

# Swapnil Mishra

## 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.

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	A dataset of non-pharmaceutical interventions on SARS-CoV-2 in Europe.. <i>Scientific Data</i> , <b>2022</b> , 9, 145	8.2	2
59	Report 46: Factors driving extensive spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals <b>2021</b> ,		3
58	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
57	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
56	Genomics and epidemiology of a novel SARS-CoV-2 lineage in Manaus, Brazil <b>2021</b> ,		53
55	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
54	Age groups that sustain resurging COVID-19 epidemics in the United States. <i>Science</i> , <b>2021</b> , 371,	33.3	107
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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

43	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
42	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
41	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
40	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
39	Reply to: The effect of interventions on COVID-19. <i>Nature</i> , <b>2020</b> , 588, E29-E32	50.4	3
38	Host or pathogen-related factors in COVID-19 severity? - Authors' reply. <i>Lancet, The</i> , <b>2020</b> , 396, 1397	40	2
37	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
36	Have deaths from COVID-19 in Europe plateaued due to herd immunity?. <i>Lancet, The</i> , <b>2020</b> , 395, e110-e111	41	53
35	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
34	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
33	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , <b>2020</b> , 584, 257-261	50.4	1469
32	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
31	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
30	State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , <b>2020</b> , 11, 6189	17.4	54
29	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , <b>2020</b> , 369, 1255-1260	33.3	277
28	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
27	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
26	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

25	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1381-1389	25.5	102
24	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach <b>2020</b> , 16, e1007707		
23	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach <b>2020</b> , 16, e1007707		
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21	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach <b>2020</b> , 16, e1007707		
20	SIR-Hawkes <b>2018</b> ,		27
19	Hawkes processes for events in social media <b>2017</b> , 191-218		15
18	Feature Driven and Point Process Approaches for Popularity Prediction <b>2016</b> ,		58
17	Experiments with non-parametric topic models <b>2014</b> ,		22
16	COVID-19 epidemic severity is associated with timing of non-pharmaceutical interventions		1
15	Subnational analysis of the COVID-19 epidemic in Brazil		12
14	Evolution and epidemic spread of SARS-CoV-2 in Brazil		6
13	State-level tracking of COVID-19 in the United States		14
12	Inference of COVID-19 epidemiological distributions from Brazilian hospital data		2
11	Using Hawkes Processes to model imported and local malaria cases in near-elimination settings		1
10	Report 32: Age groups that sustain resurging COVID-19 epidemics in the United States		11
9	A comparison of five epidemiological models for transmission of SARS-CoV-2 in India		2
8	A COVID-19 Model for Local Authorities of the United Kingdom		11

7	Environmental drivers of SARS-CoV-2 lineage B.1.1.7 transmission intensity	3
6	Understanding the effectiveness of government interventions in Europe's second wave of COVID-19	9
5	SARS-CoV-2 B.1.617.2 Delta variant replication, sensitivity to neutralising antibodies and vaccine breakthrough	62
4	Resurgence of SARS-CoV-2 in India: Potential role of the B.1.617.2 (Delta) variant and delayed interventions	15
3	Genomic characterization and Epidemiology of an emerging SARS-CoV-2 variant in Delhi, India	42
2	Transmission of SARS-CoV-2 Lineage B.1.1.7 in England: Insights from linking epidemiological and genetic data	299
1	Impact of the Tier system on SARS-CoV-2 transmission in the UK between the first and second national lockdowns	1