

Web of Science Core Collection

Quick Reference Guide

What is *Web of Science Core Collection*?

Search over 66 million records from the top journals, conference proceedings, and books in the sciences, social sciences, and arts and humanities to find the high quality research most relevant to your area of interest. Using linked cited references, explore the subject connections between articles that are established by the expert researchers working in your field.

Basic search

Use the drop down to search another content set on the *Web of Science*.

Choose a search option:

- Basic Search
 - Cited Reference Search
 - Advanced Search
- Or click More for additional options.

Search

Combine words and phrases to search across the source records in the *Web of Science Core Collection*.

The screenshot shows the Web of Science search page. At the top, there are navigation tabs for 'Web of Science', 'InCites', 'Journal Citation Reports', 'Essential Science Indicators', and 'EndNote'. The main search area includes a 'Select a database' dropdown menu set to 'Web of Science Core Collection'. Below this are search options: 'Basic Search', 'Cited Reference Search', 'Advanced Search', and '+ More'. A search input field contains the example text 'Example: oil spill* mediterranean'. To the right of the input field is a 'Topic' dropdown menu and a 'Search' button. Below the search input, there is an 'Add another search field' link and a 'Reset Form' link. At the bottom, there is a 'TIMESPAN' section with a dropdown for 'All years' and a date range selector 'From 1900 to 2017'. A 'MORE SETTINGS' link is also present. Annotations with lines pointing to various parts of the interface include: 'Select Your Search Field' pointing to the 'Topic' dropdown; 'Use the drop down to search another content set on the Web of Science.' pointing to the 'Select a database' dropdown; 'Choose a search option...' pointing to the search options; 'Add another search field.' pointing to the 'Add another search field' link; and 'Limit Your Search' pointing to the 'TIMESPAN' section.

Select Your Search Field

Use the drop down to select your search field. Search by Topic, Author, Publication Name, Funding Agency, Organization-Enhanced, Author Identifier Number or PubMed ID.

Use "My Tools" to move to your Saved Searches, *EndNote* online account, or *ResearcherID*.

Limit Your Search

Change your search limits or limit the indexes you wish to search. Click "More Settings" to see the list of all the indexes included in your *Web of Science Core Collection* subscription.

Search operators

- Use **AND** to find records containing all of your search terms
- Use **OR** to find records containing any of your search terms
- Use **NOT** to exclude records containing certain words from your search
- Use **NEAR/n** to find records containing all terms within a certain number of words (n) of each other (stress NEAR/3 sleep)
- Use **SAME** in an Address search to find terms in the same line of the address (Tulane SAME Chem)

Wild card characters

Use truncation for more control of the retrieval of plurals and variant spellings

- * = zero to many characters
- ? = one character
- \$ = zero or one character

Phrase searching

To search exact phrases in Topic or Title searches, enclose a phrase in quotation marks. For example, the query "energy conservation" finds records containing the exact phrase energy conservation.

Author name

- Enter the last name first, followed by a space and up to five initials.
- Use truncation and search alternative spelling to find name variants:
- **Driscoll C** finds **Driscoll C, Driscoll CM, Driscoll Charles**, and so on.
- **Driscoll** finds all authors with the last name **Driscoll**
- **De la Cruz f*** OR **Delacruz f*** finds **Delacruz FM, De La Cruz FM**, and so on.

Search results

Sort results

by Publication Date (default), Times Cited, Usage Count, Recently Added, Source, First Author or Conference name.

Create Citation Report

Click Create Citation Report to see a citation overview for any set of results with fewer than 10,000 records.

Click "More" to view your full search statement.

Click "Create Alert" to save this search statement as a search alert.

Refine your results

Use Refine Results to mine your full set of results to find Hot & Highly Cited Papers, top Subject Categories, Publication Years, and more. Click View All Options to see the complete list of fields.

Output search results

Export to bibliographic management tools like EndNote, send to InCites for analysis, save as text, email, or add up to 50,000 to Marked List.

Save up to 50 Marked Lists containing up to 50,000 records per list.

Click Full Text to see your full text options.

Click View Abstract to open the abstract on this page.

Click the article title to move to the full record. Links to full text may also be available (subscription required).

The screenshot shows the Web of Science search results page for a query about oil spills. The interface includes a search bar, a results list, and a left-hand navigation pane for refining results. Annotations with lines pointing to specific features include:

- Search Bar:** A callout points to the search bar with the text "Click 'More' to view your full search statement."
- Results Summary:** A callout points to the "Results: 1,809" and "You searched for: TOPIIC: (oil spill gulf) ..." with the text "Click 'Create Alert' to save this search statement as a search alert."
- Refine Results:** A callout points to the "Refine Results" section with the text "Use Refine Results to mine your full set of results to find Hot & Highly Cited Papers, top Subject Categories, Publication Years, and more. Click View All Options to see the complete list of fields."
- Export Options:** A callout points to the "Full Text from Publisher" and "View Abstract" buttons with the text "Click Full Text to see your full text options." and "Click View Abstract to open the abstract on this page."
- Article Title:** A callout points to the first article title with the text "Click the article title to move to the full record. Links to full text may also be available (subscription required)."
- Summary Pop-up:** A separate window titled "Citation report for 1,809 results from Web of Science Core Collection" is shown, containing a bar chart of "Total Publications" (1,809) and several summary statistics: "Total Publications: 1,809", "Articles: 64", "Times Cited: 22,296", "Usage Count: 11,243", "Average citations per item: 12.33", "Without self-citations: 14,767", and "Without self-citations: 10,065". A callout points to this window with the text "Click Create Citation Report to see a citation overview for any set of results with fewer than 10,000 records."

Search results

Fields in a TOPIC search

Title

All titles are indexed as published. Foreign language titles are translated into US English.

Abstract

All abstracts are indexed as provided by the journal (1991 to present).

Author Keywords and KeyWords Plus

Author Keywords are indexed and searchable. KeyWords Plus are words and phrases harvested from the titles of the cited articles. Click on the Keyword or Phrase to perform a search on the terms.

Author Identifiers

ResearcherIDs and ORCID IDs are searchable and displayed when available. ResearcherIDs are harvested from public profiles at www.researcherid.com. ORCID data is harvested from www.orcid.org.

Author Names

All authors are indexed. Search using last name and initials (e.g. garfield e").

Addresses and Organization Enhanced Names

All author addresses are indexed and searchable. Reprint author e-mail addresses are listed when available. Organization Enhanced Names are used to help identify institutions with complex names, or with many address variations.

Funding Information

Funding agency, grant numbers, and the funding acknowledgement text is searchable (availability varies by index).

Link to full text, library holdings or Google Scholar.

All cited references are indexed and searchable via Cited Reference Search. Click the "Cited References" link in the Citation Network to move to the cited reference view.

The screenshot shows a Web of Science article page for the paper "Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates". The page is annotated with callouts pointing to various fields:

- Title:** "Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates"
- Authors:** Berg, E (Berg, Eric)^[1], Fradkin, E (Fradkin, Eduardo)^[2], Kivelson, SA (Kivelson, Steven A.)^[1], Tranquada, JM (Tranquada, John M.)^[3]
- Journal Information:** NEW JOURNAL OF PHYSICS, Volume: 11, Article Number: 115004, DOI: 10.1088/1367-2630/11/11/115004, Published: NOV 4 2009
- Abstract:** Recent transport experiments in the original cuprate high temperature superconductor, La_{2-x}BaxCuO₄, have revealed a remarkable sequence of transitions and crossovers that give rise to a form of dynamical dimensional reduction, in which a bulk crystal becomes essentially superconducting in two directions while it remains poorly metallic in the third. We identify these phenomena as arising from a distinct new superconducting state, the 'striped superconductor', in which the superconducting order is spatially modulated, so that its volume average value is zero. Here, in addition to outlining the salient experimental findings, we sketch the order parameter theory of the state, stressing some of the ways in which a striped superconductor differs fundamentally from an ordinary (uniform) superconductor, especially concerning its response to quenched randomness. We also present the results of density matrix renormalization group calculations on a model of interacting electrons in which sign oscillations of the superconducting order are established. Finally, we speculate concerning the relevance of this state to experiments in other cuprates, including recent optical studies of La_{2-x}BaxCuO₄ in a magnetic field, neutron scattering experiments in underdoped YBa₂Cu₃O_{6-x} and a host of anomalies seen in STM and ARPES studies of Bi₂Sr₂CaCu₂O_{8-δ}.
- Keywords:** HIGH-T_C; HIGH-TEMPERATURE SUPERCONDUCTORS; DOPED ANTIFERROMAGNETS; NEUTRON-SCATTERING PHASE-SEPARATION; UNDERDOPED Bi₂Sr₂CaCu₂O₆+Δ; TRANSPORT PROPERTIES; II SUPERCONDUCTORS; MAGNETIC ORDER; SO(5) THEORY
- Author Information:** Reprint Address: Berg, E (reprint author), Stanford Univ, Dept Phys, Stanford, CA 94305 USA
- Addresses:** [1] Stanford Univ, Dept Phys, Stanford, CA 94305 USA; [2] Univ Illinois, Dept Phys, Urbana, IL 61801 USA; [3] Brookhaven Natl Lab, Condensed Matter Phys & Mat Sci Dept, Upton, NY 11973 USA
- E-mail Addresses:** kvelson@stanford.edu
- Funding:**

Funding Agency	Grant Number
National Science Foundation	DMR 0750462 DMR 0531195
Office of Science, US Department of Energy	DE-FG02-91ER40439 DE-FG02-05ER46297 DE-AC02-96CH10366
- Citation Network:** 116 Times Cited, 157 Cited References, View Related Records, Create Citation Alert
- Usage Count:** Last 180 Days: 5, Since 2013: 64, Learn more
- Most Recent Citation:** Yu, Zuo-Dong, Phase competition and anomalous thermal evolution in high-temperature superconductors, PHYSICAL REVIEW B, JUL 12 2017, View All
- This record is from:** Web of Science Core Collection - Science Citation Index Expanded
- Suggest a correction:** If you would like to improve the quality of the data in this record, please suggest a correction.

See the number of full text click-throughs or bibliographic exports for this item in the last 180 days or since 2013.

Citation Network

- Cited References
- Times Cited Counts
- Related Record Search
- Citation Alerts

Times cited counts for the *Web of Science Core Collection* and the *Web of Science* platform (including *Web of Science Core Collection*, *Biosis Citation Index*, *Chinese Science Citation Database*, *Data Citation Index*, *Russian Science Citation Index* and *SciELO Citation Index*) are displayed on each record. Counts reflect all correct citations and are not limited by your subscription.

Cited reference search

Select	Cited Author	Cited Work (SHOW EXPANDED TITLES)	Year	Volume	Issue	Page	Identifier	Citing Articles**	View Record
<input type="checkbox"/>	Anand K ↑ (Show all authors)	SCIENCE	2003	300	5626	1763	10.1126/science.1085658	491	View Record in Web of Science Core Collection
<input type="checkbox"/>	ANAND K	SCIENCE	2003	5626	1763			1	
<input type="checkbox"/>	ANAND K	SCIENCE	2003	300	1463			1	
<input type="checkbox"/>	ANAND K	SCIENCE	2003	13	13			1	
<input type="checkbox"/>	ANAND K	SCIENCE	2003					11	
<input type="checkbox"/>	ANAND K	SCIENCE						1	
<input type="checkbox"/>	ANAND K	SCIENCE 0513	2003					2	
<input type="checkbox"/>	ANAND K	SCIENCE 1305	2003					1	
<input type="checkbox"/>	Anand K ↑ (Show all authors)	Science, www.scienceexpress.org	2003					2	
<input type="checkbox"/>	Anand K ↑ (Show all authors)	Science, www.scienceexpress.org 13 May	2003					1	
<input type="checkbox"/>	ANAND K	SCIENCEEXPRESS	2003					1	
<input type="checkbox"/>	Anand, K.C	Science Technology & Management Journal By ANSECT University	2013			1		1	

Step One

- Navigate to Cited Reference Search.
- Search by Cited Title, Cited Author, Cited Work, Cited Year, Volume, Issue, or Page.
- Use the Journal Abbreviations List for help with abbreviations.

Step Two

Select the references, including variants, to include in your search, then click “Finish Search” to display your search results.

Cited reference search tips:

- Use wild card characters (see page 1) on Cited Authors and Cited Work.
- Look for variants (sometimes papers are cited incorrectly) before finishing your search.
- The “Citing Articles” count reflects citations from all years and all editions of the *Web of Science Core Collection* – even those years and editions you don’t subscribe to.
- All cited references are indexed and searchable, including references to books, patents, government documents, etc. Secondary cited authors, full source titles, and non-standard source abbreviations are automatically searched across all source records in the *Web of Science*. Keep in mind that a search of this sort may only return partial results.
- Since 2012, all references to ‘non source’ items (books, newspaper items, etc.) are fully indexed (full list of authors, full title, etc.) as published. Click “Show Expanded Titles” to see the full reference information.

Your Web of Science profile

- Save records to *EndNote* online
- Integrate with ResearcherID
- Save search histories
- Create Search Alerts
- Create Citation Alerts
- Save your custom search settings
- Save Marked Lists

Getting help

Click the Help button on any page to get detailed help on features as well as detailed search tips and examples. Stay Informed about *Web of Science* at: clarivate.com/products/web-of-science

Contact the Technical Help Desk for your region at: clarivate.com/products/web-of-science/contact-us

LibGuide: clarivate.libguides.com

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