Nikos I Bosse

List of Publications by Citations

33 papers	6,279 citations	18 h-index	39 g-index
39 ext. papers	8,576 ext. citations	14.6 avg, IF	5.71 L-index

#	Paper	IF	Citations
33	Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts. *The Lancet Global Health*, **2020**, 8, e488-e496	13.6	1460
32	Early dynamics of transmission and control of COVID-19: a mathematical modelling study. *Lancet Infectious Diseases, The*, **2020**, 20, 553-558	25.5	1372
31	The effect of control strategies to reduce social mixing on outcomes of the COVID-19 epidemic in Wuhan, China: a modelling study. *Lancet Public Health, The*, **2020**, 5, e261-e270	22.4	1139
30	Effects of non-pharmaceutical interventions on COVID-19 cases, deaths, and demand for hospital services in the UK: a modelling study. *Lancet Public Health, The*, **2020**, 5, e375-e385	22.4	453
29	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. *The Lancet Global Health*, **2020**, 8, e1003-e1017	13.6	444
28	Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study. *Lancet Infectious Diseases, The* , **2020**, 20, 1151-1160	25.5	416
27	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. *The Lancet Global Health*, **2020**, 8, e1264-e1272	13.6	154
26	Practical considerations for measuring the effective reproductive number, Rt. *PLoS Computational Biology*, **2020**, 16, e1008409	5	140
25	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. *Wellcome Open Research*,5, 112	4.8	98
24	Using a real-world network to model localized COVID-19 control strategies. *Nature Medicine*, **2020**, 26, 1616-1622	50.5	97
23	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. *BMC Medicine*, **2020**, 18, 332	11.4	80
22	Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. *Lancet Public Health, The*, **2021**, 6, e175-e183	22.4	69
21	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. *Wellcome Open Research*,5, 112	4.8	58
20	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. *Lancet Infectious Diseases, The*, **2021**, 21, 962-974	25.5	57
19	Practical considerations for measuring the effective reproductive number, **2020**,		46
18	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. *BMC Medicine*, **2020**, 18, 324	11.4	36
17	Inferring the number of COVID-19 cases from recently reported deaths. *Wellcome Open Research*, **2020**, 5, 78	4.8	25

16	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the US		20
15	The effect of travel restrictions on the geographical spread of COVID-19 between large cities in China: a modelling study. *BMC Medicine*, **2020**, 18, 259	11.4	15
14	A pre-registered short-term forecasting study of COVID-19 in Germany and Poland during the second wave. *Nature Communications*, **2021**, 12, 5173	17.4	15
13	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2113561119	11.5	13
12	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. *Nature Communications*, **2021**, 12, 5968	17.4	12
11	Implications of the school-household network structure on SARS-CoV-2 transmission under school reopening strategies in England. *Nature Communications*, **2021**, 12, 1942	17.4	12
10	Implications of the school-household network structure on SARS-CoV-2 transmission under different school reopening strategies in England		9
9	Short-term forecasts to inform the response to the Covid-19 epidemic in the UK		7
8	Estimating the impact of reopening schools on the reproduction number of SARS-CoV-2 in England, using weekly contact survey data. *BMC Medicine*, **2021**, 19, 233	11.4	7
7	Inferring the number of COVID-19 cases from recently reported deaths **2020**,		5
6	Exploring surveillance data biases when estimating the reproduction number: with insights into subpopulation transmission of COVID-19 in England. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2021**, 376, 20200283	5.8	5
5	Measuring the effects of COVID-19-related disruption on dengue transmission in southeast Asia and Latin America: a statistical modelling study.. *Lancet Infectious Diseases, The*, **2022**,	25.5	5
4	SARS-CoV-2 infection risk during delivery of childhood vaccination campaigns: a modelling study. *BMC Medicine*, **2021**, 19, 198	11.4	2
3	Contact tracing is an imperfect tool for controlling COVID-19 transmission and relies on population adherence. *Nature Communications*, **2021**, 12, 5412	17.4	2
2	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model.. *BMC Public Health*, **2022**, 22, 1003	4.1	2
1	Using high-resolution contact networks to evaluate SARS-CoV-2 transmission and control in large-scale multi-day events.. *Nature Communications*, **2022**, 13, 1956	17.4	1