



# LEARNING RESOURCE CENTER (LRC)

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## Getting Started with Your Search

- **Start your search here:** simply type any keywords/phrases in search box.
- Suppose you are searching articles on covid...just type the keyword and hit enter.

The screenshot shows the IEEE Xplore search page with the following elements and annotations:

- Header:** "Advancing Technology for Humanity" and "SEARCH 5,447,002 ITEMS".
- Search Bar:** Contains the text "covid". A red arrow points to it from the text "Start your search here".
- Basic Search:** An orange oval labeled "Basic Search" points to the search bar.
- Advanced Search:** A red arrow points to the "ADVANCED SEARCH" button, which is labeled "Advanced Search" in an orange oval.
- Publication Type Filter:** A dropdown menu is open, showing options: All, Books, Conferences, Courses, Journals & Magazines, Standards, Authors, and Citations. A red arrow points to "Journals & Magazines" from the text "The Basic search allows you to search your term within following publication types such as, All, Books, Conferences, and Journals & Magazines etc. If you select Journals & Magazines & Magazines option then you will found all the articles published in journals & magazines related to the term 'covid'".
- Top Searches:** A button labeled "TOP SEARCHES +".
- Footer:** A banner for "Free to Access Now: COVID-19 Related Research in IEEE Xplore.®" with a "SEE ARTICLES >" button. Below it, a filter for "Journals & Magazines" with a dropdown arrow and the text "covid".

- The Basic search allows you to search your term within following publication types such as, All, Books, Conferences, and Journals & Magazines etc. If you select Journals & Magazines & Magazines option then you will found all the articles published in journals & magazines related to the term "covid"

**Search Result:** Search result showing you 1,237 articles for term "covid" if you want to have this only in journal publications just put check mark in journal box.

Showing 1-25 of 1,237 for covid\*

☐ Journals (784) ☐ Magazines (453)

Publications You May Be Interested In: (Beta) [Hide Related Publications](#)

Use of AI, Robotics, and Modern Tools to Fight Covid-19

Book

Adoption of Robots for Disasters: Lessons from the Response to COVID-19

Book

[View More Journals and Conferences](#)

**Show**

☒ All Results

☐ Subscribed Content ?

☐ Open Access Only

- Display all subscribed, open access & un-subscribed contents.
- Display subscribed contents only
- Display subscribed as well as freely accessible contents

You can also apply FACETS such as Year, Author, and Publication to narrow down your results.

Green open lock on the right of an article denotes, subscribed or open access article. You can download or read such articles.

**Year**

Single Year **Range**

2020 2021

From To

2020 2021

**Author**

**Affiliation**

**Publication Title**

**Publisher**

**Supplemental Items**

**Conference Location**

**Publication Topics**

☐ Select All on Page

Sort By: **Relevance**



☐ COVIDGR Dataset and COVID-SDNet Methodology for Predicting COVID-19 Based on Chest X-Ray Images

S. Tabik; A. Gómez-Ríos; J. L. Martín Rodríguez; I. Sevillano-García; M. Rey-Area; D. Charte; E. Guirado; J. L. Suárez; J. Luengo; M. A. Valero-González; P. García-Villanova; E. Olmedo-Sánchez; F. Herrera

IEEE Journal of Biomedical and Health Informatics

Year: 2020 | Volume: 24, Issue: 12 | Journal Article | Publisher: IEEE

Cited by: Papers (10)

[Abstract](#) [HTML](#)  

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☐ Risk Score Based on Critical Factors Associated with COVID-19

Rafael Martinez Pelaez; Josué Roberto Bermeo Escalona; José Luis Ayala Herrera; Solange Ivette Rivera Manrique; Abraham Sánchez Ruiz; Liliana Carolina Córdova Albores; Vicente García Jiménez

IEEE Latin America Transactions

Year: 2021 | Volume: 19, Issue: 6 | Journal Article | Publisher: IEEE

[Abstract](#)  

# More Search Tips:

## Start your search here

- » IEEE *Xplore* searches for all terms in the metadata and ranks results by relevance.
  - » Boolean operators and field commands are supported in [BASIC SEARCH](#). Operators (AND, OR, NOT, NEAR, ONEAR) must be in ALL CAPS.
  - » Use quotes (" ") for an exact phrase.
  - » IEEE *Xplore* supports a multi-character wildcard (\*) and a single-character wildcard (?). Example: secur\* retrieves secures, security, securing, etc. Wildcards can also be used within exact phrases.
- 

## How to refine results

- » On the search results page, use [SEARCH WITHIN RESULTS](#) to enter additional search terms.
- » You can also refine by [FACETS](#) such as Year, Author, or Affiliation. For example, to limit your search to one or a few authors, select the author(s) then click [APPLY REFINEMENTS](#) to view refined search results.
- » To remove search terms or refinements from the search, click "X" next to the item.
- » Use the drop-down menus to show [MY SUBSCRIBED CONTENT](#), to change the number of results [PER PAGE](#), or to change the [SORT BY](#) order (newest first, most cited by papers or patents, etc.).

## Advanced search options

- » In [ADVANCED KEYWORDS/PHRASES](#), you can search full-text and limit your query to specific fields using dropdown menus.
- » Switch to the [COMMAND SEARCH](#) to use free text and nested concepts.
- » Use the [CITATION SEARCH](#) tab to search for specific items, such as issue, page number, and year.

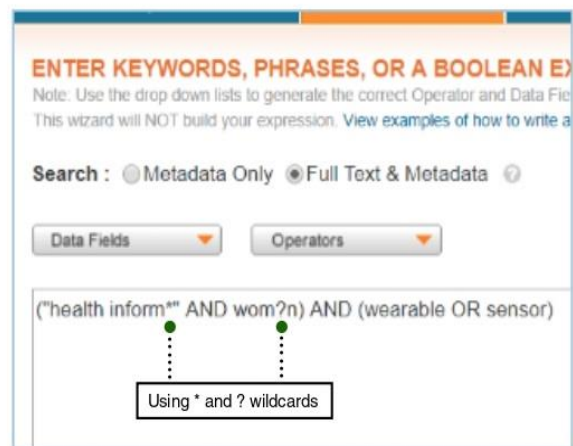
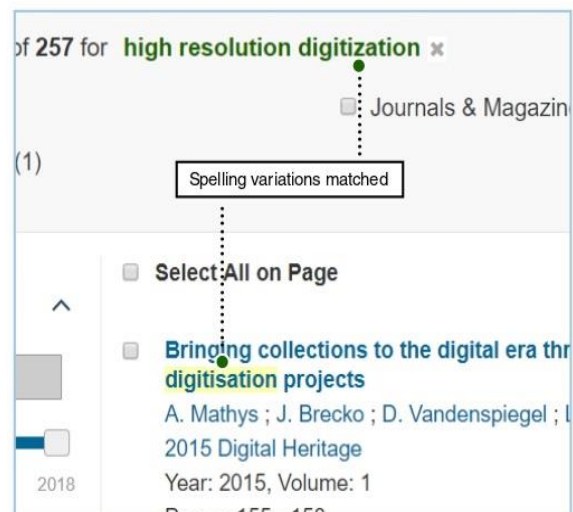
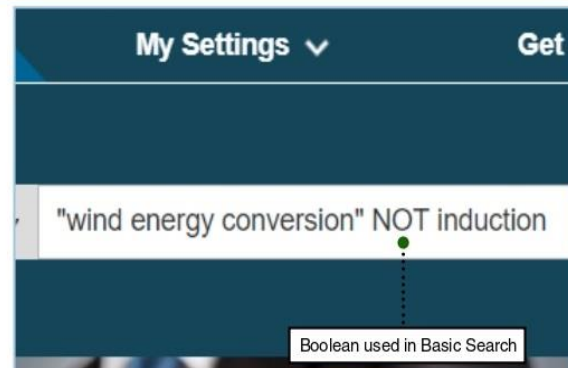
# Advanced Search Tips in IEEE Xplore

## Getting Started With Your Search

- » Boolean operators (**AND**, **OR**, **NOT**) and fielded searching are supported in **BASIC**, **ADVANCED**, and **COMMAND SEARCH**. Boolean operators must be in ALL CAPS.
- » Proximity operators **NEAR/ONEAR** can be used in **BASIC** and **COMMAND** search.
- » Maximum of 40 terms (15 terms per search clause).  
Note: The words within phrases are counted separately (e.g., “cloud computing” is two terms).
- » Use quotes (“ ”) for an exact phrase and to turn off stemming.

## Stemming and Wildcards

- » IEEE Xplore automatically finds pluralized nouns, verb tenses, and British/American spelling variations.
- » Two **WILDCARDS** are supported.
  1. An asterisk (\*) represents a single character, multiple characters, or no characters.  
Example: secur\* retrieves securing, secures, security, etc.
  2. A question mark (?) represents a single character.  
Example: wom?n retrieves woman or women.
- » **WILDCARDS** can be used with **NEAR/ONEAR** operators and when searching full-text.
- » **WILDCARDS** can be used anywhere in a word.
  - Example: \*surg\* retrieves surgery, surgical, neurosurgery, microsurgeons, etc.
- » Maximum of 5 **WILDCARDS** per search. An additional **WILDCARD** can be used in “Search Within Results.”
- » Minimum of 3 characters required for **WILDCARDS** (Exception: Author Facet, minimum of 2 characters)
- » **WILDCARDS** can be used within exact phrases.
  - Example: “health inform\*” retrieves “health inform”, “health informatics”, “health information”, etc.





# Advanced Search Tips in IEEE Xplore

## Proximity Search Tips

- » NEAR performs search in forward or reverse order, ONEAR performs search only in the order specified.
  - Example: implantable NEAR/3 cardiac finds documents with the word implantable within three words of cardiac; cardiac can come before or after implantable.
  - Example: implantable ONEAR/3 cardiac finds documents with the word implantable within three words of cardiac; but implantable must come before cardiac.
- » Complex Boolean queries can be nested in proximity statements.
  - Example: (A or B) NEAR/5 (C or D).

Search

(touchscreen OR "touch screen") NEAR/5 (haptic OR kinesthetic)

## Recording Search History

- » Sign in with your free IEEE personal account or choose [CREATE ACCOUNT](#) to register.
- » Go to My Settings and select Preferences. Turn on [SEARCH HISTORY RECORDING](#).
- » Once logged in, you can save a search to re-use later or combine with other searches.

My Settings ▾

Content Alerts

Search Alerts

MyXplore App

Preferences

Purchase History

**Preferences**

**Search Options**

Search History Recording:

☒ On

☐ Off

Publisher:

☒ All Content

## Search History Tips

- » To view your last 50 searches, go to My Settings and select Search History.
- » To combine searches, check boxes next to the search strings and use the drop-down menu to select [AND](#), [OR](#), or [NOT](#).
- » 50 keyword limit for combined searches. 5 Wildcard limit for combined searches.
- » Searches including "NEAR" or "ONEAR" operators cannot be combined.

Select multiple searches to combine them together.

#	Search Query
<input type="checkbox"/> 39	"Last Name":upshaw, "First Name":sophia
<input checked="" type="checkbox"/> 38	<input type="button" value="START"/> "carbon nanotube"
<input checked="" type="checkbox"/> 37	<input type="button" value="OR"/> thin film transistor

Need more help please contact us at following email/contact numbers: [lrc.services@mail.juit.ac.in](mailto:lrc.services@mail.juit.ac.in), [suresh.kumar@juit.ac.in](mailto:suresh.kumar@juit.ac.in) /Ph: +91-1792-239 286 (Ext 286) or you may visit the library.