

Using Internet Searches for Influenza Surveillance

Clinical Infectious Diseases

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Web data predict flu. <i>Nature</i> , 2008, 456, 287-288.	27.8	14
2	Early detection of disease outbreaks using the Internet. <i>Cmaj</i> , 2009, 180, 829-831.	2.0	193
3	Human-to-Dog Transmission of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Emerging Infectious Diseases</i> , 2009, 15, 1328-1330.	4.3	50
4	Early detection of influenza outbreaks using the DC Department of Health's syndromic surveillance system. <i>BMC Public Health</i> , 2009, 9, 483.	2.9	29
5	Detecting influenza epidemics using search engine query data. <i>Nature</i> , 2009, 457, 1012-1014.	27.8	3,531
6	A Computational Framework to Study Public Health Epidemiology. , 2009, , .		12
7	Internet-based monitoring of influenza-like illness in the general population: Experience of five influenza seasons in the Netherlands. <i>Vaccine</i> , 2009, 27, 6353-6357.	3.8	76
8	Digital Disease Detection â€” Harnessing the Web for Public Health Surveillance. <i>New England Journal of Medicine</i> , 2009, 360, 2153-2157.	27.0	680
10	Google Trends: A Webâ€”Based Tool for Realâ€”Time Surveillance of Disease Outbreaks. <i>Clinical Infectious Diseases</i> , 2009, 49, 1557-1564.	5.8	657
11	2008 Annual Report of the American Association of Poison Control Centersâ€™ National Poison Data System (NPDS): 26th Annual Report. <i>Clinical Toxicology</i> , 2009, 47, 911-1084.	1.9	327
12	The Next Public Health Revolution: Public Health Information Fusion and Social Networks. <i>American Journal of Public Health</i> , 2010, 100, 1237-1242.	2.7	53
13	Budgeted Maximum Coverage with Overlapping Costs: Monitoring the Emerging Infections Network. , 2010, , 112-123.		3
14	Notifiable infectious disease surveillance with data collected by search engine. <i>Journal of Zhejiang University: Science C</i> , 2010, 11, 241-248.	0.7	23
15	Measuring the impact of health policies using Internet search patterns: the case of abortion. <i>BMC Public Health</i> , 2010, 10, 514.	2.9	70
16	Internet-based surveillance of Influenza-like-illness in the UK during the 2009 H1N1 influenza pandemic. <i>BMC Public Health</i> , 2010, 10, 650.	2.9	69
17	Social Web mining and exploitation for serious applications: Technosocial Predictive Analytics and related technologies for public health, environmental and national security surveillance. <i>Computer Methods and Programs in Biomedicine</i> , 2010, 100, 16-23.	4.7	82
20	Do Seasons Have an Influence on the Incidence of Depression? The Use of an Internet Search Engine Query Data as a Proxy of Human Affect. <i>PLoS ONE</i> , 2010, 5, e13728.	2.5	116
21	Towards detecting influenza epidemics by analyzing Twitter messages. , 2010, , .		416

#	ARTICLE	IF	CITATIONS
22	Eye-Opening Approach to Norovirus Surveillance. <i>Emerging Infectious Diseases</i> , 2010, 16, 1319-1321.	4.3	17
23	The wisdom of social multimedia. , 2010, , .		91
24	Frequency and seasonal variation of ophthalmology-related internet searches. <i>Canadian Journal of Ophthalmology</i> , 2010, 45, 274-279.	0.7	30
25	Text and Structural Data Mining of Influenza Mentions in Web and Social Media. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 596-615.	2.6	190
26	Advances in Computational Biology. <i>Advances in Experimental Medicine and Biology</i> , 2010, , .	1.6	2
27	Predicting consumer behavior with Web search. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17486-17490.	7.1	473
28	Using multi-source web data for epidemic surveillance: A case study of the 2009 Influenza A (H1N1) pandemic in Beijing. , 2010, , .		10
29	Tracking the flu pandemic by monitoring the social web. , 2010, , .		201
30	StreamWeb: Real-Time Web Monitoring with Stream Computing. , 2011, , .		7
31	Tracking the Rise in Popularity of Electronic Nicotine Delivery Systems (Electronic Cigarettes) Using Search Query Surveillance. <i>American Journal of Preventive Medicine</i> , 2011, 40, 448-453.	3.0	266
32	International Society for Disease Surveillance Conference 2011: Building the Future of Public Health Surveillance. <i>Emerging Health Threats Journal</i> , 2011, 4, 11702.	3.0	1
33	“Google Flu Trends” and Emergency Department Triage Data Predicted the 2009 Pandemic H1N1 Waves in Manitoba. <i>Canadian Journal of Public Health</i> , 2011, 102, 294-297.	2.3	45
34	Reading Tea Leaves in the Tourism Industry: A Case Study in the Gulf Oil Spill. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
35	The Use of Twitter to Track Levels of Disease Activity and Public Concern in the U.S. during the Influenza A H1N1 Pandemic. <i>PLoS ONE</i> , 2011, 6, e19467.	2.5	1,019
36	Health recommendations for international travel. <i>Current Opinion in Infectious Diseases</i> , 2011, 24, 403-409.	3.1	11
37	Internet search behavior as an economic forecasting tool: The case of inflation expectations. <i>Journal of Economic and Social Measurement</i> , 2011, 36, 119-167.	0.7	103
38	Capturing Curiosity: Using Internet Search Trends to Measure Public Attentiveness. <i>Policy Studies Journal</i> , 2011, 39, 239-259.	5.1	180
39	Association of Internet search trends with suicide death in Taipei City, Taiwan, 2004–2009. <i>Journal of Affective Disorders</i> , 2011, 132, 179-184.	4.1	101

#	ARTICLE	IF	CITATIONS
40	GET WELL: an automated surveillance system for gaining new epidemiological knowledge. BMC Public Health, 2011, 11, 252.	2.9	27
41	Timely detection of localized excess influenza activity in Northern California across patient care, prescription, and laboratory data. Statistics in Medicine, 2011, 30, 549-559.	1.6	13
42	The Search Is On: Googling "Barack Obama" and "Hillary Clinton" in the 2008 Democratic Primary. Journal of Political Marketing, 2011, 10, 139-164.	2.0	5
43	Infectious Disease Surveillance in the United States and the United Kingdom: From Public Goods to the Challenges of New Technologies. Journal of Health Politics, Policy and Law, 2011, 36, 165-185.	1.9	6
44	Media coverage and public reaction to a celebrity cancer diagnosis. Journal of Public Health, 2011, 33, 80-85.	1.8	65
45	Dengue surveillance based on a computational model of spatio-temporal locality of Twitter. , 2011, , .		139
46	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
47	Using Search Query Surveillance to Monitor Tax Avoidance and Smoking Cessation following the United States' 2009 "SCHIP" Cigarette Tax Increase. PLoS ONE, 2011, 6, e16777.	2.5	51
48	Use of Internet Search Data to Monitor Impact of Rotavirus Vaccination in the United States. Clinical Infectious Diseases, 2012, 54, e115-e118.	5.8	24
49	Google Flu Trends: Correlation With Emergency Department Influenza Rates and Crowding Metrics. Clinical Infectious Diseases, 2012, 54, 463-469.	5.8	209
50	Nowcasting Events from the Social Web with Statistical Learning. ACM Transactions on Intelligent Systems and Technology, 2012, 3, 1-22.	4.5	120
51	Uncovering text mining: A survey of current work on web-based epidemic intelligence. Global Public Health, 2012, 7, 731-749.	2.0	51
52	Using Google Search Data for State Politics Research: An Empirical Validity Test Using Roll-Off Data. State Politics and Policy Quarterly, 2012, 12, 146-159.	0.8	60
53	Quantitative investigation of forest conflicts using different data collection methods. Scandinavian Journal of Forest Research, 2012, 27, 130-142.	1.4	2
54	Electronic Healthcare. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , .	0.3	2
55	A robust and scalable framework for detecting self-reported illness from twitter. , 2012, , .		6
56	Decline in Gastroenteritis-Related Triage Calls After Rotavirus Vaccine Licensure. Pediatrics, 2012, 130, e872-e878.	2.1	6
57	Extracting Emergent Semantics from Large-Scale User-Generated Content. Advances in Intelligent and Soft Computing, 2012, , 27-37.	0.2	0

#	ARTICLE	IF	CITATIONS
58	An Analysis of Twitter Messages in the 2011 Tohoku Earthquake. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 58-66.	0.3	68
59	Information Giving in a Health Emergency: An Analysis of Three H1N1 Web Pages. Procedia, Social and Behavioral Sciences, 2012, 66, 481-488.	0.5	0
60	Novel surveillance of psychological distress during the great recession. Journal of Affective Disorders, 2012, 142, 323-330.	4.1	53
61	Enhancing Twitter Data Analysis with Simple Semantic Filtering: Example in Tracking Influenza-Like Illnesses. , 2012, , .		31
62	Syndromic surveillance models using Web data: The case of scarlet fever in the UK. Informatics for Health and Social Care, 2012, 37, 106-124.	2.6	24
63	Predicting the Present with Google Trends. Economic Record, 2012, 88, 2-9.	0.4	1,491
64	Assessment of H1N1 questions and answers posted on the Web. American Journal of Infection Control, 2012, 40, 211-217.	2.3	25
65	A systematic review to identify areas of enhancements of pandemic simulation models for operational use at provincial and local levels. BMC Public Health, 2012, 12, 251.	2.9	37
66	Ten yearsâ€™ work on the World Organisation for Animal Health (OIE) Worldwide Animal Disease Notification System. Preventive Veterinary Medicine, 2012, 107, 149-159.	1.9	19
68	A novel business cycle surveillance system using the query logs of search engines. Knowledge-Based Systems, 2012, 30, 104-114.	7.1	3
69	Increased emergency department chief complaints of fever identified the influenza (H1N1) pandemic before outpatient symptom surveillance. Environmental Health and Preventive Medicine, 2012, 17, 69-72.	3.4	5
70	Harvesting ambient geospatial information from social media feeds. Geo Journal, 2013, 78, 319-338.	3.1	453
71	The power of prediction with social media. Internet Research, 2013, 23, 528-543.	4.9	164
72	#Earthquake: Twitter as a Distributed Sensor System. Transactions in GIS, 2013, 17, 124-147.	2.3	344
73	Web-scale pharmacovigilance: listening to signals from the crowd. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 404-408.	4.4	180
74	Chinese social media reaction to the MERS-CoV and avian influenza A(H7N9) outbreaks. Infectious Diseases of Poverty, 2013, 2, 31.	3.7	97
75	Using search queries for malaria surveillance, Thailand. Malaria Journal, 2013, 12, 390.	2.3	49
76	Monitoring Epidemic Alert Levels by Analyzing Internet Search Volume. IEEE Transactions on Biomedical Engineering, 2013, 60, 446-452.	4.2	23

#	ARTICLE	IF	CITATIONS
77	Gonorrhoea incidence forecasting research based on Baidu search data. , 2013, , .		14
78	A New Evaluation Model to Building Materials Science Domain-Specific Search Engine. , 2013, , .		0
79	Web-search trends shed light on the nature of lunacy: Relationship between moon phases and epilepsy information-seeking behavior. <i>Epilepsy and Behavior</i> , 2013, 29, 571-573.	1.7	7
80	Investor attention and abnormal performance of timberland investments in the United States. <i>Forest Policy and Economics</i> , 2013, 28, 60-65.	3.4	8
81	Exploring the relationship between macroeconomic conditions and problem drinking as captured by Google searches in the US. <i>Social Science and Medicine</i> , 2013, 84, 61-68.	3.8	35
83	Seasonality in Seeking Mental Health Information on Google. <i>American Journal of Preventive Medicine</i> , 2013, 44, 520-525.	3.0	170
84	Lightweight methods to estimate influenza rates and alcohol sales volume from Twitter messages. <i>Language Resources and Evaluation</i> , 2013, 47, 217-238.	2.7	77
85	Understanding the predictive power of social media. <i>Internet Research</i> , 2013, 23, 544-559.	4.9	142
86	Mining Social Media and Web Searches for Disease Detection. <i>Journal of Public Health Research</i> , 2013, 2, jphr.2013.e4.	1.2	35
87	Reassessing Google Flu Trends Data for Detection of Seasonal and Pandemic Influenza: A Comparative Epidemiological Study at Three Geographic Scales. <i>PLoS Computational Biology</i> , 2013, 9, e1003256.	3.2	273
88	Predicting Chronic Obstructive Pulmonary Disease Hospitalizations Based on Concurrent Influenza Activity. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013, 10, 573-580.	1.6	13
89	A prediction study on E-commerce orders based on site search data. , 2013, , .		3
90	Using Google Trends for Influenza Surveillance in South China. <i>PLoS ONE</i> , 2013, 8, e55205.	2.5	145
91	Where Am I? Location Archetype Keyword Extraction from Urban Mobility Patterns. <i>PLoS ONE</i> , 2013, 8, e63980.	2.5	8
92	Eight Years of the Great Influenza Survey to Monitor Influenza-Like Illness in Flanders. <i>PLoS ONE</i> , 2013, 8, e64156.	2.5	38
93	Assessing the Impact of the National Smoking Ban in Indoor Public Places in China: Evidence from Quit Smoking Related Online Searches. <i>PLoS ONE</i> , 2013, 8, e65577.	2.5	29
94	Public Health in the Twenty-First Century: The Role of Advanced Technologies. <i>Frontiers in Public Health</i> , 2014, 2, 224.	2.7	5
96	Global Disease Monitoring and Forecasting with Wikipedia. <i>PLoS Computational Biology</i> , 2014, 10, e1003892.	3.2	161

#	ARTICLE	IF	CITATIONS
97	Wikipedia Usage Estimates Prevalence of Influenza-Like Illness in the United States in Near Real-Time. <i>PLoS Computational Biology</i> , 2014, 10, e1003581.	3.2	174
98	Adaptive nowcasting of influenza outbreaks using Google searches. <i>Royal Society Open Science</i> , 2014, 1, 140095.	2.4	85
99	Towards tracking and analysing regional alcohol consumption patterns in the UK through the use of social media. , 2014, , .		18
100	What issue spread on the web. , 2014, , .		3
101	Demand-based web surveillance of sexually transmitted infections in Russia. <i>International Journal of Public Health</i> , 2014, 59, 841-849.	2.3	7
102	Association of hospitalizations for asthma with seasonal and pandemic influenza. <i>Respirology</i> , 2014, 19, 116-121.	2.3	25
103	Using Clinicians' Search Query Data to Monitor Influenza Epidemics. <i>Clinical Infectious Diseases</i> , 2014, 59, 1446-1450.	5.8	64
104	Does Saint Nicholas provoke seizures? Hints from Google Trends. <i>Epilepsy and Behavior</i> , 2014, 32, 132-134.	1.7	7
105	Internet-based surveillance systems for monitoring emerging infectious diseases. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 160-168.	9.1	235
106	Meta-Analysis and Other Approaches for Synthesizing Structured and Unstructured Data in Plant Pathology. <i>Annual Review of Phytopathology</i> , 2014, 52, 453-476.	7.8	38
107	Using Google Flu Trends data in forecasting influenza-like illness related ED visits in Omaha, Nebraska. <i>American Journal of Emergency Medicine</i> , 2014, 32, 1016-1023.	1.6	88
108	Web search query volume as a measure of pharmaceutical utilization and changes in prescribing patterns. <i>Research in Social and Administrative Pharmacy</i> , 2014, 10, 896-903.	3.0	24
109	Public health and pipe breaks in water distribution systems: Analysis with internet search volume as a proxy. <i>Water Research</i> , 2014, 53, 26-34.	11.3	33
110	Web-Based Surveillance Systems for Human, Animal, and Plant Diseases. <i>Microbiology Spectrum</i> , 2014, 2, OH-0015-2012.	3.0	13
112	Internet-based remote health self-checker symptom data as an adjuvant to a national syndromic surveillance system. <i>Epidemiology and Infection</i> , 2015, 143, 3416-3422.	2.1	18
113	The Public Sphere in Emerging Infectious Disease Communication: Recipient or Active and Vocal Partner?. <i>Disaster Medicine and Public Health Preparedness</i> , 2015, 9, 447-458.	1.3	19
114	Advances in nowcasting influenza-like illness rates using search query logs. <i>Scientific Reports</i> , 2015, 5, 12760.	3.3	112
115	Early detection of an epidemic erythromelalgia outbreak using Baidu search data. <i>Scientific Reports</i> , 2015, 5, 12649.	3.3	47

#	ARTICLE	IF	CITATIONS
116	Enhancing disease surveillance with novel data streams: challenges and opportunities. EPJ Data Science, 2015, 4, .	2.8	119
117	Ebola data from the Internet. , 2015, , .		12
119	Introduction to the workshop on computational health science. , 2015, , .		0
120	What Our Surfing Says. , 2015, , 65-88.		0
121	Big Data and Big Cities: The Promises and Limitations of Improved Measures of Urban Life. SSRN Electronic Journal, 2015, , .	0.4	0
123	Big Data and Big Cities: The Promises and Limitations of Improved Measures for Urban Life. SSRN Electronic Journal, 2015, , .	0.4	2
124	Use of Internet Search Queries to Enhance Surveillance of Foodborne Illness. Emerging Infectious Diseases, 2015, 21, 1906-1912.	4.3	13
125	Combining Search, Social Media, and Traditional Data Sources to Improve Influenza Surveillance. PLoS Computational Biology, 2015, 11, e1004513.	3.2	338
126	Mass Media and the Contagion of Fear: The Case of Ebola in America. PLoS ONE, 2015, 10, e0129179.	2.5	175
127	Time series analysis for psychological research: examining and forecasting change. Frontiers in Psychology, 2015, 6, 727.	2.1	151
128	In Search of Alpha - Trading on Limited Investor Attention. SSRN Electronic Journal, 0, , .	0.4	0
129	Forecasting Emergency Department Visits Using Internet Data. Annals of Emergency Medicine, 2015, 65, 436-442.e1.	0.6	57
130	A Method of Economic Indicator Nowcasting Using Baidu Searches. , 2015, , .		0
131	Incorporating Big Data and Social Sensors in a Novel Early Warning System of Dengue Outbreaks. , 2015, , .		3
132	Assessing the impact of a health intervention via user-generated Internet content. Data Mining and Knowledge Discovery, 2015, 29, 1434-1457.	3.7	24
133	A survey on retail sales forecasting and prediction in fashion markets. Systems Science and Control Engineering, 2015, 3, 154-161.	3.1	59
134	Explaining bank stock performance with crisis sentiment. Journal of Banking and Finance, 2015, 59, 311-329.	2.9	44
135	Learning About Health and Medicine from Internet Data. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
136	New technologies in predicting, preventing and controlling emerging infectious diseases. <i>Virulence</i> , 2015, 6, 558-565.	4.4	146
137	Power-law correlations in finance-related Google searches, and their cross-correlations with volatility and traded volume: Evidence from the Dow Jones Industrial components. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 428, 194-205.	2.6	38
138	Forecasting demand for health services: Development of a publicly available toolbox. <i>Operations Research for Health Care</i> , 2015, 5, 1-9.	1.2	25
139	Avoiding predators in a fluctuating environment: responses of the wood warbler to pulsed resources. <i>Behavioral Ecology</i> , 2015, 26, 601-608.	2.2	29
140	Web search activity data accurately predict population chronic disease risk in the USA. <i>Journal of Epidemiology and Community Health</i> , 2015, 69, 693-699.	3.7	16
141	A Multifaceted Approach to Social Multimedia-Based Prediction of Elections. <i>IEEE Transactions on Multimedia</i> , 2015, 17, 2271-2280.	7.2	32
142	Using prediction markets of market scoring rule to forecast infectious diseases: a case study in Taiwan. <i>BMC Public Health</i> , 2015, 15, 766.	2.9	11
143	Cloud service for assessment of news' Popularity in internet based on Google and Wikipedia indicators. , 2015, , .		1
144	Accurate estimation of influenza epidemics using Google search data via ARGO. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14473-14478.	7.1	286
145	A "big data" approach to HIV epidemiology and prevention. <i>Preventive Medicine</i> , 2015, 70, 17-18.	3.4	56
146	Can Google data improve the forecasting performance of tourist arrivals? Mixed-data sampling approach. <i>Tourism Management</i> , 2015, 46, 454-464.	9.8	250
147	Public Health and Epidemiology Informatics. <i>Yearbook of Medical Informatics</i> , 2016, 25, 240-246.	1.0	5
148	Results from the centers for disease control and prevention's predict the 2013-2014 Influenza Season Challenge. <i>BMC Infectious Diseases</i> , 2016, 16, 357.	2.9	144
149	Towards Identifying and Reducing the Bias of Disease Information Extracted from Search Engine Data. <i>PLoS Computational Biology</i> , 2016, 12, e1004876.	3.2	19
150	Avian Influenza Risk Surveillance in North America with Online Media. <i>PLoS ONE</i> , 2016, 11, e0165688.	2.5	17
151	Can Digital Tools Be Used for Improving Immunization Programs?. <i>Frontiers in Public Health</i> , 2016, 4, 36.	2.7	34
152	A novel trend surveillance system using the information from web search engines. <i>Decision Support Systems</i> , 2016, 88, 85-97.	5.9	11
153	Web-based infectious disease surveillance systems and public health perspectives: a systematic review. <i>BMC Public Health</i> , 2016, 16, 1238.	2.9	91

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154	Cloud-based Electronic Health Records for Real-time, Region-specific Influenza Surveillance. Scientific Reports, 2016, 6, 25732.	3.3	60
155	Seasons, Searches, and Intentions: What The Internet Can Tell Us About The Bed Bug (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	13
156	Analysis of public concerns about influenza vaccinations by mining a massive online question dataset in Japan. Vaccine, 2016, 34, 3207-3213.	3.8	17
157	The wisdom of crowds in action: Forecasting epidemic diseases with a web-based prediction market system. International Journal of Medical Informatics, 2016, 92, 35-43.	3.3	22
158	Using Transactional Big Data for Epidemiological Surveillance: Google Flu Trends and Ethical Implications of "Infodemiology". Law, Governance and Technology Series, 2016, , 41-72.	0.4	6
159	Exploring Limits to Prediction in Complex Social Systems. , 2016, , .		61
160	An Alarm System for Flu Outbreaks Using Google Flu Trend Data. ICSA Book Series in Statistics, 2016, , 293-304.	0.2	0
161	Estimating suicide occurrence statistics using Google Trends. EPJ Data Science, 2016, 5, 32.	2.8	44
163	Infectious Disease Surveillance in the Big Data Era: Towards Faster and Locally Relevant Systems. Journal of Infectious Diseases, 2016, 214, S380-S385.	4.0	109
164	Disease surveillance based on Internet-based linear models: an Australian case study of previously unmodeled infection diseases. Scientific Reports, 2016, 6, 38522.	3.3	19
166	Infections and Elections. Psychological Science, 2016, 27, 595-605.	3.3	77
167	Correlation Between UpToDate Searches and Reported Cases of Middle East Respiratory Syndrome During Outbreaks in Saudi Arabia. Open Forum Infectious Diseases, 2016, 3, ofw043.	0.9	4
168	Effectiveness of web-based social sensing in health information dissemination" A review. Telematics and Informatics, 2017, 34, 194-219.	5.8	27
169	Short-term forecasting of Japanese tourist inflow to South Korea using Google trends data. Journal of Travel and Tourism Marketing, 2017, 34, 357-368.	7.0	95
170	Human Sensors. Understanding Complex Systems, 2017, , 69-92.	0.6	5
171	Tracking and predicting hand, foot, and mouth disease (HFMD) epidemics in China by Baidu queries. Epidemiology and Infection, 2017, 145, 1699-1707.	2.1	12
172	Google dengue trends: An indicator of epidemic behavior. The Venezuelan Case. International Journal of Medical Informatics, 2017, 104, 26-30.	3.3	63
173	Inferring Individual Attributes from Search Engine Queries and Auxiliary Information. , 2017, , .		17

#	ARTICLE	IF	CITATIONS
174	An unsupervised machine learning model for discovering latent infectious diseases using social media data. <i>Journal of Biomedical Informatics</i> , 2017, 66, 82-94.	4.3	92
175	Global mapping of artificial intelligence in Google and Google Scholar. <i>Scientometrics</i> , 2017, 113, 1269-1305.	3.0	14
176	Forecasting Influenza Levels Using Real-Time Social Media Streams. , 2017, , .		26
177	Social Monitoring for Public Health. <i>Synthesis Lectures on Information Concepts, Retrieval, and Services</i> , 2017, 9, 1-183.	0.7	54
178	Measuring Global Disease with Wikipedia. , 2017, 2017, 1812-1834.		28
179	Geographic and demographic correlates of autism-related anti-vaccine beliefs on Twitter, 2009-15. <i>Social Science and Medicine</i> , 2017, 191, 168-175.	3.8	97
180	Modeling Influenza-Like Illness Activity in the United States. <i>North American Actuarial Journal</i> , 2017, 21, 323-342.	1.4	0
181	Evaluating the use of internet search volumes for time series modeling of sales in the video game industry. <i>Electronic Markets</i> , 2017, 27, 351-370.	8.1	9
182	Uncovering the relationships between military community health and affects expressed in social media. <i>EPJ Data Science</i> , 2017, 6, .	2.8	10
183	Using electronic health records and Internet search information for accurate influenza forecasting. <i>BMC Infectious Diseases</i> , 2017, 17, 332.	2.9	79
184	Evaluating Google Flu Trends in Latin America: Important Lessons for the Next Phase of Digital Disease Detection. <i>Clinical Infectious Diseases</i> , 2017, 64, 34-41.	5.8	88
185	Big Data and Survey Research: Supplement or Substitute?. <i>Springer Geography</i> , 2017, , 113-125.	0.4	13
186	Introduction to Time Series Analysis for Organizational Research. <i>Organizational Research Methods</i> , 2017, 20, 61-94.	9.1	45
187	Seeing Cities Through Big Data. <i>Springer Geography</i> , 2017, , .	0.4	40
189	Forecasting influenza in Hong Kong with Google search queries and statistical model fusion. <i>PLoS ONE</i> , 2017, 12, e0176690.	2.5	80
190	Low validity of Google Trends for behavioral forecasting of national suicide rates. <i>PLoS ONE</i> , 2017, 12, e0183149.	2.5	84
191	Using Participatory Web-based Surveillance Data to Improve Seasonal Influenza Forecasting in Italy. , 2017, , .		31
192	THE FORECASTING POWER OF INTERNET SEARCH QUERIES IN THE BRAZILIAN FINANCIAL MARKET. <i>Revista De Administracao Mackenzie</i> , 2017, 18, 184-210.	0.5	5

#	ARTICLE	IF	CITATIONS
193	Finding Healthcare Issues with Search Engine Queries and Social Network Data. International Journal on Semantic Web and Information Systems, 2017, 13, 48-62.	5.1	20
194	Enhancing Feature Selection Using Word Embeddings. , 2017, , .		37
195	Exploitation of microbial forensics and nanotechnology for the monitoring of emerging pathogens. Critical Reviews in Microbiology, 2018, 44, 504-521.	6.1	5
196	Using Search Engine Data as a Tool to Predict Syphilis. Epidemiology, 2018, 29, 574-578.	2.7	43
197	An infodemiology study on breast cancer in Iran. Electronic Library, 2018, 36, 258-269.	1.4	7
198	A Smartphone-Driven Thermometer Application for Real-time Population- and Individual-Level Influenza Surveillance. Clinical Infectious Diseases, 2018, 67, 388-397.	5.8	57
199	Modeling influenza-like illnesses through composite compartmental models. Physica A: Statistical Mechanics and Its Applications, 2018, 494, 288-293.	2.6	10
200	Prediction of influenza-like illness based on the improved artificial tree algorithm and artificial neural network. Scientific Reports, 2018, 8, 4895.	3.3	46
201	BIG DATA AND BIG CITIES: THE PROMISES AND LIMITATIONS OF IMPROVED MEASURES OF URBAN LIFE. Economic Inquiry, 2018, 56, 114-137.	1.8	158
202	A Spatial-Temporal Method to Detect Global Influenza Epidemics Using Heterogeneous Data Collected from the Internet. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 802-812.	3.0	8
203	Effective surveillance and predictive mapping of mosquito-borne diseases using social media. Journal of Computational Science, 2018, 25, 406-415.	2.9	39
204	Leveraging hospital big data to monitor flu epidemics. Computer Methods and Programs in Biomedicine, 2018, 154, 153-160.	4.7	19
205	Design Choices for Automated Disease Surveillance in the Social Web. Online Journal of Public Health Informatics, 2018, 10, e214.	0.7	3
207	Epidemiological Data Challenges: Planning for a More Robust Future Through Data Standards. Frontiers in Public Health, 2018, 6, 336.	2.7	33
208	A Deep Residual Network Integrating Spatial-temporal Properties to Predict Influenza Trends at an Intra-urban Scale. , 2018, , .		14
209	The Effect of Consumer Interest on Islamic Bank Deposits: An Analysis Using Google Trends. , 2018, , .		2
210	Global Research on Syndromic Surveillance from 1993 to 2017: Bibliometric Analysis and Visualization. Sustainability, 2018, 10, 3414.	3.2	10
211	Google Search Trends Predicting Disease Outbreaks: An Analysis from India. Healthcare Informatics Research, 2018, 24, 300.	1.9	73

#	ARTICLE	IF	CITATIONS
212	Nonmechanistic forecasts of seasonal influenza with iterative one-week-ahead distributions. PLoS Computational Biology, 2018, 14, e1006134.	3.2	55
213	Public reaction to Chikungunya outbreaks in Italy—Insights from an extensive novel data streams-based structural equation modeling analysis. PLoS ONE, 2018, 13, e0197337.	2.5	24
214	Forecasting influenza epidemics by integrating internet search queries and traditional surveillance data with the support vector machine regression model in Liaoning, from 2011 to 2015. PeerJ, 2018, 6, e5134.	2.0	28
215	The added value of online user-generated content in traditional methods for influenza surveillance. Scientific Reports, 2018, 8, 13963.	3.3	25
216	Using internet search data to predict new HIV diagnoses in China: a modelling study. BMJ Open, 2018, 8, e018335.	1.9	21
217	Ontology boosted deep learning for disease name extraction from Twitter messages. Journal of Big Data, 2018, 5, .	11.0	9
218	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. BMC Infectious Diseases, 2018, 18, 403.	2.9	36
219	The effect of interest in renewable energy on US household electricity consumption: An analysis using Google Trends data. Renewable Energy, 2018, 127, 1004-1010.	8.9	18
220	Using Google Trends and ambient temperature to predict seasonal influenza outbreaks. Environment International, 2018, 117, 284-291.	10.0	74
221	Multi-Task Learning Improves Disease Models from Web Search. , 2018, , .		29
222	Flu trend prediction based on massive data analysis. , 2018, , .		4
223	The Impact of Delay Announcements on Hospital Network Coordination and Waiting Times. Management Science, 0, , .	4.1	33
224	Tweet Classification Using Sentiment Analysis Features and TF-IDF Weighting for Improved Flu Trend Detection. Lecture Notes in Computer Science, 2018, , 174-186.	1.3	10
226	A review of influenza detection and prediction through social networking sites. Theoretical Biology and Medical Modelling, 2018, 15, 2.	2.1	95
227	Using search engine big data for predicting new HIV diagnoses. PLoS ONE, 2018, 13, e0199527.	2.5	44
228	Can Big Data Predict the Rise of Novel Drug Abuse?. Journal of Drug Issues, 2018, 48, 508-518.	1.2	30
229	Predicting Antimicrobial Drug Consumption using Web Search Data. , 2018, , .		2
230	Google searches and stock market activity: Evidence from Norway. Finance Research Letters, 2019, 28, 208-220.	6.7	103

#	ARTICLE	IF	CITATIONS
231	Reappraising the utility of Google Flu Trends. <i>PLoS Computational Biology</i> , 2019, 15, e1007258.	3.2	65
232	Seasonal-adjustment Based Feature Selection Method for Predicting Epidemic with Large-scale Search Engine Logs. , 2019, , .		11
233	Privacy-Preserving Crowd-Sourcing of Web Searches with Private Data Donor. , 2019, , .		5
234	Predicting Automotive Sales using Pre-Purchase Online Search Data. , 0, , .		7
235	Cardiovascular Incidence, Mortality and Web-Based Data in China. , 2019, , .		0
236	The Validity of Google Trends Search Volumes for Behavioral Forecasting of National Suicide Rates in Ireland. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3201.	2.6	51
237	Transfer Learning for Unsupervised Influenza-like Illness Models from Online Search Data. , 2019, , .		10
238	Changes in Internet Suicide Search Volumes Following Celebrity Suicides. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2019, 22, 373-380.	3.9	8
239	Distributed Tensor Decomposition for Large Scale Health Analytics. , 2019, 2019, 659-669.		15
240	Use of Twitter data to improve Zika virus surveillance in the United States during the 2016 epidemic. <i>BMC Public Health</i> , 2019, 19, 761.	2.9	66
241	Computational socioeconomics. <i>Physics Reports</i> , 2019, 817, 1-104.	25.6	87
242	Complementing the power of deep learning with statistical model fusion: Probabilistic forecasting of influenza in Dallas County, Texas, USA. <i>Epidemics</i> , 2019, 28, 100345.	3.0	19
243	Forecasting Zoonotic Infectious Disease Response to Climate Change: Mosquito Vectors and a Changing Environment. <i>Veterinary Sciences</i> , 2019, 6, 40.	1.7	85
244	Predicting the spread of influenza epidemics by analyzing twitter messages. <i>Health and Technology</i> , 2019, 9, 517-532.	3.6	7
245	Healthcare professionalsâ€™ queries on oseltamivir and influenza in Finland 2011â€“2016â€”Can we detect influenza epidemics with specific online searches?. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 364-371.	3.4	6
246	Accurate regional influenza epidemics tracking using Internet search data. <i>Scientific Reports</i> , 2019, 9, 5238.	3.3	21
247	Improving State-Level Influenza Surveillance by Incorporating Real-Time Smartphone-Connected Thermometer Readings Across Different Geographic Domains. <i>Open Forum Infectious Diseases</i> , 2019, , .	0.9	12
248	Forecasting Chinese Stock Market Prices using Baidu Search Index with a Learning-Based Data Collection Method. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 1605-1629.	3.9	10

#	ARTICLE	IF	CITATIONS
249	Internet search query data improve forecasts of daily emergency department volume. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1574-1583.	4.4	15
250	Association of sociodemographic factors and internet query data with pertussis infections in Shandong, China. <i>Epidemiology and Infection</i> , 2019, 147, e302.	2.1	1
251	Dynamic Bayesian Influenza Forecasting in the United States with Hierarchical Discrepancy (with) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.0	38
252	Demographic differences in search engine use with implications for cohort selection. <i>Information Retrieval</i> , 2019, 22, 570-580.	2.0	12
253	Framework for Infectious Disease Analysis: A comprehensive and integrative multi-modeling approach to disease prediction and management. <i>Health Informatics Journal</i> , 2019, 25, 1170-1187.	2.1	26
254	Syndromic surveillance using web data: a systematic review. , 2020, , 39-77.		19
255	Social Media“ and Internet-Based Disease Surveillance for Public Health. <i>Annual Review of Public Health</i> , 2020, 41, 101-118.	17.4	164
256	Global Trends in Phytohormone Research: Google Trends Analysis Revealed African Countries Have Higher Demand for Phytohormone Information. <i>Plants</i> , 2020, 9, 1248.	3.5	2
258	Exploring the Mechanisms of Influence on COVID-19 Preventive Behaviors in China“™s Social Media Users. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8766.	2.6	6
259	Health Information Sources and the Influenza Vaccination: The Mediating Roles of Perceived Vaccine Efficacy and Safety. <i>Journal of Health Communication</i> , 2020, 25, 727-735.	2.4	48
260	Can Users Search Trends Predict People Scares or Disease Breakout? An Examination of Infectious Skin Diseases in the United States. <i>Infectious Diseases: Research and Treatment</i> , 2020, 13, 117863372092835.	1.7	8
261	Digital Inclusion in Nothern England: Training Women from Underrepresented Communities in Tech: A Data Analytics Case Study. , 2020, , .		0
262	Digital Influenza Surveillance: The Prospects of Google Trends Data for South Africa. , 2020, , .		0
263	Creating a Metamodel Based on Machine Learning to Identify the Sentiment of Vaccine and Disease-Related Messages in Twitter: the MAVIS Study. , 2020, , .		2
264	Identifying Polarity in Tweets from an Imbalanced Dataset about Diseases and Vaccines Using a Meta-Model Based on Machine Learning Techniques. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9019.	2.5	8
265	Internet search data could Be used as novel indicator for assessing COVID-19 epidemic. <i>Infectious Disease Modelling</i> , 2020, 5, 848-854.	1.9	10
266	Emergency department syndromic surveillance systems: a systematic review. <i>BMC Public Health</i> , 2020, 20, 1891.	2.9	14
267	Demand Prediction in the Automobile Industry Independent of Big Data. <i>Annals of Data Science</i> , 2022, 9, 249-270.	3.2	1

#	ARTICLE	IF	CITATIONS
268	Computational Forecasting Methodology for Acute Respiratory Infectious Disease Dynamics. International Journal of Environmental Research and Public Health, 2020, 17, 4540.	2.6	3
269	Silver lining of COVID-19: Heightened global interest in pneumococcal and influenza vaccines, an infodemiology study. Vaccine, 2020, 38, 5430-5435.	3.8	56
270	Socioeconomic bias in influenza surveillance. PLoS Computational Biology, 2020, 16, e1007941.	3.2	18
271	Using Google Trends to assess the impact of global public health days on online health information seeking behaviour in Central and South America. Journal of Global Health, 2020, 10, 010403.	2.7	35
272	Google Health Trends performance reflecting dengue incidence for the Brazilian states. BMC Infectious Diseases, 2020, 20, 252.	2.9	11
273	Prediction of Number of Cases of 2019 Novel Coronavirus (COVID-19) Using Social Media Search Index. International Journal of Environmental Research and Public Health, 2020, 17, 2365.	2.6	151
274	Measuring objective and subjective well-being: dimensions and data sources. International Journal of Data Science and Analytics, 2021, 11, 279-309.	4.1	99
275	A Study On The Influencing Factors Of Tourism Demand From Mainland China To Hong Kong. Journal of Hospitality and Tourism Research, 2021, 45, 171-191.	2.9	16
276	Artificial intelligence“enabled public health surveillance“from local detection to global epidemic monitoring and control. , 2021, , 437-453.		42
277	Inequality in household adaptation to schooling shocks: Covid-induced online learning engagement in real time. Journal of Public Economics, 2021, 193, 104345.	4.3	156
278	Google search volumes for portfolio management: performances and asset concentration. Annals of Operations Research, 2021, 299, 163-175.	4.1	2
279	Social media effectiveness as a humanitarian response to mitigate influenza epidemic and COVID-19 pandemic. Annals of Operations Research, 2022, 319, 823-851.	4.1	30
280	Predicting the emergence of novel psychoactive substances with big data. , 2021, , 167-179.		0
281	The framework of public security spatial planning from the perspective of 'Human-Space-Time' interaction. Journal of Natural Resources, 2021, 36, 2248.	0.6	0
282	Design and Analysis of a Prediction System About Influenza-Like Illness From the Latent Temporal and Spatial Information. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 66-77.	9.3	3
283	Single Model for Influenza Forecasting of Multiple Countries by Multi-task Learning. Lecture Notes in Computer Science, 2021, , 335-350.	1.3	0
284	Forecasting Influenza Based on Autoregressive Moving Average and Holt-Winters Exponential Smoothing Models. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2021, 25, 138-144.	0.9	4
285	Technological innovations in the recreational fishing sector: implications for fisheries management and policy. Reviews in Fish Biology and Fisheries, 2021, 31, 253-288.	4.9	54

#	ARTICLE	IF	CITATIONS
286	Tracking COVID-19 using online search. <i>Npj Digital Medicine</i> , 2021, 4, 17.	10.9	92
287	Estimating the Incidence of Conjunctivitis by Comparing the Frequency of Google Search Terms With Clinical Data: Retrospective Study. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e22645.	2.6	4
288	An early warning approach to monitor COVID-19 activity with multiple digital traces in near real time. <i>Science Advances</i> , 2021, 7, .	10.3	114
290	Ocular-symptoms-related Google Search Trends during the COVID-19 Pandemic in Europe. <i>International Ophthalmology</i> , 2021, 41, 2213-2223.	1.4	6
291	Predicting regional influenza epidemics with uncertainty estimation using commuting data in Japan. <i>PLoS ONE</i> , 2021, 16, e0250417.	2.5	3
292	Visual network analysis of the Baidu-index data on greenhouse gas. <i>International Journal of Modern Physics B</i> , 0, , 2150115.	2.0	7
294	Can technological advancements help to alleviate COVID-19 pandemic? a review. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103787.	4.3	26
295	Predicting agricultural and livestock products purchases using the Internet search index and data mining techniques. <i>Data Technologies and Applications</i> , 2021, 55, 788-809.	1.4	1
296	O nascimento do saber infodemiológico: A ciência da gestão de infodemias. <i>Liinc Em Revista</i> , 2021, 17, e5711.	0.2	0
297	Toward the use of neural networks for influenza prediction at multiple spatial resolutions. <i>Science Advances</i> , 2021, 7, .	10.3	21
298	School-based surveillance of acute infectious disease in children: a systematic review. <i>BMC Infectious Diseases</i> , 2021, 21, 744.	2.9	12
299	Cell-phone traces reveal infection-associated behavioral change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
300	Outbreak Investigation. <i>Health Information Systems and the Advancement of Medical Practice in Developing Countries</i> , 2021, , 1-23.	0.1	0
301	Utilizing Google Search Data With Deep Learning, Machine Learning and Time Series Modeling to Forecast Influenza-Like Illnesses in South Africa. <i>IEEE Access</i> , 2021, 9, 126822-126836.	4.2	5
302	Using Web and Social Media for Influenza Surveillance. <i>Advances in Experimental Medicine and Biology</i> , 2010, 680, 559-564.	1.6	46
303	A Survey of Social Web Mining Applications for Disease Outbreak Detection. <i>Studies in Computational Intelligence</i> , 2015, , 345-356.	0.9	3
304	An Evolutionary Methodology for Handling Data Scarcity and Noise in Monitoring Real Events from Social Media Data. <i>Lecture Notes in Computer Science</i> , 2014, , 295-306.	1.3	6
305	Flu Detector - Tracking Epidemics on Twitter. <i>Lecture Notes in Computer Science</i> , 2010, , 599-602.	1.3	118

#	ARTICLE	IF	CITATIONS
306	New media methods for syndromic surveillance and disease modelling.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-13.	1.0	11
308	Ensemble Learned Vaccination Uptake Prediction using Web Search Queries. , 2016, , .		7
309	Sentinel Nodes Identification for Infectious Disease Surveillance on Temporal Social Networks. , 2019, , .		6
310	Screening for Cancer Using a Learning Internet Advertising System. ACM Transactions on Computing for Healthcare, 2020, 1, 1-13.	5.0	10
311	FluSense. , 2020, 4, 1-28.		59
312	The Need for Cognition on Earthquake Risk in China Based on Psychological Distance Theory. Complexity, 2020, 2020, 1-14.	1.6	52
313	Twitter Improves Influenza Forecasting. PLOS Currents, 2014, 6, .	1.4	191
314	A New Approach to Monitoring Dengue Activity. PLoS Neglected Tropical Diseases, 2011, 5, e1215.	3.0	28
315	Prediction of Dengue Incidence Using Search Query Surveillance. PLoS Neglected Tropical Diseases, 2011, 5, e1258.	3.0	206
316	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
317	Dengue Baidu Search Index data can improve the prediction of local dengue epidemic: A case study in Guangzhou, China. PLoS Neglected Tropical Diseases, 2017, 11, e0005354.	3.0	64
318	Internet-based biosurveillance methods for vector-borne diseases: Are they novel public health tools or just novelties?. PLoS Neglected Tropical Diseases, 2017, 11, e0005871.	3.0	27
319	Web Queries as a Source for Syndromic Surveillance. PLoS ONE, 2009, 4, e4378.	2.5	174
320	Effective Detection of the 2009 H1N1 Influenza Pandemic in U.S. Veterans Affairs Medical Centers Using a National Electronic Biosurveillance System. PLoS ONE, 2010, 5, e9533.	2.5	20
321	Correlation between National Influenza Surveillance Data and Google Trends in South Korea. PLoS ONE, 2013, 8, e81422.	2.5	106
322	A Multi-Level Geographical Study of Italian Political Elections from Twitter Data. PLoS ONE, 2014, 9, e95809.	2.5	59
323	Nowcasting Unemployment Rates with Google Searches: Evidence from the Visegrad Group Countries. PLoS ONE, 2015, 10, e0127084.	2.5	37
324	Age-Related Differences in the Accuracy of Web Query-Based Predictions of Influenza-Like Illness. PLoS ONE, 2015, 10, e0127754.	2.5	30

#	ARTICLE	IF	CITATIONS
325	Supplementing Public Health Inspection via Social Media. PLoS ONE, 2016, 11, e0152117.	2.5	29
326	Accurate spatiotemporal mapping of drug overdose deaths by machine learning of drug-related web-searches. PLoS ONE, 2020, 15, e0243622.	2.5	13
327	Early detection of disease outbreaks using the Internet. Cmaj, 2009, 180, 829-831.	2.0	124
328	Reforming Higher Education Finance in Turkey: The Alumni - Crowdfunded Student Debt Fund Model. Egitim Ve Bilim, 2016, 41, .	0.3	3
331	Electric Cars and Oil Prices. SSRN Electronic Journal, 0, , .	0.4	2
332	Does Online Search Predict Sales? Evidence from Big Data for Car Markets in Germany and the UK. SSRN Electronic Journal, 0, , .	0.4	4
333	How Search Engine Data Enhance the Understanding of Determinants of Suicide in India and Inform Prevention: Observational Study. Journal of Medical Internet Research, 2019, 21, e10179.	4.3	17
334	Association Between Cancer Incidence and Mortality in Web-Based Data in China: Infodemiology Study. Journal of Medical Internet Research, 2019, 21, e10677.	4.3	47
335	Flu Outbreak Prediction Using Twitter Posts Classification and Linear Regression With Historical Centers for Disease Control and Prevention Reports: Prediction Framework Study. JMIR Public Health and Surveillance, 2019, 5, e12383.	2.6	36
336	Tweet Classification Toward Twitter-Based Disease Surveillance: New Data, Methods, and Evaluations. Journal of Medical Internet Research, 2019, 21, e12783.	4.3	28
337	Google Trends Predicts Present and Future Plague Cases During the Plague Outbreak in Madagascar: Infodemiological Study. JMIR Public Health and Surveillance, 2019, 5, e13142.	2.6	25
338	The Application of Internet-Based Sources for Public Health Surveillance (Infoveillance): Systematic Review. Journal of Medical Internet Research, 2020, 22, e13680.	4.3	72
339	Surveilling Influenza Incidence With Centers for Disease Control and Prevention Web Traffic Data: Demonstration Using a Novel Dataset. Journal of Medical Internet Research, 2020, 22, e14337.	4.3	5
340	Online Information Exchange and Anxiety Spread in the Early Stage of the Novel Coronavirus (COVID-19) Outbreak in South Korea: Structural Topic Model and Network Analysis. Journal of Medical Internet Research, 2020, 22, e19455.	4.3	59
341	Online Public Attention During the Early Days of the COVID-19 Pandemic: Infoveillance Study Based on Baidu Index. JMIR Public Health and Surveillance, 2020, 6, e23098.	2.6	30
342	Infodemiology and Infoveillance: Framework for an Emerging Set of Public Health Informatics Methods to Analyze Search, Communication and Publication Behavior on the Internet. Journal of Medical Internet Research, 2009, 11, e11.	4.3	1,014
343	Searching for Truth: Internet Search Patterns as a Method of Investigating Online Responses to a Russian Illicit Drug Policy Debate. Journal of Medical Internet Research, 2012, 14, e165.	4.3	16
344	Tweaking and Tweeting: Exploring Twitter for Nonmedical Use of a Psychostimulant Drug (Adderall) Among College Students. Journal of Medical Internet Research, 2013, 15, e62.	4.3	162

#	ARTICLE	IF	CITATIONS
345	Scoping Review on Search Queries and Social Media for Disease Surveillance: A Chronology of Innovation. <i>Journal of Medical Internet Research</i> , 2013, 15, e147.	4.3	140
346	Internet Search Patterns of Human Immunodeficiency Virus and the Digital Divide in the Russian Federation: Infoveillance Study. <i>Journal of Medical Internet Research</i> , 2013, 15, e256.	4.3	29
347	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
348	Detecting Disease Outbreaks in Mass Gatherings Using Internet Data. <i>Journal of Medical Internet Research</i> , 2014, 16, e154.	4.3	59
349	Internet Search and Krokodil in the Russian Federation: An Infoveillance Study. <i>Journal of Medical Internet Research</i> , 2014, 16, e212.	4.3	69
350	Cumulative Query Method for Influenza Surveillance Using Search Engine Data. <i>Journal of Medical Internet Research</i> , 2014, 16, e289.	4.3	33
351	Automatic Identification of Web-Based Risk Markers for Health Events. <i>Journal of Medical Internet Research</i> , 2015, 17, e29.	4.3	24
352	Estimating Influenza Outbreaks Using Both Search Engine Query Data and Social Media Data in South Korea. <i>Journal of Medical Internet Research</i> , 2016, 18, e177.	4.3	67
353	Subregional Nowcasts of Seasonal Influenza Using Search Trends. <i>Journal of Medical Internet Research</i> , 2017, 19, e370.	4.3	36
354	Relationship Between State-Level Google Online Search Volume and Cancer Incidence in the United States: Retrospective Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e6.	4.3	71
355	Using Social Media to Perform Local Influenza Surveillance in an Inner-City Hospital: A Retrospective Observational Study. <i>JMIR Public Health and Surveillance</i> , 2015, 1, e5.	2.6	42
356	Using Web-Based Search Data to Study the Publicâ€™s Reactions to Societal Events: The Case of the Sandy Hook Shooting. <i>JMIR Public Health and Surveillance</i> , 2017, 3, e12.	2.6	4
357	Determinants of Participantsâ€™ 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
358	Combining Participatory Influenza Surveillance with Modeling and Forecasting: Three Alternative Approaches. <i>JMIR Public Health and Surveillance</i> , 2017, 3, e83.	2.6	42
359	Will Participatory Syndromic Surveillance Work in Latin America? Piloting a Mobile Approach to Crowdsourced Influenza-Like Illness Data in Guatemala. <i>JMIR Public Health and Surveillance</i> , 2017, 3, e87.	2.6	16
360	Disease Event Detection based on Deep Modality Analysis. , 2015, , .		5
361	Using Google Trends Data to Study Public Interest in Breast Cancer Screening in Malaysia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 1427-1432.	1.2	25
362	More Diseases Tracked by Using Google Trends. <i>Emerging Infectious Diseases</i> , 2009, 15, 1327-1328.	4.3	202

#	ARTICLE	IF	CITATIONS
363	Role of Online Data from Search Engine and Social Media in Healthcare Informatics. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2018, , 272-293.	0.4	7
364	Leveraging Cloud Computing to Address Public Health Disparities: An Analysis of the SPHPS. <i>Online Journal of Public Health Informatics</i> , 2012, 4, .	0.7	11
365	Nowcast of TV Market using Google Trend Data. <i>Journal of Electrical Engineering and Technology</i> , 2016, 11, 227-233.	2.0	8
366	A Study on the Relationship between Internet Search Trends and Company's Stock Price and Trading Volume. <i>Han-guk Jeonja Georae Hakoeji</i> , 2015, 20, 1-14.	0.1	1
367	Big Data in Academic Research: Challenges, Pitfalls, and Opportunities. <i>Policy Implications of Research in Education</i> , 2021, , 3-37.	0.2	1
368	Analyzing Levels of Concern About Joint Punishment for Dishonesty Using the Visibility Graph Network. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	0
369	The Demand for Information. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
370	Using Prediction Markets to Forecast Infectious Diseases. , 2010, , .		2
372	Detecting Social Signals of Flu Symptoms. , 2012, , .		2
373	Mining Web Data for Epidemiological Surveillance. <i>Lecture Notes in Computer Science</i> , 2013, , 11-21.	1.3	0
374	Assessing E-Government Success Strategies using Internet Search Data. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2013, , 289-307.	0.2	1
376	A Correlation Analysis between the Social Signals of Cold Symptoms Extracted from Twitter and the Influence Factors. <i>Journal of Korea Multimedia Society</i> , 2013, 16, 667-677.	0.2	2
377	Introduction to Public Health. , 2014, , 291-308.		1
378	Internet Search Volumes and Research on Crime and Punishment. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
379	Web-Based Surveillance Systems for Human, Animal, and Plant Diseases. , 0, , 213-225.		0
380	Assessing E-Government Success Strategies using Internet Search Data. , 2015, , 1151-1169.		1
381	Foodborne Disease Surveillance Systems: Early Warning Alert and Response Methods for Developing Countries. , 2016, , 7-18.		0
382	Global Disease Monitoring and Forecasting with Wikipedia. <i>Online Journal of Public Health Informatics</i> , 2016, 8, .	0.7	1

#	ARTICLE	IF	CITATIONS
383	Comparison study of SARIMA and ARGO models for in influenza epidemics prediction. Journal of the Korean Data and Information Science Society, 2016, 27, 1075-1081.	0.2	0
384	Prediction Market for Disease Surveillance: A Case Study of Influenza Activity. The Journal of Prediction Markets, 2016, 10, 68-82.	0.1	0
386	Fear on the networks: analyzing the 2014 Ebola outbreak. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2017, 41, 1-7.	1.1	9
387	Inferring Latent Constructs from Passive Datasets – Significance and Opportunities. SSRN Electronic Journal, 0, , .	0.4	1
388	The Study on China’s Flu Prediction Model Based on Web Search Data. Journal of Data Analysis and Information Processing, 2018, 06, 79-92.	1.1	1
389	Google Searches for Portfolio Management: A Risk and Return Analysis. , 2018, , 461-465.		0
395	Risk prediction and assessment of foodborne disease based on big data. , 2019, , .		0
398	ELEKTRONİK SÄ°GARA TERCÄ°HÄ°NE ETKÄ° EDEN FAKTÄ–RLERÄ°N POPÄœLERLÄ°K ANALÄ°ZÄ°. SÄ¼leyman Demirel Äœniversitesi Vizyoner Dergisi, 0, , 444-454.	0.6	1
401	Using Google Search Trends to Estimate Global Patterns in Learning. , 2020, , .		1
403	A Social Media Time-Series Data Analytics Approach for Digital Epidemiology. , 2020, , .		1
404	Understanding Health Communication Through Google Trends and News Coverage for COVID-19: Multinational Study in Eight Countries. JMIR Public Health and Surveillance, 2021, 7, e26644.	2.6	8
405	Lifestyle Disease Surveillance Using Population Search Behavior: Feasibility Study. Journal of Medical Internet Research, 2020, 22, e13347.	4.3	10
406	Multilingual Epidemiological Text Classification: A Comparative Study. , 2020, , .		10
407	Influenza Altmetric Attention Score and its association with the influenza season in USA. F1000Research, 2020, 9, 96.	1.6	0
409	Public Adults Information Seeking Behaviors During Early Weeks of COVID-19 Epidemic: Early Lessons for Improvement of Epidemic Communication. Shiraz E Medical Journal, 2020, 21, .	0.3	2
411	Information is in the eye of the beholder: Seeking information on the MMR vaccine through an Internet search engine. AMIA ... Annual Symposium proceedings, 2014, 2014, 1238-47.	0.2	6
412	Eliciting Disease Data from Wikipedia Articles. Proceedings of the International AAAI Conference on Weblogs and Social Media, 2015, 2015, 26-33.	1.5	5
413	Using internet search keyword data for predictability of precious metals prices: Evidence from non-parametric causality-in-quantiles approach. Resources Policy, 2022, 75, 102478.	9.6	9

#	ARTICLE	IF	CITATIONS
414	Nowcasting credit demand in Turkey with Google Trends Data. SSRN Electronic Journal, 0, , .	0.4	0
415	Social physics. Physics Reports, 2022, 948, 1-148.	25.6	231
416	Google, Public Health, and Alcohol and Drug Policy. , 2022, , 1-34.		0
417	Research on adaption to air pollution in Chinese cities: Evidence from social media-based health sensing. Environmental Research, 2022, 210, 112762.	7.5	22
418	Application of the Internet Platform in Monitoring Chinese Public Attention to the Outbreak of COVID-19. Frontiers in Public Health, 2021, 9, 755530.	2.7	4
419	Influenza Altmetric Attention Score and its association with the influenza season in the USA. F1000Research, 0, 9, 96.	1.6	0
420	Cannabis Stocks Returns: The Role of Liquidity and Investorsâ€™ Attention via Google Metrics. International Journal of Financial Studies, 2022, 10, 7.	2.3	4
421	The Proverbs of a Pandemic: The Early Months of the COVID-19 Pandemic Viewed through the Lens of Google Trends. Journal of American Folklore, 2022, 135, 26-48.	0.1	0
423	Influenza Altmetric Attention Score and its association with the influenza season in the USA. F1000Research, 0, 9, 96.	1.6	0
424	Inclusion of environmentally themed search terms improves Elastic net regression nowcasts of regional Lyme disease rates. PLoS ONE, 2022, 17, e0251165.	2.5	0
425	An intelligent early warning system of analyzing Twitter data using machine learning on COVID-19 surveillance in the US. Expert Systems With Applications, 2022, 198, 116882.	7.6	16
426	Real-Time Detection of Flu Season Onset: A Novel Approach to Flu Surveillance. International Journal of Environmental Research and Public Health, 2022, 19, 3681.	2.6	0
427	Nowcasting influenza-like illness (ILI) via a deep learning approach using google search data: An empirical study on Taiwan ILI. International Journal of Intelligent Systems, 2022, 37, 2648-2674.	5.7	1
429	Analysis on the Evolution of Online Public Opinion Popularity for Emergencies from Spatial-Temporal Perspective. Advances in Applied Mathematics, 2022, 11, 3009-3017.	0.1	0
430	Digital Marketing: A Unique Multidisciplinary Approach towards the Elimination of Viral Hepatitis. Pathogens, 2022, 11, 626.	2.8	9
431	A Novel Approach to Modeling and Forecasting Cancer Incidence and Mortality Rates through Web Queries and Automated Forecasting Algorithms: Evidence from Romania. Biology, 2022, 11, 857.	2.8	7
432	Infodemiological study on the impact of the COVID-19 pandemic on increased headache incidences at the world level. Scientific Reports, 2022, 12, .	3.3	6
433	Health Information and Social Inclusion of Women During COVID-19: Exploring Botswana Televisionâ€™s Functionalist Communication Strategy. Online Journal of Communication and Media Technologies, 2022, 12, e202219.	0.7	1

#	ARTICLE	IF	CITATIONS
434	COVID-19 hospitalizations forecasts using internet search data. Scientific Reports, 2022, 12, .	3.3	6
435	Effect of COVID-19 on Internet Usage of People with Disabilities: A Secondary Data Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 7813.	2.6	1
436	Online searches of childrenâ€™s oseltamivir in public primary and specialized care: Detecting influenza outbreaks in Finland using dedicated databases for health care professionals. PLoS ONE, 2022, 17, e0272040.	2.5	0
437	Digital Information Seeking and Sharing Behaviour During the COVID-19 Pandemic in Pakistan. Lecture Notes in Computer Science, 2022, , 44-62.	1.3	0
439	Using "Google trends" for dengue surveillance and epidemiological research. International Journal of Community Medicine and Public Health, 2022, 9, 3917.	0.1	0
440	The COVID-19 Pandemic Disrupted Both School Bullying and Cyberbullying. American Economic Review Insights, 2022, 4, 353-370.	3.2	14
441	Eliciting Disease Data from Wikipedia Articles. Proceedings of the International AAAI Conference on Weblogs and Social Media, 2015, 9, 26-33.	1.5	5
442	Google, Public Health, and Alcohol and Drug Policy. , 2022, , 1077-1109.		0
443	Digital Public Health Surveillance with Online Health Consultation Data: An Example of HIV Monitoring. , 2022, , .		0
444	"Is my internet down?". , 2022, , .		1
445	Social Monitoring for Public Health. Synthesis Lectures on Information Concepts, Retrieval, and Services, 2017, , .	0.7	16
446	State-Level COVID-19 Symptom Searches and Case Data: Quantitative Analysis of Political Affiliation as a Predictor for Lag Time Using Google Trends and Centers for Disease Control and Prevention Data. JMIR Formative Research, 2022, 6, e40825.	1.4	2
447	Big Data and Infectious Disease Epidemiology: Bibliometric Analysis and Research Agenda. Interactive Journal of Medical Research, 0, 12, e42292.	1.4	0
448	Predicting Smoking Prevalence in Japan Using Search Volumes in an Internet Search Engine: Infodemiology Study. Journal of Medical Internet Research, 2022, 24, e42619.	4.3	1
449	The Effect of Nonpharmaceutical Interventions Implemented in Response to the COVID-19 Pandemic on Seasonal Respiratory Syncytial Virus: Analysis of Google Trends Data. Journal of Medical Internet Research, 2022, 24, e42781.	4.3	2
450	CoviCare: Tracking Covid-19 using PowerBI. , 2022, , .		0
451	Real-Time Monitoring of Infectious Disease Outbreaks with a Combination of Google Trends Search Results and the Moving Epidemic Method: A Respiratory Syncytial Virus Case Study. Tropical Medicine and Infectious Disease, 2023, 8, 75.	2.3	2
454	Joint COVID-19 and influenza-like illness forecasts in the United States using internet search information. Communications Medicine, 2023, 3, .	4.2	3

#	ARTICLE	IF	CITATIONS
456	Crime, inequality and public health: a survey of emerging trends in urban data science. <i>Frontiers in Big Data</i> , 0, 6, .	2.9	1
457	Analysing and predicting a country's entrepreneurial activity using insights from entrepreneurs' digital footprint. <i>Journal of Entrepreneurship in Emerging Economies</i> , 2024, 16, 446-468.	2.4	0
458	Effects of the first wave of COVID-19 pandemic on implied stock market volatility: International evidence using a google trend measure. <i>Journal of Economic Asymmetries</i> , 2023, 28, e00317.	3.5	3
459	Early warning for emerging infectious disease outbreaks: Digital disease surveillance for public health preparedness and response. , 2023, , 309-320.		0
460	<i>#capuchinmonkeys</i> on Social Media: A Threat for Species Conservation. <i>Anthrozoos</i> , 2023, 36, 665-683.	1.4	0
461	Forecasting virus outbreaks with social media data via neural ordinary differential equations. <i>Scientific Reports</i> , 2023, 13, .	3.3	2
463	Web Mining. , 2023, , 447-467.		0
464	Navigating a rapidly changing information and communication landscape amidst "infodemics", 2024, , 375-392.		0
465	The Effect of Psychological Disease Portrayals in TV Series on Internet Searches: A Google Trends Based Analysis. <i>Å°letiÅ°im Kuram Ve AraÅ°tırma Dergisi</i> , 2023, , 36-55.	0.6	0
466	Mining Google Trends data for nowcasting and forecasting colorectal cancer (CRC) prevalence. <i>PeerJ Computer Science</i> , 0, 9, e1518.	4.5	3
467	Search-engine-based surveillance using artificial intelligence for early detection of coronavirus disease outbreak. <i>Journal of Big Data</i> , 2023, 10, .	11.0	0
468	Developing public health surveillance dashboards: a scoping review on the design principles. <i>BMC Public Health</i> , 2024, 24, .	2.9	0