QUICK REFERENCE GUIDE

WEB OF SCIENCE℠

WHAT IS *WEB OF SCIENCE*?

Search over 12,000 journals and 148,000 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.

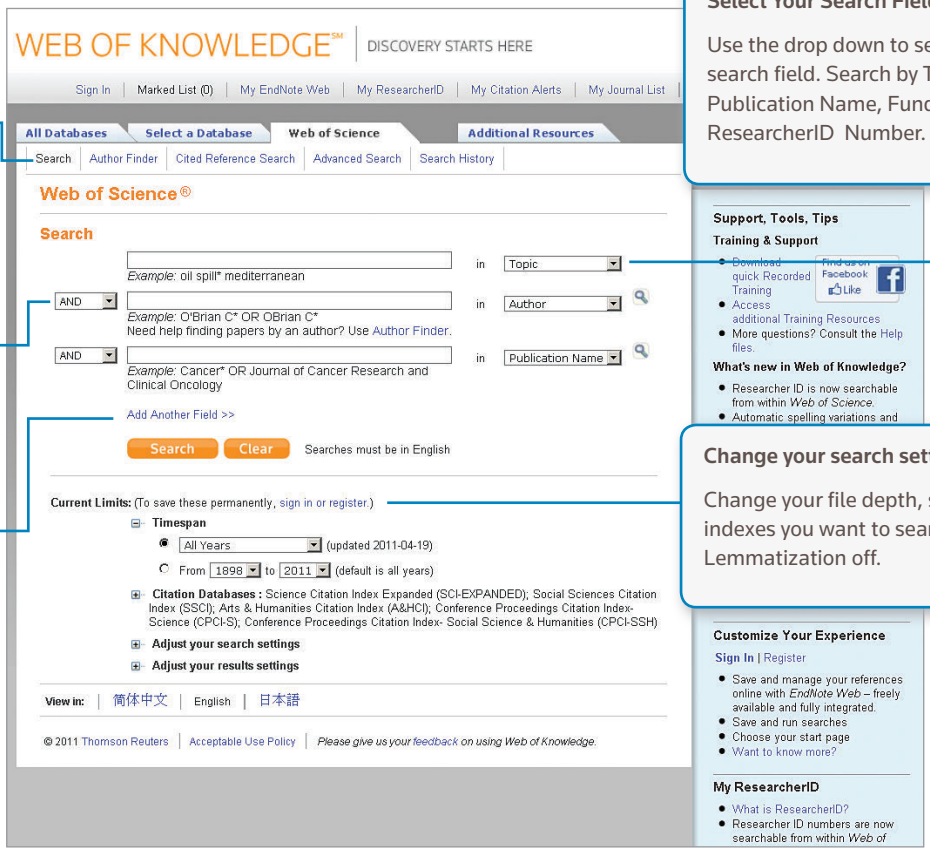
GENERAL SEARCH

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.

Change your search settings

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

THOMSON REUTERS™

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**.

Link to full text and/or library holdings information.

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

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

Web of Science®

<< Back to results list | Record 7 of 347 | Record from Web of Science®

Full Text | Full Text | Links | NCBI | Carleton College OPAC | Go

Print | E-mail | Add to Marked List | Save to EndNote® Web | Save to EndNote®, RefMan, ProCite | Save to RefWorks | more options

Monoamine oxidase inactivation: From pathophysiology to therapeutics

Author(s): Bortolato, M (Bortolato, Marco)[1]; Chen, K (Chen, Kevin)[1]; Shih, JC (Shih, Jean C.)[1,2]

Source: ADVANCED DRUG DELIVERY REVIEWS Volume: 60 Issue: 13-14 Pages: 1527-1533 DOI: 10.1016/j.addr.2008.06.002 Published: OCT-NOV 2008

Times Cited: 24 (from Web of Science)

Cited References: 94 [view related records] Citation Map

Abstract: Monoamine oxidases (MAOs) A and B are mitochondrial bound isoenzymes which catalyze the oxidative deamination of dietary amines and monoamine neurotransmitters, such as serotonin, norepinephrine, dopamine, beta-phenylethylamine and other trace amines. The rapid degradation of these molecules ensures the proper functioning of synaptic neurotransmission and is critically important for the regulation of emotional behaviors and other brain functions. The byproducts of MAO-mediated reactions include several chemical species with neurotoxic potential, Such as hydrogen peroxide, ammonia and aldehydes. As a consequence, it is widely speculated that prolonged excessive activity of these enzymes may be conducive to mitochondrial damages and neurodegenerative disturbances.

In keeping with these premises, the development of MAO inhibitors has led to important breakthroughs in the therapy of several neuropsychiatric disorders, ranging from mood disorders to Parkinson's disease. Furthermore. the characterization of MAO knockout (KO) mice has revealed that the inactivation of this enzyme produces a number of functional and behavioral alterations, some of which may be harnessed for therapeutic aims. In this article, we discuss the intriguing hypothesis that the attenuation of the oxidative stress induced by the inactivation of either MAO isoform may contribute to both antidepressant and antiparkinsonian actions of MAO inhibitors. This possibility further highlights MAO inactivation as a rich source of novel avenues in the treatment of mental disorders. (C) 2008 Elsevier FIN. All rights reserved

Document Type: Review

Language: English

Author Keywords: Monoamine oxidase; Depression; Parkinson's disease; Oxidative stress

KeyWords Plus: A-DEFICIENT MICE; OBSESSIVE-COMPULSIVE DISORDER; POSTTRAUMATIC-STRESS-DISORDER; OXIDATIVE STRESS; AGGRESSIVE-BEHAVIOR; ANTIOXIDANT ENZYME; MAJOR DEPRESSION; DOUBLE-BLIND; HYPERACTIVITY DISORDER; NEUROLOGICAL DISORDERS

Reprint Address: Shih, JC (reprint author), Univ So Calif, Sch Pharm, Dept Pharmacol & Pharmaceut Sci, Rm 518,1985 Zonal Ave, Los Angeles, CA 90089 USA

Addresses:
1. Univ So Calif, Sch Pharm, Dept Pharmacol & Pharmaceut Sci, Los Angeles, CA 90089 USA
2. Univ So Calif, Keck Sch Med, Dept Cell & Neurobiol, Los Angeles, CA 90089 USA

E-mail Address: jcshih@usc.edu

Funding:

Funding Agency	Grant Number
NIMH	R01MH67968 R37MH39085

[Show funding text]

Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS

Subject Category: Pharmacology & Pharmacy

IDS Number: 363LM

ISSN: 0169-409X

Times Cited: 26

This article has been cited 26 times in Web of Knowledge.

Macedo, Ana. Pirlindole in the Treatment of Depression A Meta-Analysis. CLINICAL DRUG INVESTIGATION, 2011.

Zheng, Hailin. Selective Acetylcholinesterase Inhibitor Activated by Acetylcholinesterase Releases an Active Chelator with Neurorescuing and Anti-Amyloid Activities. ACS CHEMICAL NEUROSCIENCE, NOV 2010.

Huang, Yan-Hong. Genistein reduced the neural apoptosis in the brain of ovariectomised rats by modulating mitochondrial oxidative stress. BRITISH JOURNAL OF NUTRITION, NOV 2010.

[view all 26 citing articles]

Related Records:

Find similar Web of Knowledge records based on shared references.

[view related records]

Cited References: 94

View the bibliography of this record (from Web of Science®).

Citation Map

Additional information

- View the journal's Table of Contents (in Current Contents Connect®)
- View the journal's impact factor (in Journal Citation Reports®)

Times Cited Counts

Times cited counts for the Web of Science℠ (all editions) and Web of Knowledge℠ (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

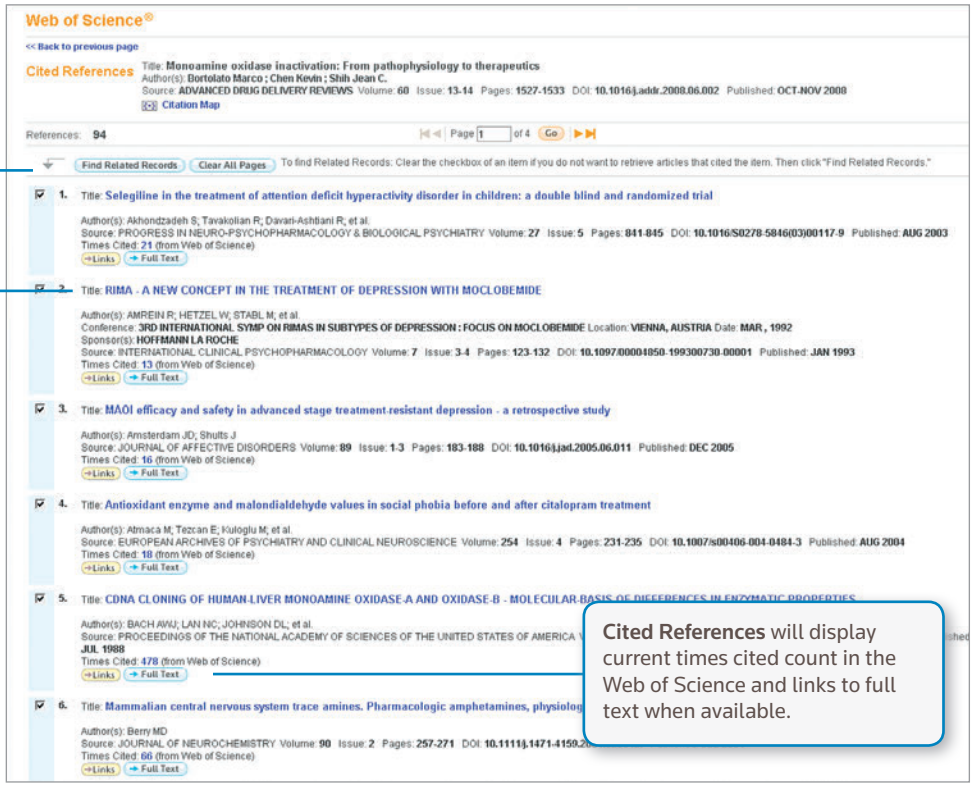
Click Related Records to find other articles that have cited the same works.

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)

View our Cited Reference Search tutorial.

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- Scie
Humanities (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

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

View our Cited Reference Search tutorial.

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

Page 1 of 1 Go

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
☑	ANAND K	SCIENCE	2003	5626	1763		1	
☑	ANAND K	SCIENCE	2003	300	1463		1	
☑	ANAND K	SCIENCE	1000				1	
☑	ANAND K	SCIENCE 0513	2003				2	
☑	ANAND K	SCIENCE 1305	2003				1	
☑	ANAND K	SCIENCEEXPRESS	2003				1	
☑	ANAND K	SCIENCE	2003	13	13		1	
☑	ANAND K	SCIENCE	2003				3	
☑	Anand, K	SCIENCE	2003	300	1763	10.1126/science.1085658	328	View Record
☐	...Jha, Anand K	SCIENCE	2010	329	662	10.1126/science.1190523	1	View Record
☐	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

Step Two

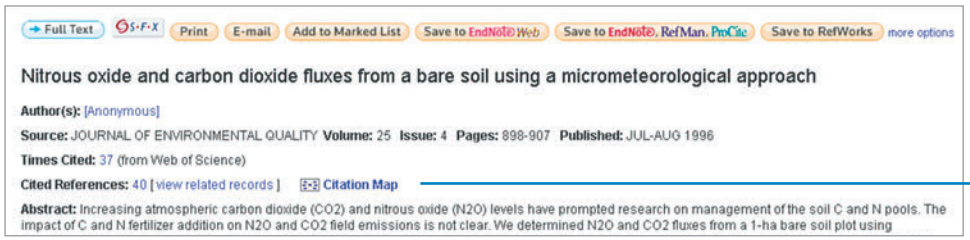
Select the references, including variants, to include in your search, then click "Finish Search" to display your search results.

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



Citation map

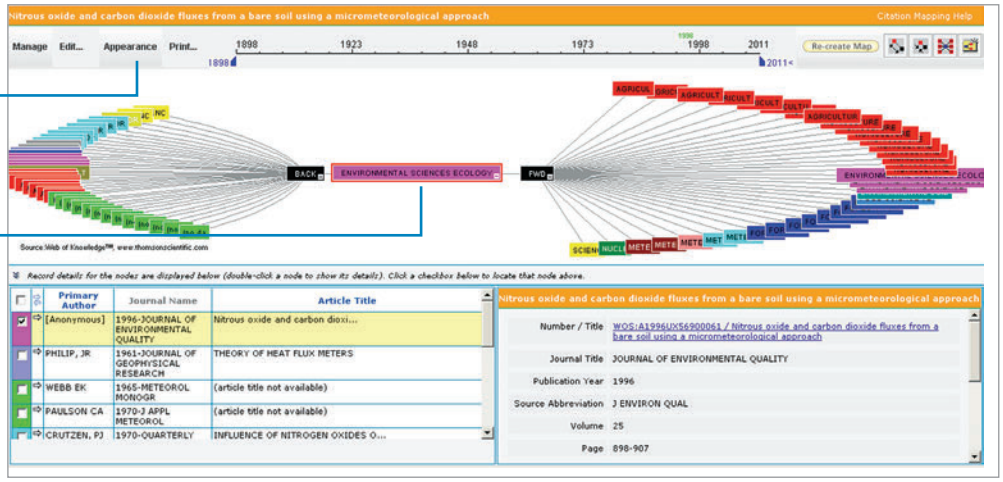
Click the button to create a citation map. A citation map will allow you to explore up to two generations of backward and forward citations.

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.



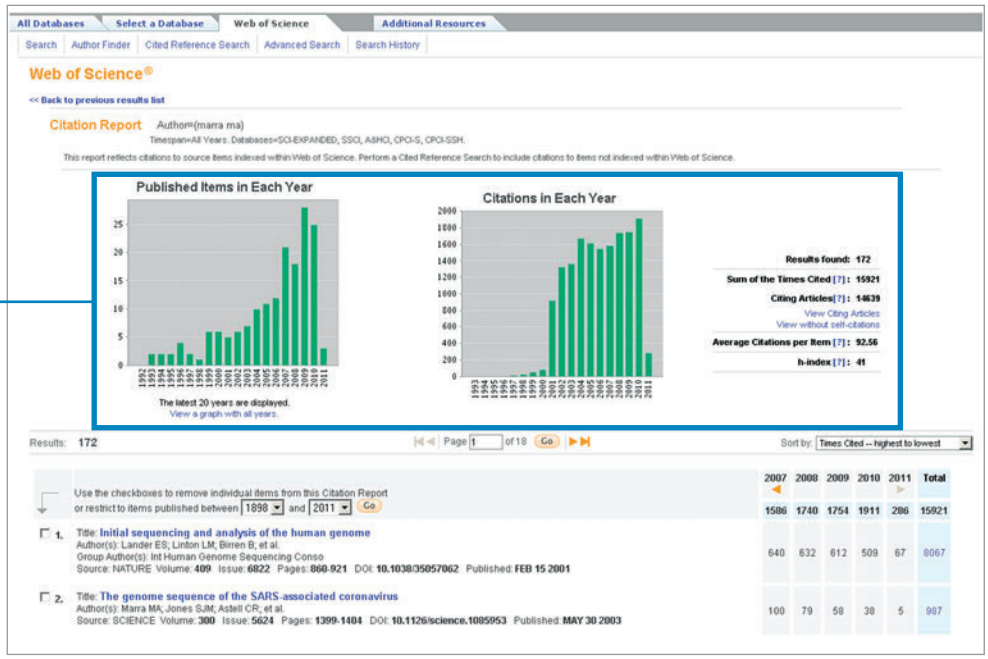
CITATION REPORTS

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

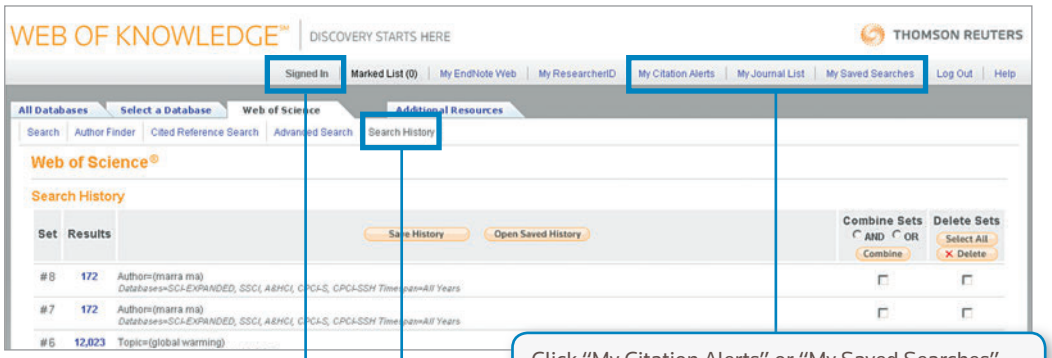
- publications per year
- citations per year
- H-index (*N* records with at least *N* citations)
- Total Citations for all documents
- Average cites per item
- Number of unique citing articles



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

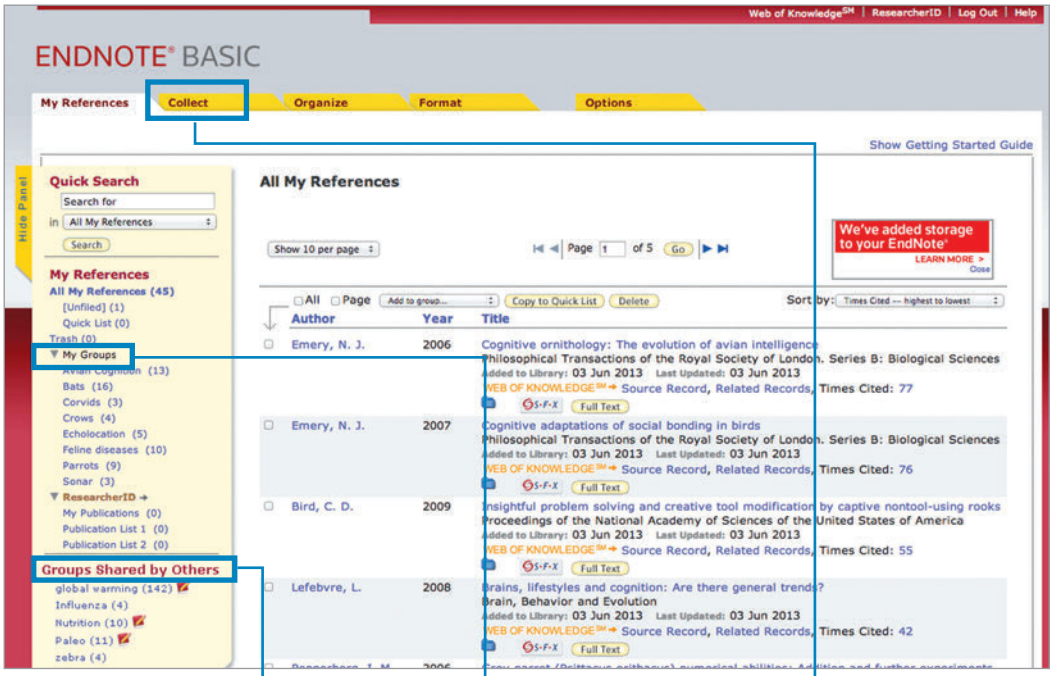
EndNote online

This online resource for reference management and bibliography creation is fully integrated with Web of Knowledge. Through this integration, Web of Knowledge references will automatically display their Times Cited Count, links to Related Records, and full-text links.

With EndNote online, you can collect, organize and manage references and PDFs from online databases and library catalogs from around the world.

Use EndNote's powerful **Cite While You Write** tools to add references and format bibliographies in documents you are writing.

You can access your library any time, either from your Web of Knowledge profile or by going to **my.endnote.com** and entering your Web of Knowledge User ID and Password.



Share

Share your reference groups with other EndNote users.

Organize

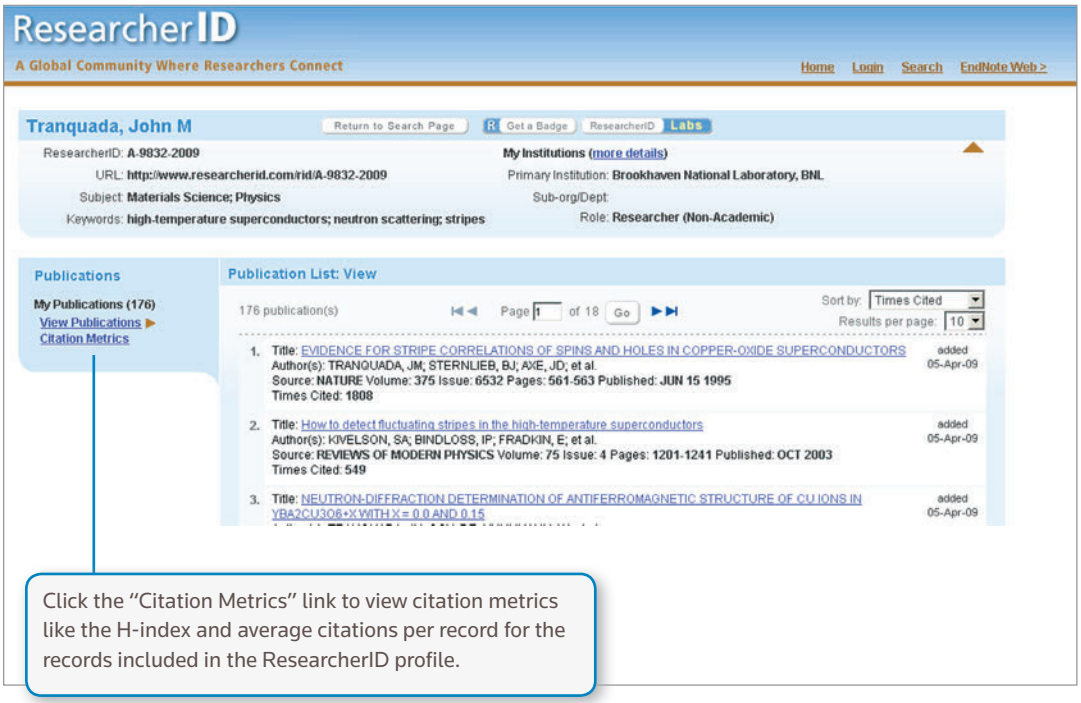
Use "Groups" to organize your library.

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.



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**

Contact the Technical Help Desk for your region at:
science.thomsonreuters.com/support/

Contact the education team at:
science.thomsonreuters.com/info/contacttraining/

For ongoing recorded and live Web-based training, visit:
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