

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 header includes 'Web of Science' and 'Clarivate Analytics'. Below the header, there is a search bar with a dropdown menu set to 'Web of Science Core Collection'. To the right of the search bar is a 'Search' button. Below the search bar, there are options for 'Basic Search', 'Cited Reference Search', and 'Advanced Search'. A search input field contains the example text 'Example: oil spill* mediterranean'. Below the search bar, there is a 'TIMESPAN' section with a dropdown for 'All years' and a range selector for 'From 1900 to 2017'. There is also a 'MORE SETTINGS' link. Annotations with lines pointing to various parts of the interface include: 'Select Your Search Field' pointing to the dropdown menu; 'Use the drop down to search another content set on the Web of Science.' pointing to the search bar area; 'Choose a search option:' pointing to the search options; 'Use "My Tools" to move to your Saved Searches, EndNote online account, or ResearcherID.' pointing to the 'My Tools' link; 'Add another search field.' pointing to the '+ Add Another Field' link; and 'Limit Your Search' pointing to the 'MORE SETTINGS' link.

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.

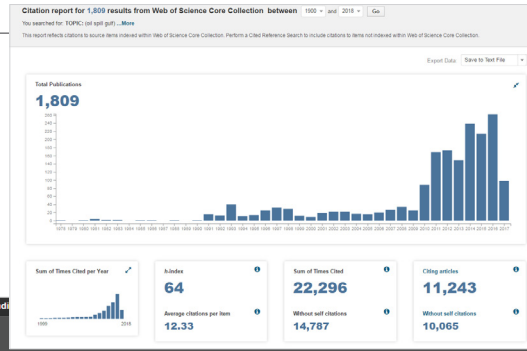
Search results

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).

Web of Science Search Results for TOPIC: (oil spill gulf). The page displays 9 search results. The left sidebar includes 'Refine Results' with filters for Publication Years, Web of Science Categories, Document Types, Organizations-Enhanced, Funding Agencies, Open Access, and Authors. The main content area shows a list of search results with options to view full text or abstracts. The top right features a 'Create Citation Report' button and 'Analyze Results' options.

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.

Web of Science | InCites | Journal Citation Reports | Essential Science Indicators | EndNote | Publons | Sign In | Help | English

Web of Science | Search | Search Results | My Tools | Search History | Marked List

Full Text Options | Look Up Full Text | Save to EndNote online | Add to Marked List

Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates

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Abstract
 Recent transport experiments in the original cuprate high temperature superconductor, La₂xBaxCuO₄, 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 La₂xBaxCuO₄ 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+delta}.

Keywords
 KeyWords Plus: HIGH-T-C; HIGH-TEMPERATURE SUPERCONDUCTORS; DOPED ANTIFERROMAGNETS; NEUTRON-SCATTERING; PHASE-SEPARATION; UNDERDOPED BI2SR2CAJU2O8+DELTA; TRANSPORT-PROPERTIES; II SUPERCONDUCTORS; MAGNETIC ORDER; SO(5) THEORY

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Citation Network

116 Times Cited
 157 Cited References
[View Related Records](#)
[Create Citation Alert](#)
 (data from Web of Science Core Collection)

All Times Cited Counts
 116 in All Databases
 116 in Web of Science Core Collection
 5 in BIOSIS Citation Index
 1 in Chinese Science Citation Database
 0 in Data Citation Index
 0 in Russian Science Citation Index
 0 in SciELO Citation Index

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

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

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