Web of Science (platform)

Web of Science Core Collection
(cited references and standard access)
Derwent Innovations Index (patents)
Medline
BIOSIS
and other databases (All Databases)
Contents

- Database access problems due to OpenAthens
- List of WoS platform databases
- Quick summary of search tips (proximity operators and cited reference searching)
- Derwent Innovation Index (patents)
  - Other patent databases

- Web of Science
  - Proximity operators; Basic Search; author searching
  - Cited Reference Search
  - All Databases (targeted databases or all)
URLs for selected Library databases may change

Have you experienced issues trying to access databases through the Georgia Tech Library website? It is likely due to our recent change to OpenAthens IP Authentication. If you have any access questions or database access problems, please contact ept@library.gatech.edu. This will allow us to establish an issues log and address the access issues systemically. Authentication service information is at http://weblog.library.gatech.edu/news, including changing permanently linked information ("Recent News" - right column: OpenAthens; Experiencing Issues with databases, etc.).

While accessing e-resources off-campus, you may notice an OpenAthens login screen. The OpenAthens screen will ask you to identify your home. Use the "Login via your institution: Other Institution Login" (box, right column of screen) then "Find your organization" to search for Georgia (Georgia Institute of Technology). See example. From there, use the Georgia Tech login service and you will be given access to the resource.

All Library databases: http://libguides.gatech.edu/az.php
Library home page (left column): "Research Tools" -- "Find Databases"
Web of Science platform databases

Subscribed Databases

All Databases
Easily search across all subscribed products simultaneously using a common set of search fields for the most comprehensive results.

Web of Science Core Collection (1900-present)
Access the world's leading scholarly literature in the sciences, social sciences, arts, and humanities and examine proceedings of international conferences, symposia, seminars, colloquia, workshops, and conventions.

Web of Science - Social Sciences Citation Index (1955-present)
Capture citation activity and trends graphically with Citation Report

Web of Science - Social Science & Humanities Citation Index (1974-present)

Web of Science - Conference Proceedings Citation Index-Science (1990-present)

Web of Science - Conference Proceedings Citation Index-Social Science & Humanities (1990-present)

Web of Science - Book Citation Index-Science (2005-present)

Web of Science - Book Citation Index-Social Science & Humanities (2005-present)

Web of Science - Emerging Sources Citation Index (2015-present)

Web of Science - Current Chemical Reactions (1985-present)

Web of Science - BIOSIS Citation Index (1926-present)
Life sciences and biomedical research covering pre-clinical and experimental research, methods and instrumentation, animal studies, and more.

Web of Science - Current Contents Connect (1990-present)
Complete tables of contents and bibliographic information from the world's leading scholarly journals and books; also includes relevant, evaluated Web sites and documents.

Web of Science - Data Citation Index (1900-present)
Discover research data, including data studies, data sets from a wide range of international data repositories and connect them with the scientific literature to track data citation.

Derwent Innovations Index (1963-present)
Value-added patent information from Derwent World Patent Index® as well as patent citation information from Patents Citation Index®.

KCI-Korean Journal Database (1980-present)
Provides access to articles from multidisciplinary journals covered in KCI. KCI is managed by the National Research Foundation of Korea and contains bibliographic information for scholarly literature published in Korea.

MEDLINE® (1950-present)
The U.S. National Library of Medicine® (NLM®) premier life sciences database.

Russian Science Citation Index (2005-present)
Access bibliographic information and citations to scholarly articles from Russian researchers in over 500 science, technology, medical, and education journals. Leading publications have been carefully selected and provided by the Scientific Electronic Library (eLIBRARY.RU), Russia's largest research information provider.

SciELO Citation Index (1997-present)
Access to scholarly literature in sciences, social sciences, arts and humanities published in leading open access journals from Latin American, Portugal, Spain and South Africa.

Zoological Record (1864-present)
The world's leading taxonomic reference and oldest continuing database of animal biology.
Web of Science platform databases

- **Web of Science Core Collection** (1900-present)
  - Science Citation Index Expanded (1900-present)
  - Social Sciences Citation Index (1900-present)
  - Arts & Humanities Citation Index (1975-present)
  - Conference Proceedings Citation Index- Science (1990-present)
  - Conference Proceedings Citation Index- Social Science & Humanities (1990-present)
- **Book Citation Index– Science** (2005-present)
  - Book Citation Index– Social Sciences & Humanities (2005-present)
  - Current Chemical Reactions (1985-present)
  - Index Chemicus (1993-present)
Web of Science platform databases (continued)

• **Derwent Innovations Index - patents (1963-present).** Value-added patent information from Derwent World Patent Index® patent citation information from Patents Citation Index®.

• **MEDLINE (1950-present).** The U.S. National Library of Medicine (NLM) premier life sciences database.

• **BIOSIS Citation Index (1926-present).** Life sciences and biomedical research

• **Data Citation Index** (1900-present). Discover research data, including data studies, data sets from a wide range of international data repositories and connect them with the scientific literature to track data citation.
Web of Science platform databases (continued)

- **“All Databases”** Combines all Web of Science platform databases. Use for keywords searches. Search across all subscribed products simultaneously using a common set of search fields, or search targeted databases. Do not use “All Databases” when fields are needed from specific databases, such as patent fields, MESH headings for Medline, etc.

- **Russian Science Citation Index (2005-present)**. Access bibliographic information and citations to scholarly articles from Russian researchers in over 500 science, technology, medical, and education journals. Provided by the Scientific Electronic Library (eLIBRARY.RU)

- **SciELO Citation Index (1997-present)**. Access to scholarly literature in sciences, social sciences, arts and humanities published in leading open access journals from Latin American, Portugal, Spain and South Africa

- **KCI-Korean Journal Database (1980-present)**. Provides access to articles from multidisciplinary journals covered in KCI. KCI is managed by the National Research Foundation of Korea and contains bibliographic information for scholarly literature published in Korea.

- **Zoological Record (1864-present)**. Animal biology
Web of Science Core Collection

- **Web of Science** Citation databases. **Cited references.**
  Web of Science “Citation” databases provide access to research literature through **standard access points and** to **cited references (from bibliographies, footnotes)** published with a scholarly paper. The cited reference search enables you to **find newer articles that have cited a specific work** by an author.
  - **Science Citation Index** (1900+)
  - Social Science Citation Index (1900+)
  - **Conference Proceedings Citation Index**- Science (1990+)
  - **Book Citation Index– Science** (2005+)

- Can search “All Databases” or select a single database

Library Search Hints and Guides [http://www.prism.gatech.edu/~bw21](http://www.prism.gatech.edu/~bw21)
Web of Science patent database 
**Derwent Innovations Index** 1963+

- The Library subscription database Derwent Innovations Index facilitates rapid, precise patent searching and merges the **value-added** patent information from **Derwent World Patents Index** with the patent **citation** information from **Derwent Patent Citation Index**.
- Conduct value added patent and citation searches of inventions in chemical, electrical, electronic, and mechanical engineering.
- U.S. and foreign (worldwide) patents.
- The original title and abstract are replaced by Derwent’s value added titles and abstracts, which are more understandable and descriptive than legal language written by patent attorneys.
To obtain full **issued** U.S. patent **PDF**, search by the **Patent Number** **8680752** in the **USPTO** database. Search in Derwent as **US8680752**
Derwent Innovations Index

• The advantages of the Derwent Innovations Index are their **value added descriptions**, the powerful Web of Science search engine, and the patent citation searching.

• The value added English language Derwent Innovations Index titles and descriptions are useful when searching foreign language patents.

• To pull up records by U.S. patent number, search the **granted** patent number in the Patent Number field (drop down menu, using "Basic Search") as **USpatent number** (issued/granted U.S. patents).

• Some **recent** U.S. application patent numbers are missing a zero; **add a zero** after the year, when searching the **USPTO** patent “**AppFT Applications**” database.
Derwent Innovations Index

- The patent databases (USPTO etc.) and the Derwent Innovations Index use **different patent titles** and **abstracts**. Derwent provides value-added titles and abstracts.
- Go to the original full text/PDF patent ([USPTO](https://www.uspto.gov), [espacenet.com](https://www.espacenet.com), etc.) to obtain the **original** patent title and patent abstract.
- Derwent Innovations Index **drop down menu** -- "Basic Search" or "Cited Patent Search" or "Advanced Search".
- The **Cited Patent Search** enables searchers to find newer patents that cite a specific patent, by entering the patent number, assignee, inventor, and/or accession number.
- Using the Basic Search, the **Inventor** and **Assignee** names can be **browsed** using the "**Select from List**" Name Lists.
- "**Basic Search**" – find patents by topic, inventor, etc.
- "**Advanced Search**" – combine previous search statements (Search History, such as #1 NOT #2). Can use field tags
- **Cited Patent Search** -- Find the newer patents that cite a specific patent
• **Patent number.** Derwent inputs the two-character WIPO country code, followed by the serial number (up to 10 digits), and the status code. *Format* CCNNNNNNNN or CCYYYYNNNNN

• **Inventor names**
  - The name(s) of the inventor(s) in the format *Lastname Initials*. The last name (family name) may contain a **maximum of 30 characters** followed by a space and up to 3 initials.
  - Records entered **prior to 1992** were restricted to a **maximum of eight inventors**, with the exception of **Soviet** patents, which retained a limit of **three**. From **1978 to 1980** the **limit** was **three inventor names** with up to **10 characters** each. Inventor names from **Japanese** patents are not included.
Other patent databases

• **InnovationQ** Plus. Georgia Tech Library subscription database
  - InnovationQ Plus is a discovery platform that allows you to search for patents, non-patent literature, and licensable technology. The analytic tools enable deeper understanding of technologies found in a concept space. The Corporate Tree features allows you to see the technologies and patents connected to both public and private companies.
  - Powered by IEEE and IP.COM
  - **Visualize** research results and **identify innovation trends and market potentials**
  - GT subscription. Number of users: 10
Other patent databases

- **Free download/print full text** PDFs of all U.S. patents. Search by U.S. **patent number** using USPTO, pat2pdf.org, Patent Fetcher, espcenet (U.S. and selected "worldwide") patents, and Google Patents. Elected European patents are free full text.

- **USPTO** website to search **U.S.** patents by keyword 1976+ and by patent class and subclass back to **1790**: http://patft.uspto.gov/ (issued/granted and applications)

- **European** Patent Office patent searching using espcenet (U.S. and selected "worldwide") patents

- **PubWest** (USPTO) keyword patent searching back to **1920s**
Web of Science
Proximity Operators

- Proximity operators
  - **NEAR/x** terms occur within a user-specified number of words. Wireless NEAR/2 networks
  - **SAME** – only use in the Web of Science Core Collection **Address** field. Terms must occur within the same address
  - **Phrase** search – for an exact phrase, enter in quotation marks “sensor fusion”
Only use a **Basic Search** (subjects, keywords) in *Web of Science* Core Collection for **chemistry, biology, medical, and bioengineering topics**. For electrical engineering, computers, physics etc. use **Inspec/Compendex** (and selected ProQuest databases such as NTIS, Aerospace ...). “**All Databases**” (all or targeted)

[http://www.prism.gatech.edu/~bw21](http://www.prism.gatech.edu/~bw21)

**Science (1900+) and Social Science (1900+)**

Can use the “**All Databases**” or select a single database.
Web of Science Author Searching

- For Cited References, search by the first listed author. Use the Cited Author Browse Index for variations in name.
- The maximum length of a cited author name is 18 characters (up to 15 characters for the surname, followed by a space and two initials).
- From 1965 through 1974, source author names were captured with a maximum of 11 characters, followed up to 8 characters for a surname by a space or a period (if truncated), and up to two initials. If the length of the last name permitted, more than 2 initials were captured. For example, between 1965 and 1974: D.E. Hofstadter was captured as Hofstadt.DE.
- Search for surnames containing particles with and without a space after the particle (e.g., de Bruyn A* OR deBruyn A*).
- Last names containing an apostrophe should be searched with and without the apostrophe (e.g., O'Hara M* OR OHara M*).
- Beginning with 1998 data, non-alphanumeric characters (e.g., the apostrophe in O'Brian) and embedded spaces (e.g., the spaces in the last name de la Rosa) are often preserved.
- Diacritical marks are not searchable. The name Schröder may appear in the database as Schroder or Schroedler.
- Search all variations on Asian names (Zhuang J OR Zhang J OR Jun Z).
- Bens?n finds Bensen or Benson. Barthold$ finds Barthold, Bartholdi, or Bartholdy. Hof$man finds Hofman, Hofmann, Hoffman, or Hoffmann.
Full Author Names

• Web of Science captures full author names as they are listed in original records. This feature is NOT available for records prior to 2006.

• The full author names will not be retrospective (old records will remain author initials only).

• Variations. Both author full first names and author initials (one or two initials) should be searched; note spacing between initials (one or no spaces).

Title: Multidirectional UV lithography for complex 3-D MEMS structures
Author(s): Yoon YK (Yoon, Yong-Kyu), Park JH (Park, Jung-Hwan), Allen MG (Allen, Mark G.)
Sample author affiliation search

- **Not all** Web of Science records contain organization (author affiliation/address) information. Searches limiting to author affiliation address/organization fields will **miss these records**.
- It can be helpful to combine (with the Boolean "OR" operator) an author affiliation "Organization" (OG= OO=) search with a search of the author affiliation "Address" field (AD=).
- Sample search. Note: Using only OG=(Georgia Institute of Technology) misses at least one record (for a Georgia Tech author affiliation location in France).
  - Set # 4  102 records
    
    **AU**=(McLaughlin S*) **and (AD=**("Georgia Tech") **or AD=(inst* SAME (("GA") or Georgia) SAME tech*) or AD=("GA tech") **or OG=(Georgia Institute of Technology))**
  - Set # 3  102 records
    
    #1 and #2
  - Set # 2  38,387 records
    
    AD=( ( ("ga inst") OR ("georgia inst") OR ("ga institute") or ("georgia institute") ) AND ( ("GA") or georgia) SAME inst* SAME tech*) ) OR AD=("georgia Tech") OR ("GA Tech") OR OG=(Georgia Institute of Technology)
  - Set # 1  691 records
    
    au=(McLaughlin sw) OR au=(McLaughlin s) OR au=(McLaughlin steven) OR au=(McLaughlin Steven w*)

- Other databases, such as Compendex and Inspec, have author affiliation fields.
Web of Science

- Can limit by fields TI=(engineer*), using Advanced Search
- Default operator is AND
- Child* **near/3** obes*
- TS = (Germany NEAR/10 "monetary union")
  TS = (Germany NEAR/10 (monetary NEAR/0 union))
- Left Hand Truncation *phosphate = monophosphate, triphosphate, etc. Left hand truncation might not work properly
- **Lemmatization**. Web of Science automatically applies lemmatization rules to Topic and Title search queries. With lemmatization turned on, a search term is reduced to its "lemma" and inflected forms of the word are retrieved. For example: (a) *cite* finds inflected forms of the word cite, such as *citing, cites, cited* and *citation* (b) *defense* finds spelling variants such as *defense* and *defence*
Cited Reference Search
Web of Science Core Collection

• Look at all Cited Reference screens
• Think of all possible cited reference variations. Different ways to write the title, errors in year, errors in volume number, errors in page numbers.
• Conference can be held one year and published a different year (one, two, three or more years later).
• Select one at a time, or “Select All” or “Select Page”
• Finish Search
Cited Reference Search
Web of Science Core Collection

- First author exception: **Three dots (ellipses)**. Not first author. Only includes secondary authors if publications are indexed by Web of Science.
- Browse by first Cited Author (“Select from Index”).
- Always use **first author**. Use Author icon to browse for author variations (1 or 2 initials, full first name, spacing).
- Full Record or Authors-Title-Source-Abstract.
- "**Analyze Results**" or "**Create Citation Report**" or “Refine Results”.
- Print, Email, Save to File.
Web of Science Core Collection
Cited Reference Search

- **Basic** Search: – by document topic, title, author, etc.
- **Advanced** Search: – combine previous search statements (Search History, such as #1 NOT #2). Can use field tags
- **Cited Reference** Search – Find newer articles that cite a work

- Drop down menu: Cited Author, ...
- Timespan ; Add Another Field ; More Settings
Advanced Search: – combine previous search statements (Search History, such as #1 NOT #2). Can use field tags
Search History to Save History or Create Alerts

The entire search history of one session can be saved, not just one statement line.
Web of Science Core Collection

- Can select “Science Citation Index”
  - If you are searching a topic such as psychology, can also choose “Social Sciences Citation Index”
- Click on “Cited Reference Search”
- Optional: “Limit to” Timespan (if needed).
  - From __ to ___ (default is all years)
- Browse for variations of author names (“Cited Author” -- “Select from Index”)
- Truncation * (asterisk) zero or more characters
Web of Science

• **Try without “Cited Year”** first.
  ▪ Use “Time Span” before using “Cited Year”
  ▪ Only use “Cited Year” if results are too large.
• Do **NOT** use “Cited Work”
  ▪ “Cited Work” box must contain the EXACT abbreviation
• **Timespan** (Limit to). If too many records, can choose a timespan, beginning at the earliest possible date of the item (year conference was held or year journal article was published)
• Remember that conferences can be **held one year and published 1-3** or more **years later**
Cited Author – Look for variations

• **Cited** Author - search by **First Author**
• **Full first name** searching for articles processed in **2007 or after**
• Search both **first** author with **initials and** also **first** author with **full** first name
• Try searching **with and without** the **middle** initial
• Try **variants**, first initial & middle initial, full first name, etc. Can try to truncate after first name and initial
Cited Author – Look for variations

- **Cited** reference **variants** are **not** found with the **Secondary Author**. Always conduct cited reference searches using the **first author’s** name. Browse ("Cited Author" – "Select from Index") using first author to find all variants. Watch for initials (one or two initials), full names, **initials with and without spaces**, etc.

- Note **spaces** "TK" or "T K" (one space or no spaces). Search "T" separately. Use Browse

- Spaces and punctuation might be **stripped** -- Cited author = vandenburg b* or van den burg b*)
Cited Reference Search

- First Author
- Leave “Cited Work” box blank (exact abbreviation)
- Timespan -- only if needed
- Only use “Cited Year(s)” if results too large
- Try “Time Span” before “Cited Year” (note possible conference date variation)
Look at all screens

Think of all possible variations
Cited Author=((CLOUGH W G) OR (CLOUGH WAYNE) OR (CLOUGH WG) OR (CLOUGH G WAYNE) OR (CLOUGH GW) OR (CLOUGH G W)) AND Cited Year=(1976 or 1977 or 1978)

- Icons: Print or email records
- “Add to Marked List” then “Marked List”
### Cited Reference Search

**Step 2:** Select cited references and click "Finish Search."

Hint: Look for cited reference variants (sometimes different pages of the same article are cited or papers are cited incorrectly).

#### CITED REFERENCE INDEX

References: 1 - 50 of 323

- **Select References**
- **Cited Author**
- **Cited Work [SHOW EXPANDED TITLES]**
- **Year**
- **Volume**
- **Page**
- **Article ID**
- **Citing Articles**
- **View Record**

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<th>Cited Work [SHOW EXPANDED TITLES]</th>
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<th>Volume</th>
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- **Secondary author** (not the first author). **Ellipsis (…)** prior to secondary author name
- **Finish Search**
- **Select one at a time, or records _ to _**
Record 1 of 12

Author(s): Azevedo, RF; Parreira, AB; Zornberg, JG
Title: Numerical analysis of a tunnel in residual soils
Source: JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, 128 (3): 227-236 MAR 2002
Language: English
Document Type: Article

Author Keywords: numerical analysis; residual soils; tunnels; finite elements; constitutive models; excavation; overconsolidated clays

Abstract: This paper presents results of an elastoplastic finite element back analysis of a shallow tunnel through residual soils. The tunnel was constructed as part of the expansion of the underground transit system in the city of Sao Paulo, Brazil. A comprehensive laboratory testing program on undisturbed soil samples was performed in order to characterize the stress-strain-strength behavior of the residual soils. Results from this laboratory testing program were used to calibrate a nonassociated elastoplastic constitutive model utilized to reproduce the behavior of the residual soils under stress paths typical of underground excavation. A stress transfer method is proposed to simulate, using a two-dimensional finite element analysis, the response of the soil mass to the three-dimensional advancement of a tunnel excavation. Comparisons are presented between monitored displacements from an instrumented section of the Paraíso tunnel, empirical predictions, and the results of a finite element back analysis. Good agreement is achieved between the displacements obtained from field instrumentation data and the empirical and numerical results.

Addresses: Univ Fed Vícosa, Vícosa, MG, Brazil; Univ Sao Paulo, Sao Paulo, Brazil; Univ Colorado, Boulder, CO 80309 USA

Reprint Address: Azevedo, RF, Univ Fed Vícosa, Vícosa, MG, Brazil

BROWN PT, 1985, COMPUTERS GEOTECHNIC, V1, P207.
CLough GW, 1976, P2 INT C NUM METH, P496.
KUPP ARG AAG, 1985, P1 INT C GEOM TROP, V1, P117.
YONG KY, 1989, COMPUT GEOTECH, V8, P311.

Cited Reference Count: 24
Times Cited: 5
Publisher: ASCE-AMER SOC CIVIL ENGINEERS
Publisher Address: 345 E 47TH ST, NEW YORK, NY 10017-2398 USA
ISSN: 1090-0241
Browse Cited Author Index (“Select from Index”)

Browse GAYLORD T, Thomas, Thomas K, T K, TK, (space and no space)

Web of Science®

Cited Reference Search  (Find the articles that cite a person's work)

Step 1: Enter information about the cited work. Fields are combined with the Boolean AND operator.

* Note: Entering the title, volume, issue, or page in combination with other fields may reduce the number of cited references.

(GAYLORD T) OR (GAYLORD T K) OR (GAYLORD THOMAS K) OR (GAYLORD TK) OR (GAYLORD THOMAS)
Warning: searching only **one initial** may produces **too many** results. [Gaylord T] retrieves not only [T. Gaylord] but also **selected** variations [T. G. Gaylord etc.]. If needed, search the one initial separately.

**Browse** – “Cited Author” - “**Select from Index**”

**Browse** –
“Author Index”
“Cited Author Index”
Author. Search both:

- (Gaylord T) – actual number is “5” records but answer is “29”
- Gaylord with middle initial produces 268 records. Search both: “T K” or “TK”
“Advanced Search” Combine sets; remove self cites.

Removed self-cites. For the “Cited Author” search – search by “first author” name (only secondary authors indexed by Web of Science are included).
The All Databases Citation Summary table displays a breakdown of all “Times Cited” counts across all products and editions in *Web of Knowledge*, including citation counts from product databases that are not in our GT subscription. “Times Cited”

“Times Cited” = find the WoS indexed articles that cite this work. Web of Science Core 212; All Times Cited Counts 221
Combine **all** Web of Science’s Science Citation Index, BIOSIS, Medline, Derwent Innovations Index (patents), etc. into one search or search **targeted** databases, using “All Databases”

**“Select a database” “All Databases” (selected or all)**
Search by keywords or author for topics in **biology, medicine, and chemistry**

• Search by author (to remove self cites)
Select a database “All Databases”

More settings

Check boxes for targeted databases, such as Web of Science and Medline

OR

Search single databases (such as the Derwent Innovations Index patent database separately)
Records resulting from combined (check both boxes) Compendex and Inspec database searches include “Cited by in Scopus”
“Cited By” in Scopus (since 1996)

• Search BOTH Library subscription databases Web of Science and Scopus to obtain a complete list of cited references (titles that cite a specific document). Also Google Scholar “Cited by #”

• If a document has been cited in Scopus, the titles of the citing documents appear in a Cited by since 1996 box on the Document details page. A document may be cited in Scopus since 1996.

• The Scopus “Citation Overview” includes the number of times the documents were cited, by publication year.

• Scopus Citation Overview: Citations received since 1996. Can “Exclude from citation overview”: "Self citations of selected author" or "Self citations of all authors".
“Cited By” in **Scopus** (since 1996)

- Scopus "**Author search**" --"Last name" ; "Initials or First Name" (can "Show exact matches only"). Check box of possible author names; Show documents or View citation overview

- **Document search** drop down menu "References". When searching the REF field, can specify if you want all of your search terms to be found in the same reference - REF(darwin 1859).

- You can search using the Scopus Author Identifier from the Author and Advanced search forms.

- Scopus: Author j index; SIR & SNIP rankings. Web of Science has JCR reports.

- Other databases also provide cited reference information, such as IEEE Xplore, SciFinder Scholar, and Google Scholar.
<table>
<thead>
<tr>
<th>With all your search terms in the same reference</th>
<th>REF(Watson crick)</th>
<th>References containing both terms anywhere in the reference:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written by two specific authors</td>
<td>REF(REFAUTH(Watson) AND REFAUTH(Crick))</td>
<td>References written by both Watson and Crick</td>
</tr>
</tbody>
</table>

References:
- F. Han, A neutral dinucleotide with Watson-Crick base pairing and a right handed helical twist

E.g., “Cognitive architectures” AND robots
From Web of Science Core Collection “Help” screens

**Cited Reference Search**

- While in the **Web of Science Core Collection**, click on **Cited Reference Search**.
- Search for records that have cited a published work. All successful searches are added to the **Search History table**.
- Through a cited reference search, you can discover how a known idea or innovation has been confirmed, applied, improved, extended, or corrected. Discover who’s citing specific research and the impact this work is having on other researchers around the world.

**How to Perform a Cited Reference Search** (Web of Science)

- Enter a name in the Cited Author field.
- Enter a journal title, book title or patent number in the Cited Work field.
- Click **Search**. The search will return entries from the Cited Reference Index that contain the cited author/cited work that you entered.
- If you retrieve too many hits, return to the Cited Reference Search page and add search criteria for Cited Year, Cited Volume, Cited Issue, or Cited Page.
- Select references and cited reference variations from the Cited Reference Index.
- Click **Finish Search** to go to the Results page. The system retrieves all records of publications that cite the references you selected from the Cited Reference Index.
From Web of Science Core Collection “Help” screens

Cited Reference Search

- **Cited Reference Search Fields**
  - Cited Author
  - Cited Work
  - Cited Year
  - Cited Volume
  - Cited Issue
  - Cited Page
  - Cited Title

- **Cited Reference Search - Additional instructions**
  - Selecting References
  - Cited Work - Show Expanded Titles
    - Cited Work - Show Abbreviated Titles
    - About Cited References
  - Citation Alerts
Google Scholar

https://scholar.google.com/

Note: Multiple “Cited by” references may be in error – they may not cite the original publication.
<table>
<thead>
<tr>
<th>Rank</th>
<th>Title</th>
<th>Total Cites</th>
<th>Journal Impact Factor</th>
<th>Eigenfactor Score</th>
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<tr>
<td>1</td>
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Journal Citation Reports
(Formerly Thomson Reuters/ISI)
Guides and Search Hints

- **Help** (top, right row)
- **Journal Citation Reports** LibGuide
  http://clarivate.libguides.com/jcr
- **Journal Citation Reports - Quick Reference Guide**
- Getting Started **Videos** (left column)
- Training **Videos**
- **JCR Primer** (Journal Impact Factor)
- Right side of Web of Science screen:
  - [Web of Science Core Collection (LibGuide)](http://example.com)
  - [View our Cited Reference Search tutorial](http://example.com)
  - [View Tutorials](http://example.com) Check out our YouTube training channel
Assistance searching the Library’s Databases

- For **ECE and GTRI** one-on-one **in-depth and quick** database search assistance and group instruction, please **contact Bette Finn** ([bette.finn@library.gatech.edu](mailto:bette.finn@library.gatech.edu))

- For other schools, contact your **Subject Librarian** for assistance searching any of the Library’s **databases**. Every school has a Subject Librarian ([http://www.library.gatech.edu/services/subject_librarians.php](http://www.library.gatech.edu/services/subject_librarians.php)).

- For circulation questions (check-out, recalls, etc.) – contact Public Services, 1st floor west library service area, phone 404-894-4530

- **All Research guides**
- **All Databases**