

# John S Brownstein

## List of Publications by Year in descending order

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Version: 2024-02-01

277  
papers

34,897  
citations

9786

73  
h-index

4342

173  
g-index

312  
all docs

312  
docs citations

312  
times ranked

42603  
citing authors

#	ARTICLE	IF	CITATIONS
1	The global distribution and burden of dengue. <i>Nature</i> , 2013, 496, 504-507.	27.8	7,138
2	Emerging fungal threats to animal, plant and ecosystem health. <i>Nature</i> , 2012, 484, 186-194.	27.8	2,478
3	The effect of human mobility and control measures on the COVID-19 epidemic in China. <i>Science</i> , 2020, 368, 493-497.	12.6	2,168
4	Risk of COVID-19 among front-line health-care workers and the general community: a prospective cohort study. <i>Lancet Public Health</i> , The, 2020, 5, e475-e483.	10.0	1,595
5	Refining the Global Spatial Limits of Dengue Virus Transmission by Evidence-Based Consensus. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1760.	3.0	1,276
6	Past and future spread of the arbovirus vectors <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . <i>Nature Microbiology</i> , 2019, 4, 854-863.	13.3	699
7	Digital Disease Detection “ Harnessing the Web for Public Health Surveillance. <i>New England Journal of Medicine</i> , 2009, 360, 2153-2157.	27.0	680
8	Factors Associated With US Adults’ Likelihood of Accepting COVID-19 Vaccination. <i>JAMA Network Open</i> , 2020, 3, e2025594.	5.9	576
9	Digital Epidemiology. <i>PLoS Computational Biology</i> , 2012, 8, e1002616.	3.2	408
10	Anticipating the international spread of Zika virus from Brazil. <i>Lancet</i> , The, 2016, 387, 335-336.	13.7	401
11	GeoSentinel Surveillance of Illness in Returned Travelers, 2007–2011. <i>Annals of Internal Medicine</i> , 2013, 158, 456.	3.9	380
12	HealthMap: Global Infectious Disease Monitoring through Automated Classification and Visualization of Internet Media Reports. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008, 15, 150-157.	4.4	377
13	Social and News Media Enable Estimation of Epidemiological Patterns Early in the 2010 Haitian Cholera Outbreak. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 86, 39-45.	1.4	364
14	Combining Search, Social Media, and Traditional Data Sources to Improve Influenza Surveillance. <i>PLoS Computational Biology</i> , 2015, 11, e1004513.	3.2	338
15	The digital phenotype. <i>Nature Biotechnology</i> , 2015, 33, 462-463.	17.5	338
16	Mapping the zoonotic niche of Ebola virus disease in Africa. <i>ELife</i> , 2014, 3, e04395.	6.0	328
17	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. <i>Science</i> , 2020, 368, 1362-1367.	12.6	313
18	Mapping global environmental suitability for Zika virus. <i>ELife</i> , 2016, 5, .	6.0	299

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19	Surveillance Sans Frontières: Internet-Based Emerging Infectious Disease Intelligence and the HealthMap Project. PLoS Medicine, 2008, 5, e151.	8.4	298
20	Antibiotic resistance increases with local temperature. Nature Climate Change, 2018, 8, 510-514.	18.8	287
21	Epidemiological data from the COVID-19 outbreak, real-time case information. Scientific Data, 2020, 7, 106.	5.3	280
22	Tracking the Rise in Popularity of Electronic Nicotine Delivery Systems (Electronic Cigarettes) Using Search Query Surveillance. American Journal of Preventive Medicine, 2011, 40, 448-453.	3.0	266
23	Association Between Fine Particulate Matter and Diabetes Prevalence in the U.S.. Diabetes Care, 2010, 33, 2196-2201.	8.6	249
24	Digital Drug Safety Surveillance: Monitoring Pharmaceutical Products in Twitter. Drug Safety, 2014, 37, 343-350.	3.2	241
25	Empirical Evidence for the Effect of Airline Travel on Inter-Regional Influenza Spread in the United States. PLoS Medicine, 2006, 3, e401.	8.4	221
26	Using Web Search Query Data to Monitor Dengue Epidemics: A New Model for Neglected Tropical Disease Surveillance. PLoS Neglected Tropical Diseases, 2011, 5, e1206.	3.0	219
27	A climate-based model predicts the spatial distribution of the Lyme disease vector Ixodes scapularis in the United States.. Environmental Health Perspectives, 2003, 111, 1152-1157.	6.0	212
28	Effect of Climate Change on Lyme Disease Risk in North America. EcoHealth, 2005, 2, 38-46.	2.0	212
29	Big Data Opportunities for Global Infectious Disease Surveillance. PLoS Medicine, 2013, 10, e1001413.	8.4	211
30	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
31	Forest fragmentation predicts local scale heterogeneity of Lyme disease risk. Oecologia, 2005, 146, 469-475.	2.0	205
32	Crowding and the shape of COVID-19 epidemics. Nature Medicine, 2020, 26, 1829-1834.	30.7	204
33	Global distribution maps of the leishmaniases. ELife, 2014, 3, .	6.0	203
34	Ethical Challenges of Big Data in Public Health. PLoS Computational Biology, 2015, 11, e1003904.	3.2	203
35	Assessment of the potential for international dissemination of Ebola virus via commercial air travel during the 2014 west African outbreak. Lancet, The, 2015, 385, 29-35.	13.7	198
36	The global distribution of Crimean-Congo hemorrhagic fever. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 503-513.	1.8	193

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37	Monitoring Influenza Epidemics in China with Search Query from Baidu. PLoS ONE, 2013, 8, e64323.	2.5	190
38	Participatory Epidemiology: Use of Mobile Phones for Community-Based Health Reporting. PLoS Medicine, 2010, 7, e1000376.	8.4	185
39	Spread of yellow fever virus outbreak in Angola and the Democratic Republic of the Congo 2015-16: a modelling study. Lancet Infectious Diseases, The, 2017, 17, 330-338.	9.1	185
40	A systematic review of studies on forecasting the dynamics of influenza outbreaks. Influenza and Other Respiratory Viruses, 2014, 8, 309-316.	3.4	180
41	Global capacity for emerging infectious disease detection. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21701-21706.	7.1	179
42	Flu Near You: Crowdsourced Symptom Reporting Spanning 2 Influenza Seasons. American Journal of Public Health, 2015, 105, 2124-2130.	2.7	179
43	Measuring vaccine confidence: analysis of data obtained by a media surveillance system used to analyse public concerns about vaccines. Lancet Infectious Diseases, The, 2013, 13, 606-613.	9.1	174
44	Wikipedia Usage Estimates Prevalence of Influenza-Like Illness in the United States in Near Real-Time. PLoS Computational Biology, 2014, 10, e1003581.	3.2	174
45	Potential for Zika virus introduction and transmission in resource-limited countries in Africa and the Asia-Pacific region: a modelling study. Lancet Infectious Diseases, The, 2016, 16, 1237-1245.	9.1	163
46	Use of Unstructured Event-Based Reports for Global Infectious Disease Surveillance. Emerging Infectious Diseases, 2009, 15, 689-695.	4.3	161
47	Public health for the people: participatory infectious disease surveillance in the digital age. Emerging Themes in Epidemiology, 2014, 11, 7.	2.7	151
48	Forecasting Zika Incidence in the 2016 Latin America Outbreak Combining Traditional Disease Surveillance with Search, Social Media, and News Report Data. PLoS Neglected Tropical Diseases, 2017, 11, e0005295.	3.0	151
49	Influenza A (H7N9) and the Importance of Digital Epidemiology. New England Journal of Medicine, 2013, 369, 401-404.	27.0	149
50	Identifying Pediatric Age Groups for Influenza Vaccination Using a Real-Time Regional Surveillance System. American Journal of Epidemiology, 2005, 162, 686-693.	3.4	138
51	Use of At-Home COVID-19 Tests - United States, August 23, 2021-March 12, 2022. Morbidity and Mortality Weekly Report, 2022, 71, 489-494.	15.1	137
52	A Case Study of the New York City 2012-2013 Influenza Season With Daily Geocoded Twitter Data From Temporal and Spatiotemporal Perspectives. Journal of Medical Internet Research, 2014, 16, e236.	4.3	136
53	The power of social networking in medicine. Nature Biotechnology, 2009, 27, 888-890.	17.5	133
54	The distribution of antibiotic use and its association with antibiotic resistance. ELife, 2018, 7, .	6.0	132

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55	Measuring patient-perceived quality of care in US hospitals using Twitter. <i>BMJ Quality and Safety</i> , 2016, 25, 404-413.	3.7	130
56	Spatial Analysis of West Nile Virus: Rapid Risk Assessment of an Introduced Vector-Borne Zoonosis. <i>Vector-Borne and Zoonotic Diseases</i> , 2002, 2, 157-164.	1.5	129
57	Geographic access to United States SARS-CoV-2 testing sites highlights healthcare disparities and may bias transmission estimates. <i>Journal of Travel Medicine</i> , 2020, 27, .	3.0	128
58	Enhancing disease surveillance with novel data streams: challenges and opportunities. <i>EPJ Data Science</i> , 2015, 4, .	2.8	119
59	Policy implications of big data in the health sector. <i>Bulletin of the World Health Organization</i> , 2018, 96, 66-68.	3.3	118
60	Substandard Vaccination Compliance and the 2015 Measles Outbreak. <i>JAMA Pediatrics</i> , 2015, 169, 494.	6.2	116
61	Association of #COVID19 Versus #ChineseVirus With Anti-Asian Sentiments on Twitter: March 9â€“23, 2020. <i>American Journal of Public Health</i> , 2021, 111, 956-964.	2.7	114
62	Evaluation of Internet-Based Dengue Query Data: Google Dengue Trends. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2713.	3.0	107
63	Utilizing Nontraditional Data Sources for Near Real-Time Estimation of Transmission Dynamics During the 2015-2016 Colombian Zika Virus Disease Outbreak. <i>JMIR Public Health and Surveillance</i> , 2016, 2, e30.	2.6	106
64	Adult Prescription Drug Use and Pediatric Medication Exposures and Poisonings. <i>Pediatrics</i> , 2013, 132, 18-27.	2.1	104
65	A Dispersal Model for the Range Expansion of Blacklegged Tick ( <i>Acari: Ixodidae</i> ). <i>Journal of Medical Entomology</i> , 2004, 41, 842-852.	1.8	103
66	A global compendium of human dengue virus occurrence. <i>Scientific Data</i> , 2014, 1, 140004.	5.3	100
67	Evaluation of Facebook and Twitter Monitoring to Detect Safety Signals for Medical Products: An Analysis of Recent FDA Safety Alerts. <i>Drug Safety</i> , 2017, 40, 317-331.	3.2	99
68	Travel-associated Illness Trends and Clusters, 2000â€“2010. <i>Emerging Infectious Diseases</i> , 2013, 19, 1049-1073.	4.3	95
69	National addictions vigilance intervention and prevention program (NAVIPPROâ„¢): a real-time, product-specific, public health surveillance system for monitoring prescription drug abuse. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 1142-1154.	1.9	94
70	Does Collocation Inform the Impact of Collaboration?. <i>PLoS ONE</i> , 2010, 5, e14279.	2.5	88
71	Information Technology and Global Surveillance of Cases of 2009 H1N1 Influenza. <i>New England Journal of Medicine</i> , 2010, 362, 1731-1735.	27.0	88
72	Accurate Influenza Monitoring and Forecasting Using Novel Internet Data Streams: A Case Study in the Boston Metropolis. <i>JMIR Public Health and Surveillance</i> , 2018, 4, e4.	2.6	85

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73	Interaction and Transmission of Two <i>Borrelia burgdorferi</i> Sensu Stricto Strains in a Tick-Rodent Maintenance System. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6783-6788.	3.1	83
74	Real-time Epidemic Forecasting: Challenges and Opportunities. <i>Health Security</i> , 2019, 17, 268-275.	1.8	83
75	Evaluating the performance of infectious disease forecasts: A comparison of climate-driven and seasonal dengue forecasts for Mexico. <i>Scientific Reports</i> , 2016, 6, 33707.	3.3	82
76	Mapping global variation in human mobility. <i>Nature Human Behaviour</i> , 2020, 4, 800-810.	12.0	82
77	Online reports of foodborne illness capture foods implicated in official foodborne outbreak reports. <i>Preventive Medicine</i> , 2014, 67, 264-269.	3.4	81
78	Using electronic health records and Internet search information for accurate influenza forecasting. <i>BMC Infectious Diseases</i> , 2017, 17, 332.	2.9	79
79	Social Media Listening for Routine Post-Marketing Safety Surveillance. <i>Drug Safety</i> , 2016, 39, 443-454.	3.2	78
80	Public attitudes toward COVID-19 vaccination: The role of vaccine attributes, incentives, and misinformation. <i>Npj Vaccines</i> , 2021, 6, 73.	6.0	78
81	Advances in using Internet searches to track dengue. <i>PLoS Computational Biology</i> , 2017, 13, e1005607.	3.2	76
82	Rapid Identification of Myocardial Infarction Risk Associated With Diabetes Medications Using Electronic Medical Records. <i>Diabetes Care</i> , 2010, 33, 526-531.	8.6	74
83	Characterizing Sleep Issues Using Twitter. <i>Journal of Medical Internet Research</i> , 2015, 17, e140.	4.3	71
84	No Place to Hide – Reverse Identification of Patients from Published Maps. <i>New England Journal of Medicine</i> , 2006, 355, 1741-1742.	27.0	69
85	Geographic information systems and pharmacoepidemiology: using spatial cluster detection to monitor local patterns of prescription opioid abuse. <i>Pharmacoepidemiology and Drug Safety</i> , 2010, 19, 627-637.	1.9	69
86	Evaluation of Epidemic Intelligence Systems Integrated in the Early Alerting and Reporting Project for the Detection of A/H5N1 Influenza Events. <i>PLoS ONE</i> , 2013, 8, e57252.	2.5	68
87	Application of change point analysis to daily influenza-like illness emergency department visits. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 1075-1081.	4.4	67
88	SOCIAL MEDIA MINING FOR PUBLIC HEALTH MONITORING AND SURVEILLANCE. , 2016, , .		66
89	Influenza A (H1N1) Virus, 2009 – Online Monitoring. <i>New England Journal of Medicine</i> , 2009, 360, 2156-2156.	27.0	64
90	Infectious disease surveillance and modelling across geographic frontiers and scientific specialties. <i>Lancet Infectious Diseases</i> , The, 2012, 12, 222-230.	9.1	64

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91	Using Clinicians' Search Query Data to Monitor Influenza Epidemics. <i>Clinical Infectious Diseases</i> , 2014, 59, 1446-1450.	5.8	64
92	Mortality Risk Factors for Middle East Respiratory Syndrome Outbreak, South Korea, 2015. <i>Emerging Infectious Diseases</i> , 2015, 21, 2088-2090.	4.3	64
93	Quantitative methods of identifying the key nodes in the illegal wildlife trade network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7948-7953.	7.1	64
94	Assessing the Origin of and Potential for International Spread of Chikungunya Virus from the Caribbean. <i>PLOS Currents</i> , 2014, 6, .	1.4	64
95	Breaking the News or Fueling the Epidemic? Temporal Association between News Media Report Volume and Opioid-Related Mortality. <i>PLoS ONE</i> , 2009, 4, e7758.	2.5	62
96	Global Public Health Implications of a Mass Gathering in Mecca, Saudi Arabia During the Midst of an Influenza Pandemic. <i>Journal of Travel Medicine</i> , 2010, 17, 75-81.	3.0	62
97	The Tell-Tale Heart: Population-Based Surveillance Reveals an Association of Rofecoxib and Celecoxib with Myocardial Infarction. <i>PLoS ONE</i> , 2007, 2, e840.	2.5	62
98	Using internet search queries for infectious disease surveillance: screening diseases for suitability. <i>BMC Infectious Diseases</i> , 2014, 14, 690.	2.9	61
99	Determinants of Participants'™ Follow-Up and Characterization of Representativeness in Flu Near You, A Participatory Disease Surveillance System. <i>JMIR Public Health and Surveillance</i> , 2017, 3, e18.	2.6	59
100	Privacy-first health research with federated learning. <i>Npj Digital Medicine</i> , 2021, 4, 132.	10.9	58
101	Assessing the Online Social Environment for Surveillance of Obesity Prevalence. <i>PLoS ONE</i> , 2013, 8, e61373.	2.5	56
102	Mask wearing in community settings reduces SARS-CoV-2 transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	56
103	Enhancing West Nile Virus Surveillance, United States. <i>Emerging Infectious Diseases</i> , 2004, 10, 1129-1133.	4.3	53
104	Novel surveillance of psychological distress during the great recession. <i>Journal of Affective Disorders</i> , 2012, 142, 323-330.	4.1	53
105	Flu Near You: An Online Self-reported Influenza Surveillance System in the USA. <i>Online Journal of Public Health Informatics</i> , 2013, 5, .	0.7	53
106	Putting the Public Back in Public Health – Surveying Symptoms of Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, e45.	27.0	52
107	Potential for Electronic Health Records and Online Social Networking to Redefine Medical Research. <i>Clinical Chemistry</i> , 2011, 57, 196-204.	3.2	51
108	Using Search Query Surveillance to Monitor Tax Avoidance and Smoking Cessation following the United States' 2009 – SCHIP – Cigarette Tax Increase. <i>PLoS ONE</i> , 2011, 6, e16777.	2.5	51

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109	Anosmia, ageusia, and other COVID-19-like symptoms in association with a positive SARS-CoV-2 test, across six national digital surveillance platforms: an observational study. <i>The Lancet Digital Health</i> , 2021, 3, e577-e586.	12.3	51
110	Using Twitter to Identify and Respond to Food Poisoning: The Food Safety STL Project. <i>Journal of Public Health Management and Practice</i> , 2017, 23, 577-580.	1.4	50
111	Using search queries for malaria surveillance, Thailand. <i>Malaria Journal</i> , 2013, 12, 390.	2.3	49
112	Evaluation of the United States Department of Agriculture Northeast Area-Wide Tick Control Project by Meta-Analysis. <i>Vector-Borne and Zoonotic Diseases</i> , 2009, 9, 423-430.	1.5	47
113	Estimating influenza attack rates in the United States using a participatory cohort. <i>Scientific Reports</i> , 2015, 5, 9540.	3.3	47
114	Entry and exit screening of airline travellers during the A(H1N1) 2009 pandemic: a retrospective evaluation. <i>Bulletin of the World Health Organization</i> , 2013, 91, 368-376.	3.3	46
115	Digital surveillance for enhanced detection and response to outbreaks. <i>Lancet Infectious Diseases</i> , 2014, 14, 1035-1037.	9.1	46
116	Disease Surveillance on Complex Social Networks. <i>PLoS Computational Biology</i> , 2016, 12, e1004928.	3.2	46
117	Increasing Patient Engagement in Pharmacovigilance Through Online Community Outreach and Mobile Reporting Applications: An Analysis of Adverse Event Reporting for the Essure Device in the US. <i>Pharmaceutical Medicine</i> , 2015, 29, 331-340.	1.9	44
118	Strengthening the International Health Regulations: lessons from the H1N1 pandemic. <i>Health Policy and Planning</i> , 2010, 25, 505-509.	2.7	43
119	Global database of leishmaniasis occurrence locations, 1960–2012. <i>Scientific Data</i> , 2014, 1, 140036.	5.3	43
120	Factors Influencing Performance of Internet-Based Biosurveillance Systems Used in Epidemic Intelligence for Early Detection of Infectious Diseases Outbreaks. <i>PLoS ONE</i> , 2014, 9, e90536.	2.5	43
121	Evidence-based Tool for Triggering School Closures during Influenza Outbreaks, Japan. <i>Emerging Infectious Diseases</i> , 2009, 15, 1841-1843.	4.3	42
122	Digital Surveillance: A Novel Approach to Monitoring the Illegal Wildlife Trade. <i>PLoS ONE</i> , 2012, 7, e51156.	2.5	42
123	Combining Participatory Influenza Surveillance with Modeling and Forecasting: Three Alternative Approaches. <i>JMIR Public Health and Surveillance</i> , 2017, 3, e83.	2.6	42
124	Risk of Type 2 Diabetes Is Lower in US Adults Taking Chromium-Containing Supplements. <i>Journal of Nutrition</i> , 2015, 145, 2675-2682.	2.9	41
125	New technologies for reporting real-time emergent infections. <i>Parasitology</i> , 2012, 139, 1843-1851.	1.5	40
126	Using Twitter to Detect Psychological Characteristics of Self-Identified Persons With Autism Spectrum Disorder: A Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12264.	3.7	39



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127	Environment-Wide Association Study of Blood Pressure in the National Health and Nutrition Examination Survey (1999â€“2012). <i>Scientific Reports</i> , 2016, 6, 30373.	3.3	38
128	Use of Twitter social media activity as a proxy for human mobility to predict the spatiotemporal spread of COVID-19 at global scale. <i>Geospatial Health</i> , 2020, 15, .	0.8	38
129	The Biopsychosocial-Digital Approach to Health and Disease: Call for a Paradigm Expansion. <i>Journal of Medical Internet Research</i> , 2018, 20, e189.	4.3	38
130	Preventing Pandemics Via International Development: A Systems Approach. <i>PLoS Medicine</i> , 2012, 9, e1001354.	8.4	37
131	Drivers of Emerging Infectious Disease Events as a Framework for Digital Detection. <i>Emerging Infectious Diseases</i> , 2015, 21, 1285-1292.	4.3	37
132	Online Communication about Depression and Anxiety among Twitter Users with Schizophrenia: Preliminary Findings to Inform a Digital Phenotype Using Social Media. <i>Psychiatric Quarterly</i> , 2018, 89, 569-580.	2.1	37
133	Why We Need Crowdsourced Data in Infectious Disease Surveillance. <i>Current Infectious Disease Reports</i> , 2013, 15, 316-319.	3.0	36
134	A global compendium of human Crimean-Congo haemorrhagic fever virus occurrence. <i>Scientific Data</i> , 2015, 2, 150016.	5.3	36
135	Comparison of crowd-sourced, electronic health records based, and traditional health-care based influenza-tracking systems at multiple spatial resolutions in the United States of America. <i>BMC Infectious Diseases</i> , 2018, 18, 403.	2.9	36
136	Associations between changes in population mobility in response to the COVID-19 pandemic and socioeconomic factors at the city level in China and country level worldwide: a retrospective, observational study. <i>The Lancet Digital Health</i> , 2021, 3, e349-e359.	12.3	35
137	2014 Ebola Outbreak: Media Events Track Changes in Observed Reproductive Number. <i>PLOS Currents</i> , 2015, 7, .	1.4	35
138	Global monitoring of the impact of the COVID-19 pandemic through online surveys sampled from the Facebook user base. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	35
139	The COronavirus Pandemic Epidemiology (COPE) Consortium: A Call to Action. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1283-1289.	2.5	34
140	Monitoring Online Discussions About Suicide Among Twitter Users With Schizophrenia: Exploratory Study. <i>JMIR Mental Health</i> , 2018, 5, e11483.	3.3	34
141	Temporal Topic Modeling to Assess Associations between News Trends and Infectious Disease Outbreaks. <i>Scientific Reports</i> , 2017, 7, 40841.	3.3	32
142	Feasibility of using social media to monitor outdoor air pollution in London, England. <i>Preventive Medicine</i> , 2019, 121, 86-93.	3.4	32
143	The Relationship between US Adultsâ€™ Misconceptions about COVID-19 Vaccines and Vaccination Preferences. <i>Vaccines</i> , 2021, 9, 901.	4.4	32
144	Guess Whoâ€™s Not Coming to Dinner? Evaluating Online Restaurant Reservations for Disease Surveillance. <i>Journal of Medical Internet Research</i> , 2014, 16, e22.	4.3	32

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145	Methodological Approaches to Evaluate the Impact of FDA Drug Safety Communications. <i>Drug Safety</i> , 2015, 38, 565-575.	3.2	31
146	Real-Time Digital Surveillance of Vaping-Induced Pulmonary Disease. <i>New England Journal of Medicine</i> , 2019, 381, 1778-1780.	27.0	31
147	Seven pillars of precision digital health and medicine. <i>Artificial Intelligence in Medicine</i> , 2020, 103, 101793.	6.5	31
148	Social Media as a Sentinel for Disease Surveillance: What Does Sociodemographic Status Have to Do with It?. <i>PLOS Currents</i> , 2016, 8, .	1.4	31
149	Density-equalizing Euclidean minimum spanning trees for the detection of all disease cluster shapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9404-9409.	7.1	30
150	The Role of Social Mobilization in Controlling Ebola Virus in Lofa County, Liberia. <i>PLOS Currents</i> , 2015, 7, .	1.4	30
151	Severe Fever with Thrombocytopenia Syndrome Virus in Humans, Domesticated Animals, Ticks, and Mosquitoes, Shaanxi Province, China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 1346-1349.	1.4	30
152	Surface water areas significantly impacted 2014 dengue outbreaks in Guangzhou, China. <i>Environmental Research</i> , 2016, 150, 299-305.	7.5	29
153	Use of a Digital Health Application for Influenza Surveillance in China. <i>American Journal of Public Health</i> , 2017, 107, 1130-1136.	2.7	29
154	Guest Editorial Explainable AI: Towards Fairness, Accountability, Transparency and Trust in Healthcare. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2374-2375.	6.3	29
155	Forecasting malaria in a highly endemic country using environmental and clinical predictors. <i>Malaria Journal</i> , 2015, 14, 245.	2.3	28
156	Dengue on islands: a Bayesian approach to understanding the global ecology of dengue viruses. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 303-312.	1.8	28
157	A Platform for Monitoring Regional Antimicrobial Resistance, Using Online Data Sources: ResistanceOpen. <i>Journal of Infectious Diseases</i> , 2016, 214, S393-S398.	4.0	28
158	Reconstruction of Zika Virus Introduction in Brazil. <i>Emerging Infectious Diseases</i> , 2017, 23, 91-94.	4.3	28
159	Data curation during a pandemic and lessons learned from COVID-19. <i>Nature Computational Science</i> , 2021, 1, 9-10.	8.0	28
160	Using Twitter to Examine Web-Based Patient Experience Sentiments in the United States: Longitudinal Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e10043.	4.3	28
161	Spatial and Temporal Clustering of Chikungunya Virus Transmission in Dominica. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003977.	3.0	27
162	Nosocomial amplification of MERS-coronavirus in South Korea, 2015. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2017, 111, 261-269.	1.8	27

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163	The effect of seasonal respiratory virus transmission on syndromic surveillance for COVID-19 in Ontario, Canada. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 593-594.	9.1	27
164	Socio-Economic Disparities in the Burden of Seasonal Influenza: The Effect of Social and Material Deprivation on Rates of Influenza Infection. <i>PLoS ONE</i> , 2011, 6, e17207.	2.5	27
165	Delayed medical care and underlying health in the United States during the COVID-19 pandemic: A cross-sectional study. <i>Preventive Medicine Reports</i> , 2022, 28, 101882.	1.8	27
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