

## What is Web of Science Core Collection?

Search over 55 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.

### GENERAL SEARCH

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

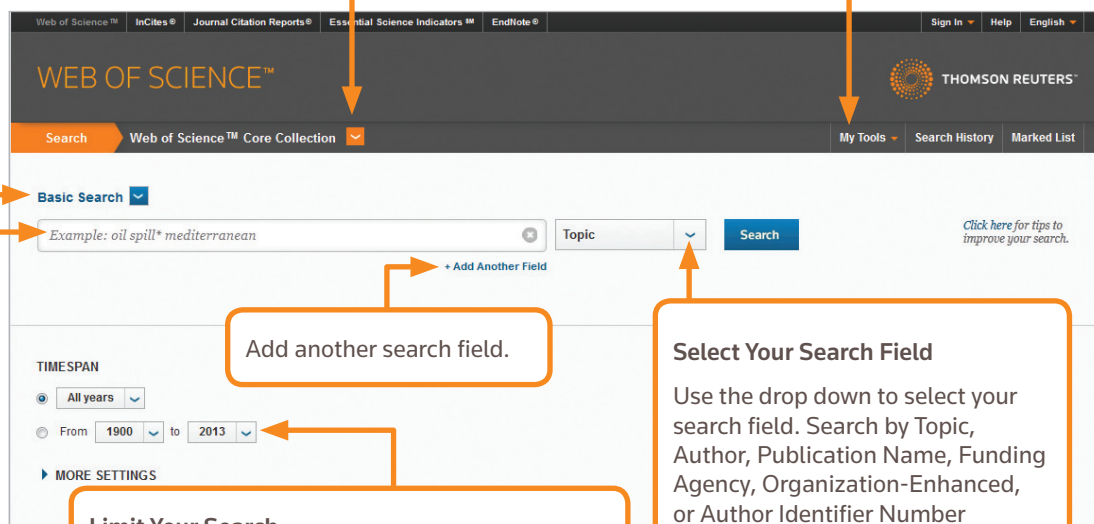
Use "My Tools" to move to your Saved Searches, EndNote online account, or ResearcherID.

Click the arrow to choose another search option:

- Basic
- Advanced
- Cited Reference Search
- Author Search

#### Search

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



Add another search field.

#### Select Your Search Field

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

#### 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 terms

Use **OR** to find records containing any of the 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, Source or First Author 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.

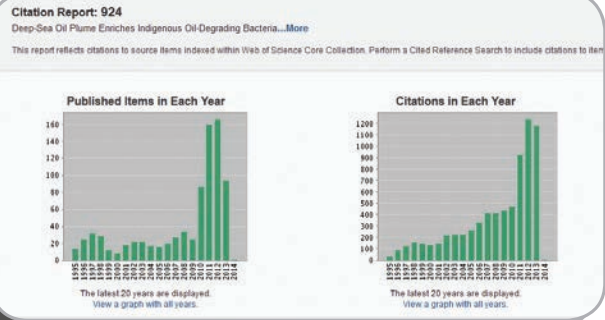
Refine your results

Use Refine Results to mine your full set of results to find the top 100 Subject Categories, Source Titles, Publication Years, Authors, or Funding Agencies.

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 displays the Web of Science search results interface. At the top, it shows 'Results: 924' and 'You searched for: TOPIC: (oil spill gulf) ...More'. Below this, there are buttons for 'Create Alert', 'Save to EndNote online', and 'Add to Marked List'. The main list of results includes titles like 'Deep-Sea Oil Plume Enriches Indigenous Oil-Degrading Bacteria' and 'Organic geochemistry applied to environmental assessment after the Exxon Valdez oil spill - A review'. Each result has options for 'Full Text' and 'View Abstract'. On the left, the 'Refine Results' sidebar allows filtering by categories like 'Environmental Sciences', 'Marine Freshwater Biology', and 'Engineering Environmental'. At the bottom, there are sorting and pagination options.

Output search results

Export to bibliographic management tools like EndNote®, save as text, email, or add up to 5,000 records to your temporary Marked List.

SEARCH RESULTS

Fields in a TOPIC search

Title

All titles are indexed as published.

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 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.

Author Identifiers

ResearcherIDs and ORCID IDs are searchable and displayed when available. ResearcherIDs are harvested from public profiles at [www.researcherid.com](http://www.researcherid.com).

Funding Information

Funding agency, grant numbers, and the funding acknowledgement text is searchable (2008 to present).

Link to full text and/or library holdings information.

Citation Network

- Cited References
- Times Cited Counts
- Citation Mapping
- 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, and SciELO) are displayed on each record. Counts reflect all correct citations and are not limited by your subscription.

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.

**Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates**  
 By: Berg, E (Berg, Ericz)<sup>1</sup>; Fradkin, E (Fradkin, Eduardo)<sup>2</sup>; Kivelson, SA (Kivelson, Steven A)<sup>1,3</sup>; Triguera, JM (Triguera, John M)<sup>1</sup>

NEW JOURNAL OF PHYSICS  
 Volume: 11  
 Article Number: 115004  
 DOI: 10.1088/1367-2630/11/11/115004  
 Published: NOV 4 2009  
 View Journal Information

**Abstract**  
 Recent transport experiments in the original cuprate high temperature superconductor crossovers that give rise to a form of dynamical dimensional reduction, in which a transition from a superconducting order is spatially modulated, so that its volume average value is sketch the order parameter theory of the state, stressing some of the ways in which superconductor, especially concerning its response to quenched randomness. We focus on a model of interacting electrons in which spin oscillations of the superconducting state to experiments in other cuprates, including recent optical studies of La<sub>2-x</sub> underdoped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6-x</sub> and a host of anomalies seen in STM and ARPES studies.

**Keywords**  
 KeyWords Plus: HIGH-T-C; HIGH-TEMPERATURE SUPERCONDUCTORS; DOPE SEPARATION; UNDERDOPED Bi2Sr2CaCu2O8+DELTA; TRANSPORT-PROPERTIES

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Fradkin, Eduardo	B-5612-2013 View profile at ResearcherID.com	

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 Times Cited in Web of Science Core Collection: 54

**Citation Network**  
 54 Times Cited  
 157 Cited References  
 View Related Records  
 View Citation Map  
 Create Citation Alert  
 (data from Web of Science™ Core Collection)

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

**Most Recent Citation**  
 Cai, Rong-Guo. Competition and coexistence of order parameters in holographic multi-band superconductors. CHINESE JOURNAL OF HIGH ENERGY PHYSICS, SEP 13 2013.  
 View All

This record is from:  
 Web of Science™ Core Collection

**Suggest a correction**  
 If you would like to improve the quality of the data in this record, please suggest a correction.

**Cited References: 157**  
 Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates

1. Spatially modulated "Mottness" in La<sub>2-x</sub>BaCuO<sub>4</sub>  
 By: Abbatema, P; Ruffini, A; Smailic, S; et al.  
 NATURE PHYSICS, Volume 1 Issue 3 Pages: 155-158 Published: DEC 2005  
 Times Cited: 167 (from Web of Science Core Collection)
2. Crystal growth, transport properties, and crystal structure of the single-crystal La<sub>2-x</sub>BaCuO<sub>4</sub> (x=0.11)  
 By: Adachi, T; Hig, T; Kohke, Y  
 PHYSICAL REVIEW B, Volume 64 Issue 14 Article Number: 14024 Published: OCT 1 2001  
 Times Cited: 42 (from Web of Science Core Collection)
3. Dislocations and vortices in pair-density-wave superconductors  
 By: Agarberg, D F; Tsunetsugu, H  
 NATURE PHYSICS, Volume 4 Issue 8 Pages: 639-642 Published: AUG 2008  
 Times Cited: 44 (from Web of Science Core Collection)
4. Incommensurability and unconventional superconductor to insulator transition in the Hubbard model with bond-charge interaction  
 By: Aigo, A A; Arifski, A; Arachis, L; et al.  
 PHYSICAL REVIEW LETTERS, Volume 99 Issue 20 Article Number: 205401 Published: NOV 16 2007  
 Times Cited: 15 (from Web of Science Core Collection)
5. The physics behind high-temperature superconducting cuprates: the 'plain vanilla' version of RVB  
 By: Anderson, PW; Lee, PA; Randeni, M; et al.  
 JOURNAL OF PHYSICS: CONDENSED MATTER, Volume 16 Issue 24 Pages: R755-R769 Article Number: P1 8093-8984(4)80844-1 Published: JUN 23 2004  
 Times Cited: 299 (from Web of Science Core Collection)
6. Electrical resistivity anisotropy from self-organized one dimensionality in high-temperature superconductors  
 By: Ando, Y; Segawa, K; Komiya, S; et al.  
 PHYSICAL REVIEW LETTERS, Volume 88 Issue 13 Article Number: 137005 Published: APR 1 2002  
 Times Cited: 236 (from Web of Science Core Collection)
7. Mechanism of high-temperature superconductivity in a striped Hubbard model  
 By: Aragoni, E; Fradkin, E; Kivelson, SA  
 PHYSICAL REVIEW B, Volume 69 Issue 21 Article Number: 214519 Published: JUN 2004  
 Times Cited: 48 (from Web of Science Core Collection)

## CITED REFERENCE SEARCH

**Step One**

- Use the drop down arrow to 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.

**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.

**Step Two**

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

Select	Cited Author	Cited Work [SHOW EXPANDED TITLES]	Year	Volume	Issue	Page	Identifier	Citing Articles **	View Record
<input checked="" type="checkbox"/>	Anand, K + [Show all authors]	SCIENCE	2003	300	5626	1763	10.1126/science.1085658	387	View Record In Web of Science Core Collection
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	2003	5626					
<input type="checkbox"/>	ANAND K	SCIENCE	2003	300					
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	2003	13					
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	2003						
<input checked="" type="checkbox"/>	ANAND K	SCIENCE 0513	2003						
<input checked="" type="checkbox"/>	ANAND K	SCIENCE 1305	2003						
<input checked="" type="checkbox"/>	ANAND K	SCIENCEEXPRESS	2003					1	

### 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

### 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: [wokinfo.com](http://wokinfo.com)

Contact the Technical Help Desk for your region at:  
[ip-science.thomsonreuters.com/support/](http://ip-science.thomsonreuters.com/support/)

Contact the education team at:  
[ip-science.thomsonreuters.com/info/contacttraining/](http://ip-science.thomsonreuters.com/info/contacttraining/)

For ongoing recorded and live Web-based training:  
[wokinfo.com/training\\_support/training/](http://wokinfo.com/training_support/training/)

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