

# WEB OF SCIENCE<sup>SM</sup>



## WHAT IS WEB OF SCIENCE?

Search over 12,000 journals and 120,000 conference proceedings across the sciences, social sciences, and arts and humanities to find the high quality research most relevant to your area of interest. Link between relevant research using the cited references and explore the subject connections between articles that are established by the expert researchers working in your field.

## GENERAL SEARCH

### Search

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

Select AND, OR, NOT to change the relationship between search fields.

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, or ResearcherID Number.

### Support, Tools, Tips

#### Training & Support

- Download quick Recorded Training
  - Access additional Training Resources
  - More questions? Consult the Help files.
- What's new in Web of Knowledge?**
- Researcher ID is now searchable from within Web of Science.
  - Automatic spelling variations and

### Change your search settings

Change your file depth, select which indexes you want to search, and turn Lemmatization off.

### Customize Your Experience

#### Sign In | Register

- Save and manage your references online with *EndNote Web* – freely available and fully integrated.
- Save and run searches
- Choose your start page
- Want to know more?

#### My ResearcherID

- What is ResearcherID?
- Researcher ID numbers are now searchable from within Web of



## 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)

## Stemming, Stop Words, and Spelling Variants

All words are searched (no Stop Words )

British/English spellings are searched automatically (search behavior to find both behavior and behaviour)

**Lemmatization** automatically helps find variations by stemming for plurals (even complex plurals like tooth/teeth) and searching different verb tenses (run/running) and degrees of comparison (big finds bigger and biggest). Lemmatization can be turned off by enclosing terms in quotation marks.

## Wild Card Characters

Use truncation for more control of the retrieval of plurals and variant spellings with Lemmatization turned off.

**\*** = 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**.

## Parentheses

Use parentheses to group compound Boolean statements. For example:

**(river or stream or pond) and ("waste water" or pollution)**

## 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.

# FULL RECORD

## Titles

Full titles are indexed and searchable.

## Authors

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

## Cited Reference

Click on the Cited Reference number to move to the Cited Reference view of this record.

## 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.

## Addresses

All author addresses are indexed and searchable. Reprint author e-mail addresses are listed when available. Common address terms will be truncated (Univ, Coll, Hosp, etc.).

## Funding Information

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

## ResearcherID

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

Link to full text and/or library holdings information.

The screenshot shows a Web of Science record page. At the top, there are navigation tabs for 'All Databases', 'Select a Database', 'Web of Science', and 'Additional Resources'. Below this is a search bar and several search options: 'Search', 'Author Finder', 'Cited Reference Search', 'Advanced Search', and 'Search History'. The main title of the record is 'Monoamine oxidase inactivation: From pathophysiology to therapeutics'. Below the title, the author(s) are listed as 'Bortolato, M (Bortolato, Marco)<sup>1</sup>; Chen, K (Chen, Kevin)<sup>1</sup>; Shih, JC (Shih, Jean C.)<sup>1,2</sup>'. The source information includes 'ADVANCED DRUG DELIVERY REVIEWS Volume: 60 Issue: 13-14 Pages: 1527-1533 DOI: 10.1016/j.addr.2008.06.002 Published: OCT-NOV 2008'. The 'Times Cited' count is 24 (from Web of Science). The 'Abstract' section provides a detailed summary of the research. The 'Author Keywords' and 'KeyWords Plus' are listed below the abstract. The 'Addresses' section lists two addresses for the authors. The 'Funding' section includes a table with columns for 'Funding Agency' and 'Grant Number', showing entries for NIMH with grant numbers R01MH67968 and R37MH39085. The 'Publisher' is Elsevier Science Bv, and the 'Subject Category' is Pharmacology & Pharmacy. The 'IDS Number' is 363LM and the 'ISSN' is 0169-4095. On the right side of the page, there is a 'Times Cited: 26' section, a 'Related Records' section, and an 'Additional Information' section.

## Times Cited Counts

Times cited counts for the *Web of Science*<sup>SM</sup> (all editions) and *Web of Knowledge*<sup>SM</sup> (including *Web of Science*, *Biosis Citation Index*, and *Chinese Science Citation Database*) are displayed on each record. Counts reflect all correct citations and are not limited by your subscription.

# CITED REFERENCES

All cited references are indexed and searchable via Cited Reference Search. Click the "References" link on the full record to move to the cited reference view.

## Related Records

Click Related Records to find other articles that have cited the same works.

Click the article title to move to a full record.

## Unlinked References

Reference that are not linked to full records will display in plain text and include:

- Citations to documents not indexed in Web of Science
- Citations to Journal Articles outside of your subscription year
- Citation variants

Cited References will display current times cited count in the Web of Science and links to full text when available.

# SEARCH RESULTS SUMMARY

Sort results by publication date (default), times cited, source or first author name.

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

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

Output search results Export to bibliographic management tools like EndNote®, EndNote® Web, or Reference Manager®. Or save as text, email, or add up to 5,000 records to your temporary Marked List.

# CITED REFERENCE SEARCH

All Databases | Select a Database | Web of Science | Additional Resources

Search | Author Finder | Cited Reference Search | Advanced Search | Search History

**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 volume, issue, or page in combination with other fields may reduce the number of cited reference variants found.

anand k\* in Cited Author  
Example: O'Brian C\* OR OBrian C\*

science\* in Cited Work  
Example: J Comp\* Appl\* Math\* (journal abbreviation list)

in Cited Year(s)  
Example: 1943 or 1943-1945

Add Another Field >>

Search Clear Searches must be in English

Current Limits: (To save these permanently, sign in or register.)

Timespan

All Years (updated 2011-02-15)

From 1898 to 2011 (default is all years)

Citation Databases: Science Citation Index Expanded (SCI-Index (A&HCI)); Conference Proceedings Citation Index- Science (CPCI-SSH)

## Step One

Search by 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** (Find the articles that cite a person's work)

**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 - 11 of 11

Select Page | Select All\* | Clear All | Finish Search

Select References	Cited Author	Cited Work [SHOW EXPANDED TITLES]	Year	Volume	Page	Article ID	Citing Articles **	View Record
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	2003	5626	1763		1	
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	2003	300	1463		1	
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	1000				1	
<input checked="" type="checkbox"/>	ANAND K	SCIENCE 0513	2003				2	
<input checked="" type="checkbox"/>	ANAND K	SCIENCE 1305	2003				1	
<input checked="" type="checkbox"/>	ANAND K	SCIENCEEXPRESS	2003				1	
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	2003	13	13		1	
<input checked="" type="checkbox"/>	ANAND K	SCIENCE	2003				3	
<input checked="" type="checkbox"/>	Anand, K	SCIENCE	2003	300	1763	10.1126/science.1085658	328	View Record
<input type="checkbox"/>	Jha, Anand K	SCIENCE	2010	329	662	10.1126/science.1190523	1	View Record
<input type="checkbox"/>	Vervoort, VS	SCIENCE	2002	296	2401		75	View Record

Select Page | Select All\* | Clear All | Finish Search

Restrict results by any or all of the options below:

All languages: English, Afrikaans, Arabic

All document types: Article, Abstract of Published Item, Art Exhibit Review

View the Full Record

## Search Tips:

- Use truncation on cited author 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 – 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 Knowledge*. Keep in mind that a search of this sort may only return partial results.

# CITATION MAPPING

[Full Text](#) [S-F-X](#) [Print](#) [E-mail](#) [Add to Marked List](#) [Save to EndNote Web](#) [Save to EndNote, RefMan, ProCite](#) [Save to RefWorks](#) more options

**Nitrous oxide and carbon dioxide fluxes from a bare soil using a micrometeorological approach**  
**Author(s):** [Anonymous]  
**Source:** JOURNAL OF ENVIRONMENTAL QUALITY **Volume:** 25 **Issue:** 4 **Pages:** 898-907 **Published:** JUL-AUG 1996  
**Times Cited:** 37 (from Web of Science)  
**Cited References:** 40 [view related records] [Citation Map](#)  
**Abstract:** Increasing atmospheric carbon dioxide (CO2) and nitrous oxide (N2O) levels have prompted research on management of the soil C and N pools. The impact of C and N fertilizer addition on N2O and CO2 field emissions is not clear. We determined N2O and CO2 fluxes from a 1-ha bare soil plot using

## Citation map

Click the button to create a citation map. A citation map will allow you to explore up to two generations of backward and forward citations.

## Change the appearance

of your map by adjusting the color, order, and text displayed on each node.

## Navigate in your map

Click and drag a node to move your map. Roll over a node to display additional publication information. The panels at the bottom of your map display an overview of your selected node and a list of all the records in the map.

**Record details for the nodes are displayed below (double-click a node to show its details). Click a checkbox below to locate that node above.**

Primary Author	Journal Name	Article Title
<input type="checkbox"/> [Anonymous]	1996-JOURNAL OF ENVIRONMENTAL QUALITY	Nitrous oxide and carbon di...
<input type="checkbox"/> PHILIP, JR	1963-JOURNAL OF GEOPHYSICAL RESEARCH	THEORY OF HEAT FLUX METERS
<input type="checkbox"/> WEBB EK	1965-METEOROL MONOGR	(article title not available)
<input type="checkbox"/> PAULSON CA	1970-J APPL METEOROL	(article title not available)
<input type="checkbox"/> CRUTZEN, PJ	1970-QUARTERLY	INFLUENCE OF NITROGEN OXIDES O...

**Number / Title** WOS: A1996JQ55900063 / Nitrous oxide and carbon dioxide fluxes from a bare soil using a micrometeorological approach  
**Journal Title** JOURNAL OF ENVIRONMENTAL QUALITY  
**Publication Year** 1996  
**Source Abbreviation** J ENVIRON QUAL  
**Volume** 25  
**Page** 898-907

# CITATION REPORTS

**Results** Author:(marra ma)  
 Timespan:All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

Results: 172 Page 1 of 18 Sort by: Times Cited - highest to lowest

**Refine Results**  
 Search within results for: Search  
 Subject Areas: GENETICS HEREDITY (75), BIOCHEMISTRY MOLECULAR BIOLOGY (81), BIOTECHNOLOGY APPLIED

**View Distinct Author Sets for marra ma**  
 The Distinct Author Set feature is a discovery tool showing sets of papers likely written by the same person. (Tell me more)

1. Title: [Initial sequencing and analysis of the human genome](#)  
 Author(s): Lander ES, Linton LM, Birren B, et al.  
 Group Author(s): Int Human Genome Sequencing Conso  
 Source: NATURE Volume: 409 Issue: 6822 Pages: 860-921 DOI: 10.1038/35057062 Published: FEB 15 2001  
 Times Cited: 8,067 (from Web of Science)

## Create a citation report

for search results sets with fewer than 10,000 results. Click the link at the top right of a results summary page, or create a citation report from the Marked List.

## Citation Reports can provide useful productivity and performance metrics for a set of results

- publications per year
- citations per year
- H-index ( $N$  records with at least  $N$  citations)
- Total Citations for all documents
- Average cites per item
- Number of unique citing articles

**Web of Science®**  
 Citation Report Author:(marra ma)  
 Timespan:All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

This report reflects citations to source items indexed within Web of Science. Perform a Cited Reference Search to include citations to items not indexed within Web of Science.

**Published Items in Each Year**

The latest 20 years are displayed. View a graph with all years.

**Citations in Each Year**

**Results found: 172**

**Sum of the Times Cited [?]: 15921**

**Citing Articles [?]: 14639**

**Average Citations per Item [?]: 92.56**

**h-index [?]: 41**

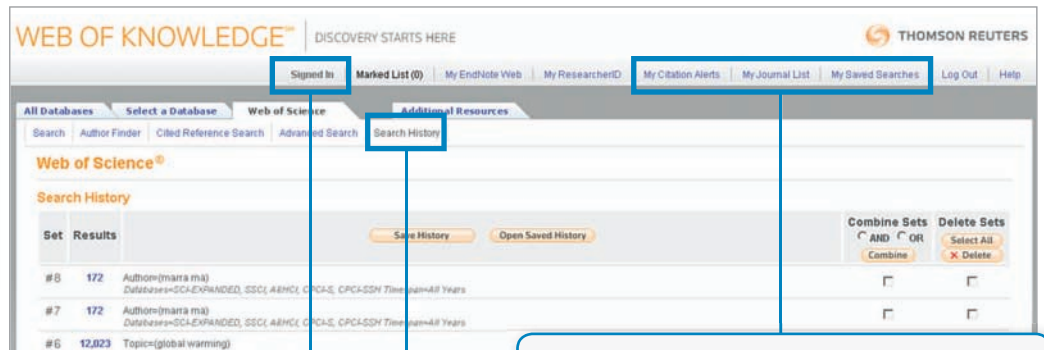
Results: 172 Page 1 of 18 Sort by: Times Cited - highest to lowest

Year	2007	2008	2009	2010	2011	Total
Sum of Times Cited	1586	1740	1754	1911	286	15921
Citing Articles	640	632	612	509	67	8067
Average Citations per Item	100	79	58	38	5	907

## PERSONALIZE

### Create a *Web of Knowledge* Profile to

- Save searches
- Create Search Alerts
- Create Citation Alerts
- Establish an *Endnote Web* Library
- Create a *ResearcherID* profile



Click "Sign In" to register for a Web of Knowledge Profile

Click "Search History" to view your entire search history.

Click "My Citation Alerts" or "My Saved Searches" to manage your searches and alerts\*

- Run any saved search
- Renew alerts (24 weeks for Search Alerts, one year for Citation Alerts.)
- Change your alert settings
- Set an RSS Feed

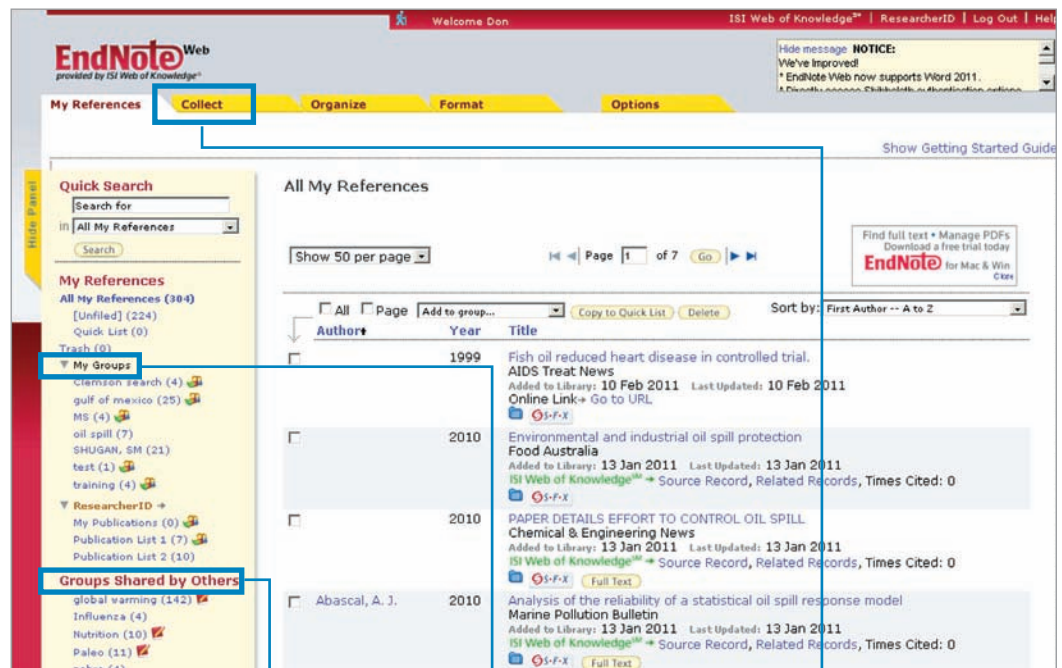
\*Search Alerts will be based on the last query in your search history and will remain active for 24 weeks. You will be notified two weeks before an alert expires. Expired alerts will remain in your profile as saved searches until you delete.

## MANAGE RESULTS

### EndNote Web

Save up to 10,000 references in your personal *EndNote Web* library. With *EndNote Web* you can collect references from online databases and library catalogs from around the world. References imported from the *Web of Knowledge* will remain marked with an *EndNote Web* icon for as long as the record is in your library.

Use *EndNote Web's* powerful Cite While You Write tools to add references and format bibliographies in documents you are writing. Once you have created an *EndNote Web* library you can access it at any time, either from your *Web of Knowledge* profile or by going to [www.myendnoteweb.com](http://www.myendnoteweb.com) and entering your *Web of Knowledge* User ID and Password. *EndNote Web* can also be fully integrated with the *EndNote* resource.



**Share**

Share your reference groups with any *EndNote Web* User

**Organize**

Use "Groups" to organize your library.

**Collect**

Go to "Collect" to start searching Library Catalogs from around the world.

## ResearcherID

*ResearcherID* is your free, public online space to establish a unique *ResearcherID* number and create a personal profile. Your *ResearcherID* profile can include information about your institutional affiliations, research interests, and a list of your publications. Publication information from the *Web of Science* will have live citation information (updated weekly) and include direct links back to the source record. Once you have added your publications, to your *ResearcherID* profile, your unique *ResearcherID* number will be automatically associated with your publications in the *Web of Science*, creating a direct link from the *Web of Science* record to your *ResearcherID* profile.

**ResearcherID**  
A Global Community Where Researchers Connect

Home Login Search EndNote Web >

**Tranquada, John M** [Return to Search Page](#) [R Get a Badge](#) [ResearcherID](#) [Labs](#)

ResearcherID: **A-9832-2009**  
URL: <http://www.researcherid.com/rid/A-9832-2009>  
Subject: **Materials Science; Physics**  
Keywords: **high-temperature superconductors; neutron scattering; stripes**

**My Institutions (more details)**  
Primary Institution: **Brookhaven National Laboratory, BNL**  
Sub-org/Dept:  
Role: **Researcher (Non-Academic)**

**Publications**  
My Publications (176)  
[View Publications](#) ▶  
[Citation Metrics](#)

**Publication List: View**  
176 publication(s) Page 1 of 18 Go Results per page: 10  
Sort by: Times Cited

- Title: [EVIDENCE FOR STRIPE CORRELATIONS OF SPINS AND HOLES IN COPPER-OXIDE SUPERCONDUCTORS](#) added: 05-Apr-09  
Author(s): TRANQUADA, JM, STERNLIEB, BJ, AVE, JD, et al.  
Source: NATURE Volume: 375 Issue: 6532 Pages: 561-563 Published: JUN 15 1995  
Times Cited: 1808
- Title: [How to detect fluctuating stripes in the high-temperature superconductors](#) added: 05-Apr-09  
Author(s): KIVELSON, SA, BINDLOSS, IP, FRADKIN, E, et al.  
Source: REVIEWS OF MODERN PHYSICS Volume: 75 Issue: 4 Pages: 1201-1241 Published: OCT 2003  
Times Cited: 549
- Title: [NEUTRON-DIFFRACTION DETERMINATION OF ANTIFERROMAGNETIC STRUCTURE OF CU IONS IN YBA2CU3O6-x WITH x=0.0 AND 0.15](#) added: 05-Apr-09

Click the "Citation Metrics" link to view citation metrics like the H-index and average citations per record for the records included in the *ResearcherID* profile.

### 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 the Web of Knowledge at: [wokinfo.com](http://wokinfo.com)

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

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

For ongoing recorded and live Web-based training, visit:  
[thomsonreuters.com/products\\_services/science/training/](http://thomsonreuters.com/products_services/science/training/)

### Science Head Offices

#### Americas

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+1 215 386 0100

#### Europe, Middle East and Africa

London +44 20 7433 4000

#### Asia Pacific

Singapore +65 6775 5088  
Tokyo +81 3 5218 6500

For a complete office list visit:  
[science.thomsonreuter.com/contact](http://science.thomsonreuter.com/contact)

