

# Rosanna C Barnard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1245626/publications.pdf>

Version: 2024-02-01

12  
papers

2,681  
citations

1163117

8  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

6895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. <i>Science</i> , 2021, 372, .	12.6	2,103
2	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
3	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
4	Association of tiered restrictions and a second lockdown with COVID-19 deaths and hospital admissions in England: a modelling study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 482-492.	9.1	100
5	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
6	Optimising health and economic impacts of COVID-19 vaccine prioritisation strategies in the WHO European Region: a mathematical modelling study. <i>Lancet Regional Health - Europe</i> , The, 2022, 12, 100267.	5.6	24
7	Dosing interval strategies for two-dose COVID-19 vaccination in 13 middle-income countries of Europe: Health impact modelling and benefit-risk analysis. <i>Lancet Regional Health - Europe</i> , The, 2022, 17, 100381.	5.6	15
8	Impact of non-pharmaceutical interventions on SARS-CoV-2 outbreaks in English care homes: a modelling study. <i>BMC Infectious Diseases</i> , 2022, 22, 324.	2.9	12
9	Edge-Based Compartmental Modelling of an SIR Epidemic on a Dual-Layer Staticâ€“Dynamic Multiplex Network with Tunable Clustering. <i>Bulletin of Mathematical Biology</i> , 2018, 80, 2698-2733.	1.9	9
10	Unexposed populations and potential COVID-19 hospitalisations and deaths in European countries as per data up to 21 November 2021. <i>Eurosurveillance</i> , 2022, 27, .	7.0	8
11	Epidemic threshold in pairwise models for clustered networks: closures and fast correlations. <i>Journal of Mathematical Biology</i> , 2019, 79, 823-860.	1.9	7
12	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model. <i>BMC Public Health</i> , 2022, 22, 1003.	2.9	4