



Alessia Bardi

ISTI-CNR / OpenAIRE

The OpenAIRE COVID - 19 Gateway

<https://covid-19.openaire.eu/>

OpenAIRE for COVID-19

Activities to help researchers combat the epidemic and understand its aftermath.

[FIND OUT MORE](#)

Our efforts

Open Science, as an underlying factor has been proved as the only and essential way forward to share immediately the results for all.

OpenAIRE, in collaboration with the EC, will provide services to help in the sharing, discovery, navigation and collaboration of the global research community.

Zenodo COVID-19 Community

Together with CERN we have created a specific Community to collect all research results that could be relevant for the scientific community worldwide working on the Coronavirus Disease (COVID-19) and SARS-CoV-2.

This community is currently curated by the OpenAIRE team.

[READ MORE →](#)

OpenAIRE COVID-19 Gateway

OpenAIRE currently develops a service to serve as a single point of entry for research results (publications-data-software) and other useful resources for the Coronavirus Disease (COVID-19) and SARS-CoV-2. It will be linked to Zenodo COVID-19 community as well as many other EU and global initiatives and will address different scientific domains.

The COVID-19 Gateway is now live

[READ MORE →](#)

RDA COVID-19 Fast track Working Group

This Working Group will define detailed guidelines on data sharing and re-use under the present COVID-19 circumstances to help researchers follow best practices to maximize the efficiency of their work. The guidelines will focus on the management of data originating from different data sources and the development of a system for data sharing in public health emergencies that supports scientific research.

OpenAIRE contributes by helping to deliver guidelines for data sharing

[READ MORE →](#)



Support fast publishing of **new** research (all types of research products: software, data, publications, etc)

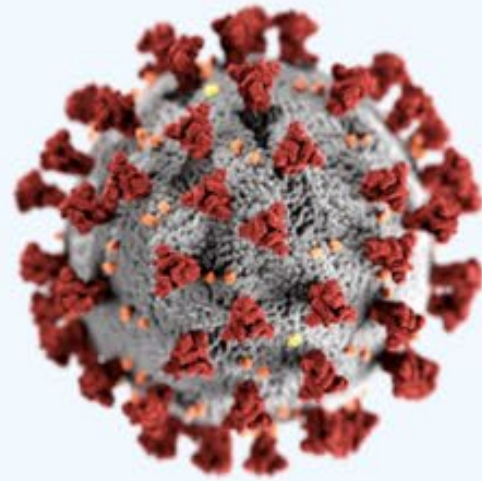


Support **discovery** of existing research (research products, activities, COVID-19 monitoring dashboards)



Support **data management** : fast should not mean bad!





Coronavirus Disease Research Community - COVID-19

Browse

New upload

This community collects research outputs that may be relevant to the Coronavirus Disease (COVID-19) or the SARS-CoV-2. Scientists are encouraged to upload their outcome in this collection to facilitate sharing and discovery of information. Although Open Access articles and datasets are...

Curated by: Covid19_Team_OpenAIRE

<https://zenodo.org/communities/covid-19>

Coronavirus Disease Research Community - COVID-19

Featured

This community collects research outputs that may be relevant to the Coronavirus Disease (COVID-19) or the SARS-CoV-2. Scientists are encouraged to upload their outcome in this collection to facilitate sharing and discovery of information. Although Open Access articles and datasets are recommended, also closed and restricted access material are accepted. All types of research outputs can be included in this Community (Publication, Poster, Presentation, Dataset, Image, Video/Audio, Software, Lesson, Other).

Coronavirus Disease Research Community - COVID-19

All versions

Found 984 results.

< 1 2 3 4 5 6 7 8 9 >

Sort by:

Most recent
asc.

Access Right

- Open (964)
- Restricted (11)
- Closed (9)

File Type

- Pdf (399)
- Zip (300)
- Xlsx (72)
- Csv (53)
- Gz (28)
- Docx (25)
- Png (25)
- Txt (24)
- (22)
- Tar (22)

October 15, 2020 (12-10-20) Software Open Access

roblanf/sarscov2phylo: 12-10-20

roblanf; Richard Mansfield;

Citation and reuse Please cite this release as: Lanfear, Rob (2020). A global phylogeny of SARS-CoV-2 sequences from GISAID. Zenodo DOI: 10.5281/zenodo.3958883 You can visit that DOI here: If you publish papers that use this tree you must still follow the GISAID data sharing and attribution rules

Uploaded on October 15, 2020

32 more version(s) exist for this record

September 29, 2020 (v1) Dataset Open Access

The scale and dynamics of COVID-19 epidemics across Europe

Dye, Christopher;

The number of COVID-19 deaths reported from European countries has varied more than 100-fold. In terms of coronavirus transmission, the relatively low death rates in some countries could be due to low intrinsic (e.g. low population density) or imposed contact rates (e.g. non-pharmaceutical intervent

Uploaded on October 14, 2020

September 30, 2020 (1) Journal article Open Access

Home Exercise-associated Accidents During COVID-19 Isolation. A Case Report

Building the gateway for discovery

All content

SEARCH

Advanced Search

How to find the coronavirus related research outcomes?

RESEARCH OUTCOMES (141,800,476)

PROJECTS (2,891,354)

CONTENT PROVIDERS (80,842)

ORGANIZATIONS (147,578)

Simple search?

Advanced search?

Which fields?

Which search terms?

Is a predefined query enough to identify everything?

How can we be aware of thematic sources to include?

Our approach

Involve domain experts

Set up of different processes to identify research outcomes

Single entry point

- Call for experts among researchers, librarians, research managers
- Creation of **public list of "data sources"**, updated thanks to **community suggestions via a dedicated form**

Source Name	Source Description	Source direct link
Dimensions COVID-19 publications, data sets, clinical trials - updated daily	A spreadsheet includes publications, data sets, clinical trials	https://www.google.com/spreadsheets/d/14T2Z1GAnDmWqGdGwZ0u32V018mWuJd9gJ-2034280256/edit#gid=191818455
SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) Sequence medRxiv and bioRxiv COVID-19 SARS-CoV-2 preprints	SARS-CoV-2 sequences currently available in GenBank and the Sequence Read Archive (SRA). List of COVID-19 SARS-CoV-2 preprints from medRxiv and bioRxiv.	https://www.ncbi.nlm.nih.gov/genbank/sarscov2/ https://www.ncbi.nlm.nih.gov/sra/
OpenVirus	Text and data mining of scholarly publications on virus outbreaks, especially that of COVID-19. Thomas Shafiq and Peter Murray-Rust started a project to use Wikipedia (and Wikidata), R, Java, text mining, with semantic tools to create a modern integrated response of all current published information on viruses and their epidemics.	https://github.com/bettermuse/OpenVirus
Protein Data Bank collections PDB-101	PDB data and related resources provide a starting point for structure-guided drug discovery and understanding of COVID-19.	https://beta101.ebi.ac.uk/beta101/
Science Open Collection on COVID-19	This ScienceOpen Collection is automatically updated with the newest research on the SARS-CoV-2 virus and all research on this	https://www.scienceopen.com/collection/COVID-19

OpenAIRE call for covid-19 resources

Help us populate the OpenAIRE COVID-19 Gateway, an OpenAIRE Research Community Dashboard.

We are compiling a masterlist of resources to be used as sources for the Gateway and we need your help.

We already have a growing collection (accessible here bit.ly/OpenAIRE_COVID19GatewayResources) but no doubt we are missing crucial sources of information!

If you have a suggestion, please let us know by filling in the form below.

* Required

- Extensive set of keywords (free text and from subject classification schemes)
- Full-text mining
- Analysis of the OpenAIRE Research Graph and exploiting the links between publications, datasets, and funding projects
- Manual addition of research outcomes (with a DOI)

<https://covid-19.openaire.eu/>

Corona Virus Disease
COVID-19

Research outcomes Search by title, author, abstract, DOI, orcid... SEARCH
Advanced Search

SUMMARY	PUBLICATIONS	RESEARCH DATA	SOFTWARE	OTHER RESEARCH
	106,100	5,827	493	7,344

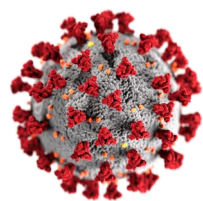
This portal provides access to publications, research data, projects and software that may be relevant to the Corona Virus Disease (COVID-19). The OpenAIRE COVID-19 Gateway aggregates COVID-19 related records, links them and provides a single access point for discovery and navigation. We tag content from the OpenAIRE Research Graph (10,000+ data sources) and additional sources. All COVID-19 related research results are linked to people, organizations and projects, providing a contextualized navigation.

Curated by: Alessia Bardi, Iryna Kuchma, Evgeny Bobrov, Ivana Truccolo, Elizabete Monteiro ...
View all 8 curators

Created: 16-Mar-2020 Members: 37

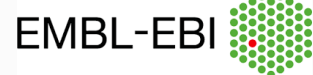
Subjects
COVID19, SARS-CoV, HCoV-19, mesh:C000657245, MERS-CoV, Síndrome Respiratorio Agudo Severo, mesh:COVID-19, COVID2019, COVID-19, SARS-CoV-2, 2019 novel coronavirus 2, Orthocoronavirinae, Coronaviridae, mesh:D045169, coronavirus, SARS, coronaviruses, coronavirus disease-19, sars cov 2





1

10,000 OpenAIRE validated sources

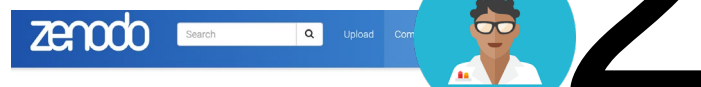
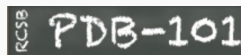
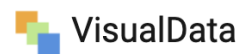


Mining for COVID - 19

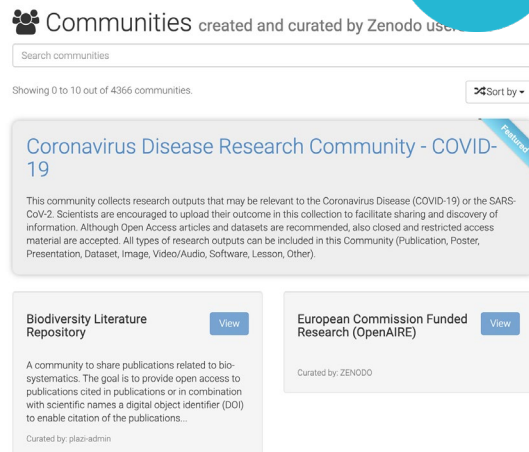


3

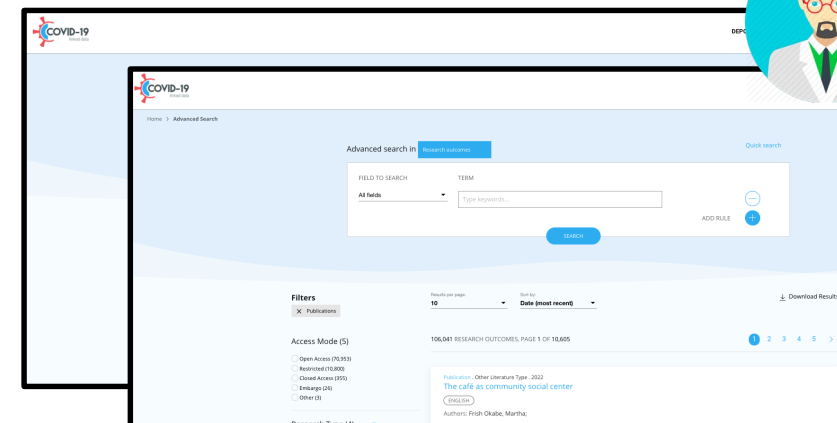
Additional global COVID -19 sources



2



Zenodo COVID -19 community
Deposit COVID-19 datasets, publications
Multidisciplinary



4

OpenAIRE COVID-19 Gateway
Discover, navigate, link



5



APIs
REST, Zenodo dump, CSV downloads

OpenAIRE

Corona Virus Disease

COVID-19

Research outcomes ▼

Search by title, author, abstract, DOI, orcid...

SEARCH

[Advanced Search](#)

[SUMMARY](#)

[PUBLICATIONS](#)

[RESEARCH DATA](#)

[SOFTWARE](#)

[OTHER RESEARCH](#)

[DEPOSIT](#)

[LINK](#)

[SEARCH](#)

[ABOUT](#)

[S](#)

Sources and methodology

The COVID-19 Open Research Gateway is an entry point to scientific products (publications-data-software-protocols-etc.) related to the epidemic (disease, virus) and all future research around it (e.g., social). It aggregates bibliographic data for research data and publications coming from relevant and authoritative sources worldwide, research products related to COVID-19 and [uploaded to Zenodo](#) with suitable licenses, and research outputs available in the [OpenAIRE Research Graph](#).

[Supporting organizations](#)

[Curators](#)

[Sources and methodology](#)

[Subjects](#)

[Projects and funding Opportunities](#)



Corona Virus Disease

COVID-19

Access Mode (5)

- Open Access (71,014)
- Restricted (10,800)
- Closed Access (355)
- Embargo (26)
- Other (3)

Research Type (4)

Clear

- Publications
- Research data
- Software
- Other research products

Year range

-

[THIS YEAR](#) | [LAST 5 YEARS](#) | [LAST 10 YEARS](#)

(ENGLISH)

Authors: Frish Okabe, Martha;



Community (17)

- COVID-19 (106,100)
- Digital Humanities and Cu... (819)
- Agricultural and Food Sci... (320)
- Rural Digital Europe (312)
- Science and Innovation Po... (249)
- Transport Research (138)

[+ View all](#)

Content Provider (100)

- Europe PubMed Central (59,540)
- WHO Global literature on... (5,185)
- ResearchGate (3,665)
- medRxiv (3,114)
- arXiv.org e-Print Archive (2,187)
- Journal of Virology (1,997)

[+ View all](#)

Country (100)

- US (13,607)
- CN (5,486)
- GB (4,474)
- FR (2,128)
- DE (1,886)
- NL (1,656)

[+ View all](#)

Funder (26)

Report

- National Institutes of H... (2,771)
- European Commission (966)
- Wellcome Trust (734)
- Research Council UK (350)
- National Science Foundation (313)
- Canadian Institutes of He... (287)

[+ View all](#)

Type (25)

- Article (87,213)
- Other literature type (28,558)
- Preprint (11,054)
- Part of book or chapter ... (1,456)
- Report (1,151)
- Research (570)

[+ View all](#)

Language (56)

- English (53,820)
- Spanish (942)
- Portuguese (869)
- French (808)
- Spanish; Castilian (790)
- German (535)

[+ View all](#)

Searching for publications

SEARCH

Advanced Search

[VIEW ALL →](#)

But also research data, software, and anything else

SUMMARY	PUBLICATIONS 106,041	RESEARCH DATA 5,778	SOFTWARE 484	OTHER RESEARCH 7,334
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Recent Research Data

[VIEW ALL →](#)

Research Data . 2021 . Embargo End Date: 05 Jun 2021
Scientific data of the principal factors determining the diffusion of COVID-19 in Italy
EMBARGO
Authors: Coccia, Mario;
DOI: 10.17632/bbnyhp6gfh ↗, 10.17632/bbnyhp6gfh.1 ↗
Publisher: Mendeley

Research Data . 2021 . Embargo End Date: 27 Mar 2021
Data for: 3562504 Understanding the Nature of Variations in Structural Sequences of Nucleocapsid (N) Proteins of SARS-CoV-2
EMBARGO
Authors: Chatterjee, Sidharta;
DOI: 10.17632/WC7GT3j38X.1 ↗, 10.17632/wc7gt3j38x ↗
Publisher: Mendeley

Research Data . 2021 . Embargo End Date: 31 Jul 2020
Data for understanding trust in varied information sources, use of news media in Pakistan
OPEN ACCESS
Authors: Ittefaq, Muhammad;
DOI: 10.17632/6p4v8nssm2.4 ↗, 10.17632/6p4v8nssm2.3 ↗, 10.17632/6P4V8NSSM2 ↗
Publisher: Data Archiving and Networked Services (DANS)
The current data from 537 Pakistanis tells us about their trust in different information sources, use of news media in Pakistan. The dataset includes variables such as age, marital status, gender, social class, reside...

Corona Virus Disease

COVID-19

Research outcomes ▾ Search by title, author, abstract, DOI, orcid... **SEARCH**
[Advanced Search](#)

SUMMARY	PUBLICATIONS 106,100	RESEARCH DATA 5,827	SOFTWARE 493	OTHER RESEARCH 7,344
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Recent Software

Software . 2020
ENNLIFE SARS-CoV-2 Antigen Test Kit Protocol
OPEN ACCESS
Authors: Tsai, Hsiao-Chung;

SUMMARY	PUBLICATIONS 106,100	RESEARCH DATA 5,827	SOFTWARE 493	OTHER RESEARCH 7,344
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Recent Other Research Products

[VIEW ALL →](#)

Other Research Product . Other ORP Type . 2022
Derecho y COVID-19. Lidia Lasagna
OPEN ACCESS SPANISH; CASTILIAN
Authors: Universidad Católica de Córdoba;
En el ciclo Derecho y COVID-19. 15 minutos y una pregunta, Lidia Lasagna responde: ¿La función certificante del escribano puede ser reemplazada por la firma digital?

Other Research Product . Other ORP Type . 2020
Lipoprotein(a) and Its Potential Association with Thrombosis and Inflammation in COVID-19: a Testable Hypothesis
OPEN ACCESS ENGLISH
Authors: Moriarty, Patrick M.; Gorby, Lauryn K.; Stroes, Erik S.; Kastelein, John P.; Davidson, Michael; Tsimikas, Sotirios;
Purpose of Review: The COVID-19 pandemic has infected over > 11 million as of today people worldwide and is associated with significant cardiovascular manifestations, particularly in subjects with preexisting comorbidities and cardiovascular risk factors. Recently, a pr...



Get the metadata

Json dumps on Zenodo

August 12, 2020

Dataset Open Access

OpenAIRE Covid-19 publications, datasets, software and projects metadata.

De Bonis, Michele; Dimitropoulos, Harry; Fofoulas, Ioannis; Horst, Marek; Iatropoulou, Katerina; Jacewicz, Przemyslaw; Kokogiannaki, Argiro; La Bruzzo, Sandro; Lazzeri, Emma; Löhden, Aenne; Manghi, Paolo; Mannocci, Andrea; Manola, Natalia; Ottonello, Enrico; Schirrwagen, Jochen

Data curator(s)

Bobrov, Evgeny; Truccolo, Ivana; Monteiro, Elizabete; Casalegno, Carlotta; Clary, Erin; Romanowski, Andrew

4,664

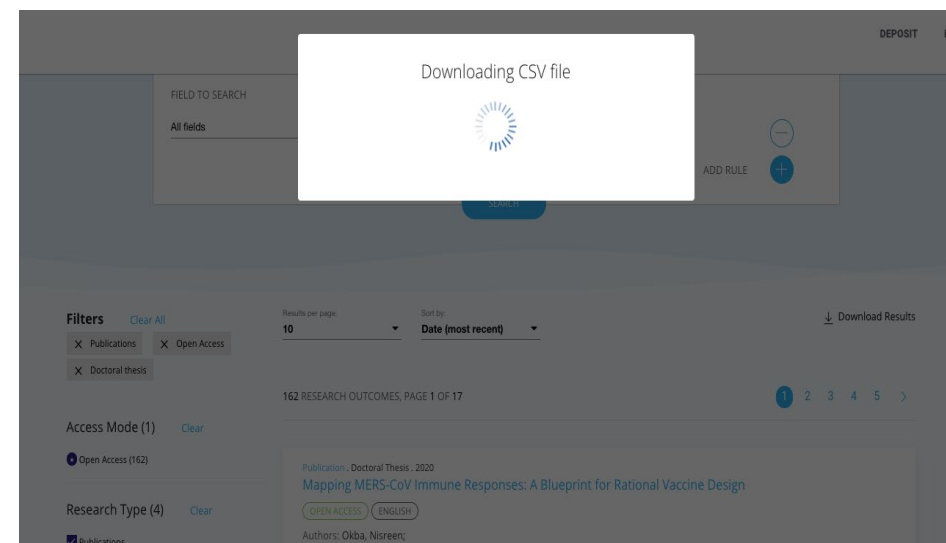
views

439

downloads

<https://doi.org/10.5281/zenodo.3980490>

CSV downloads



CSV file with:

Type, Specific type, Title, Authors, Publication Year, DOI, Download from, Access Rights, Funder | Project Name (GA Number), Journal

HTTP API



<http://api.openaire.eu/search/publications?community=covid-19>

XML or json format



Useful links

- Everything about OpenAIRE for COVID-19: <https://www.openaire.eu/openaire-activities-for-covid-19>
- The OpenAIRE COVID19 Gateway: <https://covid-19.openaire.eu>
- The COVID-19 Zenodo community: <https://zenodo.org/communities/covid-19>
- Everything about the OpenAIRE Research Graph <https://graph.openaire.eu>

Questions?

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