dependence of Zika virus infection during the outbreak on Yap island, 2007. <i>Mathematical Biosciences and Engineering</i> , 2020 , 17, 4115-4126	2.1	
35	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. <i>BMC Medicine</i> , 2020 , 18, 324	11.4	36
34	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. <i>BMC Medicine</i> , 2020 , 18, 332	11.4	80
33	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	11.5	28
32	Using a real-world network to model localized COVID-19 control strategies. <i>Nature Medicine</i> , 2020 , 26, 1616-1622	50.5	97
31	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	13.6	154
30	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> , 2020 , 5, e375-e385	22.4	453
29	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	11.4	15
28	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. <i>Wellcome Open Research</i> , 2020 , 5, 239	4.8	35
27	Introduction to particle Markov-chain Monte Carlo for disease dynamics modellers. <i>Epidemics</i> , 2019 , 29, 100363	5.1	23
26	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	5	18
25	Fine-scale family structure shapes influenza transmission risk in households: Insights from primary schools in Matsumoto city, 2014/15 2019 , 15, e1007589		

24	Fine-scale family structure shapes influenza transmission risk in households: Insights from primary schools in Matsumoto city, 2014/15 2019 , 15, e1007589		
23	Fine-scale family structure shapes influenza transmission risk in households: Insights from primary schools in Matsumoto city, 2014/15 2019 , 15, e1007589		
22	Fine-scale family structure shapes influenza transmission risk in households: Insights from primary schools in Matsumoto city, 2014/15 2019 , 15, e1007589		
21	Capturing the transmission dynamics of the 2009 Japanese pandemic influenza H1N1 in the presence of heterogeneous immunity. <i>Annals of Epidemiology</i> , 2018 , 28, 293-300.e1	6.4	4
20	Infectious disease risks among refugees from North Korea. <i>International Journal of Infectious Diseases</i> , 2018 , 66, 22-25	10.5	6
19	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	3.1	17
18	The Role of Migration in Maintaining the Transmission of Avian Influenza in Waterfowl: A Multisite Multispecies Transmission Model along East Asian-Australian Flyway. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2018 , 2018, 3420535	2.6	4
17	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	3	27
16	Development of Novel Criteria of the "Lethal Triad" as an Indicator of Decision Making in Current Trauma Care: A Retrospective Multicenter Observational Study in Japan. <i>Critical Care Medicine</i> , 2016 , 44, e797-803	1.4	17
15	Transmission dynamics of vivax malaria in the republic of Korea: Effectiveness of anti-malarial mass chemoprophylaxis. <i>Journal of Theoretical Biology</i> , 2015 , 380, 499-505	2.3	4
14	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	11.4	30
13	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. <i>Wellcome Open Research</i> , 5, 67	4.8	18
12	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. <i>Wellcome Open Research</i> , 5, 112	4.8	98
11	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. <i>Wellcome Open Research</i> , 5, 112	4.8	58
10	Estimating number of cases and spread of Coronavirus disease 2019 (COVID-19) in the United Kingdom using critical care admissions, February to March 2020		1
9	Bias correction methods for test-negative designs in the presence of misclassification		1
8	Strategies to reduce the risk of SARS-CoV-2 re-introduction from international travellers		27
7	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreak		5

6	Implications of the school-household network structure on SARS-CoV-2 transmission under different school reopening strategies in England	9
5	Fine-scale family structure shapes influenza transmission risk in households: insights from a study of primary school students in Matsumoto city, 2014/15	2
4	Inference of SARS-CoV-2 generation times using UK household data	8
3	Within and between classroom transmission patterns of seasonal influenza among primary school students in Matsumoto city, Japan	1
2	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. <i>Wellcome Open Research</i> ,5, 239	4.8 4
1	Not finding causal effect is not finding no causal effect of school closure on COVID-19. <i>F1000Research</i> ,11, 456	3.6