

Samir Bhatt

List of Publications by Year in Descending Order

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Version: 2024-04-24

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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.

166
papers

37,668
citations

59
h-index

186
g-index

186
ext. papers

49,405
ext. citations

18.8
avg, IF

6.36
L-index

#	Paper	IF	Citations
166	Novel Epidemic Metrics to Communicate Outbreak Risk at the Municipality Level: Dengue and Zika in the Dominican Republic.. <i>Viruses</i> , 2022 , 14,	6.2	1
165	Purifying selection determines the short-term time dependency of evolutionary rates in SARS-CoV-2 and pH1N1 influenza.. <i>Molecular Biology and Evolution</i> , 2022 ,	8.3	5
164	Comparative analysis of the risks of hospitalisation and death associated with SARS-CoV-2 omicron (B.1.1.529) and delta (B.1.617.2) variants in England: a cohort study.. <i>Lancet, The</i> , 2022 ,	40	86
163	Global, regional, and national minimum estimates of children affected by COVID-19-associated orphanhood and caregiver death, by age and family circumstance up to Oct 31, 2021: an updated modelling study.. <i>The Lancet Child and Adolescent Health</i> , 2022 ,	14.5	5
162	A dataset of non-pharmaceutical interventions on SARS-CoV-2 in Europe.. <i>Scientific Data</i> , 2022 , 9, 145	8.2	2
161	A novel statistical framework for exploring the population dynamics and seasonality of mosquito populations.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20220089	4.4	1
160	Risk of hospitalisation associated with infection with SARS-CoV-2 omicron variant versus delta variant in Denmark: an observational cohort study.. <i>Lancet Infectious Diseases, The</i> , 2022 ,	25.5	9
159	Context-specific emergence and growth of the SARS-CoV-2 Delta variant. 2021 ,		3
158	Track Omicron's spread with molecular data. <i>Science</i> , 2021 , 374, eabn4543	33.3	44
157	Report 46: Factors driving extensive spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals 2021 ,		3
156	Genomic characterization and epidemiology of an emerging SARS-CoV-2 variant in Delhi, India. <i>Science</i> , 2021 , 374, 995-999	33.3	77
155	Understanding the effectiveness of government interventions against the resurgence of COVID-19 in Europe. <i>Nature Communications</i> , 2021 , 12, 5820	17.4	22
154	Genomics and epidemiology of a novel SARS-CoV-2 lineage in Manaus, Brazil 2021 ,		53
153	Implications of a highly transmissible variant of SARS-CoV-2 for children. <i>Archives of Disease in Childhood</i> , 2021 , 106, e37	2.2	5
152	Assessing transmissibility of SARS-CoV-2 lineage B.1.1.7 in England. <i>Nature</i> , 2021 , 593, 266-269	50.4	452
151	Age groups that sustain resurging COVID-19 epidemics in the United States. <i>Science</i> , 2021 , 371,	33.3	107
150	Using Hawkes Processes to model imported and local malaria cases in near-elimination settings. <i>PLoS Computational Biology</i> , 2021 , 17, e1008830	5	3

149	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> , 2021 , 11, e050346	3	4
148	Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , 2021 , 372, 815-821	33.3	603
147	Multimodal deep learning from satellite and street-level imagery for measuring income, overcrowding, and environmental deprivation in urban areas. <i>Remote Sensing of Environment</i> , 2021 , 257, 112339	13.2	6
146	Maps and metrics of insecticide-treated net access, use, and nets-per-capita in Africa from 2000-2020. <i>Nature Communications</i> , 2021 , 12, 3589	17.4	8
145	Quantifying Online News Media Coverage of the COVID-19 Pandemic: Text Mining Study and Resource. <i>Journal of Medical Internet Research</i> , 2021 , 23, e28253	7.6	18
144	Database of epidemic trends and control measures during the first wave of COVID-19 in mainland China. <i>International Journal of Infectious Diseases</i> , 2021 , 102, 463-471	10.5	3
143	Indirect effects of the COVID-19 pandemic on malaria intervention coverage, morbidity, and mortality in Africa: a geospatial modelling analysis. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 59-69	25.5	71
142	A unified machine learning approach to time series forecasting applied to demand at emergency departments. <i>BMC Emergency Medicine</i> , 2021 , 21, 9	2.4	7
141	Reduction in mobility and COVID-19 transmission. <i>Nature Communications</i> , 2021 , 12, 1090	17.4	142
140	Is the cure really worse than the disease? The health impacts of lockdowns during COVID-19. <i>BMJ Global Health</i> , 2021 , 6,	6.6	11
139	Global minimum estimates of children affected by COVID-19-associated orphanhood and deaths of caregivers: a modelling study. <i>Lancet, The</i> , 2021 , 398, 391-402	40	64
138	Inference of malaria reproduction numbers in three elimination settings by combining temporal data and distance metrics. <i>Scientific Reports</i> , 2021 , 11, 14495	4.9	1
137	The association between mechanical ventilator compatible bed occupancy and mortality risk in intensive care patients with COVID-19: a national retrospective cohort study. <i>BMC Medicine</i> , 2021 , 19, 213	11.4	9
136	Comparing the responses of the UK, Sweden and Denmark to COVID-19 using counterfactual modelling. <i>Scientific Reports</i> , 2021 , 11, 16342	4.9	5
135	Global disparities in SARS-CoV-2 genomic surveillance 2021 ,		26
134	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , 2021 , 599, 114-119	50.4	334
133	Changing composition of SARS-CoV-2 lineages and rise of Delta variant in England. <i>EClinicalMedicine</i> , 2021 , 39, 101064	11.3	54
132	The impact of the COVID-19 pandemic on patterns of attendance at emergency departments in two large London hospitals: an observational study. <i>BMC Health Services Research</i> , 2021 , 21, 1008	2.9	3

131	Context-specific emergence and growth of the SARS-CoV-2 Delta variant. 2021 ,		2
130	Reply to: The effect of interventions on COVID-19. <i>Nature</i> , 2020 , 588, E29-E32	50.4	3
129	Host or pathogen-related factors in COVID-19 severity? - Authors' reply. <i>Lancet, The</i> , 2020 , 396, 1397	40	2
128	The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. <i>Science</i> , 2020 , 369, 413-422	33.3	440
127	Have deaths from COVID-19 in Europe plateaued due to herd immunity?. <i>Lancet, The</i> , 2020 , 395, e110-e111	40	53
126	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> , 2020 , 16, e1007707	5	6
125	Housing and child health in sub-Saharan Africa: A cross-sectional analysis. <i>PLoS Medicine</i> , 2020 , 17, e1003055	30.5	34
124	A joint Bayesian space-time model to integrate spatially misaligned air pollution data in R-INLA. <i>Environmetrics</i> , 2020 , 31, e2644	1.3	2
123	Mapping trends in insecticide resistance phenotypes in African malaria vectors. <i>PLoS Biology</i> , 2020 , 18, e3000633	9.7	36
122	Mapping malaria seasonality in Madagascar using health facility data. <i>BMC Medicine</i> , 2020 , 18, 26	11.4	10
121	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020 , 5, 81	4.8	45
120	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020 , 5, 81	4.8	57
119	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , 2020 , 584, 257-261	50.4	1469
118	Global maps of travel time to healthcare facilities. <i>Nature Medicine</i> , 2020 , 26, 1835-1838	50.5	45
117	Global estimation of anti-malarial drug effectiveness for the treatment of uncomplicated Plasmodium falciparum malaria 1991-2019. <i>Malaria Journal</i> , 2020 , 19, 374	3.6	9
116	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> , 2020 , 8, e1132-e1141	13.6	307
115	Inference of COVID-19 epidemiological distributions from Brazilian hospital data. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200596	4.1	10
114	State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , 2020 , 11, 6189	17.4	54

113	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020 , 369, 1255-1260	33.3	277
112	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo'. <i>Nature</i> , 2020 , 584, 425-429	50.4	631
111	Response to COVID-19 in South Korea and implications for lifting stringent interventions. <i>BMC Medicine</i> , 2020 , 18, 321	11.4	66
110	SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. <i>Journal of Travel Medicine</i> , 2020 , 27,	12.9	4
109	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , <i>The</i> , 2020 , 20, 1381-1389	25.5	102
108	Estimating malaria incidence from routine health facility-based surveillance data in Uganda. <i>Malaria Journal</i> , 2020 , 19, 445	3.6	0
107	Environmental temperature and growth faltering in African children: a cross-sectional study. <i>Lancet Planetary Health</i> , <i>The</i> , 2020 , 4, e116-e123	9.8	6
106	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
105	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
104	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
103	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
102	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
101	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
100	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		
99	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		
98	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		
97	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		
96	Geo-spatial modeling of access to water and sanitation in Nigeria. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2019 , 9, 258-280	1.5	3

95	Spatial analysis made easy with linear regression and kernels. <i>Epidemics</i> , 2019 , 29, 100362	5.1	6
94	Malaria eradication within a generation: ambitious, achievable, and necessary. <i>Lancet, The</i> , 2019 , 394, 1056-1112	40	130
93	Identifying residual hotspots and mapping lower respiratory infection morbidity and mortality in African children from 2000 to 2017. <i>Nature Microbiology</i> , 2019 , 4, 2310-2318	26.6	15
92	Mapping the global prevalence, incidence, and mortality of Plasmodium falciparum, 2000-17: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 394, 322-331	40	155
91	Mapping the global endemicity and clinical burden of Plasmodium vivax, 2000-17: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 394, 332-343	40	149
90	The contribution of non-malarial febrile illness co-infections to Plasmodium falciparum case counts in health facilities in sub-Saharan Africa. <i>Malaria Journal</i> , 2019 , 18, 195	3.6	10
89	Mapping changes in housing in sub-Saharan Africa from 2000 to 2015. <i>Nature</i> , 2019 , 568, 391-394	50.4	74
88	Mapping diphtheria-pertussis-tetanus vaccine coverage in Africa, 2000-2016: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 393, 1843-1855	40	55
87	Utilizing general human movement models to predict the spread of emerging infectious diseases in resource poor settings. <i>Scientific Reports</i> , 2019 , 9, 5151	4.9	55
86	Causal Inference in Spatial Mapping. <i>Trends in Parasitology</i> , 2019 , 35, 743-746	6.4	2
85	Mosquito feeding behavior and how it influences residual malaria transmission across Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15086-15095	11.5	87
84	Estimating the burden of β -thalassaemia in Thailand using a comprehensive prevalence database for Southeast Asia. <i>ELife</i> , 2019 , 8,	8.9	6
83	The changing landscape of Plasmodium falciparum drug resistance in the Democratic Republic of Congo. <i>BMC Infectious Diseases</i> , 2019 , 19, 872	4	7
82	Mapping child growth failure in Africa between 2000 and 2015. <i>Nature</i> , 2018 , 555, 41-47	50.4	118
81	Mapping local variation in educational attainment across Africa. <i>Nature</i> , 2018 , 555, 48-53	50.4	52
80	A global map of travel time to cities to assess inequalities in accessibility in 2015. <i>Nature</i> , 2018 , 553, 333-336	5.1	376
79	Targeting the right interventions to the right people and places: the role of geospatial analysis in HIV program planning. <i>Aids</i> , 2018 , 32, 957-963	3.5	23
78	Modelling the impact of larviciding on the population dynamics and biting rates of Simulium damnosum (s.l.): implications for vector control as a complementary strategy for onchocerciasis elimination in Africa. <i>Parasites and Vectors</i> , 2018 , 11, 316	4	10

77	Spatial mapping with Gaussian processes and nonstationary Fourier features. <i>Spatial Statistics</i> , 2018 , 28, 59-78	2.2	17
76	Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1684-1735	4.0	483
75	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1859-1922	4.0	1283
74	The spatial epidemiology of sickle-cell anaemia in India. <i>Scientific Reports</i> , 2018 , 8, 17685	4.9	33
73	malariaAtlas: an R interface to global malariometric data hosted by the Malaria Atlas Project. <i>Malaria Journal</i> , 2018 , 17, 352	3.6	38
72	Variation in Childhood Diarrheal Morbidity and Mortality in Africa, 2000-2015. <i>New England Journal of Medicine</i> , 2018 , 379, 1128-1138	59.2	68
71	Associated patterns of insecticide resistance in field populations of malaria vectors across Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 5938-5943	11.5	33
70	Estimating spatiotemporally varying malaria reproduction numbers in a near elimination setting. <i>Nature Communications</i> , 2018 , 9, 2476	17.4	12
69	Population coverage of artemisinin-based combination treatment in children younger than 5 years with fever and Plasmodium falciparum infection in Africa, 2003-2015: a modelling study using data from national surveys. <i>The Lancet Global Health</i> , 2017 , 5, e418-e427	13.6	40
68	Mapping under-5 and neonatal mortality in Africa, 2000-15: a baseline analysis for the Sustainable Development Goals. <i>Lancet, The</i> , 2017 , 390, 2171-2182	4.0	142
67	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. <i>Lancet, The</i> , 2017 , 390, 2662-2672	4.0	51
66	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1260-1344	4.0	1152
65	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1151-1210	4.0	2542
64	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1211-1259	4.0	3432
63	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1423-1459	4.0	224
62	Improved prediction accuracy for disease risk mapping using Gaussian process stacked generalization. <i>Journal of the Royal Society Interface</i> , 2017 , 14,	4.1	61
61	Spectrum-Malaria: a user-friendly projection tool for health impact assessment and strategic planning by malaria control programmes in sub-Saharan Africa. <i>Malaria Journal</i> , 2017 , 16, 68	3.6	10
60	Geographical distributions of African malaria vector sibling species and evidence for insecticide resistance. <i>Malaria Journal</i> , 2017 , 16, 85	3.6	72

59	Global investment targets for malaria control and elimination between 2016 and 2030. <i>BMJ Global Health</i> , 2017 , 2, e000176	6.6	29
58	Quantifying the contribution of malaria to febrile illness amongst African children. <i>ELife</i> , 2017 , 6,	8.9	24
57	Treatment-seeking rates in malaria endemic countries. <i>Malaria Journal</i> , 2016 , 15, 20	3.6	37
56	Potential for reduction of burden and local elimination of malaria by reducing Plasmodium falciparum malaria transmission: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , 2016 , 16, 465-72	25.5	74
55	Updates to the zoonotic niche map of Ebola virus disease in Africa. <i>ELife</i> , 2016 , 5,	8.9	46
54	Faster Adaptation in Smaller Populations: Counterintuitive Evolution of HIV during Childhood Infection. <i>PLoS Computational Biology</i> , 2016 , 12, e1004694	5	6
53	Estimating Geographical Variation in the Risk of Zoonotic Plasmodium knowlesi Infection in Countries Eliminating Malaria. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004915	4.8	51
52	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet</i> , 2016 , 388, 1603-1658	40	1216
51	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet</i> , 2016 , 388, 1545-1602	40	3801
50	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet</i> , 2016 , 388, 1659-1724	40	2431
49	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet</i> , 2016 , 388, 1725-1774	40	413
48	Mapping Plasmodium falciparum Mortality in Africa between 1990 and 2015. <i>New England Journal of Medicine</i> , 2016 , 375, 2435-2445	59.2	166
47	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet</i> , 2016 , 388, 1813-1850	40	302
46	Re-examining environmental correlates of Plasmodium falciparum malaria endemicity: a data-intensive variable selection approach. <i>Malaria Journal</i> , 2015 , 14, 68	3.6	72
45	Defining the relationship between infection prevalence and clinical incidence of Plasmodium falciparum malaria. <i>Nature Communications</i> , 2015 , 6, 8170	17.4	52
44	The effect of malaria control on Plasmodium falciparum in Africa between 2000 and 2015. <i>Nature</i> , 2015 , 526, 207-211	50.4	1499
43	Standardizing Plasmodium falciparum infection prevalence measured via microscopy versus rapid diagnostic test. <i>Malaria Journal</i> , 2015 , 14, 460	3.6	19
42	Coverage and system efficiencies of insecticide-treated nets in Africa from 2000 to 2017. <i>ELife</i> , 2015 , 4,	8.9	94

41	Declining malaria in Africa: improving the measurement of progress. <i>Malaria Journal</i> , 2014 , 13, 39	3.6	32
40	Geographical variation in Plasmodium vivax relapse. <i>Malaria Journal</i> , 2014 , 13, 144	3.6	167
39	Air temperature suitability for Plasmodium falciparum malaria transmission in Africa 2000-2012: a high-resolution spatiotemporal prediction. <i>Malaria Journal</i> , 2014 , 13, 171	3.6	51
38	Global spread of dengue virus types: mapping the 70 year history. <i>Trends in Microbiology</i> , 2014 , 22, 138-46	4.4	368
37	Global distribution maps of the leishmaniases. <i>ELife</i> , 2014 , 3,	8.9	151
36	Mapping the zoonotic niche of Ebola virus disease in Africa. <i>ELife</i> , 2014 , 3, e04395	8.9	234
35	Defining the geographical range of the Plasmodium knowlesi reservoir. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2780	4.8	67
34	Predicting the risk of avian influenza A H7N9 infection in live-poultry markets across Asia. <i>Nature Communications</i> , 2014 , 5, 4116	17.4	124
33	An effective approach for gap-filling continental scale remotely sensed time-series. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014 , 98, 106-118	11.8	118
32	Modelling adult Aedes aegypti and Aedes albopictus survival at different temperatures in laboratory and field settings. <i>Parasites and Vectors</i> , 2013 , 6, 351	4	256
31	The evolutionary dynamics of influenza A virus adaptation to mammalian hosts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120382	5.8	35
30	The global distribution and burden of dengue. <i>Nature</i> , 2013 , 496, 504-7	50.4	5261
29	Global mapping of infectious disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120250	5.8	139
28	The distribution of haemoglobin C and its prevalence in newborns in Africa. <i>Scientific Reports</i> , 2013 , 3, 1671	4.9	55
27	Estimating reassortment rates in co-circulating Eurasian swine influenza viruses. <i>Journal of General Virology</i> , 2012 , 93, 2326-2336	4.9	36
26	Refining the global spatial limits of dengue virus transmission by evidence-based consensus. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1760	4.8	913
25	Long-term evolution and transmission dynamics of swine influenza A virus. <i>Nature</i> , 2011 , 473, 519-22	50.4	178
24	The genomic rate of molecular adaptation of the human influenza A virus. <i>Molecular Biology and Evolution</i> , 2011 , 28, 2443-51	8.3	117

23	Detecting natural selection in RNA virus populations using sequence summary statistics. <i>Infection, Genetics and Evolution</i> , 2010 , 10, 421-30	4.5	21
22	Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. <i>Nature</i> , 2009 , 459, 1122-5	50.4	1535
21	Reduced Risk of Hospitalisation Associated With Infection With SARS-CoV-2 Omicron Relative to Delta: A Danish Cohort Study. <i>SSRN Electronic Journal</i> ,	1	6
20	Mapping Trends in Insecticide Resistance Phenotypes in African Malaria Vectors		3
19	A sub-national analysis of the rate of transmission of COVID-19 in Italy		10
18	Subnational analysis of the COVID-19 epidemic in Brazil		12
17	Evolution and epidemic spread of SARS-CoV-2 in Brazil		6
16	State-level tracking of COVID-19 in the United States		14
15	Inference of COVID-19 epidemiological distributions from Brazilian hospital data		2
14	Using Hawkes Processes to model imported and local malaria cases in near-elimination settings		1
13	Report 32: Age groups that sustain resurging COVID-19 epidemics in the United States		11
12	A COVID-19 Model for Local Authorities of the United Kingdom		11
11	Quantifying the online news media coverage of the COVID-19 pandemic		3
10	Understanding the effectiveness of government interventions in Europe's second wave of COVID-19		9
9	SARS-CoV-2 B.1.617.2 Delta variant replication, sensitivity to neutralising antibodies and vaccine breakthrough		62
8	Resurgence of SARS-CoV-2 in India: Potential role of the B.1.617.2 (Delta) variant and delayed interventions		15
7	Seasonal variation in SARS-CoV-2 transmission in temperate climates		9
6	Genomic characterization and Epidemiology of an emerging SARS-CoV-2 variant in Delhi, India		42

5	Mass mask-wearing notably reduces COVID-19 transmission	6
4	Purifying selection determines the short-term time dependency of evolutionary rates in SARS-CoV-2 and pH1N1 influenza	1
3	The Ecological Structure of Mosquito Population Seasonal Dynamics	2
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