

Instructions to Access to the WHO COVID-19 Scholarly Articles Database

Step 1: Visit the following link: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/global-research-on-novel-coronavirus-2019-ncov>



Step 2: Scroll down and hit on the “Search COVID-19 Database” button to enter the database:

WHO COVID-19
Solidarity
Therapeutics
Trial

“Solidarity II”
global serologic
study for COVID-
19

Accelerating a
safe and effective
COVID-19
vaccine

Global research database

WHO is gathering the latest international multilingual scientific findings and knowledge on COVID-19. The global literature cited in the WHO COVID-19 database is updated daily (Monday through Friday) from searches of bibliographic databases, hand searching, and the addition of other expert-referred scientific articles. This database represents a comprehensive multilingual source of current literature on the topic. While it may not be exhaustive, new research is added regularly.

Search COVID-19 Database

News/Updates/Help

The WHO evidence retrieval sub-group has begun collaboration with key partners to enrich the citations and build a more comprehensive database with inclusion of other content. The database is built by BIREME, the Specialized Center of PAHO/AMRO and part of the Regional Office's Department of Evidence and Intelligence for Action in Health.

COVID-19
Emergency
Use Listing
Procedure
(EUL)

Regulatory
update on
COVID-19

Unity
Studies:
Early
Investigation
Protocols

Step 3: On the database screen, you have the option to select the language such as English, Chinese, French, Spanish, Russian, Portuguese, etc. It's worth noting that the language selection is just applied to the interface of the database, and it does not mean the searched articles are in such language.

The screenshot shows the WHO COVID-19 Global literature database search results page. The search term is 'ai covid' and the results are sorted by 'Title, abstract, subject'. The first result is '2D Similarity Map of Multiple Coronavirus Gene Sequences' by Zheng, Huaxian, Zheng, Jeffrey. The second result is '3D Visualizations of Multiple Coronaviruses on Whole Genomes'.

Search results:

1. [2D Similarity Map of Multiple Coronavirus Gene Sequences](#)
Zheng, Huaxian, Zheng, Jeffrey.
Preprint | EuropePMC | ID: ppcovidwho-291209
2. [3D Visualizations of Multiple Coronaviruses on Whole Genomes](#)

Step 4: You will also have the option to search articles based on “Title, abstract, subject”, or just based on “Title”, or “Author”, or “Abstract” by selecting the Combo Box:

The screenshot shows the WHO COVID-19 Global literature database search results page. The search term is 'ai covid' and the results are sorted by 'Title, abstract, subject'. The dropdown menu is open, showing options: 'Title, abstract, subject', 'Title', 'Author', and 'Abstract'. The first result is 'How AI has Proved to be a Game-Changer for Organizations to Conquer Covid-19' by Pandey, A.; Kumar, A.; Mangla, P.; Jain, C.

Search results:

1. [How AI has Proved to be a Game-Changer for Organizations to Conquer Covid-19](#)
Pandey, A.; Kumar, A.; Mangla, P.; Jain, C.
Pacific Business Review International ; 13(12):57-68, 2021.
Article in English | Web of Science | ID: covidwho-1464457
2. [Event-Driven Deep Learning for Edge Intelligence](#)

Step 5: For example, I search articles based on the “Title” only, and I am searching for articles relevant to “AI covid-19”, and the results are below. There are 247 articles relevant to the used keywords.

The screenshot shows a search results page for the query "AI covid-19". The search bar at the top indicates the search was performed on the "Title" field. The results are displayed in a list format, showing the first three items. On the left side, there is a sidebar with filters and a database selection menu. The database menu shows various sources like MEDLINE, Scopus, medRxiv, etc. The results list includes titles, authors, and publication details for each article.

Search results (1 - 20 de 286):

- Novel AI to avert the mental health crisis in COVID-19: Novel application of GPT2 in Cognitive Behaviour Therapy**
Rajagopal, A.; Nirmala, V.; Andrew, J.; Arun, M.
Preprint in English | EuropePMC | ID: ppcovidwho-291188
- Lessons learned in transitioning to AI in the medical imaging of COVID-19**
El Naga, J.; Li, H.; Fuhrman, J.; Hu, Q.; Gorre, N.; Chen, W.; Giger, M. L.
Journal of Medical Imaging ; 8(Suppl 1):010902-10902, 2021.
Article in English | MEDLINE | ID: covidwho-1467649
- How AI has Proved to be a Game-Changer for Organizations to Conquer Covid-19**
Pandey, A.; Kumar, A.; Mangla, P.; Jain, C.
Pacific Business Review International ; 13(12):57-68, 2021.

Step 6: If you scroll down, on the left-hand panel, you have the option to filter the articles based on Database (e.g., MEDLINE, Scopus, medRxiv, etc.), or based on Document Type (e.g., Article, Preprint, etc.), or based on Main subject (e.g., COVID-19, Artificial Intelligence, Betacoronavirus, etc.), or based on Type of study (e.g., Prognostic study, Diagnostic study, Risk factors, etc.), and so on. For example, I filter the articles based on the “Type of study” and choose “Diagnostic study”, and hit the “Filter” button. The results are below:

The screenshot shows the same search results page, but now filtered by the "Type of study" filter, specifically "Diagnostic study". The results list now shows only four articles. The left sidebar shows the "Filters applied" section with "Type of study" and "Diagnostic study" selected. The database and main subject filters are also visible.

Search results (1 - 15 de 15):

- AI-based diagnosis of COVID-19 patients using X-ray scans with stochastic ensemble of CNNs.**
Arora, Ridhi; Bansal, Vipul; Buckchash, Himanshu; Kumar, Rahul; Sahayashela, Vinodh J.; Narayanan, Narayanan; Pandian, Ganesh N; Raman, Balasubramanian.
Phys Eng Sci Med ; 2021 Oct 05.
Article in English | MEDLINE | ID: mdl-34609703
- AI-powered cloud for COVID-19 and other infectious disease diagnosis.**
Al-Turjman, Fadi.
Pers Ubiquitous Comput ; 1-4, 2021 Aug 14.
Article in English | MEDLINE | ID: mdl-34413717
- [Application of AI Technology in Diagnosis and Treatment of COVID-19].**
Zhang, Chenguang.
Zhongguo Yi Liao Qi Xie Za Zhi ; 45(4): 372-375, 2021 Jul 30.
Article in Chinese | MEDLINE | ID: mdl-34363359
- AI for COVID-19 Detection from Radiographs: Incisive**

Filters applied:

- Type of study
 - Diagnostic study (remover)

Database:

- MEDLINE (15)

Main subject:

- COVID-19 (6)
- Artificial Intelligence (3)
- Pneumonia, Viral (2)
- Tomography, X-Ray Computed (2)

SEND TO:

- Email
- Export
- Print
- RSS
- XML

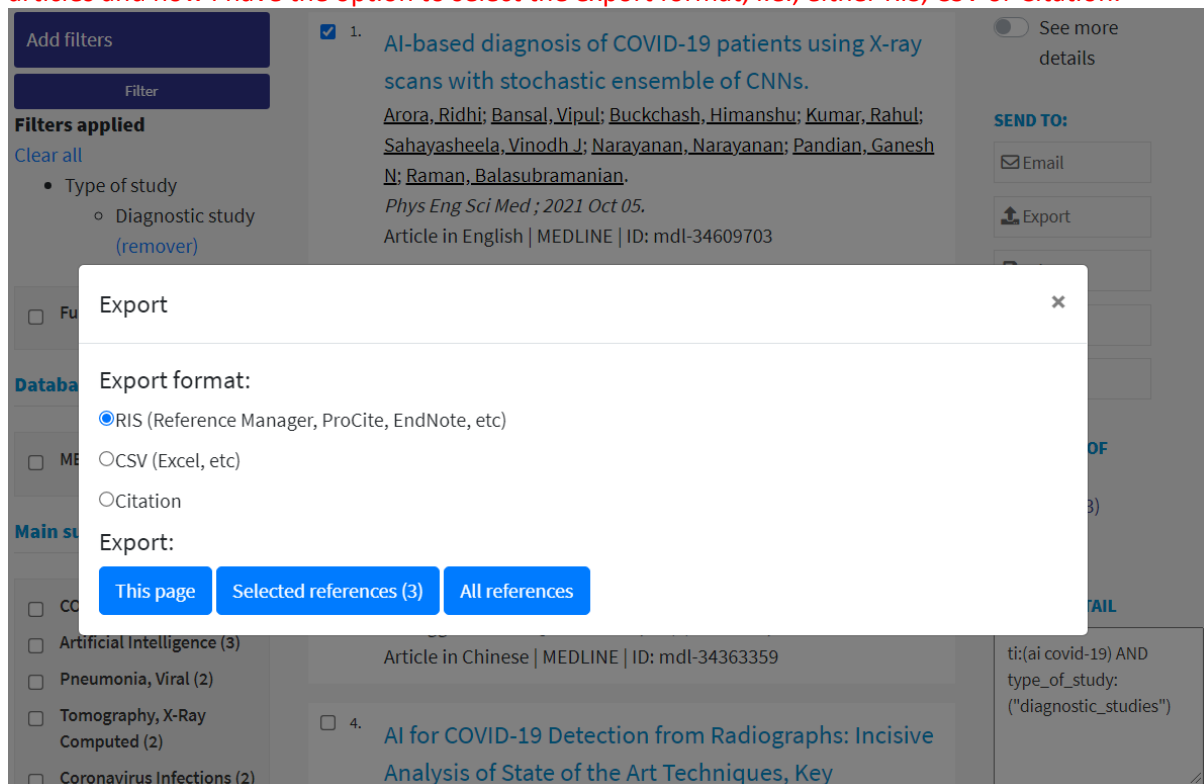
SELECTION OF CITATIONS

- List items (0)
- Clear list

SEARCH DETAIL

ti:(ai covid-19) AND type_of_study: ("diagnostic_studies")

Step 7: You can now select multiple articles you want to investigate by selecting the checkboxes corresponding to them, and then hit the “Export” button on the right panel. For example, I selected 3 articles and now I have the option to select the export format, i.e., either RIS, CSV or Citation:



Step 8: I select the CSV option and hit the “Selected references (3)” button to download the information of the 3 selected articles in a CSV file. Open the CSV file, you can see all the metadata of the articles such as Title, Authors, Source, Publication year, Fulltext URL (i.e., DOI link), Abstract, etc.

ID	Title	Authors	Source	Journal	Database	Type	Language	Publication	Descriptor	Publication	Fulltext URL	Abstract	Entry Date
1	H-Watch: Polonelli, IEEE Int	Polonelli, IEEE Int	IEEE Int	Web of Sci	Web of Sci	article	en	2021	The novel	20211014	https://doi.org/10.11	The novel	20211014
3	AI-based d Arora, Ridh	Arora, Ridh	Phys Eng Sci Med;202		MEDLINE	article	en	2021	According	20211008	https://dx.doi.org/10	According	20211008
4	Edge AI for Rincon, J.	Rincon, J.	16th Intern	16th Intern	Scopus	article	en	2021	The emerg	20211006	https://doi.org/10.10	The emerg	20211006

Please note that this database does not enable you to download the fulltext of the articles directly, you can only download their metadata and fulltext URL links (i.e., the DOI links), which will allow you to download fulltext pdf files manually.

This database is very much similar to the Google Scholar database, but its advantages are that this database contains only articles related to the COVID-19 pandemic, so the search space will be smaller and thus the search is much more efficient. More significantly, it also allows you to filter the articles based on many specific COVID-19 criteria such as “Main subject” (e.g., Pharmacology, Diagnostic Imaging, Quarantine, etc.), or “Type of study” (e.g., Prognostic study, Diagnostic study, Risk factors, etc.), or “Clinical aspect” (e.g., Prognosis, Diagnosis, Etiology, Prediction, Therapy), and so on.