Jeffrey L Shaman

List of Publications by Year
in descending order

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187 papers	13,944 citations	44069 48 h-index	29157 104 g-index
218 all docs	218 docs citations	218 times ranked	18517 citing authors

#	Article	IF	Citations
1	Substantial undocumented infection facilitates the rapid dissemination of novel coronavirus (SARS-CoV-2). Science, 2020, 368, 489-493.	12.6	2,940
2	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.	7.1	843
3	Absolute Humidity and the Seasonal Onset of Influenza in the Continental United States. PLoS Biology, 2010, 8, e1000316.	5.6	513
4	Environmental Predictors of Seasonal Influenza Epidemics across Temperate and Tropical Climates. PLoS Pathogens, 2013, 9, e1003194.	4.7	416
5	An essential role for HLAâ€“DM in antigen presentation by class II major histocompatibility molecules. Nature, 1994, 368, 551-554.	27.8	376
6	Forecasting seasonal outbreaks of influenza. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20425-20430.	7.1	332
7	Seasonal Influenza Infections and Cardiovascular Disease Mortality. JAMA Cardiology, 2016, 1, 274.	6.1	289
8	Real-time influenza forecasts during the 2012â€“2013 season. Nature Communications, 2013, 4, 2837.	12.8	234
9	Differential effects of intervention timing on COVID-19 spread in the United States. Science Advances, 2020, 6, .	10.3	230
10	Mask-wearing and control of SARS-CoV-2 transmission in the USA: a cross-sectional study. The Lancet Digital Health, 2021, 3, e148-e157.	12.3	208
11	What Factors Might Have Led to the Emergence of Ebola in West Africa?. PLoS Neglected Tropical Diseases, 2015, 9, e0003652.	3.0	206
12	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.	7.1	199
13	Absolute Humidity and Pandemic Versus Epidemic Influenza. American Journal of Epidemiology, 2011, 173, 127-135.	3.4	178
14	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.	9.1	165
15	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.	3.2	164
16	Drought-Induced Amplification and Epidemic Transmission of West Nile Virus in Southern Florida. Journal of Medical Entomology, 2005, 42, 134-141.	1.8	164
17	Influenza Forecasting in Human Populations: A Scoping Review. PLoS ONE, 2014, 9, e94130.	2.5	153
18	Comparison of Filtering Methods for the Modeling and Retrospective Forecasting of Influenza Epidemics. PLoS Computational Biology, 2014, 10, e1003583.	3.2	152

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19	Results from the centers for disease control and preventionâ€™s predict the 2013â€“2014 Influenza Season Challenge. BMC Infectious Diseases, 2016, 16, 357.	2.9	144
20	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.	7.4	144
21	Spatial Transmission of 2009 Pandemic Influenza in the US. PLoS Computational Biology, 2014, 10, e1003635.	3.2	139
22	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.	7.1	136
23	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.	7.1	136
24	Using a Dynamic Hydrology Model To Predict Mosquito Abundances in Flood and Swamp Water. Emerging Infectious Diseases, 2002, 8, 8-13.	4.3	134
25	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.	7.1	133
26	Burden and characteristics of COVID-19 in the United States during 2020. Nature, 2021, 598, 338-341.	27.8	126
27	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.	7.1	119
28	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. PLoS Computational Biology, 2019, 15, e1007486.	3.2	119
29	arcasHLA: high-resolution HLA typing from RNAseq. Bioinformatics, 2020, 36, 33-40.	4.1	113
30	Are big basins just the sum of small catchments?. Hydrological Processes, 2004, 18, 3195-3206.	2.6	109
31	Direct Observation of Repeated Infections With Endemic Coronaviruses. Journal of Infectious Diseases, 2021, 223, 409-415.	4.0	104
32	Drought-Induced Amplification ofSaint Louis encephalitis virus, Florida. Emerging Infectious Diseases, 2002, 8, 575-580.	4.3	98
33	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. Nature Communications, 2021, 12, 3602.	12.8	97
34	Predicting indoor heat exposure risk during extreme heat events. Science of the Total Environment, 2014, 490, 686-693.	8.0	96
35	Will SARS-CoV-2 become endemic?. Science, 2020, 370, 527-529.	12.6	93
36	Collaborative efforts to forecast seasonal influenza in the United States, 2015â€“2016. Scientific Reports, 2019, 9, 683.	3.3	90

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37	Intraseasonal Variability of the West African Monsoon and Atlantic ITCZ. Journal of Climate, 2008, 21, 2898-2918.	3.2	89
38	Results from the second year of a collaborative effort to forecast influenza seasons in the United States. Epidemics, 2018, 24, 26-33.	3.0	83
39	Forecasting Influenza Epidemics in Hong Kong. PLoS Computational Biology, 2015, 11, e1004383.	3.2	83
40	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.	7.1	78
41	Superensemble forecasts of dengue outbreaks. Journal of the Royal Society Interface, 2016, 13, 20160410.	3.4	77
42	Ensemble forecast of human West Nile virus cases and mosquito infection rates. Nature Communications, 2017, 8, 14592.	12.8	76
43	Inference and Forecast of the Current West African Ebola Outbreak in Guinea, Sierra Leone and Liberia. PLOS Currents, 2014, 6, .	1.4	67
44	Reappraising the utility of Google Flu Trends. PLoS Computational Biology, 2019, 15, e1007258.	3.2	65
45	Reproductive Phase Locking of Mosquito Populations in Response to Rainfall Frequency. PLoS ONE, 2007, 2, e331.	2.5	64
46	Assessment of Climate-Health Curricula at International Health Professions Schools. JAMA Network Open, 2020, 3, e206609.	5.9	62
47	COVID-19 pandemic dynamics in India, the SARS-CoV-2 Delta variant and implications for vaccination. Journal of the Royal Society Interface, 2022, 19, .	3.4	60
48	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.	3.3	58
49	Differential COVIDâ€19 case positivity in New York City neighborhoods: Socioeconomic factors and mobility. Influenza and Other Respiratory Viruses, 2021, 15, 209-217.	3.4	58
50	An Atmospheric Teleconnection Linking ENSO and Southwestern European Precipitation. Journal of Climate, 2011, 24, 124-139.	3.2	50
51	Efficient collective influence maximization in cascading processes with first-order transitions. Scientific Reports, 2017, 7, 45240.	3.3	50
52	St. Louis Encephalitis Virus in Wild Birds During the 1990 South Florida Epidemic: The Importance of Drought, Wetting Conditions, and the Emergence ofCulex nigripalpus(Diptera: Culicidae) to Arboviral Amplification and Transmission. Journal of Medical Entomology, 2003, 40, 547-554.	1.8	47
53	Transmission network of the 2014â€“2015 Ebola epidemic in Sierra Leone. Journal of the Royal Society Interface, 2015, 12, 20150536.	3.4	47
54	Longitudinal active sampling for respiratory viral infections across age groups. Influenza and Other Respiratory Viruses, 2019, 13, 226-232.	3.4	46

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55	Compound Risks of Hurricane Evacuation Amid the COVIDâ€19 Pandemic in the United States. GeoHealth, 2020, 4, e2020GH000319.	4.0	45
56	Technology to advance infectious disease forecasting for outbreak management. Nature Communications, 2019, 10, 3932.	12.8	44
57	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.	3.2	44
58	Hydrologic Conditions Describe West Nile Virus Risk in Colorado. International Journal of Environmental Research and Public Health, 2010, 7, 494-508.	2.6	43
59	Evaluation of mechanistic and statistical methods in forecasting influenza-like illness. Journal of the Royal Society Interface, 2018, 15, 20180174.	3.4	43
60	Asymptomatic Shedding of Respiratory Virus among an Ambulatory Population across Seasons. MSphere, 2018, 3, .	2.9	42
61	Mechanisms Governing the Development of the North Atlantic Warming Hole in the CESM-LE Future Climate Simulations. Journal of Climate, 2018, 31, 5927-5946.	3.2	42
62	A hydrologically driven model of swamp water mosquito population dynamics. Ecological Modelling, 2006, 194, 395-404.	2.5	41
63	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.	5.8	41
64	Individual versus superensemble forecasts of seasonal influenza outbreaks in the United States. PLoS Computational Biology, 2017, 13, e1005801.	3.2	41
65	Shortcomings of Vitamin D-Based Model Simulations of Seasonal Influenza. PLoS ONE, 2011, 6, e20743.	2.5	40
66	The Seasonal Effects of ENSO on European Precipitation: Observational Analysis. Journal of Climate, 2014, 27, 6423-6438.	3.2	40
67	Airâ€“Sea Fluxes over the Gulf Stream Region: Atmospheric Controls and Trends. Journal of Climate, 2010, 23, 2651-2670.	3.2	39
68	Ebola: Mobility data. Science, 2014, 346, 433-433.	12.6	39
69	Quantifying the Impact of COVID-19 Nonpharmaceutical Interventions on Influenza Transmission in the United States. Journal of Infectious Diseases, 2021, 224, 1500-1508.	4.0	38
70	Predictors of indoor absolute humidity and estimated effects on influenza virus survival in grade schools. BMC Infectious Diseases, 2013, 13, 71.	2.9	37
71	Counteracting structural errors in ensemble forecast of influenza outbreaks. Nature Communications, 2017, 8, 925.	12.8	37
72	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.	8.4	37

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73	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.	7.1	36
74	Development of a model-inference system for estimating epidemiological characteristics of SARS-CoV-2 variants of concern. Nature Communications, 2021, 12, 5573.	12.8	36
75	Subregional Nowcasts of Seasonal Influenza Using Search Trends. Journal of Medical Internet Research, 2017, 19, e370.	4.3	36
76	Inference and control of the nosocomial transmission of methicillin-resistant Staphylococcus aureus. ELife, 2018, 7, .	6.0	36
77	Forecasting Influenza Outbreaks in Boroughs and Neighborhoods of New York City. PLoS Computational Biology, 2016, 12, e1005201.	3.2	35
78	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.	3.0	35
79	Conjunction of factors triggering waves of seasonal influenza. ELife, 2018, 7, .	6.0	35
80	Achieving Operational Hydrologic Monitoring of Mosquitoborne Disease. Emerging Infectious Diseases, 2005, 11, 1343-1350.	4.3	34
81	Predicting dengue outbreaks at neighbourhood level using human mobility in urban areas. Journal of the Royal Society Interface, 2020, 17, 20200691.	3.4	34
82	Indoor temperature and humidity in New York City apartments during winter. Science of the Total Environment, 2017, 583, 29-35.	8.0	33
83	The Need for Climate and Health Education. American Journal of Public Health, 2018, 108, S66-S67.	2.7	33
84	Asymptomatic Summertime Shedding of Respiratory Viruses. Journal of Infectious Diseases, 2018, 217, 1074-1077.	4.0	33
85	Fostering advances in interdisciplinary climate science. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3653-3656.	7.1	32
86	Retrospective Parameter Estimation and Forecast of Respiratory Syncytial Virus in the United States. PLoS Computational Biology, 2016, 12, e1005133.	3.2	32
87	Use of temperature to improve West Nile virus forecasts. PLoS Computational Biology, 2018, 14, e1006047.	3.2	31
88	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.	3.2	30
89	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.	3.4	30
90	Dynamics of influenza in tropical Africa: Temperature, humidity, and coâ€circulating (sub)types. Influenza and Other Respiratory Viruses, 2018, 12, 446-456.	3.4	30

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91	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.	3.4	29
92	Near-term forecasts of influenza-like illness. Epidemics, 2019, 27, 41-51.	3.0	27
93	Remote Forcing versus Local Feedback of East Pacific Intraseasonal Variability during Boreal Summer. Journal of Climate, 2013, 26, 3575-3596.	3.2	25
94	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.	3.0	25
95	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.	1.8	23
96	Assessing the Use of Influenza Forecasts and Epidemiological Modeling in Public Health Decision Making in the United States. Scientific Reports, 2018, 8, 12406.	3.3	23
97	Development and validation of influenza forecasting for 64 temperate and tropical countries. PLoS Computational Biology, 2019, 15, e1006742.	3.2	23
98	Seasonal Forecast of St. Louis Encephalitis Virus Transmission, Florida. Emerging Infectious Diseases, 2004, 10, 802-809.	4.3	22
99	The use of ambient humidity conditions to improve influenza forecast. PLoS Computational Biology, 2017, 13, e1005844.	3.2	22
100	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, .	6.0	22
101	Heat-coping strategies and bedroom thermal satisfaction in New York City. Science of the Total Environment, 2017, 574, 1217-1231.	8.0	21
102	Simulation of four respiratory viruses and inference of epidemiological parameters. Infectious Disease Modelling, 2018, 3, 23-34.	1.9	21
103	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.	7.9	21
104	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.	3.2	20
105	Two longterm studies of seasonal variation in depressive symptoms among community participants. Journal of Affective Disorders, 2013, 151, 837-842.	4.1	19
106	Rotavirus Gastroenteritis Infection Among Children Vaccinated and Unvaccinated With Rotavirus Vaccine in Southern China. JAMA Network Open, 2018, 1, e181382.	5.9	19
107	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.	2.5	18
108	Spatiotemporal clustering of suicides in the US from 1999 to 2016: a spatial epidemiological approach. Social Psychiatry and Psychiatric Epidemiology, 2019, 54, 1471-1482.	3.1	18

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109	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, .	7.1	18
110	Type- and Subtype-Specific Influenza Forecast. American Journal of Epidemiology, 2017, 185, 395-402.	3.4	17
111	Geospatial characteristics of measles transmission in China during 2005â˜’2014. PLoS Computational Biology, 2017, 13, e1005474.	3.2	17
112	Superensemble forecast of respiratory syncytial virus outbreaks at national, regional, and state levels in the United States. Epidemics, 2019, 26, 1-8.	3.0	17
113	Impact of the North Atlantic Warming Hole on Sensible Weather. Journal of Climate, 2020, 33, 4255-4271.	3.2	16
114	A Local Forecast of Land Surface Wetness Conditions Derived from Seasonal Climate Predictions. Journal of Hydrometeorology, 2003, 4, 611-626.	1.9	15
115	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.	3.8	15
116	El NiÃ±o-Southern oscillation and under-5 diarrhea in Botswana. Nature Communications, 2019, 10, 5798.	12.8	15
117	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.	2.6	15
118	Social distancing remains key during vaccinations. Science, 2021, 371, 473-474.	12.6	15
119	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.	2.5	15
120	Severe Winter Freezes Enhance St. Louis Encephalitis Virus Amplification and Epidemic Transmission in Peninsular Florida. Journal of Medical Entomology, 2009, 46, 1498-1506.	1.8	14
121	Improved forecasts of influenza-associated hospitalization rates with Google Search Trends. Journal of the Royal Society Interface, 2019, 16, 20190080.	3.4	14
122	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.	5.9	14
123	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.	3.2	14
124	Optimizing respiratory virus surveillance networks using uncertainty propagation. Nature Communications, 2021, 12, 222.	12.8	14
125	Complex Wavenumber Rossby Wave Ray Tracing. Journals of the Atmospheric Sciences, 2012, 69, 2112-2133.	1.7	13
126	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.	1.4	13

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127	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.	8.4	11
128	An estimation of undetected COVID cases in France. Nature, 2021, 590, 38-39.	27.8	11
129	Improved Discrimination of Influenza Forecast Accuracy Using Consecutive Predictions. PLOS Currents, 2015, 7, .	1.4	11
130	Forecasting influenza in Europe using a metapopulation model incorporating cross-border commuting and air travel. PLoS Computational Biology, 2020, 16, e1008233.	3.2	11
131	Analysis of HLA-DMB mutants and -DMB genomic structure. Immunogenetics, 1995, 41, 117-124.	2.4	10
132	The Seasonal Effects of ENSO on Atmospheric Conditions Associated with European Precipitation: Model Simulations of Seasonal Teleconnections. Journal of Climate, 2014, 27, 1010-1028.	3.2	10
133	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.	2.5	10
134	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.	7.1	10
135	Predictability in process-based ensemble forecast of influenza. PLoS Computational Biology, 2019, 15, e1006783.	3.2	9
136	Respiratory viruses in pediatric emergency department patients and their family members. Influenza and Other Respiratory Viruses, 2021, 15, 91-98.	3.4	9
137	Suicide and the agentâ€“hostâ€“environment triad: leveraging surveillance sources to inform prevention. Psychological Medicine, 2021, 51, 529-537.	4.5	9
138	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.	2.7	9
139	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.	3.4	9
140	Epidemic management and control through risk-dependent individual contact interventions. PLoS Computational Biology, 2022, 18, e1010171.	3.2	9
141	Influenza transmission during extreme indoor conditions in a low-resource tropical setting. International Journal of Biometeorology, 2017, 61, 613-622.	3.0	8
142	Aggregating forecasts of multiple respiratory pathogens supports more accurate forecasting of influenza-like illness. PLoS Computational Biology, 2020, 16, e1008301.	3.2	8
143	An Ensemble Seasonal Forecast of Human Cases of St. Louis Encephalitis in Florida Based on Seasonal Hydrologic Forecasts. Climatic Change, 2006, 75, 495-511.	3.6	7
144	Shortcomings in climate model simulations of the ENSO-Atlantic hurricane teleconnection. Climate Dynamics, 2012, 38, 1973-1988.	3.8	7

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145	The Superposition of Eastward and Westward Rossby Waves in Response to Localized Forcing. Journal of Climate, 2016, 29, 7547-7557.	3.2	7
146	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.	3.3	6
147	Influenza forecast optimization when using different surveillance data types and geographic scale. Influenza and Other Respiratory Viruses, 2018, 12, 755-764.	3.4	6
148	Inference and forecast of H7N9 influenza in China, 2013 to 2015. Eurosurveillance, 2017, 22, .	7.0	6
149	Racial Disparities in Spatial and Temporal Youth Suicide Clusters. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 1131-1140.e5.	0.5	6
150	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.	3.8	5
151	Pandemic preparedness and forecast. Nature Microbiology, 2018, 3, 265-267.	13.3	5
152	Transmission dynamics of influenza in two major cities of Uganda. Epidemics, 2018, 24, 43-48.	3.0	5
153	Ensemble forecast and parameter inference of childhood diarrhea in Chobe District, Botswana. Epidemics, 2020, 30, 100372.	3.0	5
154	Role of Firearm Ownership on 2001â€“2016 Trends in U.S. Firearm Suicide Rates. American Journal of Preventive Medicine, 2021, 61, 795-803.	3.0	5
155	Socioeconomic Disparities in Severe Acute Respiratory Syndrome Coronavirus 2 Serological Testing and Positivity in New York City. Open Forum Infectious Diseases, 2021, 8, ofab534.	0.9	5
156	Strategies for Controlling the Epizootic Amplification of Arboviruses. Journal of Medical Entomology, 2011, 48, 1189-1196.	1.8	4
157	Pathobiological features favouring the intercontinental dissemination of highly pathogenic avian influenza virus. Royal Society Open Science, 2019, 6, 190276.	2.4	4
158	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.	2.6	4
159	A framework for evaluating the effects of observational type and quality on vector-borne disease forecast. Epidemics, 2020, 30, 100359.	3.0	4
160	Active surveillance documents rates of clinical care seeking due to respiratory illness. Influenza and Other Respiratory Viruses, 2020, 14, 499-506.	3.4	4
161	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.	1.4	4
162	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.	3.4	4

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163	Heat stress morbidity among US military personnel: Daily exposure and lagged response (1998â€“2019). International Journal of Biometeorology, 2022, 66, 1199-1208.	3.0	4
164	Comment on: â€˜Antibiotic footprintâ€™ as a communication tool to aid reduction of antibiotic consumption. Journal of Antimicrobial Chemotherapy, 2019, 74, 3404-3406.	3.0	3
165	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. ISEE Conference Abstracts, 2021, 2021, .	0.0	2
166	Non-pharmaceutical interventions and inoculation rate shape SARS-CoV-2 vaccination campaign success. Epidemiology and Infection, 2021, 149, .	2.1	2
167	Contagion and Psychiatric Disorders: The Social Epidemiology of Risk (Comment on â€œThe Epidemic of) Tj ETQq1 1 0.784314 rgBT /O	6.9	2
168	Twentieth Century Climate in the New York Hudson Highlands and the Potential Impacts on Eco-Hydrological Processes. Climatic Change, 2006, 75, 455-493.	3.6	1
169	Do the Tropics Rule? Assessing the State of Tropical Climate Science. Bulletin of the American Meteorological Society, 2015, 96, ES211-ES214.	3.3	1
170	Inference and dynamic simulation of malaria using a simple climate-driven entomological model of malaria transmission. PLoS Computational Biology, 2022, 18, e1010161.	3.2	1
171	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.	7.1	0
172	Socioeconomic Disparities in SARS-CoV-2 Serology Testing in New York City. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
173	The role of long-term air pollution for COVID-19 infection and severity during pregnancy. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
174	Title is missing!. , 2020, 16, e1008233.		0
175	Title is missing!. , 2020, 16, e1008233.		0
176	Title is missing!. , 2020, 16, e1008233.		0
177	Title is missing!. , 2020, 16, e1008233.		0
178	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0
179	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0
180	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0

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181	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S.. , 2019, 15, e1007486.		0
182	Title is missing!. , 2020, 16, e1008301.		0
183	Title is missing!. , 2020, 16, e1008301.		0
184	Title is missing!. , 2020, 16, e1008301.		0
185	Title is missing!. , 2020, 16, e1008301.		0
186	Title is missing!. , 2020, 16, e1008301.		0
187	Title is missing!. , 2020, 16, e1008301.		0