

# Alison P Galvani

## 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.

163  
papers

5,115  
citations

36  
h-index

66  
g-index

170  
ext. papers

7,152  
ext. citations

12.3  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
163	Estimating COVID-19 Infections, Hospitalizations, and Deaths Following the US Vaccination Campaigns During the Pandemic.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2142725	10.4	4
162	Quarantine and testing strategies to ameliorate transmission due to travel during the COVID-19 pandemic: a modelling study.. <i>Lancet Regional Health - Europe, The</i> , <b>2022</b> , 100304		2
161	Cost-effective proactive testing strategies during COVID-19 mass vaccination: A modelling study.. <i>The Lancet Regional Health Americas</i> , <b>2022</b> , 8, 100182		1
160	COVID-19 hospitalizations and deaths averted under an accelerated vaccination program in northeastern and southern regions of the USA.. <i>The Lancet Regional Health Americas</i> , <b>2022</b> , 6, 100147		0
159	Lives saved and hospitalizations averted by COVID-19 vaccination in New York City: a modeling study. <i>The Lancet Regional Health Americas</i> , <b>2022</b> , 5, 100085		8
158	Incentives for COVID-19 vaccination.. <i>The Lancet Regional Health Americas</i> , <b>2022</b> , 8, 100205		4
157	Exacerbation of COVID-19 mortality by the fragmented United States healthcare system: A retrospective observational study.. <i>The Lancet Regional Health Americas</i> , <b>2022</b> , 12, 100264		0
156	Universal healthcare as pandemic preparedness: The lives and costs that could have been saved during the COVID-19 pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	1
155	Promoting COVID-19 vaccine acceptance: recommendations from the Lancet Commission on Vaccine Refusal, Acceptance, and Demand in the USA. <i>Lancet, The</i> , <b>2021</b> ,	40	18
154	Importance of non-pharmaceutical interventions in the COVID-19 vaccination era: A case study of the Seychelles. <i>Journal of Global Health</i> , <b>2021</b> , 11, 03104	4.3	3
153	Implications of suboptimal COVID-19 vaccination coverage in Florida and Texas. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> , 21, 1493-1494	25.5	6
152	The durability of immunity against reinfection by SARS-CoV-2: a comparative evolutionary study. <i>Lancet Microbe, The</i> , <b>2021</b> , 2, e666-e675	22.2	41
151	The impact of vaccination on COVID-19 outbreaks in the United States <b>2021</b> ,		28
150	Multifaceted strategies for the control of COVID-19 outbreaks in long-term care facilities in Ontario, Canada <b>2021</b> ,		6
149	Network structure and rapid HIV transmission among people who inject drugs: A simulation-based analysis. <i>Epidemics</i> , <b>2021</b> , 34, 100426	5.1	1
148	Racial disparities in COVID-19 mortality across Michigan, United States. <i>EclinicalMedicine</i> , <b>2021</b> , 33, 1007613	6.3	14
147	Comparative cost-effectiveness of SARS-CoV-2 testing strategies in the USA: a modelling study. <i>Lancet Public Health, The</i> , <b>2021</b> , 6, e184-e191	22.4	35

146	Quarantine and testing strategies to ameliorate transmission due to travel during the COVID-19 pandemic <b>2021</b> ,		3
145	Simulated Identification of Silent COVID-19 Infections Among Children and Estimated Future Infection Rates With Vaccination. <i>JAMA Network Open</i> , <b>2021</b> , 4, e217097	10.4	8
144	Evaluation of COVID-19 vaccination strategies with a delayed second dose. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001211	12.1	43
143	Accelerated vaccine rollout is imperative to mitigate highly transmissible COVID-19 variants. <i>EClinicalMedicine</i> , <b>2021</b> , 35, 100865	11.3	48
142	Quantifying the potential for dominant spread of SARS-CoV-2 variant B.1.351 in the United States <b>2021</b> ,		2
141	Mechanistic basis of post-treatment control of SIV after anti-HIV antibody therapy. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009031	5	1
140	Buyer beware: inflated claims of sensitivity for rapid COVID-19 tests. <i>Lancet, The</i> , <b>2021</b> , 397, 24-25	4.0	22
139	Cross-country evidence on the association between contact tracing and COVID-19 case fatality rates. <i>Scientific Reports</i> , <b>2021</b> , 11, 2145	4.9	8
138	The impact of vaccination on COVID-19 outbreaks in the United States. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	109
137	Simulated identification of silent COVID-19 infections among children and estimated future infection rates with vaccination <b>2021</b> ,		2
136	Optimal COVID-19 quarantine and testing strategies. <i>Nature Communications</i> , <b>2021</b> , 12, 356	17.4	67
135	Optimizing age-specific vaccination. <i>Science</i> , <b>2021</b> , 371, 890-891	33.3	17
134	Evaluation of COVID-19 vaccination strategies with a delayed second dose <b>2021</b> ,		10
133	Universal health care needed to end HIV epidemic in the USA. <i>Lancet HIV,the</i> , <b>2021</b> , 8, e63-e64	7.8	
132	Challenges facing COVID-19 vaccination in India: Lessons from the initial vaccine rollout. <i>Journal of Global Health</i> , <b>2021</b> , 11, 03083	4.3	5
131	Multifaceted strategies for the control of COVID-19 outbreaks in long-term care facilities in Ontario, Canada. <i>Preventive Medicine</i> , <b>2021</b> , 148, 106564	4.3	13
130	Can the USA return to pre-COVID-19 normal by July 4?. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> , 21, 1073-1074	7.5	9
129	The interplay between COVID-19 restrictions and vaccination. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> , 21, 1053-1054	25.5	2

128	Cost-effectiveness of infant respiratory syncytial virus preventive interventions in Mali: A modeling study to inform policy and investment decisions. <i>Vaccine</i> , <b>2021</b> , 39, 5037-5045	4.1	0
127	Influenza vaccination should have no border: cost-effectiveness of cross-border subsidy. <i>BMC Public Health</i> , <b>2021</b> , 21, 1543	4.1	2
126	Asymptomatic SARS-CoV-2 infection: A systematic review and meta-analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	83
125	The Unrecognized Death Toll of COVID-19 in the United States. <i>The Lancet Regional Health Americas</i> , <b>2021</b> , 1, 100033		2
124	Population Immunity Against COVID-19 in the United States. <i>Annals of Internal Medicine</i> , <b>2021</b> , 174, 1586-1591	4	4
123	Uncoupling vaccination from politics: a call to action. <i>Lancet, The</i> , <b>2021</b> , 398, 1211-1212	4.0	7
122	Routine saliva testing for the identification of silent coronavirus disease 2019 (COVID-19) in healthcare workers. <i>Infection Control and Hospital Epidemiology</i> , <b>2021</b> , 42, 1189-1193	2	11
121	The effect of Medicare for All on rural hospitals - AuthorsReply. <i>Lancet, The</i> , <b>2020</b> , 396, 1392-1393	4.0	1
120	The case for replacing live oral polio vaccine with inactivated vaccine in the Americas. <i>Lancet, The</i> , <b>2020</b> , 395, 1163-1166	4.0	1
119	Modeling mitigation of influenza epidemics by baloxavir. <i>Nature Communications</i> , <b>2020</b> , 11, 2750	17.4	15
118	Cost-effectiveness of transitional US plans for universal health care. <i>Lancet, The</i> , <b>2020</b> , 395, 1692-1693	4.0	1
117	Temporal estimates of case-fatality rate for COVID-19 outbreaks in Canada and the United States. <i>Cmaj</i> , <b>2020</b> , 192, E666-E670	3.5	44
116	COVID-19 on the African continent. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1368-1370	25.5	18
115	The implications of silent transmission for the control of COVID-19 outbreaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 17513-17515	11.5	263
114	Curbing the 2019 Samoa measles outbreak. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 287-288	25.5	1
113	Improving the prognosis of health care in the USA. <i>Lancet, The</i> , <b>2020</b> , 395, 524-533	4.0	33
112	Assessing the impact of aggregating disease stage data in model predictions of human African trypanosomiasis transmission and control activities in Bandundu province (DRC). <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0007976	4.8	15
111	Projecting the demand for ventilators at the peak of the COVID-19 outbreak in the USA. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1123-1125	25.5	28

110	Impact of international travel and border control measures on the global spread of the novel 2019 coronavirus outbreak. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 7504-7509	11.5	296
109	Projecting hospital utilization during the COVID-19 outbreaks in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 9122-9126	11.5	298
108	Cocooning is essential to relaxing social distancing <b>2020</b> ,		1
107	Optimal COVID-19 quarantine and testing strategies <b>2020</b> ,		14
106	Routine saliva testing for the identification of silent COVID-19 infections in healthcare workers <b>2020</b> ,		3
105	Spatio-temporal dynamics of measles outbreaks in Cameroon. <i>Annals of Epidemiology</i> , <b>2020</b> , 42, 64-72.e36.4	11.4	2
104	Impact of Social Distancing Measures on Coronavirus Disease Healthcare Demand, Central Texas, USA. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 2361-2369	10.2	45
103	The impact of mask-wearing and shelter-in-place on COVID-19 outbreaks in the United States. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 101, 334-341	10.5	27
102	The burden of childhood pneumonia in India and prospects for control. <i>The Lancet Child and Adolescent Health</i> , <b>2020</b> , 4, 643-645	14.5	4
101	The imperative for universal healthcare to curtail the COVID-19 outbreak in the USA. <i>EClinicalMedicine</i> , <b>2020</b> , 23, 100380	11.3	10
100	Prosocial polio vaccination in Israel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 13138-13144	11.5	10
99	Implementation of Syringe Services Programs to Prevent Rapid Human Immunodeficiency Virus Transmission in Rural Counties in the United States: A Modeling Study. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 1096-1102	11.6	17
98	Projecting demand for critical care beds during COVID-19 outbreaks in Canada. <i>Cmaj</i> , <b>2020</b> , 192, E489-E496	11.5	83
97	Evaluation of the Cherokee Nation Hepatitis C Virus Elimination Program in the First 22 Months of Implementation. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2030427	10.4	2
96	The global burden of HIV and prospects for control. <i>Lancet HIV</i> , <b>2019</b> , 6, e809-e811	7.8	39
95	Modelling microbial infection to address global health challenges. <i>Nature Microbiology</i> , <b>2019</b> , 4, 1612-1618	10.6	23
94	Impact of One-Health framework on vaccination cost-effectiveness: A case study of rabies in Ethiopia. <i>One Health</i> , <b>2019</b> , 8, 100103	7.6	5
93	Resolving the apparent transmission paradox of African sleeping sickness. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000495	10.5	27

92	Metrics and benchmarks for HIV transition - AuthorsSreply. <i>Lancet HIV,the</i> , <b>2019</b> , 6, e150	7.8	
91	Ebola vaccination in the Democratic Republic of the Congo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 10178-10183	11.5	24
90	Quantifying risk factors to guide progress towards leprosy elimination. <i>The Lancet Global Health</i> , <b>2019</b> , 7, e1154-e1155	13.6	2
89	The exacerbation of Ebola outbreaks by conflict in the Democratic Republic of the Congo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24366-24372	11.5	29
88	Future epidemiological and economic impacts of universal influenza vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 20786-20792	11.5	20
87	The impact of vector migration on the effectiveness of strategies to control gambiense human African trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007903	4.8	6
86	What Is the Value of Different Zika Vaccination Strategies to Prevent and Mitigate Zika Outbreaks?. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 920-931	7	6
85	Harnessing synergies at the interface of public health and the security sector. <i>Lancet, The</i> , <b>2019</b> , 393, 207-209	40	10
84	Underestimation of the global burden of schistosomiasis. <i>Lancet, The</i> , <b>2018</b> , 391, 307-308	40	24
83	Optimizing the impact of low-efficacy influenza vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5151-5156	11.5	32
82	Dynamic Models of Infectious Disease Transmission in Prisons and the General Population. <i>Epidemiologic Reviews</i> , <b>2018</b> , 40, 40-57	4.1	31
81	Evaluating Vaccination Strategies for Zika Virus in the Americas. <i>Annals of Internal Medicine</i> , <b>2018</b> , 168, 621-630	8	11
80	Potential effectiveness of long-acting injectable pre-exposure prophylaxis for HIV prevention in men who have sex with men: a modelling study. <i>Lancet HIV,the</i> , <b>2018</b> , 5, e498-e505	7.8	13
79	Are the London Declaration's 2020 goals sufficient to control Chagas disease?: Modeling scenarios for the Yucatan Peninsula. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006337	4.8	6
78	The economic value of identifying and treating Chagas disease patients earlier and the impact on <i>Trypanosoma cruzi</i> transmission. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006809	4.8	17
77	Defining control of HIV epidemics. <i>Lancet HIV,the</i> , <b>2018</b> , 5, e667-e670	7.8	30
76	Policy Lessons From Quantitative Modeling of Leprosy. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 66, S281-S285	11.6	9
75	Assessing Strategies Against Gambiense Sleeping Sickness Through Mathematical Modeling. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 66, S286-S292	11.6	30

74	The Challenge of Vanquishing HIV for the Next Generation-Facing the Future. <i>JAMA Pediatrics</i> , <b>2018</b> , 172, 609-610	8.3	1
73	Global elimination of lymphatic filariasis. <i>Lancet Infectious Diseases, The</i> , <b>2017</b> , 17, 358-359	25.5	11
72	Comparison and validation of two computational models of Chagas disease: A thirty year perspective from Venezuela. <i>Epidemics</i> , <b>2017</b> , 18, 81-91	5.1	10
71	Forecasting the new case detection rate of leprosy in four states of Brazil: A comparison of modelling approaches. <i>Epidemics</i> , <b>2017</b> , 18, 92-100	5.1	12
70	Characterizing risk of Ebola transmission based on frequency and type of case-contact exposures. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 372,	5.8	9
69	Assessing real-time Zika risk in the United States. <i>BMC Infectious Diseases</i> , <b>2017</b> , 17, 284	4	29
68	Strategies for Trypanosoma brucei gambiense elimination. <i>The Lancet Global Health</i> , <b>2017</b> , 5, e10-e11	13.6	3
67	Modelling the impact of antimalarial quality on the transmission of sulfadoxine-pyrimethamine resistance in. <i>Infectious Disease Modelling</i> , <b>2017</b> , 2, 161-187	15.7	2
66	Fund global health: Save lives and money. <i>Science</i> , <b>2017</b> , 356, 1018-1019	33.3	
65	Effectiveness of UNAIDS targets and HIV vaccination across 127 countries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 4017-4022	11.5	46
64	California Universal Health Care Bill: an economic stimulus and life-saving proposal. <i>Lancet, The</i> , <b>2017</b> , 390, 2012-2014	40	1
63	Saving lives efficiently across sectors: the need for a Congressional cost-effectiveness committee. <i>Lancet, The</i> , <b>2017</b> , 390, 2410-2412	40	7
62	The potential economic burden of Zika in the continental United States. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005531	4.8	38
61	Quantitative assessment of the impact of partially protective anti-schistosomiasis vaccines. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005544	4.8	24
60	Cost-Effectiveness of Rotavirus Vaccination in France-Accounting for Indirect Protection. <i>Value in Health</i> , <b>2016</b> , 19, 811-819	3.3	4
59	Global burden of HIV, viral hepatitis, and tuberculosis in prisoners and detainees. <i>Lancet, The</i> , <b>2016</b> , 388, 1089-1102	40	343
58	Pregnancy outcomes in Liberian women who conceived after recovery from Ebola virus disease. <i>The Lancet Global Health</i> , <b>2016</b> , 4, e678-9	13.6	25
57	Optimal frequency of rabies vaccination campaigns in Sub-Saharan Africa. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	9

56	Vaccination strategies against respiratory syncytial virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13239-13244	11.5	49
55	Social contacts, vaccination decisions and influenza in Japan. <i>Journal of Epidemiology and Community Health</i> , <b>2016</b> , 70, 162-7	5.1	59
54	Optimizing age of cytomegalovirus screening and vaccination to avert congenital disease in the US. <i>Vaccine</i> , <b>2016</b> , 34, 225-229	4.1	5
53	Respiratory virus transmission dynamics determine timing of asthma exacerbation peaks: Evidence from a population-level model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 2194-9	11.5	35
52	Cross-Cultural Household Influence on Vaccination Decisions. <i>Medical Decision Making</i> , <b>2016</b> , 36, 844-53	2.5	9
51	Disease Surveillance on Complex Social Networks. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004928	5	33
50	Next Steps for Ebola Vaccination: Deployment in Non-Epidemic, High-Risk Settings. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004802	4.8	7
49	Cost-Effectiveness of Community-Based TB/HIV Screening and Linkage to Care in Rural South Africa. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165614	3.7	12
48	Quantifying Transmission of Clostridium difficile within and outside Healthcare Settings. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 608-16	10.2	40
47	Determinants of Human African Trypanosomiasis Elimination via Paratransgenesis. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004465	4.8	17
46	A Cost-Effectiveness Tool for Informing Policies on Zika Virus Control. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004743	4.8	47
45	Using Community-Level Prevalence of Loa loa Infection to Predict the Proportion of Highly-Infected Individuals: Statistical Modelling to Support Lymphatic Filariasis and Onchocerciasis Elimination Programs. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005157	4.8	11
44	Stimulating Influenza Vaccination via Prosocial Motives. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159780	3.7	34
43	Evaluating the effectiveness of localized control strategies to curtail chikungunya. <i>Scientific Reports</i> , <b>2016</b> , 6, 23997	4.9	12
42	Interrupting Ebola Transmission in Liberia Through Community-Based Initiatives. <i>Annals of Internal Medicine</i> , <b>2016</b> , 164, 367-9	8	29
41	Human-environment interactions in population and ecosystem health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14502-14506	11.5	48
40	One Health approach to cost-effective rabies control in India. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14574-14581	11.5	38
39	Philippine drug war and impending public health crisis. <i>Lancet, The</i> , <b>2016</b> , 388, 2870	40	6



38	Epidemiological and Economic Effects of Priming With the Whole-Cell Bordetella pertussis Vaccine. <i>JAMA Pediatrics</i> , <b>2016</b> , 170, 459-65	8.3	11
37	Cost-effectiveness of next-generation vaccines: The case of pertussis. <i>Vaccine</i> , <b>2016</b> , 34, 3405-11	4.1	1
36	Retrospective Analysis of the 2014-2015 Ebola Epidemic in Liberia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2016</b> , 94, 833-9	3.2	9
35	National- and state-level impact and cost-effectiveness of nonavalent HPV vaccination in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 5107-12	11.5	38
34	Efficacy and optimization of palivizumab injection regimens against respiratory syncytial virus infection. <i>JAMA Pediatrics</i> , <b>2015</b> , 169, 341-8	8.3	31
33	Strategies to prevent future Ebola epidemics. <i>Lancet, The</i> , <b>2015</b> , 386, 131	4.0	8
32	Reassessment of HIV-1 acute phase infectivity: accounting for heterogeneity and study design with simulated cohorts. <i>PLoS Medicine</i> , <b>2015</b> , 12, e1001801	11.6	60
31	Comparing the impact of artemisinin-based combination therapies on malaria transmission in sub-Saharan Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 92, 555-60	3.2	10
30	Impact of bed capacity on spatiotemporal shifts in Ebola transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14125-6	11.5	5
29	Effect of Ebola progression on transmission and control in Liberia. <i>Annals of Internal Medicine</i> , <b>2015</b> , 162, 11-7	8	70
28	Nine challenges in incorporating the dynamics of behaviour in infectious diseases models. <i>Epidemics</i> , <b>2015</b> , 10, 21-5	5.1	117
27	Disease elimination and re-emergence in differential-equation models. <i>Journal of Theoretical Biology</i> , <b>2015</b> , 387, 174-80	2.3	7
26	Epidemiological and viral genomic sequence analysis of the 2014 ebola outbreak reveals clustered transmission. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 60, 1079-82	11.6	52
25	Public health impact of disease-behavior dynamics: Comment on "Coupled disease-behavior dynamics on complex networks: A review" by Z. Wang et al. <i>Physics of Life Reviews</i> , <b>2015</b> , 15, 55-6	2.1	2
24	Evaluating long-term effectiveness of sleeping sickness control measures in Guinea. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 550	4	29
23	Spatial heterogeneity in projected leprosy trends in India. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 542	4	18
22	Modelling control of Schistosoma haematobium infection: predictions of the long-term impact of mass drug administration in Africa. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 529	4	42
21	Under-reporting and case fatality estimates for emerging epidemics. <i>BMJ, The</i> , <b>2015</b> , 350, h1115	5.9	30

20	Integrating Community-Based Interventions to Reverse the Convergent TB/HIV Epidemics in Rural South Africa. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126267	3.7	14
19	Spatial and Temporal Clustering of Chikungunya Virus Transmission in Dominica. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003977	4.8	22
18	Harnessing case isolation and ring vaccination to control Ebola. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003794	4.8	27
17	Statistical power and validity of Ebola vaccine trials in Sierra Leone: a simulation study of trial design and analysis. <i>Lancet Infectious Diseases</i> , <b>2015</b> , 15, 703-10	25.5	49
16	Strategies for containing Ebola in West Africa. <i>Science</i> , <b>2014</b> , 346, 991-5	33.3	201
15	Dynamics and control of Ebola virus transmission in Montserrado, Liberia: a mathematical modelling analysis. <i>Lancet Infectious Diseases</i> , <b>2014</b> , 14, 1189-95	25.5	137
14	Cost-effectiveness of influenza vaccination in prior pneumonia patients in Israel. <i>Vaccine</i> , <b>2014</b> , 32, 4198-205	4.1	11
13	Evaluating the potential impact of mass praziquantel administration for HIV prevention in Schistosoma haematobium high-risk communities. <i>Epidemics</i> , <b>2014</b> , 7, 22-7	5.1	16
12	Probabilistic uncertainty analysis of epidemiological modeling to guide public health intervention policy. <i>Epidemics</i> , <b>2014</b> , 6, 37-45	5.1	24
11	Cost-effectiveness of canine vaccination to prevent human rabies in rural Tanzania. <i>Annals of Internal Medicine</i> , <b>2014</b> , 160, 91-100	8	59
10	Ethical alternatives to experiments with novel potential pandemic pathogens. <i>PLoS Medicine</i> , <b>2014</b> , 11, e1001646	11.6	84
9	Impact of Schistosoma mansoni on malaria transmission in Sub-Saharan Africa. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3234	4.8	17
8	Cellular superspreaders: an epidemiological perspective on HIV infection inside the body. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004092	7.6	16
7	An innovative influenza vaccination policy: targeting last season's patients. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003643	5	12
6	Cost-effectiveness of a community-based intervention for reducing the transmission of Schistosoma haematobium and HIV in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 7952-7	11.5	27
5	HIV and Schistosoma haematobium prevalences correlate in sub-Saharan Africa. <i>Tropical Medicine and International Health</i> , <b>2013</b> , 18, 1174-1179	2.3	33
4	Epidemiology. Social factors in epidemiology. <i>Science</i> , <b>2013</b> , 342, 47-9	33.3	135
3	Direct and indirect effects of rotavirus vaccination: comparing predictions from transmission dynamic models. <i>PLoS ONE</i> , <b>2012</b> , 7, e42320	3.7	46

2	Optimizing influenza vaccine distribution. <i>Science</i> , <b>2009</b> , 325, 1705-8	333	293
1	Racial disparities in COVID-19 mortality across Michigan, United States		1