

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

COVID-19 Open Research Dataset

RRID:SCR_018336

Type: Tool

Proper Citation

COVID-19 Open Research Dataset (RRID:SCR_018336)

Resource Information

URL: <https://www.kaggle.com/allen-institute-for-ai/CORD-19-research-challenge>

Proper Citation: COVID-19 Open Research Dataset (RRID:SCR_018336)

Description: Collection of scholarly articles about COVID-19 and coronavirus family of viruses for use by global research community. Dataset is updated on weekly basis.

Abbreviations: CORD-19

Synonyms: COVID-19 Open Research Dataset Challenge (CORD-19), CORD-19, COVID-19 Open Research Dataset, COVID-19 Open Research Dataset Challenge

Resource Type: data or information resource, data set

Keywords: COVID-19, COVID-19 article, dataset, COVID-19 publication, data weekly update

Related Condition: COVID-19

Availability: Free, Freely available

Resource Name: COVID-19 Open Research Dataset

Resource ID: SCR_018336

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260912T200406+0000

Ratings and Alerts

No rating or validation information has been found for COVID-19 Open Research Dataset.

No alerts have been found for COVID-19 Open Research Dataset.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Lu G, et al. (2023) Agenda-Setting for COVID-19: A Study of Large-Scale Economic News Coverage Using Natural Language Processing. International journal of data science and analytics, 15(3), 291.

Mahajan HB, et al. (2023) Integration of Healthcare 4.0 and blockchain into secure cloud-based electronic health records systems. Applied nanoscience, 13(3), 2329.

Peng J, et al. (2022) Expediting knowledge acquisition by a web framework for Knowledge Graph Exploration and Visualization (KGEV): case studies on COVID-19 and Human Phenotype Ontology. BMC medical informatics and decision making, 22(Suppl 2), 147.

John CC, et al. (2022) A Survey on Mathematical, Machine Learning and Deep Learning Models for COVID-19 Transmission and Diagnosis. IEEE reviews in biomedical engineering, 15, 325.

Zhang Q, et al. (2022) Data science approaches to confronting the COVID-19 pandemic: a narrative review. Philosophical transactions. Series A, Mathematical, physical, and engineering sciences, 380(2214), 20210127.

Otegi A, et al. (2022) Information retrieval and question answering: A case study on COVID-19 scientific literature. Knowledge-based systems, 240, 108072.

Martin HJ, et al. (2022) Small Molecule Antiviral Compound Collection (SMACC): a database to support the discovery of broad-spectrum antiviral drug molecules. bioRxiv : the preprint server for biology.

Wang LL, et al. (2021) Text mining approaches for dealing with the rapidly expanding literature on COVID-19. Briefings in bioinformatics, 22(2), 781.

Korn D, et al. (2021) COVID-19 Knowledge Extractor (COKE): A Curated Repository of Drug-Target Associations Extracted from the COVID-19 Corpus of Scientific Publications on COVID-19. Journal of chemical information and modeling, 61(12), 5734.

Rivera-Zavala RM, et al. (2021) Analyzing transfer learning impact in biomedical cross-lingual named entity recognition and normalization. BMC bioinformatics, 22(Suppl 1), 601.

Smith M, et al. (2021) Identifying mortality factors from Machine Learning using Shapley values - a case of COVID19. Expert systems with applications, 176, 114832.

Logette E, et al. (2021) A Machine-Generated View of the Role of Blood Glucose Levels in the Severity of COVID-19. Frontiers in public health, 9, 695139.

Hartung T, et al. (2021) Evidence Integration in the Era of Information Flooding-The Advent of the Comprehensive Review. *Frontiers in public health*, 9, 763828.

Bikbov B, et al. (2021) Maximum incubation period for COVID-19 infection: Do we need to rethink the 14-day quarantine policy? *Travel medicine and infectious disease*, 40, 101976.

Usuzaki T, et al. (2021) A disparity in the number of studies related to COVID-19 and SARS-CoV-2 between low- and middle-income countries and high-income countries. *International health*, 13(4), 379.

Alzubi JA, et al. (2021) COBERT: COVID-19 Question Answering System Using BERT. *Arabian journal for science and engineering*, 1.

Levitt M, et al. (2020) Predicting the Trajectory of Any COVID19 Epidemic From the Best Straight Line. *medRxiv : the preprint server for health sciences*.

Callaghan S, et al. (2020) COVID-19 Is a Data Science Issue. *Patterns (New York, N.Y.)*, 1(2), 100022.

Porter AL, et al. (2020) Tracking and Mining the COVID-19 Research Literature. *Frontiers in research metrics and analytics*, 5, 594060.

Wang LL, et al. (2020) CORD-19: The COVID-19 Open Research Dataset. *ArXiv*.