

# Jeffrey L Shaman

## 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.

195  
papers

9,452  
citations

43  
h-index

94  
g-index

218  
ext. papers

11,968  
ext. citations

8.2  
avg, IF

7.23  
L-index

#	Paper	IF	Citations
195	Viral replication dynamics could critically modulate vaccine effectiveness and should be accounted for when assessing new SARS-CoV-2 variants.. <i>Influenza and Other Respiratory Viruses</i> , <b>2022</b> ,	5.6	
194	Heat stress morbidity among US military personnel: Daily exposure and lagged response (1998-2019).. <i>International Journal of Biometeorology</i> , <b>2022</b> , 1	3.7	0
193	Impact of SARS-CoV-2 vaccination of children ages 5-11 years on COVID-19 disease burden and resilience to new variants in the United States, November 2021-March 2022: a multi-model study. <b>2022</b> ,		1
192	Contagion and Psychiatric Disorders: The Social Epidemiology of Risk (Comment on [The Epidemic of Mental Disorders in Business]) <i>Administrative Science Quarterly</i> , <b>2022</b> , 67, 49-55	8.7	1
191	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2113561119	11.5	119
190	COVID-19 pandemic dynamics in India, the SARS-CoV-2 Delta variant and implications for vaccination. <i>Journal of the Royal Society Interface</i> , <b>2022</b> , 19,	4.1	3
189	SARS-CoV-2 transmission dynamics in South Africa and epidemiological characteristics of the Omicron variant. <b>2021</b> ,		7
188	Socioeconomic Disparities in Severe Acute Respiratory Syndrome Coronavirus 2 Serological Testing and Positivity in New York City. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab534	1	0
187	The association between early country-level COVID-19 testing capacity and later COVID-19 mortality outcomes. <i>Influenza and Other Respiratory Viruses</i> , <b>2021</b> ,	5.6	1
186	Mask-wearing and control of SARS-CoV-2 transmission in the USA: a cross-sectional study. <i>The Lancet Digital Health</i> , <b>2021</b> , 3, e148-e157	14.4	95
185	Age, period, and cohort effects on suicide death in the United States from 1999 to 2018: moderation by sex, race, and firearm involvement. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3374-3382	15.1	5
184	COVID-19 pandemic dynamics in India, the SARS-CoV-2 Delta variant, and implications for vaccination <b>2021</b> ,		11
183	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. <i>Nature Communications</i> , <b>2021</b> , 12, 3602	17.4	29
182	A Spatiotemporal Tool to Project Hospital Critical Care Capacity and Mortality From COVID-19 in US Counties. <i>American Journal of Public Health</i> , <b>2021</b> , 111, 1113-1122	5.1	4
181	Direct Observation of Repeated Infections With Endemic Coronaviruses. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 409-415	7	61
180	Estimating the infection-fatality risk of SARS-CoV-2 in New York City during the spring 2020 pandemic wave: a model-based analysis. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 203-212	25.5	94
179	Respiratory viruses in pediatric emergency department patients and their family members. <i>Influenza and Other Respiratory Viruses</i> , <b>2021</b> , 15, 91-98	5.6	1

178	Differential COVID-19 case positivity in New York City neighborhoods: Socioeconomic factors and mobility. <i>Influenza and Other Respiratory Viruses</i> , <b>2021</b> , 15, 209-217	5.6	27
177	Social distancing remains key during vaccinations. <i>Science</i> , <b>2021</b> , 371, 473-474	33.3	5
176	Optimizing respiratory virus surveillance networks using uncertainty propagation. <i>Nature Communications</i> , <b>2021</b> , 12, 222	17.4	3
175	Effectiveness of non-pharmaceutical interventions to contain COVID-19: a case study of the 2020 spring pandemic wave in New York City. <i>Journal of the Royal Society Interface</i> , <b>2021</b> , 18, 20200822	4.1	10
174	Investigating associations between COVID-19 mortality and population-level health and socioeconomic indicators in the United States: A modeling study. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003693	11.6	2
173	Role of Firearm Ownership on 2001-2016 Trends in U.S. Firearm Suicide Rates. <i>American Journal of Preventive Medicine</i> , <b>2021</b> , 61, 795-803	6.1	2
172	Burden and characteristics of COVID-19 in the United States during 2020. <i>Nature</i> , <b>2021</b> , 598, 338-341	50.4	24
171	Quantifying the Impact of COVID-19 Nonpharmaceutical Interventions on Influenza Transmission in the United States. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 1500-1508	7	5
170	Development of a model-inference system for estimating epidemiological characteristics of SARS-CoV-2 variants of concern. <i>Nature Communications</i> , <b>2021</b> , 12, 5573	17.4	8
169	Associations between COVID-19 mobility restrictions and economic, mental health, and suicide-related concerns in the US using cellular phone GPS and Google search volume data.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0260931	3.7	1
168	Assessment of Climate-Health Curricula at International Health Professions Schools. <i>JAMA Network Open</i> , <b>2020</b> , 3, e206609	10.4	22
167	Active surveillance documents rates of clinical care seeking due to respiratory illness. <i>Influenza and Other Respiratory Viruses</i> , <b>2020</b> , 14, 499-506	5.6	2
166	Substantial undocumented infection facilitates the rapid dissemination of novel coronavirus (SARS-CoV-2). <i>Science</i> , <b>2020</b> , 368, 489-493	33.3	2045
165	The Future of Careers at the Intersection of Climate Change and Public Health: What Can Job Postings and an Employer Survey Tell Us?. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	8
164	Impact of the North Atlantic Warming Hole on Sensible Weather. <i>Journal of Climate</i> , <b>2020</b> , 33, 4255-4271	4.4	6
163	Forecasting influenza in Europe using a metapopulation model incorporating cross-border commuting and air travel. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1008233	5	7
162	Aggregating forecasts of multiple respiratory pathogens supports more accurate forecasting of influenza-like illness. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1008301	5	5
161	Compound Risks of Hurricane Evacuation Amid the COVID-19 Pandemic in the United States. <i>GeoHealth</i> , <b>2020</b> , 4, e2020GH000319	5	27

160	Substantial undocumented infection facilitates the rapid dissemination of novel coronavirus (COVID-19) <b>2020</b> ,		125
159	Differential Effects of Intervention Timing on COVID-19 Spread in the United States <b>2020</b> ,		76
158	Mask Wearing and Control of SARS-CoV-2 Transmission in the United States <b>2020</b> ,		9
157	Role of air temperature and humidity in the transmission of SARS-CoV-2 in the United States <b>2020</b> ,		4
156	Will SARS-CoV-2 become endemic?. <i>Science</i> , <b>2020</b> , 370, 527-529	33.3	61
155	Associations Between Built Environment, Neighborhood Socioeconomic Status, and SARS-CoV-2 Infection Among Pregnant Women in New York City. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 390-392	27.4	96
154	Predicting dengue outbreaks at neighbourhood level using human mobility in urban areas. <i>Journal of the Royal Society Interface</i> , <b>2020</b> , 17, 20200691	4.1	9
153	Differential effects of intervention timing on COVID-19 spread in the United States. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	123
152	arcasHLA: high-resolution HLA typing from RNAseq. <i>Bioinformatics</i> , <b>2020</b> , 36, 33-40	7.2	30
151	Ensemble forecast and parameter inference of childhood diarrhea in Chobe District, Botswana. <i>Epidemics</i> , <b>2020</b> , 30, 100372	5.1	3
150	A framework for evaluating the effects of observational type and quality on vector-borne disease forecast. <i>Epidemics</i> , <b>2020</b> , 30, 100359	5.1	3
149	Forecasting influenza in Europe using a metapopulation model incorporating cross-border commuting and air travel <b>2020</b> , 16, e1008233		
148	Forecasting influenza in Europe using a metapopulation model incorporating cross-border commuting and air travel <b>2020</b> , 16, e1008233		
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145	Aggregating forecasts of multiple respiratory pathogens supports more accurate forecasting of influenza-like illness <b>2020</b> , 16, e1008301		
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140	Aggregating forecasts of multiple respiratory pathogens supports more accurate forecasting of influenza-like illness <b>2020</b> , 16, e1008301		
139	Technology to advance infectious disease forecasting for outbreak management. <i>Nature Communications</i> , <b>2019</b> , 10, 3932	17.4	25
138	Collaborative efforts to forecast seasonal influenza in the United States, 2015-2016. <i>Scientific Reports</i> , <b>2019</b> , 9, 683	4.9	51
137	Spatiotemporal clustering of suicides in the US from 1999 to 2016: a spatial epidemiological approach. <i>Social Psychiatry and Psychiatric Epidemiology</i> , <b>2019</b> , 54, 1471-1482	4.5	6
136	Pathobiological features favouring the intercontinental dissemination of highly pathogenic avian influenza virus. <i>Royal Society Open Science</i> , <b>2019</b> , 6, 190276	3.3	4
135	The Impact of Environmental Transmission and Epidemiological Features on the Geographical Translocation of Highly Pathogenic Avian Influenza Virus. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	2
134	Improved forecasts of influenza-associated hospitalization rates with Google Search Trends. <i>Journal of the Royal Society Interface</i> , <b>2019</b> , 16, 20190080	4.1	6
133	Modeling and Surveillance of Reporting Delays of Mosquitoes and Humans Infected With West Nile Virus and Associations With Accuracy of West Nile Virus Forecasts. <i>JAMA Network Open</i> , <b>2019</b> , 2, e193175	10.4	3
132	Predictability in process-based ensemble forecast of influenza. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006783	5	4
131	Development and validation of influenza forecasting for 64 temperate and tropical countries. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006742	5	14
130	Near-term forecasts of influenza-like illness: An evaluation of autoregressive time series approaches. <i>Epidemics</i> , <b>2019</b> , 27, 41-51	5.1	14
129	Characteristics of measles epidemics in China (1951-2004) and implications for elimination: A case study of three key locations. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006806	5	8
128	Impacts of the North Atlantic Warming Hole in Future Climate Projections: Mean Atmospheric Circulation and the North Atlantic Jet. <i>Journal of Climate</i> , <b>2019</b> , 32, 2673-2689	4.4	25
127	Superensemble forecast of respiratory syncytial virus outbreaks at national, regional, and state levels in the United States. <i>Epidemics</i> , <b>2019</b> , 26, 1-8	5.1	11
126	Reappraising the utility of Google Flu Trends. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007258	5	38
125	Comment on: 'Antibiotic footprint' as a communication tool to aid reduction of antibiotic consumption. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2019</b> , 74, 3404-3406	5.1	1

124	Longitudinal active sampling for respiratory viral infections across age groups. <i>Influenza and Other Respiratory Viruses</i> , <b>2019</b> , 13, 226-232	5.6	26
123	Reply to Bracher: Scoring probabilistic forecasts to maximize public health interpretability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 20811-20812	11.5	7
122	An open challenge to advance probabilistic forecasting for dengue epidemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24268-24274	11.5	64
121	El Niño-Southern oscillation and under-5 diarrhea in Botswana. <i>Nature Communications</i> , <b>2019</b> , 10, 5798	17.4	10
120	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007486	5	53
119	A collaborative multiyear, multimodel assessment of seasonal influenza forecasting in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 3146-3154	11.5	99
118	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. <b>2019</b> , 15, e1007486		
117	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. <b>2019</b> , 15, e1007486		
116	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. <b>2019</b> , 15, e1007486		
115	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. <b>2019</b> , 15, e1007486		
114	Pandemic preparedness and forecast. <i>Nature Microbiology</i> , <b>2018</b> , 3, 265-267	26.6	3
113	Forecasting the spatial transmission of influenza in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 2752-2757	11.5	73
112	Dynamics of influenza in tropical Africa: Temperature, humidity, and co-circulating (sub)types. <i>Influenza and Other Respiratory Viruses</i> , <b>2018</b> , 12, 446-456	5.6	22
111	The Need for Climate and Health Education. <i>American Journal of Public Health</i> , <b>2018</b> , 108, S66-S67	5.1	20
110	Asymptomatic Summertime Shedding of Respiratory Viruses. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1074-1077	7	24
109	Association of spring-summer hydrology and meteorology with human West Nile virus infection in West Texas, USA, 2002-2016. <i>Parasites and Vectors</i> , <b>2018</b> , 11, 224	4	8
108	Results from the second year of a collaborative effort to forecast influenza seasons in the United States. <i>Epidemics</i> , <b>2018</b> , 24, 26-33	5.1	63
107	Simulation of four respiratory viruses and inference of epidemiological parameters. <i>Infectious Disease Modelling</i> , <b>2018</b> , 3, 23-34	15.7	12

106	Transmission dynamics of influenza in two major cities of Uganda. <i>Epidemics</i> , <b>2018</b> , 24, 43-48	5.1	3
105	Evaluation of mechanistic and statistical methods in forecasting influenza-like illness. <i>Journal of the Royal Society Interface</i> , <b>2018</b> , 15,	4.1	28
104	Asymptomatic Shedding of Respiratory Virus among an Ambulatory Population across Seasons. <i>MSphere</i> , <b>2018</b> , 3,	5	26
103	Influenza forecast optimization when using different surveillance data types and geographic scale. <i>Influenza and Other Respiratory Viruses</i> , <b>2018</b> , 12, 755-764	5.6	5
102	Assessing the Use of Influenza Forecasts and Epidemiological Modeling in Public Health Decision Making in the United States. <i>Scientific Reports</i> , <b>2018</b> , 8, 12406	4.9	14
101	Mechanisms Governing the Development of the North Atlantic Warming Hole in the CESM-LE Future Climate Simulations. <i>Journal of Climate</i> , <b>2018</b> , 31, 5927-5946	4.4	26
100	Use of temperature to improve West Nile virus forecasts. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006047	4.7	14
99	Emergence, Epidemiology, and Transmission Dynamics of 2009 Pandemic A/H1N1 Influenza in Kampala, Uganda, 2009-2015. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 98, 203-206	3.2	3
98	Conjunction of factors triggering waves of seasonal influenza. <i>ELife</i> , <b>2018</b> , 7,	8.9	30
97	Inference and control of the nosocomial transmission of methicillin-resistant. <i>ELife</i> , <b>2018</b> , 7,	8.9	19
96	Hydrometeorology and flood pulse dynamics drive diarrheal disease outbreaks and increase vulnerability to climate change in surface-water-dependent populations: A retrospective analysis. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002688	11.6	23
95	Rotavirus Gastroenteritis Infection Among Children Vaccinated and Unvaccinated With Rotavirus Vaccine in Southern China: A Population-Based Assessment. <i>JAMA Network Open</i> , <b>2018</b> , 1, e181382	10.4	16
94	Indoor temperature and humidity in New York City apartments during winter. <i>Science of the Total Environment</i> , <b>2017</b> , 583, 29-35	10.2	22
93	Health symptoms in relation to temperature, humidity, and self-reported perceptions of climate in New York City residential environments. <i>International Journal of Biometeorology</i> , <b>2017</b> , 61, 1209-1220	3.7	17
92	Teleconnection between the South Atlantic convergence zone and the southern Indian Ocean: Implications for tropical cyclone activity. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 7284-7300	4.4	3
91	Ensemble forecast of human West Nile virus cases and mosquito infection rates. <i>Nature Communications</i> , <b>2017</b> , 8, 14592	17.4	52
90	Efficient collective influence maximization in cascading processes with first-order transitions. <i>Scientific Reports</i> , <b>2017</b> , 7, 45240	4.9	41
89	Pre-vaccination evolution of antibodies among infants 0, 3 and 6 months of age: A longitudinal analysis of measles, enterovirus 71 and coxsackievirus 16. <i>Vaccine</i> , <b>2017</b> , 35, 3817-3822	4.1	2

88	Counteracting structural errors in ensemble forecast of influenza outbreaks. <i>Nature Communications</i> , <b>2017</b> , 8, 925	17.4	24
87	Geospatial characteristics of measles transmission in China during 2005-2014. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005474	5	11
86	Individual versus superensemble forecasts of seasonal influenza outbreaks in the United States. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005801	5	29
85	The use of ambient humidity conditions to improve influenza forecast. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005844	5	14
84	Type- and Subtype-Specific Influenza Forecast. <i>American Journal of Epidemiology</i> , <b>2017</b> , 185, 395-402	3.8	11
83	Influenza transmission during extreme indoor conditions in a low-resource tropical setting. <i>International Journal of Biometeorology</i> , <b>2017</b> , 61, 613-622	3.7	6
82	Heat-coping strategies and bedroom thermal satisfaction in New York City. <i>Science of the Total Environment</i> , <b>2017</b> , 574, 1217-1231	10.2	10
81	Local environmental and meteorological conditions influencing the invasive mosquito <i>Ae. albopictus</i> and arbovirus transmission risk in New York City. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005828	4.8	16
80	Subregional Nowcasts of Seasonal Influenza Using Search Trends. <i>Journal of Medical Internet Research</i> , <b>2017</b> , 19, e370	7.6	23
79	Inference and forecast of H7N9 influenza in China, 2013 to 2015. <i>Eurosurveillance</i> , <b>2017</b> , 22,	19.8	3
78	Superensemble forecasts of dengue outbreaks. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	50
77	Results from the centers for disease control and prevention's predict the 2013-2014 Influenza Season Challenge. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 357	4	109
76	Development and validation of a climate-based ensemble prediction model for West Nile Virus infection rates in <i>Culex</i> mosquitoes, Suffolk County, New York. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 443	4	16
75	Retrospective Parameter Estimation and Forecast of Respiratory Syncytial Virus in the United States. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1005133	5	21
74	Forecasting Influenza Outbreaks in Boroughs and Neighborhoods of New York City. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1005201	5	30
73	Meteorological variability and infectious disease in Central Africa: a review of meteorological data quality. <i>Annals of the New York Academy of Sciences</i> , <b>2016</b> , 1382, 31-43	6.5	13
72	Placental antibody transfer efficiency and maternal levels: specific for measles, coxsackievirus A16, enterovirus 71, poliomyelitis I-III and HIV-1 antibodies. <i>Scientific Reports</i> , <b>2016</b> , 6, 38874	4.9	32
71	Seasonal Influenza Infections and Cardiovascular Disease Mortality. <i>JAMA Cardiology</i> , <b>2016</b> , 1, 274-81	16.2	197



70	The Superposition of Eastward and Westward Rossby Waves in Response to Localized Forcing. <i>Journal of Climate</i> , <b>2016</b> , 29, 7547-7557	4.4	5
69	Inference of seasonal and pandemic influenza transmission dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2723-8	11.5	102
68	Transmission network of the 2014-2015 Ebola epidemic in Sierra Leone. <i>Journal of the Royal Society Interface</i> , <b>2015</b> , 12,	4.1	41
67	Do the Tropics Rule? Assessing the State of Tropical Climate Science. <i>Bulletin of the American Meteorological Society</i> , <b>2015</b> , 96, ES211-ES214	6.1	1
66	Impact of School Cycles and Environmental Forcing on the Timing of Pandemic Influenza Activity in Mexican States, May-December 2009. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004337	5	14
65	Improved Discrimination of Influenza Forecast Accuracy Using Consecutive Predictions. <i>PLOS Currents</i> , <b>2015</b> , 7,		11
64	Forecasting Influenza Epidemics in Hong Kong. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004383	5	62
63	What factors might have led to the emergence of Ebola in West Africa?. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003652	4.8	152
62	The 1918 influenza pandemic in New York City: age-specific timing, mortality, and transmission dynamics. <i>Influenza and Other Respiratory Viruses</i> , <b>2014</b> , 8, 177-88	5.6	16
61	Ebola: mobility data. <i>Science</i> , <b>2014</b> , 346, 433	33.3	31
60	Predicting indoor heat exposure risk during extreme heat events. <i>Science of the Total Environment</i> , <b>2014</b> , 490, 686-93	10.2	74
59	The Seasonal Effects of ENSO on European Precipitation: Observational Analysis. <i>Journal of Climate</i> , <b>2014</b> , 27, 6423-6438	4.4	30
58	Spatial Transmission of 2009 Pandemic Influenza in the US. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003635		103
57	Comparison of filtering methods for the modeling and retrospective forecasting of influenza epidemics. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003583	5	114
56	The Seasonal Effects of ENSO on Atmospheric Conditions Associated with European Precipitation: Model Simulations of Seasonal Teleconnections. <i>Journal of Climate</i> , <b>2014</b> , 27, 1010-1028	4.4	10
55	Opinion: Mathematical models: a key tool for outbreak response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 18095-6	11.5	56
54	Inference and forecast of the current west african ebola outbreak in Guinea, sierra leone and liberia. <i>PLOS Currents</i> , <b>2014</b> , 6,		55
53	Influenza forecasting in human populations: a scoping review. <i>PLoS ONE</i> , <b>2014</b> , 9, e94130	3.7	122

52	Predictors of indoor absolute humidity and estimated effects on influenza virus survival in grade schools. <i>BMC Infectious Diseases</i> , <b>2013</b> , 13, 71	4	31
51	Real-time influenza forecasts during the 2012-2013 season. <i>Nature Communications</i> , <b>2013</b> , 4, 2837	17.4	188
50	Two longterm studies of seasonal variation in depressive symptoms among community participants. <i>Journal of Affective Disorders</i> , <b>2013</b> , 151, 837-42	6.6	13
49	Environmental predictors of seasonal influenza epidemics across temperate and tropical climates. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003194	7.6	301
48	Remote Forcing versus Local Feedback of East Pacific Intraseasonal Variability during Boreal Summer. <i>Journal of Climate</i> , <b>2013</b> , 26, 3575-3596	4.4	25
47	Fostering advances in interdisciplinary climate science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110 Suppl 1, 3653-6	11.5	25
46	Reply to Rice and Henderson-Sellers: Survival of the fittest is not always the best option. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E2664	11.5	
45	The El Nino-Southern Oscillation (ENSO)-pandemic influenza connection: coincident or causal?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110 Suppl 1, 3689-91	11.5	31
44	Complex Wavenumber Rossby Wave Ray Tracing. <i>Journals of the Atmospheric Sciences</i> , <b>2012</b> , 69, 2112-2133	11.5	11
43	Shortcomings in climate model simulations of the ENSO-Atlantic hurricane teleconnection. <i>Climate Dynamics</i> , <b>2012</b> , 38, 1973-1988	4.2	5
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8	Projection of COVID-19 Cases and Deaths in the US as Individual States Re-open May 4, 2020		24
7	Estimating the infection fatality risk of COVID-19 in New York City during the spring 2020 pandemic wave		7
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4	The importance of continued non-pharmaceutical interventions during the upcoming SARS-COV-2 vaccination campaign		4
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2	Forecasting seasonal influenza in the U.S.: A collaborative multi-year, multi-model assessment of forecast performance		2
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