Jeffrey L Shaman

List of Publications by Year
in descending order

187 papers	13,944 citations	50566 48 h-index	33145 104 g-index
218 all docs	218 docs citations	218 times ranked	19937 citing authors

#	Article	IF	Citations
1	The association between early countryâ€level COVIDâ€19 testing capacity and later COVIDâ€19 mortality outcomes. Influenza and Other Respiratory Viruses, 2022, 16, 56-62.	1.5	9
2	Racial Disparities in Spatial and Temporal Youth Suicide Clusters. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 1131-1140.e5.	0.3	6
3	Viral replication dynamics could critically modulate vaccine effectiveness and should be accounted for when assessing new SARSâ€CoVâ€2 variants. Influenza and Other Respiratory Viruses, 2022, 16, 366-367.	1.5	4
4	Heat stress morbidity among US military personnel: Daily exposure and lagged response (1998â€“2019). International Journal of Biometeorology, 2022, 66, 1199-1208.	1.3	4
5	Contagion and Psychiatric Disorders: The Social Epidemiology of Risk (Comment on â€œThe Epidemic of) Tj ETQq1 1 0.784314 rgBT /O	4.8	2
6	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113561119.	3.3	136
7	COVID-19 pandemic dynamics in India, the SARS-CoV-2 Delta variant and implications for vaccination. Journal of the Royal Society Interface, 2022, 19, .	1.5	60
8	Epidemic management and control through risk-dependent individual contact interventions. PLoS Computational Biology, 2022, 18, e1010171.	1.5	9
9	Inference and dynamic simulation of malaria using a simple climate-driven entomological model of malaria transmission. PLoS Computational Biology, 2022, 18, e1010161.	1.5	1
10	Direct Observation of Repeated Infections With Endemic Coronaviruses. Journal of Infectious Diseases, 2021, 223, 409-415.	1.9	104
11	Estimating the infection-fatality risk of SARS-CoV-2 in New York City during the spring 2020 pandemic wave: a model-based analysis. Lancet Infectious Diseases, The, 2021, 21, 203-212.	4.6	165
12	Respiratory viruses in pediatric emergency department patients and their family members. Influenza and Other Respiratory Viruses, 2021, 15, 91-98.	1.5	9
13	Differential COVIDâ€19 case positivity in New York City neighborhoods: Socioeconomic factors and mobility. Influenza and Other Respiratory Viruses, 2021, 15, 209-217.	1.5	58
14	Social distancing remains key during vaccinations. Science, 2021, 371, 473-474.	6.0	15
15	Optimizing respiratory virus surveillance networks using uncertainty propagation. Nature Communications, 2021, 12, 222.	5.8	14
16	Effectiveness of non-pharmaceutical interventions to contain COVID-19: a case study of the 2020 spring pandemic wave in New York City. Journal of the Royal Society Interface, 2021, 18, 20200822.	1.5	29
17	Mask-wearing and control of SARS-CoV-2 transmission in the USA: a cross-sectional study. The Lancet Digital Health, 2021, 3, e148-e157.	5.9	208
18	Suicide and the agentâ€“hostâ€“environment triad: leveraging surveillance sources to inform prevention. Psychological Medicine, 2021, 51, 529-537.	2.7	9

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19	Age, period, and cohort effects on suicide death in the United States from 1999 to 2018: moderation by sex, race, and firearm involvement. Molecular Psychiatry, 2021, 26, 3374-3382.	4.1	21
20	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. Nature Communications, 2021, 12, 3602.	5.8	97
21	A Spatiotemporal Tool to Project Hospital Critical Care Capacity and Mortality From COVID-19 in US Counties. American Journal of Public Health, 2021, 111, 1113-1122.	1.5	9
22	Investigating associations between COVID-19 mortality and population-level health and socioeconomic indicators in the United States: A modeling study. PLoS Medicine, 2021, 18, e1003693.	3.9	11
23	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. ISEE Conference Abstracts, 2021, 2021, .	0.0	2
24	Role of Firearm Ownership on 2001â€"2016 Trends in U.S. Firearm Suicide Rates. American Journal of Preventive Medicine, 2021, 61, 795-803.	1.6	5
25	Burden and characteristics of COVID-19 in the United States during 2020. Nature, 2021, 598, 338-341.	13.7	126
26	Socioeconomic Disparities in SARS-CoV-2 Serology Testing in New York City. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
27	The role of long-term air pollution for COVID-19 infection and severity during pregnancy. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
28	Identifying asymptomatic spreaders of antimicrobial-resistant pathogens in hospital settings. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	18
29	Quantifying the Impact of COVID-19 Nonpharmaceutical Interventions on Influenza Transmission in the United States. Journal of Infectious Diseases, 2021, 224, 1500-1508.	1.9	38
30	Development of a model-inference system for estimating epidemiological characteristics of SARS-CoV-2 variants of concern. Nature Communications, 2021, 12, 5573.	5.8	36
31	An estimation of undetected COVID cases in France. Nature, 2021, 590, 38-39.	13.7	11
32	Non-pharmaceutical interventions and inoculation rate shape SARS-CoV-2 vaccination campaign success. Epidemiology and Infection, 2021, 149, .	1.0	2
33	Socioeconomic Disparities in Severe Acute Respiratory Syndrome Coronavirus 2 Serological Testing and Positivity in New York City. Open Forum Infectious Diseases, 2021, 8, ofab534.	0.4	5
34	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. PLoS ONE, 2021, 16, e0260931.	1.1	15
35	arcasHLA: high-resolution HLA typing from RNAseq. Bioinformatics, 2020, 36, 33-40.	1.8	113
36	Ensemble forecast and parameter inference of childhood diarrhea in Chobe District, Botswana. Epidemics, 2020, 30, 100372.	1.5	5

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37	A framework for evaluating the effects of observational type and quality on vector-borne disease forecast. Epidemics, 2020, 30, 100359.	1.5	4
38	Will SARS-CoV-2 become endemic?. Science, 2020, 370, 527-529.	6.0	93
39	Associations Between Built Environment, Neighborhood Socioeconomic Status, and SARS-CoV-2 Infection Among Pregnant Women in New York City. JAMA - Journal of the American Medical Association, 2020, 324, 390.	3.8	144
40	Predicting dengue outbreaks at neighbourhood level using human mobility in urban areas. Journal of the Royal Society Interface, 2020, 17, 20200691.	1.5	34
41	Differential effects of intervention timing on COVID-19 spread in the United States. Science Advances, 2020, 6, .	4.7	230
42	Assessment of Climate-Health Curricula at International Health Professions Schools. JAMA Network Open, 2020, 3, e206609.	2.8	62
43	Active surveillance documents rates of clinical care seeking due to respiratory illness. Influenza and Other Respiratory Viruses, 2020, 14, 499-506.	1.5	4
44	Substantial undocumented infection facilitates the rapid dissemination of novel coronavirus (SARS-CoV-2). Science, 2020, 368, 489-493.	6.0	2,940
45	The Future of Careers at the Intersection of Climate Change and Public Health: What Can Job Postings and an Employer Survey Tell Us?. International Journal of Environmental Research and Public Health, 2020, 17, 1310.	1.2	15
46	Compound Risks of Hurricane Evacuation Amid the COVIDâ€19 Pandemic in the United States. GeoHealth, 2020, 4, e2020GH000319.	1.9	45
47	Impact of the North Atlantic Warming Hole on Sensible Weather. Journal of Climate, 2020, 33, 4255-4271.	1.2	16
48	Forecasting influenza in Europe using a metapopulation model incorporating cross-border commuting and air travel. PLoS Computational Biology, 2020, 16, e1008233.	1.5	11
49	Aggregating forecasts of multiple respiratory pathogens supports more accurate forecasting of influenza-like illness. PLoS Computational Biology, 2020, 16, e1008301.	1.5	8
50	Title is missing!. , 2020, 16, e1008233.		0
51	Title is missing!. , 2020, 16, e1008233.		0
52	Title is missing!. , 2020, 16, e1008233.		0
53	Title is missing!. , 2020, 16, e1008233.		0
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55	Title is missing!. , 2020, 16, e1008301.		0
56	Title is missing!. , 2020, 16, e1008301.		0
57	Title is missing!. , 2020, 16, e1008301.		0
58	Title is missing!. , 2020, 16, e1008301.		0
59	Title is missing!. , 2020, 16, e1008301.		0
60	Superensemble forecast of respiratory syncytial virus outbreaks at national, regional, and state levels in the United States. Epidemics, 2019, 26, 1-8.	1.5	17
61	Reappraising the utility of Google Flu Trends. PLoS Computational Biology, 2019, 15, e1007258.	1.5	65
62	Comment on: â€˜Antibiotic footprintâ€™ as a communication tool to aid reduction of antibiotic consumption. Journal of Antimicrobial Chemotherapy, 2019, 74, 3404-3406.	1.3	3
63	Technology to advance infectious disease forecasting for outbreak management. Nature Communications, 2019, 10, 3932.	5.8	44
64	Collaborative efforts to forecast seasonal influenza in the United States, 2015â€"2016. Scientific Reports, 2019, 9, 683.	1.6	90
65	Spatiotemporal clustering of suicides in the US from 1999 to 2016: a spatial epidemiological approach. Social Psychiatry and Psychiatric Epidemiology, 2019, 54, 1471-1482.	1.6	18
66	Pathobiological features favouring the intercontinental dissemination of highly pathogenic avian influenza virus. Royal Society Open Science, 2019, 6, 190276.	1.1	4
67	The Impact of Environmental Transmission and Epidemiological Features on the Geographical Translocation of Highly Pathogenic Avian Influenza Virus. International Journal of Environmental Research and Public Health, 2019, 16, 1890.	1.2	4
68	Improved forecasts of influenza-associated hospitalization rates with Google Search Trends. Journal of the Royal Society Interface, 2019, 16, 20190080.	1.5	14
69	Modeling and Surveillance of Reporting Delays of Mosquitoes and Humans Infected With West Nile Virus and Associations With Accuracy of West Nile Virus Forecasts. JAMA Network Open, 2019, 2, e193175.	2.8	14
70	Predictability in process-based ensemble forecast of influenza. PLoS Computational Biology, 2019, 15, e1006783.	1.5	9
71	Development and validation of influenza forecasting for 64 temperate and tropical countries. PLoS Computational Biology, 2019, 15, e1006742.	1.5	23
72	Near-term forecasts of influenza-like illness. Epidemics, 2019, 27, 41-51.	1.5	27

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73	Characteristics of measles epidemics in China (1951-2004) and implications for elimination: A case study of three key locations. PLoS Computational Biology, 2019, 15, e1006806.	1.5	14
74	Impacts of the North Atlantic Warming Hole in Future Climate Projections: Mean Atmospheric Circulation and the North Atlantic Jet. Journal of Climate, 2019, 32, 2673-2689.	1.2	44
75	Longitudinal active sampling for respiratory viral infections across age groups. Influenza and Other Respiratory Viruses, 2019, 13, 226-232.	1.5	46
76	Reply to Bracher: Scoring probabilistic forecasts to maximize public health interpretability. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20811-20812.	3.3	10
77	An open challenge to advance probabilistic forecasting for dengue epidemics. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24268-24274.	3.3	136
78	El NiÃ±o-Southern oscillation and under-5 diarrhea in Botswana. Nature Communications, 2019, 10, 5798.	5.8	15
79	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. PLoS Computational Biology, 2019, 15, e1007486.	1.5	119
80	A collaborative multiyear, multimodel assessment of seasonal influenza forecasting in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3146-3154.	3.3	199
81	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0
82	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0
83	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0
84	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0
85	Pandemic preparedness and forecast. Nature Microbiology, 2018, 3, 265-267.	5.9	5
86	Forecasting the spatial transmission of influenza in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2752-2757.	3.3	119
87	Dynamics of influenza in tropical Africa: Temperature, humidity, and coâ€circulating (sub)types. Influenza and Other Respiratory Viruses, 2018, 12, 446-456.	1.5	30
88	The Need for Climate and Health Education. American Journal of Public Health, 2018, 108, S66-S67.	1.5	33
89	Asymptomatic Summertime Shedding of Respiratory Viruses. Journal of Infectious Diseases, 2018, 217, 1074-1077.	1.9	33
90	Association of spring-summer hydrology and meteorology with human West Nile virus infection in West Texas, USA, 2002â€"2016. Parasites and Vectors, 2018, 11, 224.	1.0	10

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91	Results from the second year of a collaborative effort to forecast influenza seasons in the United States. Epidemics, 2018, 24, 26-33.	1.5	83
92	Simulation of four respiratory viruses and inference of epidemiological parameters. Infectious Disease Modelling, 2018, 3, 23-34.	1.2	21
93	Transmission dynamics of influenza in two major cities of Uganda. Epidemics, 2018, 24, 43-48.	1.5	5
94	Hydrometeorology and flood pulse dynamics drive diarrheal disease outbreaks and increase vulnerability to climate change in surface-water-dependent populations: A retrospective analysis. PLoS Medicine, 2018, 15, e1002688.	3.9	37
95	Rotavirus Gastroenteritis Infection Among Children Vaccinated and Unvaccinated With Rotavirus Vaccine in Southern China. JAMA Network Open, 2018, 1, e181382.	2.8	19
96	Evaluation of mechanistic and statistical methods in forecasting influenza-like illness. Journal of the Royal Society Interface, 2018, 15, 20180174.	1.5	43
97	Asymptomatic Shedding of Respiratory Virus among an Ambulatory Population across Seasons. MSphere, 2018, 3, .	1.3	42
98	Influenza forecast optimization when using different surveillance data types and geographic scale. Influenza and Other Respiratory Viruses, 2018, 12, 755-764.	1.5	6
99	Assessing the Use of Influenza Forecasts and Epidemiological Modeling in Public Health Decision Making in the United States. Scientific Reports, 2018, 8, 12406.	1.6	23
100	Mechanisms Governing the Development of the North Atlantic Warming Hole in the CESM-LE Future Climate Simulations. Journal of Climate, 2018, 31, 5927-5946.	1.2	42
101	Use of temperature to improve West Nile virus forecasts. PLoS Computational Biology, 2018, 14, e1006047.	1.5	31
102	Emergence, Epidemiology, and Transmission Dynamics of 2009 Pandemic A/H1N1 Influenza in Kampala, Uganda, 2009â€“2015. American Journal of Tropical Medicine and Hygiene, 2018, 98, 203-206.	0.6	4
103	Conjunction of factors triggering waves of seasonal influenza. ELife, 2018, 7, .	2.8	35
104	Inference and control of the nosocomial transmission of methicillin-resistant Staphylococcus aureus. ELife, 2018, 7, .	2.8	36
105	Indoor temperature and humidity in New York City apartments during winter. Science of the Total Environment, 2017, 583, 29-35.	3.9	33
106	Health symptoms in relation to temperature, humidity, and self-reported perceptions of climate in New York City residential environments. International Journal of Biometeorology, 2017, 61, 1209-1220.	1.3	35
107	Teleconnection between the South Atlantic convergence zone and the southern Indian Ocean: Implications for tropical cyclone activity. Journal of Geophysical Research D: Atmospheres, 2017, 122, 728-740.	1.2	6
108	Ensemble forecast of human West Nile virus cases and mosquito infection rates. Nature Communications, 2017, 8, 14592.	5.8	76

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109	Efficient collective influence maximization in cascading processes with first-order transitions. Scientific Reports, 2017, 7, 45240.	1.6	50
110	Pre-vaccination evolution of antibodies among infants 0, 3 and 6 months of age: A longitudinal analysis of measles, enterovirus 71 and coxsackievirus 16. Vaccine, 2017, 35, 3817-3822.	1.7	5
111	Counteracting structural errors in ensemble forecast of influenza outbreaks. Nature Communications, 2017, 8, 925.	5.8	37
112	Type- and Subtype-Specific Influenza Forecast. American Journal of Epidemiology, 2017, 185, 395-402.	1.6	17
113	Influenza transmission during extreme indoor conditions in a low-resource tropical setting. International Journal of Biometeorology, 2017, 61, 613-622.	1.3	8
114	Heat-coping strategies and bedroom thermal satisfaction in New York City. Science of the Total Environment, 2017, 574, 1217-1231.	3.9	21
115	Geospatial characteristics of measles transmission in China during 2005â˘2014. PLoS Computational Biology, 2017, 13, e1005474.	1.5	17
116	Individual versus superensemble forecasts of seasonal influenza outbreaks in the United States. PLoS Computational Biology, 2017, 13, e1005801.	1.5	41
117	The use of ambient humidity conditions to improve influenza forecast. PLoS Computational Biology, 2017, 13, e1005844.	1.5	22
118	Local environmental and meteorological conditions influencing the invasive mosquito Ae. albopictus and arbovirus transmission risk in New York City. PLoS Neglected Tropical Diseases, 2017, 11, e0005828.	1.3	25
119	Subregional Nowcasts of Seasonal Influenza Using Search Trends. Journal of Medical Internet Research, 2017, 19, e370.	2.1	36
120	Inference and forecast of H7N9 influenza in China, 2013 to 2015. Eurosurveillance, 2017, 22, .	3.9	6
121	Results from the centers for disease control and preventionâ€™s predict the 2013â€“2014 Influenza Season Challenge. BMC Infectious Diseases, 2016, 16, 357.	1.3	144
122	Development and validation of a climate-based ensemble prediction model for West Nile Virus infection rates in Culex mosquitoes, Suffolk County, New York. Parasites and Vectors, 2016, 9, 443.	1.0	18
123	Retrospective Parameter Estimation and Forecast of Respiratory Syncytial Virus in the United States. PLoS Computational Biology, 2016, 12, e1005133.	1.5	32
124	Forecasting Influenza Outbreaks in Boroughs and Neighborhoods of New York City. PLoS Computational Biology, 2016, 12, e1005201.	1.5	35
125	Meteorological variability and infectious disease in Central Africa: a review of meteorological data quality. Annals of the New York Academy of Sciences, 2016, 1382, 31-43.	1.8	15
126	Placental antibody transfer efficiency and maternal levels: specific for measles, coxsackievirus A16, enterovirus 71, poliomyelitis I-III and HIV-1 antibodies. Scientific Reports, 2016, 6, 38874.	1.6	58

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127	Seasonal Influenza Infections and Cardiovascular Disease Mortality. JAMA Cardiology, 2016, 1, 274.	3.0	289
128	The Superposition of Eastward and Westward Rossby Waves in Response to Localized Forcing. Journal of Climate, 2016, 29, 7547-7557.	1.2	7
129	Superensemble forecasts of dengue outbreaks. Journal of the Royal Society Interface, 2016, 13, 20160410.	1.5	77
130	Transmission network of the 2014â€"2015 Ebola epidemic in Sierra Leone. Journal of the Royal Society Interface, 2015, 12, 20150536.	1.5	47
131	Do the Tropics Rule? Assessing the State of Tropical Climate Science. Bulletin of the American Meteorological Society, 2015, 96, ES211-ES214.	1.7	1
132	Impact of School Cycles and Environmental Forcing on the Timing of Pandemic Influenza Activity in Mexican States, May-December 2009. PLoS Computational Biology, 2015, 11, e1004337.	1.5	20
133	Inference of seasonal and pandemic influenza transmission dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2723-2728.	3.3	133
134	Improved Discrimination of Influenza Forecast Accuracy Using Consecutive Predictions. PLOS Currents, 2015, 7, .	1.4	11
135	Forecasting Influenza Epidemics in Hong Kong. PLoS Computational Biology, 2015, 11, e1004383.	1.5	83
136	What Factors Might Have Led to the Emergence of Ebola in West Africa?. PLoS Neglected Tropical Diseases, 2015, 9, e0003652.	1.3	206
137	The Seasonal Effects of ENSO on European Precipitation: Observational Analysis. Journal of Climate, 2014, 27, 6423-6438.	1.2	40
138	Spatial Transmission of 2009 Pandemic Influenza in the US. PLoS Computational Biology, 2014, 10, e1003635.	1.5	139
139	Comparison of Filtering Methods for the Modeling and Retrospective Forecasting of Influenza Epidemics. PLoS Computational Biology, 2014, 10, e1003583.	1.5	152
140	The Seasonal Effects of ENSO on Atmospheric Conditions Associated with European Precipitation: Model Simulations of Seasonal Teleconnections. Journal of Climate, 2014, 27, 1010-1028.	1.2	10
141	Mathematical models: A key tool for outbreak response. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18095-18096.	3.3	78
142	The 1918 influenza pandemic in <scp>N</scp>ew <scp>Y</scp>ork <scp>C</scp>ity: ageâ€specific timing, mortality, and transmission dynamics. Influenza and Other Respiratory Viruses, 2014, 8, 177-188.	1.5	30
143	Ebola: Mobility data. Science, 2014, 346, 433-433.	6.0	39
144	Predicting indoor heat exposure risk during extreme heat events. Science of the Total Environment, 2014, 490, 686-693.	3.9	96

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145	Inference and Forecast of the Current West African Ebola Outbreak in Guinea, Sierra Leone and Liberia. PLOS Currents, 2014, 6, .	1.4	67
146	Influenza Forecasting in Human Populations: A Scoping Review. PLoS ONE, 2014, 9, e94130.	1.1	153
147	Predictors of indoor absolute humidity and estimated effects on influenza virus survival in grade schools. BMC Infectious Diseases, 2013, 13, 71.	1.3	37
148	Real-time influenza forecasts during the 2012â€“2013 season. Nature Communications, 2013, 4, 2837.	5.8	234
149	Two longterm studies of seasonal variation in depressive symptoms among community participants. Journal of Affective Disorders, 2013, 151, 837-842.	2.0	19
150	Environmental Predictors of Seasonal Influenza Epidemics across Temperate and Tropical Climates. PLoS Pathogens, 2013, 9, e1003194.	2.1	416
151	Remote Forcing versus Local Feedback of East Pacific Intraseasonal Variability during Boreal Summer. Journal of Climate, 2013, 26, 3575-3596.	1.2	25
152	Fostering advances in interdisciplinary climate science. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3653-3656.	3.3	32
153	Reply to Rice and Henderson-Sellers: Survival of the fittest is not always the best option. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2664-E2664.	3.3	0
154	The El Nino-Southern Oscillation (ENSO)-pandemic Influenza connection: Coincident or causal?. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3689-3691.	3.3	36
155	Forecasting seasonal outbreaks of influenza. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20425-20430.	3.3	332
156	Complex Wavenumber Rossby Wave Ray Tracing. Journals of the Atmospheric Sciences, 2012, 69, 2112-2133.	0.6	13
157	Shortcomings in climate model simulations of the ENSO-Atlantic hurricane teleconnection. Climate Dynamics, 2012, 38, 1973-1988.	1.7	7
158	Shortcomings of Vitamin D-Based Model Simulations of Seasonal Influenza. PLoS ONE, 2011, 6, e20743.	1.1	40
159	Strategies for Controlling the Epizootic Amplification of Arboviruses. Journal of Medical Entomology, 2011, 48, 1189-1196.	0.9	4
160	Meteorological and Hydrological Influences on the Spatial and Temporal Prevalence of West Nile Virus in <I>Culex</I> Mosquitoes, Suffolk County, New York. Journal of Medical Entomology, 2011, 48, 867-875.	0.9	23
161	Absolute Humidity and Pandemic Versus Epidemic Influenza. American Journal of Epidemiology, 2011, 173, 127-135.	1.6	178
162	An Atmospheric Teleconnection Linking ENSO and Southwestern European Precipitation. Journal of Climate, 2011, 24, 124-139.	1.2	50

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163	Hydrologic Conditions Describe West Nile Virus Risk in Colorado. International Journal of Environmental Research and Public Health, 2010, 7, 494-508.	1.2	43
164	Airâ€"Sea Fluxes over the Gulf Stream Region: Atmospheric Controls and Trends. Journal of Climate, 2010, 23, 2651-2670.	1.2	39
165	Absolute Humidity and the Seasonal Onset of Influenza in the Continental United States. PLoS Biology, 2010, 8, e1000316.	2.6	513
166	Influenza Virus Contamination of Common Household Surfaces during the 2009 Influenza A (H1N1) Pandemic in Bangkok, Thailand: Implications for Contact Transmission. Clinical Infectious Diseases, 2010, 51, 1053-1061.	2.9	41
167	Severe Winter Freezes Enhance St. Louis Encephalitis Virus Amplification and Epidemic Transmission in Peninsular Florida. Journal of Medical Entomology, 2009, 46, 1498-1506.	0.9	14
168	Absolute humidity modulates influenza survival, transmission, and seasonality. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3243-3248.	3.3	843
169	The Dynamics of the ENSOâ€"Atlantic Hurricane Teleconnection: ENSO-Related Changes to the North Africanâ€"Asian Jet Affect Atlantic Basin Tropical Cyclogenesis. Journal of Climate, 2009, 22, 2458-2482.	1.2	30
170	Intraseasonal Variability of the West African Monsoon and Atlantic ITCZ. Journal of Climate, 2008, 21, 2898-2918.	1.2	89
171	Reproductive Phase Locking of Mosquito Populations in Response to Rainfall Frequency. PLoS ONE, 2007, 2, e331.	1.1	64
172	Twentieth Century Climate in the New York Hudson Highlands and the Potential Impacts on Eco-Hydrological Processes. Climatic Change, 2006, 75, 455-493.	1.7	1
173	An Ensemble Seasonal Forecast of Human Cases of St. Louis Encephalitis in Florida Based on Seasonal Hydrologic Forecasts. Climatic Change, 2006, 75, 495-511.	1.7	7
174	A hydrologically driven model of swamp water mosquito population dynamics. Ecological Modelling, 2006, 194, 395-404.	1.2	41
175	The Effect of ENSO on Tibetan Plateau Snow Depth: A Stationary Wave Teleconnection Mechanism and Implications for the South Asian Monsoons. Journal of Climate, 2005, 18, 2067-2079.	1.2	164
176	Drought-Induced Amplification and Epidemic Transmission of West Nile Virus in Southern Florida. Journal of Medical Entomology, 2005, 42, 134-141.	0.9	164
177	Achieving Operational Hydrologic Monitoring of Mosquitoborne Disease. Emerging Infectious Diseases, 2005, 11, 1343-1350.	2.0	34
178	Seasonal Forecast of St. Louis Encephalitis Virus Transmission, Florida. Emerging Infectious Diseases, 2004, 10, 802-809.	2.0	22
179	Are big basins just the sum of small catchments?. Hydrological Processes, 2004, 18, 3195-3206.	1.1	109
180	The spatial-temporal distribution of drought, wetting, and human cases of St. Louis encephalitis in southcentral Florida. American Journal of Tropical Medicine and Hygiene, 2004, 71, 251-61.	0.6	13

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181	St. Louis Encephalitis Virus in Wild Birds During the 1990 South Florida Epidemic: The Importance of Drought, Wetting Conditions, and the Emergence of<i>Culex nigripalpus</i>(Diptera: Culicidae) to Arboviral Amplification and Transmission. Journal of Medical Entomology, 2003, 40, 547-554.	0.9	47
182	A Local Forecast of Land Surface Wetness Conditions Derived from Seasonal Climate Predictions. Journal of Hydrometeorology, 2003, 4, 611-626.	0.7	15
183	Drought-Induced Amplification ofSaint Louis encephalitis virus, Florida. Emerging Infectious Diseases, 2002, 8, 575-580.	2.0	98
184	Using a Dynamic Hydrology Model To Predict Mosquito Abundances in Flood and Swamp Water. Emerging Infectious Diseases, 2002, 8, 8-13.	2.0	134
185	Analysis of HLA-DMB mutants and -DMB genomic structure. Immunogenetics, 1995, 41, 117-124.	1.2	10
186	An essential role for HLAâ€“DM in antigen presentation by class II major histocompatibility molecules. Nature, 1994, 368, 551-554.	13.7	376
187	Projected resurgence of COVID-19 in the United States in Julyâ€”December 2021 resulting from the increased transmissibility of the Delta variant and faltering vaccination. ELife, 0, 11, .	2.8	22