Social Network Analysis of COVID-19 Sentiments: Appli

Journal of Medical Internet Research 22, e22590

DOI: 10.2196/22590

Citation Report

#	Article	IF	CITATIONS
1	Resuscitation after global brain ischemia-anoxia. Critical Care Medicine, 1978, 6, 215-227.	0.9	77
2	The role of artificial intelligence in tackling COVID-19. Future Virology, 2020, 15, 717-724.	1.8	66
3	Social Bots' Sentiment Engagement in Health Emergencies: A Topic-Based Analysis of the COVID-19 Pandemic Discussions on Twitter. International Journal of Environmental Research and Public Health, 2020, 17, 8701.	2.6	53
4	The impact of the COVID-19 pandemic on risk perceptions: differences between ethnic groups in Germany. European Societies, 2021, 23, S289-S306.	6.1	19
6	On the Application of Advanced Machine Learning Methods to Analyze Enhanced, Multimodal Data from Persons Infected with COVID-19. Computation, 2021, 9, 4.	2.0	10
7	Deep Learning Applications for COVID-19 Analysis: A State-of-the-Art Survey. CMES - Computer Modeling in Engineering and Sciences, 2021, 129, 65-98.	1.1	7
10	Machine Learning Approach for COVID-19 Detection on Twitter. Computers, Materials and Continua, 2021, 68, 2231-2247.	1.9	16
11	Collaboration Network and Trends of Global Coronavirus Disease Research: A Scientometric Analysis. IEEE Access, 2021, 9, 45001-45016.	4.2	14
12	An efficient sentiment analysis using topic model based optimized recurrent neural network. International Journal on Smart Sensing and Intelligent Systems, 0, 14, 1-12.	0.7	1
13	Problematic Use of Digital Technologies and Its Impact on Mental Health During COVID-19 Pandemic: Assessment Using Machine Learning. Studies in Systems, Decision and Control, 2021, , 197-221.	1.0	21
15	Engagement of Government Social Media on Facebook during the COVID-19 Pandemic in Macao. International Journal of Environmental Research and Public Health, 2021, 18, 3508.	2.6	35
16	Understanding Concerns, Sentiments, and Disparities Among Population Groups During the COVID-19 Pandemic Via Twitter Data Mining: Large-scale Cross-sectional Study. Journal of Medical Internet Research, 2021, 23, e26482.	4.3	21
17	Role of Participatory Health Informatics in Detecting and Managing Pandemics: Literature Review. Yearbook of Medical Informatics, 2021, 30, 200-209.	1.0	2
18	Detecting Topic and Sentiment Trends in Physician Rating Websites: Analysis of Online Reviews Using 3-Wave Datasets. International Journal of Environmental Research and Public Health, 2021, 18, 4743.	2.6	10
19	Sentimental Analysis of COVID-19 Tweets Using Deep Learning Models. Infectious Disease Reports, 2021, 13, 329-339.	3.1	108
20	A social network analysis of the spread of COVID-19 in South Korea and policy implications. Scientific Reports, 2021, 11, 8581.	3. 3	37
21	Emotions of COVID-19: Content Analysis of Self-Reported Information Using Artificial Intelligence. Journal of Medical Internet Research, 2021, 23, e27341.	4.3	30
22	Effects of the COVID-19 Pandemic on Classrooms: A Case Study on Foreigners in South Korea Using Applied Machine Learning. Sustainability, 2021, 13, 4986.	3.2	7

#	Article	IF	CITATIONS
23	A longitudinal and geospatial analysis of COVID-19 tweets during the early outbreak period in the United States. BMC Public Health, 2021, 21, 793.	2.9	12
24	Artificial Intelligence–Enabled Analysis of Public Attitudes on Facebook and Twitter Toward COVID-19 Vaccines in the United Kingdom and the United States: Observational Study. Journal of Medical Internet Research, 2021, 23, e26627.	4.3	186
25	Use of social media data for disease based social network analysis and network modeling: A Systematic Review. Informatics for Health and Social Care, 2021, 46, 443-454.	2.6	6
26	Debate on online social networks at the time of COVID-19: An Italian case study. Online Social Networks and Media, 2021, 23, 100136.	3.6	12
27	The Evolution of Rumors on a Closed Social Networking Platform During COVID-19: Algorithm Development and Content Study. JMIR Medical Informatics, 2021, 9, e30467.	2.6	1
28	Multi-Omics Approach in the Identification of Potential Therapeutic Biomolecule for COVID-19. Frontiers in Pharmacology, 2021, 12, 652335.	3.5	17
30	Social Media Use for Health Purposes: Systematic Review. Journal of Medical Internet Research, 2021, 23, e17917.	4.3	250
32	Negative sentiment towards COVID-19 vaccines: A comparative study of USA and UK social media posts before vaccination rollout. F1000Research, 0, 10, 472.	1.6	3
33	Quantifying Online News Media Coverage of the COVID-19 Pandemic: Text Mining Study and Resource. Journal of Medical Internet Research, 2021, 23, e28253.	4.3	60
35	Sentimental Analysis Applications and Approaches during COVID-19: A Survey. , 2021, , .		8
36	Analyzing Social Media to Explore the Attitudes and Behaviors Following the Announcement of Successful COVID-19 Vaccine Trials: Infodemiology Study. JMIR Infodemiology, 2021, 1, e28800.	2.4	35
38	TClustVID: A novel machine learning classification model to investigate topics and sentiment in COVID-19 tweets. Knowledge-Based Systems, 2021, 226, 107126.	7.1	60
39	Artificial Intelligence in Surveillance, Diagnosis, Drug Discovery and Vaccine Development against COVID-19. Pathogens, 2021, 10, 1048.	2.8	45
40	COVID-19 sentiment analysis via deep learning during the rise of novel cases. PLoS ONE, 2021, 16, e0255615.	2.5	74
41	Characterization of Vaccine Tweets During the Early Stage of the COVID-19 Outbreak in the United States: Topic Modeling Analysis. JMIR Infodemiology, 2021, 1, e25636.	2.4	13
42	Emotional Analysis of Twitter Posts During the First Phase of the COVID-19 Pandemic in Greece: Infoveillance Study. JMIR Formative Research, 2021, 5, e27741.	1.4	6
43	Covid-19 sentiments in smart cities: The role of technology anxiety before and during the pandemic. Computers in Human Behavior, 2022, 126, 106986.	8.5	62
44	Analyzing COVID-19 Vaccine Tweets for Tonal Shift. Communications in Computer and Information Science, 2021, , 615-623.	0.5	2

#	ARTICLE	IF	CITATIONS
45	Advances, challenges and opportunities of phylogenetic and social network analysis using COVID-19 data. Briefings in Bioinformatics, 2022, 23, .	6.5	2
47	The Hidden Pandemic of Family Violence During COVID-19: Unsupervised Learning of Tweets. Journal of Medical Internet Research, 2020, 22, e24361.	4.3	93
48	Subjective Well-Being of Chinese Sina Weibo Users in Residential Lockdown During the COVID-19 Pandemic: Machine Learning Analysis. Journal of Medical Internet Research, 2020, 22, e24775.	4.3	23
50	The Impact of the Online COVID-19 Infodemic on French Red Cross Actors' Field Engagement and Protective Behaviors: Mixed Methods Study. JMIR Infodemiology, 2021, 1, e27472.	2.4	4
51	Public perception of COVID-19 vaccines from the digital footprints left on Twitter: analyzing <i>positive</i> , <i>neutral</i> and <i>negative</i> sentiments of Twitterati. Library Hi Tech, 2022, 40, 340-356.	5.1	16
52	Understanding the emotional response to COVIDâ€19 information in news and social media: A mental health perspective. Human Behavior and Emerging Technologies, 2021, 3, 832-842.	4.4	27
54	Be Careful Who You Follow., 2021,,.		1
55	Temporal Variations and Spatial Disparities in Public Sentiment Toward COVID-19 and Preventive Practices in the United States: Infodemiology Study of Tweets. JMIR Infodemiology, 2021, 1, e31671.	2.4	0
56	Covid-19 Vaccine Tweets - Sentiment Analysis. , 2021, , .		1
57	Understanding COVID-19 Public Sentiment Towards Public Health Policies Using Social Media Data. , 2021, , .		3
58	Comparison of Media Sources for COVID-19 by Machine Learning Sentiment Analysis., 2021,,.		0
60	Ensemble learning based classifier to predict depression caused due to pandemic. Journal of Physics: Conference Series, 2021, 2089, 012026.	0.4	1
61	Sentimental Analysis of COVID-19 Related Messages in Social Networks by Involving an N-Gram Stacked Autoencoder Integrated in an Ensemble Learning Scheme. Sensors, 2021, 21, 7582.	3.8	15
62	Identification of cohesive subgroups in a university hall of residence during the COVID-19 pandemic using a social network analysis approach. Scientific Reports, 2021, 11, 22055.	3.3	4
64	A Survey of Hybrid Human-Artificial Intelligence for Social Computing. IEEE Transactions on Human-Machine Systems, 2022, 52, 468-480.	3.5	17
66	Using Natural Language Processing to Explore Mental Health Insights From UK Tweets During the COVID-19 Pandemic: Infodemiology Study. JMIR Infodemiology, 2022, 2, e32449.	2.4	11
67	Spatiotemporal sentiment variation analysis of geotagged COVID-19 tweets from India using a hybrid deep learning model. Scientific Reports, 2022, 12, 1849.	3.3	11
68	The Evolution of Public Sentiments During the COVID-19 Pandemic: Case Comparisons of India, Singapore, South Korea, the United Kingdom, and the United States. JMIR Infodemiology, 2022, 2, e31473.	2.4	8

#	Article	IF	CITATIONS
70	Different Characteristics of Social Networks for COVID-19 in Europe. European Review, 2022, 30, 749-772.	0.7	2
71	Methods and Applications of Social Media Monitoring of Mental Health During Disasters: Scoping Review. JMIR Mental Health, 2022, 9, e33058.	3.3	9
72	Personal health record system based on social network analysis. Multimedia Tools and Applications, 2022, 81, 27601-27628.	3.9	4
73	Study on the mechanism of public attention to a major event: The outbreak of COVID-19 in China. Sustainable Cities and Society, 2022, 81, 103811.	10.4	7
74	Hashtag Analysis of Indonesian COVID-19 Tweets Using Social Network Analysis. IJCCS (Indonesian) Tj ETQq0 0	0 rgBJ /Ον	verlock 10 Tf
76	Analyzing the Impact of COVID-19 on Economy from the Perspective of User's Reviews. , 2021, , .		2
77	Public Perceptions around mHealth Applications during COVID-19 Pandemic: A Network and Sentiment Analysis of Tweets in Saudi Arabia. International Journal of Environmental Research and Public Health, 2021, 18, 13388.	2.6	10
79	Sentimental and spatial analysis of COVID-19 vaccines tweets. Journal of Intelligent Information Systems, 2023, 60, 1-21.	3.9	11
80	Tracking discussions of complementary, alternative, and integrative medicine in the context of the COVID-19 pandemic: a month-by-month sentiment analysis of Twitter data. BMC Complementary Medicine and Therapies, 2022, 22, 105.	2.7	4
81	How Do People View COVID-19 Vaccines. Journal of Global Information Management, 2022, 30, 1-29.	2.8	2
84	Semantic Analysis and Topic Modelling of Web-Scrapped COVID-19 Tweet Corpora through Data Mining Methodologies. Healthcare (Switzerland), 2022, 10, 881.	2.0	8
85	Adverse Mentions, Negative Sentiment, and Emotions in COVID-19 Vaccine Tweets and Their Association with Vaccination Uptake: Global Comparison of 192 Countries. Vaccines, 2022, 10, 735.	4.4	8
86	Exploring Sentiment and Care Management of Hospitalized Patients During the First Wave of the COVID-19 Pandemic Using Electronic Nursing Health Records: Descriptive Study. JMIR Medical Informatics, 2022, 10, e38308.	2.6	6
87	Deep Neural Networks for Simultaneously Capturing Public Topics and Sentiments During a Pandemic: Application on a COVID-19 Tweet Data Set. JMIR Medical Informatics, 2022, 10, e34306.	2.6	7
88	Korea's Response to COVID-19 According to Set Time Frames, With a Focus on the Network Between the Government and Responding Agencies: Social Network Analysis. JMIR Public Health and Surveillance, 2022, 8, e35958.	2.6	1
91	Artificial Intelligence and Internet of Things (AI-IoT) Technologies in Response to COVID-19 Pandemic: A Systematic Review. IEEE Access, 2022, 10, 62613-62660.	4.2	14
92	Public Opinion Spread and Guidance Strategy under COVID-19: A SIS Model Analysis. Axioms, 2022, 11, 296.	1.9	22
94	Do Patients Tend to Find Positive or Negative Feedback on Social Networks? A Study of The Main Aspects of Modelling Patient Understanding Based on Emotional Variants. , 2022, , .		O

#	Article	IF	CITATIONS
95	Distance education and the social literacy of elementary school students during the Covid-19 pandemic. Heliyon, 2022, 8, e09811.	3.2	19
96	Faculty Members' Attitudes and Practices: How They Responded to Forced Adoption of Distance Education?. SAGE Open, 2022, 12, 215824402211081.	1.7	2
97	A large-scale analysis of COVID-19 tweets in the Arab region. Social Network Analysis and Mining, 2022, 12, .	2.8	3
98	A hybrid random forest deep learning classifier empowered edge cloud architecture for COVID-19 and pneumonia detection. Expert Systems With Applications, 2022, 210, 118227.	7.6	14
99	Multilayer hybrid ensemble machine learning model for analysis of Covid-19 vaccine sentiments. Journal of Intelligent and Fuzzy Systems, 2022, 43, 6307-6319.	1.4	3
100	Adapting recurrent neural networks for classifying public discourse on COVID-19 symptoms in Twitter content. Soft Computing, 2022, 26, 11077-11089.	3.6	4
101	Trends in artificial intelligence in nursing: Impacts on nursing management. Journal of Nursing Management, 2022, 30, 3644-3653.	3.4	11
102	Current Situation With Organ Donation and Transplantation in China: Application of Machine Learning. Transplantation Proceedings, 2022, 54, 1711-1723.	0.6	2
103	Social network analysis of tourism data: A case study of quarantine decisions in COVID-19 pandemic. International Journal of Information Management Data Insights, 2022, 2, 100108.	9.7	6
104	Role of Artificial Intelligence for Analysis of COVID-19 Vaccination-Related Tweets: Opportunities, Challenges, and Future Trends. Mathematics, 2022, 10, 3199.	2.2	9
105	Modeling and analyzing dynamic social networks for behavioral pattern discovery in collaborative design. Advanced Engineering Informatics, 2022, 54, 101758.	8.0	6
106	Investigating the COVID-19 vaccine discussions on Twitter through a multilayer network-based approach. Information Processing and Management, 2022, 59, 103095.	8.6	23
107	Catholic Impact Evolution Through Public Twitter Data During COVID-19. International Journal of Cloud Applications and Computing, 2022, 12, 1-17.	2.0	1
108	Infodemics during era of COVID-19 pandemic: A review of literature. Journal of Family Medicine and Primary Care, 2022, 11, 4236.	0.9	5
109	Sentiment Analysis on COVID-19 Vaccine Twitter Data using Neural Network Models., 2022,,.		0
110	Social Media Sentiment Analysis Related to COVID-19 Vaccinations. Intelligent Systems Reference Library, 2023, , 47-69.	1.2	2
111	Sentiment analysis of Indian Tweets about Covid-19 vaccines. Journal of Information Science, 0, , 016555152211180.	3.3	5
112	Emotions and Topics Expressed on Twitter During the COVID-19 Pandemic in the United Kingdom: Comparative Geolocation and Text Mining Analysis. Journal of Medical Internet Research, 2022, 24, e40323.	4.3	13

#	ARTICLE	IF	CITATIONS
113	ARTIFICIAL INTELLIGENCE TO DEAL WITH THE POST COVID-19 FRACTAL DYNAMICS LINKED WITH ECONOMY. Fractals, 2023, 31 , .	3.7	1
114	Research Advances on User Interactions in Social Media Using Data Science Approaches. Applied Sciences (Switzerland), 2022, 12, 10929.	2.5	0
115	Exploring Public Discussions Regarding COVID-19 Vaccinations on Microblogs in China: Findings from Machine Learning Algorithms. International Journal of Environmental Research and Public Health, 2022, 19, 13476.	2.6	3
116	Public Health Policy Monitoring through Public Perceptions: A Case of COVID-19 Tweet Analysis. Information (Switzerland), 2022, 13, 543.	2.9	4
117	Associations between social COVID-19 exposure and psychological functioning. Journal of Behavioral Medicine, 0, , .	2.1	3
118	Sentiment Analysis of Tweets During the COVID-19 Pandemic Using Multinomial Logistic Regression. International Journal of Software Innovation, 2022, 11, 1-16.	0.4	2
119	Analysis of Online Government Affairs Public Opinion Governance Capability. Service Science and Management, 2022, 11 , $237-245$.	0.1	0
120	Using geospatial social media data for infectious disease studies: a systematic review. International Journal of Digital Earth, 2023, 16, 130-157.	3.9	12
121	Sentiment analysis of COVID-19 tweets from selected hashtags in Nigeria using VADER and Text Blob analyser. Journal of Electrical Systems and Information Technology, 2023, 10, .	1.7	12
122	Employee Perception of Enforced Telework in the Context of the Covid-19 Pandemic., 2022,,.		1
123	Classification of Covid-19 Vaccines tweets using Na \tilde{A} -ve Bayes Classification. , 2022, , .		1
124	Mental toll on working women during the COVID-19 pandemic: An exploratory study using Reddit data. PLoS ONE, 2023, 18, e0280049.	2.5	2
125	Machine Learning in Dentistry: A Scoping Review. Journal of Clinical Medicine, 2023, 12, 937.	2.4	18
126	Improving Sentiment Prediction of Textual Tweets Using Feature Fusion and Deep Machine Ensemble Model. Electronics (Switzerland), 2023, 12, 1302.	3.1	4
127	Effectual Seed Pick Framework Focusing on Maximizing Influence in Social Networks. Wireless Communications and Mobile Computing, 2023, 2023, 1-19.	1.2	0
128	Examining COVID-19 Tweet Diffusion Using an Integrated Social Amplification of Risk and Issue-Attention Cycle Framework. Health Communication, 2024, 39, 493-506.	3.1	7
129	Artificial Intelligence and Sentiment Analysis: A Review in Competitive Research. Computers, 2023, 12, 37.	3.3	21
130	A new sentiment analysis method to detect and Analyse sentiments of Covid-19 moroccan tweets using a recommender approach. Multimedia Tools and Applications, 2023, 82, 27819-27838.	3.9	3

#	ARTICLE	IF	CITATIONS
131	Emotional Distress During COVID-19 by Mental Health Conditions and Economic Vulnerability: Retrospective Analysis of Survey-Linked Twitter Data With a Semisupervised Machine Learning Algorithm. Journal of Medical Internet Research, 0, 25, e44965.	4.3	3
132	The Emotional Impact of COVID-19 News Reporting: A Longitudinal Study Using Natural Language Processing. Human Behavior and Emerging Technologies, 2023, 2023, 1-16.	4.4	4
134	Topics, concerns, and feelings commented on Facebook after the first death by COVID-19 in Mozambique. Revista De Investigación E Innovación En Ciencias De La Salud, 2023, 5, press.	0.3	0
135	Gunning for change: A content analysis of tweets following three mass shootings in the United States. Atlantic Journal of Communication, 0, , 1-23.	1.0	0
137	Generalizability of Machine Learning to Categorize Various Mental Illness Using Social Media Activity Patterns. Societies, 2023, 13, 117.	1.5	0
138	Bibliometric analysis of the use of artificial intelligence in COVIDâ€19 based on scientific studies. Health Science Reports, 2023, 6, .	1.5	1
142	A Social Network Analysis Approach to Evaluate the Relationship Between the Mobility Network Metrics and the COVID-19 Outbreak. Health Services Insights, 2023, 16, 117863292311738.	1.3	0
143	Visualizing Change and Correlation of Topics With LDA and Agglomerative Clustering on COVID-19 Vaccine Tweets. IEEE Access, 2023, 11, 51647-51656.	4.2	2
144	Adolescent relational behaviour and the obesity pandemic: A descriptive study applying social network analysis and machine learning techniques. PLoS ONE, 2023, 18, e0289553.	2.5	2
145	Senizid in der Corona-Pandemie. , 2023, , 23-60.		1
146	Social media insights on public perception and sentiment during and after disasters: The European floods in 2021 as a case study. Transactions in GIS, 0, , .	2.3	1
147	Evaluation via simulation of statistical corrections for network nonindependence. Health Services and Outcomes Research Methodology, 0 , , .	1.8	1
148	Sentiment Analysis toward the COVID-19 Vaccine in the Main Latin American Media on Twitter: The Cases of Argentina, Chile, Colombia, Mexico, and Peru. Vaccines, 2023, 11, 1592.	4.4	0
149	Rise of social bots: The impact of social bots on public opinion dynamics in public health emergencies from an information ecology perspective. Telematics and Informatics, 2023, 85, 102051.	5.8	1
150	A Systematic View of Sentiment Analysis on Different Techniques, Challenges, and Future Directions in COVID-19. Advances in Computational Intelligence and Robotics Book Series, 2023, , 243-257.	0.4	0
151	Na \tilde{A}^- ve Bayes algorithm in Twitter sentiment analysis; public attitude towards Covid-19 vaccination. AIP Conference Proceedings, 2023, , .	0.4	0
152	Machine Learning-Guided Protein Engineering. ACS Catalysis, 2023, 13, 13863-13895.	11.2	12
153	Instagram Use and Equity in Public Health: A Study on Brazil and Portugal During the COVID-19 Pandemic. Canadian Journal of Communication, 2023, 48, 474-500.	0.2	0

#	Article	IF	CITATIONS
154	Public Opinion Mining Using Large Language Models on COVID-19 Related Tweets., 2023,,.		0
156	Convolutional neural network and ensemble machine learning model for optimizing performance of emotion recognition in wild. Multimedia Tools and Applications, 0, , .	3.9	0
157	An Efficient CSPK-FCM Explainable Artificial Intelligence Model on COVID-19 Data to Predict the Emotion Using Topic Modeling. Journal of Advances in Information Technology, 2023, 14, 1390-1402.	2.9	0
158	Exploring the Early Adoption of Open AI among Laypeople and Technical Professionals: An Analysis of Twitter Conversations on #ChatGPT and #GPT3. International Journal of Human-Computer Interaction, 0, , 1-12.	4.8	0
159	User satisfaction with Arabic COVID-19 apps: Sentiment analysis of users' reviews using machine learning techniques. Information Processing and Management, 2024, 61, 103644.	8.6	0
161	Keyword Pool Generation for Web Text Collecting: A Framework Integrating Sample and Semantic Information. Mathematics, 2024, 12, 405.	2.2	0
162	A New Sentiment Analysis Methodology forÂFootball Game Matches Utilizing Social Networks andÂArtificial Intelligence Techniques. Communications in Computer and Information Science, 2024, , 216-230.	0.5	0
163	Utility and Utilization of Patient-Reported Experience Measures for the Supplementary COVID-19 Protective Actions at the Ovidius Clinical Hospital in Romania. Healthcare (Switzerland), 2024, 12, 377.	2.0	0
164	Impact of the COVID-19 Pandemic on People Living With Rare Diseases and Their Families: Results of a National Survey. JMIR Public Health and Surveillance, 0, 10, e48430.	2.6	0
165	Understanding Emotional Disclosure via Diary-keeping in Quarantine on Social Media. , 2023, , .		0
166	Sensing the pulse of the pandemic: unveiling the geographical and demographic disparities of public sentiment toward COVID-19 through social media. Cartography and Geographic Information Science, 0, 1-19.	3.0	0