

# Swapnil Mishra

## List of Publications by Citations

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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.

60  
papers

5,865  
citations

22  
h-index

68  
g-index

68  
ext. papers

9,143  
ext. citations

20.9  
avg, IF

5.26  
L-index

#	Paper	IF	Citations
60	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , <b>2020</b> , 584, 257-261	50.4	1469
59	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo'. <i>Nature</i> , <b>2020</b> , 584, 425-429	50.4	631
58	Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , <b>2021</b> , 372, 815-821	33.3	603
57	Assessing transmissibility of SARS-CoV-2 lineage B.1.1.7 in England. <i>Nature</i> , <b>2021</b> , 593, 266-269	50.4	452
56	The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. <i>Science</i> , <b>2020</b> , 369, 413-422	33.3	440
55	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , <b>2021</b> , 599, 114-119	50.4	334
54	Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e1132-e1141	13.6	307
53	Transmission of SARS-CoV-2 Lineage B.1.1.7 in England: Insights from linking epidemiological and genetic data		299
52	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , <b>2020</b> , 369, 1255-1260	33.3	277
51	Age groups that sustain resurging COVID-19 epidemics in the United States. <i>Science</i> , <b>2021</b> , 371,	33.3	107
50	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , <b>2020</b> , 20, 1381-1389	25.5	102
49	Genomic characterization and epidemiology of an emerging SARS-CoV-2 variant in Delhi, India. <i>Science</i> , <b>2021</b> , 374, 995-999	33.3	77
48	Response to COVID-19 in South Korea and implications for lifting stringent interventions. <i>BMC Medicine</i> , <b>2020</b> , 18, 321	11.4	66
47	SARS-CoV-2 B.1.617.2 Delta variant replication, sensitivity to neutralising antibodies and vaccine breakthrough		62
46	Feature Driven and Point Process Approaches for Popularity Prediction <b>2016</b> ,		58
45	State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , <b>2020</b> , 11, 6189	17.4	54
44	Changing composition of SARS-CoV-2 lineages and rise of Delta variant in England. <i>EClinicalMedicine</i> , <b>2021</b> , 39, 101064	11.3	54

43	Have deaths from COVID-19 in Europe plateaued due to herd immunity?. <i>Lancet, The</i> , <b>2020</b> , 395, e110-e111	4.1	53
42	Genomics and epidemiology of a novel SARS-CoV-2 lineage in Manaus, Brazil <b>2021</b> ,		53
41	Genomic characterization and Epidemiology of an emerging SARS-CoV-2 variant in Delhi, India		42
40	Anonymised and aggregated crowd level mobility data from mobile phones suggests that initial compliance with COVID-19 social distancing interventions was high and geographically consistent across the UK. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 170	4.8	36
39	SIR-Hawkes <b>2018</b> ,		27
38	Experiments with non-parametric topic models <b>2014</b> ,		22
37	Understanding the effectiveness of government interventions against the resurgence of COVID-19 in Europe. <i>Nature Communications</i> , <b>2021</b> , 12, 5820	17.4	22
36	Quantifying Online News Media Coverage of the COVID-19 Pandemic: Text Mining Study and Resource. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e28253	7.6	18
35	Hawkes processes for events in social media <b>2017</b> , 191-218		15
34	Resurgence of SARS-CoV-2 in India: Potential role of the B.1.617.2 (Delta) variant and delayed interventions		15
33	State-level tracking of COVID-19 in the United States		14
32	Subnational analysis of the COVID-19 epidemic in Brazil		12
31	Report 32: Age groups that sustain resurging COVID-19 epidemics in the United States		11
30	A COVID-19 Model for Local Authorities of the United Kingdom		11
29	Genetic evidence for the association between COVID-19 epidemic severity and timing of non-pharmaceutical interventions. <i>Nature Communications</i> , <b>2021</b> , 12, 2188	17.4	11
28	Is the cure really worse than the disease? The health impacts of lockdowns during COVID-19. <i>BMJ Global Health</i> , <b>2021</b> , 6,	6.6	11
27	Inference of COVID-19 epidemiological distributions from Brazilian hospital data. <i>Journal of the Royal Society Interface</i> , <b>2020</b> , 17, 20200596	4.1	10
26	A comparison of five epidemiological models for transmission of SARS-CoV-2 in India. <i>BMC Infectious Diseases</i> , <b>2021</b> , 21, 533	4	10

25	Understanding the effectiveness of government interventions in Europe's second wave of COVID-19		9
24	Maps and metrics of insecticide-treated net access, use, and nets-per-capita in Africa from 2000-2020. <i>Nature Communications</i> , <b>2021</b> , 12, 3589	17.4	8
23	A unified machine learning approach to time series forecasting applied to demand at emergency departments. <i>BMC Emergency Medicine</i> , <b>2021</b> , 21, 9	2.4	7
22	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1007707	5	6
21	Evolution and epidemic spread of SARS-CoV-2 in Brazil		6
20	Comparing the responses of the UK, Sweden and Denmark to COVID-19 using counterfactual modelling. <i>Scientific Reports</i> , <b>2021</b> , 11, 16342	4.9	5
19	SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. <i>Journal of Travel Medicine</i> , <b>2020</b> , 27,	12.9	4
18	Modelling the impact of the tier system on SARS-CoV-2 transmission in the UK between the first and second national lockdowns. <i>BMJ Open</i> , <b>2021</b> , 11, e050346	3	4
17	Reply to: The effect of interventions on COVID-19. <i>Nature</i> , <b>2020</b> , 588, E29-E32	50.4	3
16	Report 46: Factors driving extensive spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals <b>2021</b> ,		3
15	Environmental drivers of SARS-CoV-2 lineage B.1.1.7 transmission intensity		3
14	Using Hawkes Processes to model imported and local malaria cases in near-elimination settings. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1008830	5	3
13	Database of epidemic trends and control measures during the first wave of COVID-19 in mainland China. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 102, 463-471	10.5	3
12	Host or pathogen-related factors in COVID-19 severity? - Authors' reply. <i>Lancet, The</i> , <b>2020</b> , 396, 1397	40	2
11	Inference of COVID-19 epidemiological distributions from Brazilian hospital data		2
10	A comparison of five epidemiological models for transmission of SARS-CoV-2 in India		2
9	A modified two-process Knox test for investigating the relationship between law enforcement opioid seizures and overdoses. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2021</b> , 477, 20210195	2.4	2
8	A dataset of non-pharmaceutical interventions on SARS-CoV-2 in Europe.. <i>Scientific Data</i> , <b>2022</b> , 9, 145	8.2	2

- 7 COVID-19 epidemic severity is associated with timing of non-pharmaceutical interventions 1
- 6 Using Hawkes Processes to model imported and local malaria cases in near-elimination settings 1
- 5 Impact of the Tier system on SARS-CoV-2 transmission in the UK between the first and second national lockdowns 1
- 4 Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach **2020**, 16, e1007707
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