



New Features Update

Web of Knowledge: Discovery Starts Here

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THOMSON REUTERS

New Features/Enhancements

- Search Features
- Roaming and Access via Mobile Devices
- Managing Results
- Author Identification
- Citation Counts

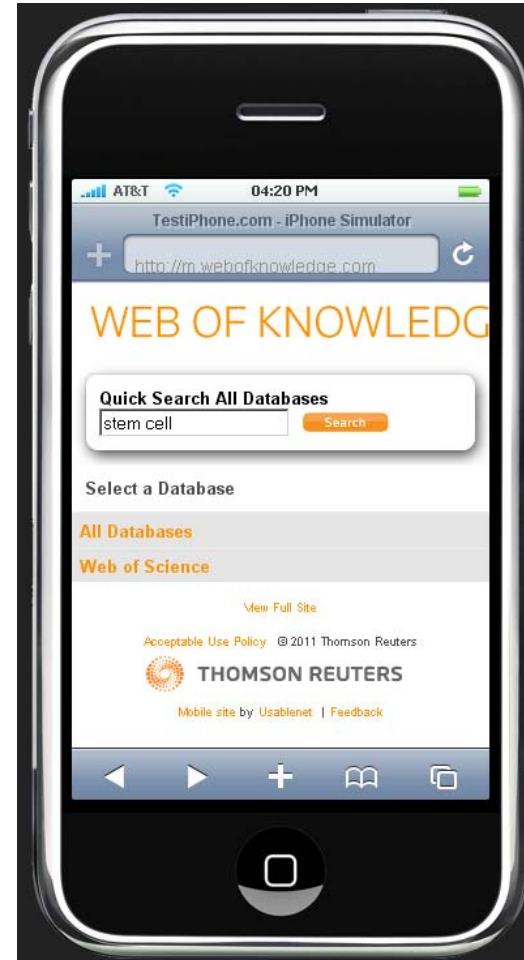
What's New? : Search features

- All terms are searched in Topic field – no stop words
 - Search “vitamin **a**”, “**down** syndrome”, etc.
- Lemmatization – automatically helps find variations
 - Stemming for plurals, verb tenses, degrees of comparison (tooth/teeth; run/ran/running)
- British/US spelling variations (behavior/behaviour)
- NEAR/x operator (oil near/5 spill)
- Web of Science New Search Features
 - Cited Reference Search – now search Volume, Page, or Issue number (+ direct links to records from hosted content)
 - Search full words in Address field (University, College, etc)
 - Search Author Name as published (for records from 2007+)



What's New? : Mobile and Remote Access

- Mobile devices
 - Search the Web of Knowledge from a mobile device
 - **m.webofknowledge.com**
- Access outside of institutional network
 - 6 months roaming access outside of institutional IP range
 - **webofknowledge.com**
 - Log in using Web of Knowledge profile credentials



What's New? : Managing Results

- All results returned – no record limit
 - Sort, Refine, and Analyze all results
- Results sorted by Publication Date
- Abstract preview
- Export all results from Analyze
- Export Citation Reports directly to Excel
- Marked List upgrades
 - Total List – combined list across databases
 - Supports up to 5,000 items
 - Analyze and Citation Report for Marked List items
 - Links to full text
 - View abstract preview



What's New? : Author Identification

- Direct Export to ResearcherID
- Searchable ResearcherID number field
 - Full integration with <http://www.researcherid.com>
 - ResearcherID number displayed on Web of Science record
 - Link from WoS Record to RID Profile
- Changes to Author Finder
 - Combines Distinct Author Sets clustering with Refine feature
 - Distinct author sets take “feedback” from ResearcherID

What's New? : Citation Counts

- See the full citation picture with citation data reported from:
 - Web of Science (including the Book Citation Index)
 - BIOSIS Citation Index
 - Chinese Science Citation Database
- All article citation counts include cites from all three sources
 - Links to view citing articles are dependent upon your subscription access
- For more information see our [“Citation Sources in the Web of Knowledge”](#) presentation
- Links to Web of Science Citing Articles, Cited References, Related Records in non-citation databases (e.g. Inspec, CABI, etc.)



Search Features: *no stop words*

The image shows two screenshots of the Web of Science search interface. The top screenshot displays the search input field with the query "vitamin a" and a dropdown menu set to "Title". The bottom screenshot shows a search result for a paper titled "Total and Mitochondrial Nitrosative Stress, Decreased Brain-Derived Neurotrophic Factor (BDNF) Levels and Glutamate Uptake, and Evidence of Endoplasmic Reticulum Stress in the Hippocampus of Vitamin A-Treated Rats".

Search Interface (Top Screenshot):

- Navigation: All Databases, Select a Database, Web of Science, Additional Resources
- Search Options: Search, Author Finder, Cited Reference Search, Advanced Search, Search History
- Search Input: "vitamin a" in Title
- Example: oil spill* mediterranean
- AND dropdown menu
- Example: O'Brian C* OR O
- Need help finding papers by
- Example: Cancer* OR Jour
- Add Another Field >>
- Buttons: Search, Clear

Search Result (Bottom Screenshot):

- Navigation: All Databases, Select a Database, Web of Science, Additional Resources
- Search Options: Search, Author Finder, Cited Reference Search, Advanced Search, Search History
- Record 2 of 24,634
- Buttons: Full Text, Links, NCBI, Print, E-mail, Add to Marked List, Save to EndNote Web, Save to EndNote, RefMan, ProCite, Save to RefWorks, more options
- Carleton College OPAC dropdown menu
- Go button
- Title: Total and Mitochondrial Nitrosative Stress, Decreased Brain-Derived Neurotrophic Factor (BDNF) Levels and Glutamate Uptake, and Evidence of Endoplasmic Reticulum Stress in the Hippocampus of Vitamin A-Treated Rats
- Author(s): de Oliveira, MR (de Oliveira, Marcos Roberto)¹; da Rocha, RF (da Rocha, Ricardo Fagundes)¹; Stertz, L (Stertz, Laura)²; Fries, GR (Fries, Gabriel Rodrigo)²; de Oliveira, DL (de Oliveira, Diogo Losch); Kapczinski, F (Kapczinski, Flavio)²; Moreira, JCF (Fonseca Moreira, Jose Claudio)¹
- Source: NEUROCHEMICAL RESEARCH Volume: 36 Issue: 3 Pages: 506-517 DOI: 10.1007/s11064-010-0372-3 Published: MAR 2011
- Times Cited: 0 (from Web of Science)
- Cited References: 57 [view related records] Citation Map
- Abstract: Vitamin A supplementation has caused concern among public health researchers due to its ability in decreasing life quality from acute toxicological effects to increasing mortality rates among vitamin supplement users. For example, it was described cognitive decline (i.e. irritability, anxiety, and depression) in patients subjected to long-term vitamin A therapy, as occurs in cancer treatment. However, the mechanism by which vitamin A affects mammalian cognition is not completely understood. Then, we performed the present work to investigate the effects of vitamin A supplementation at clinical doses (1,000-9,000 IU/kg day(-1)) for 28 days on rat hippocampal nitrosative stress levels (both total and mitochondrial), bioenergetics states, brain-derived neurotrophic factor (BDNF), alpha- and beta-synucleins, BIP and dopamine receptor 2 (D2 receptor) contents, and glutamate uptake. We observed mitochondrial impairment regarding respiratory chain function: increased complex I-III, but decreased complex IV enzyme activity. Also, decreased BDNF levels were observed in vitamin A-treated rats. The present data demonstrates, at least in part, that mitochondrial dysfunction and decreased BDNF and D2 receptors levels, as well as decreased glutamate uptake may take an important role in the mechanism behind the previously reported cognitive disturbances associated to vitamin A supplementation.
- Document Type: Article
- Language: English
- Author Keywords: Vitamin A; Mitochondrial impairment; Superoxide anion radical; BDNF; BIP; Glutamate uptake
- Subject Headings: NITROSATIVE STRESS; EXPLORATORY A...; NITRIC-OXIDE; ADULT

Search Features: linguistic search assistance

Lemmatization and British/US English

The screenshot shows the Web of Science search interface. At the top, there are navigation tabs: "All Databases", "Select a Database", "Web of Science", and "Additional Resources". Below these are search options: "Search", "Cited Reference Search", "Advanced Search", and "Search History". The main heading is "Web of Science® with Conference Proceedings".

The search section is titled "Search" and contains three search fields. The first field contains the text "best management practice" and is highlighted with an orange box. Below it is an example: "Example: oil spill* mediterranean". The second field is preceded by an "AND" dropdown and is empty; its example is "Example: O'Brian C* OR OBrian C*". The third field is also preceded by an "AND" dropdown and is empty; its example is "Example: Cancer* OR Journal of Cancer Research and Clinical Oncology". Each field has a dropdown menu to its right, labeled "Topic", "Author", and "Publication Name" respectively.

Below the search fields is a "Search" button, a "Clear" button, and the text "Searches must be in English".

The "Current Limits:" section includes:

- Timespan:** A radio button selected for "All Years" (updated 2009-11-29). An unselected radio button is for "From 1898 to 2009" (default is all years).
- Citation Databases:** A plus icon to expand the section.
- Adjust your search settings:** A plus icon to expand the section. This section is highlighted with an orange box and contains a dropdown menu for "Lemmatization" set to "On" (finds alternative forms of the search term, for example, tooth and teeth).
- Adjust your results settings:** A plus icon to expand the section.

On the right side, there is an orange rounded rectangle containing the text "Examples:" followed by a list of words and their plural or alternative forms:

- frog/frogs
- mouse/mice
- color/colour
- loud/louder/loudest
- run/running/ran

Search Features: Left-hand truncation and Near/ operator

The screenshot displays the Web of Science search interface. The top navigation bar includes 'All Databases', 'Select a Database', 'Web of Science', and 'Additional Resources'. Below this, there are search options: 'Search', 'Cited Reference Search', 'Advanced Search', and 'Search History'. The main heading is 'Web of Science® with Conference Proceedings'. The search results page shows a record for 'Dihydroxylation of alkenes using a T-osmium complex' by Dehestani, A. et al. The abstract describes the reaction of a hydrotris(1-pyrazolyl) borate complex with m-chloroperbenzoic acid and trans-stilbene. The search results are highlighted with orange boxes, and a list of search terms is provided in a separate box.

Search

osmium near
Example: oil s

AND

AND

Example: O'B

Example: Car

Add Another F

Search

Current Limits:

- Timespan
- Citation D
- Adjust yo
- Adjust yo

Web of Science® with Conference Proceedings

<< Back to results list Record 2 of 499 >>

Record from Web of Science®

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

Dihydroxylation of alkenes using a T-osmium complex

Author(s): Dehestani, A (Dehestani, Ahmad)¹, Wu, A (Wu, Adam)¹, Hayoun, R (Hayoun, Rebecca)¹, Kaminsky, W (Kaminsky, Werner)¹, Mayer, JM (Mayer, James M.)¹

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 12 Pages: 4534-4538 DOI: 10.1016/j.ica.2009.05.004 Published: SEP 15 2009

Times Cited: 0 (from Web of Science)

Cited References: 39 Citation Map

Abstract: The reaction of TpOs(V)(N)(OH)(2) (1) [Tp = hydrotris(1-pyrazolyl) borate], m-chloroperbenzoic acid (m-CPBA), and trans-stilbene in C(6)H(6) at room temperature gives the diolate complex TpOs(V)(N)(trans-O(2)C(2)H(2)Ph(2)) (2) and m-chlorobenzoic acid (m-CBA). The trans configuration of the stilbene is retained in the diolate complex as shown in the crystal structure of 2. Complex 2 is hydrolyzed by 2 equivalents of aqueous HCl in CD(2)Cl(2) to give rac-hydrobenzoin, the product of cis-dihydroxylation, and TpOs(V)(N)Cl(2). cis-Stilbene, styrene, cyclohexene, trans-dimethyl fumarate, trans-methyl cinnamate, and trans-4-dimethylamino-4-nitrostilbene are also converted to their corresponding free diol products by reaction with 1 and m-CPBA in CD(2)Cl(2), and then aqueous HCl. In aqueous HBF(4), oxidation of the water-soluble olefin, 4-styrenesulfonic acid, by 1 is modestly catalytic (15 turnovers in 3 h) with excess PbO(2) as the oxidant. Under non-acidic conditions, the diolate complexes are inert and catalysis is precluded. Mechanistic experiments implicate an oxidizing osmium complex as an intermediate in these reactions. (C) 2009 Elsevier B. V. All rights reserved.

Document Type: Article

Language: English

Author Keywords: Osmium; Oxidation; Hydroxide; Alkene; Dihydroxylation

KeyWords Plus: NITRIDO LIGAND; EPOXIDATION; BONDS; 1,2-DIHYDROXYLATION; OLEFINS

Reprint Address: Mayer, JM (reprint author), Univ Washington, Dept Chem, Box 351700, Seattle, WA 98195

Addresses:
1. Univ Washington, Dept Chem, Seattle, WA 98195 USA.

E-mail Addresses: mayer@chem.washington.edu

Cited by: 0
This article has been cited 0 times (from All Databases).

Cited References: 39
View the bibliography of this record (from Web of Science®).

Citation Map

Additional information

- View the journal's impact factor (in Journal Citation Reports®)

Suggest a correction
If you would like to improve the quality of this product by suggesting corrections, please fill out this form.

•Dihydroxylation
•Dihydroxylations
•Dihydroxylated
•Aminohydroxylation

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Search Features: *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.

<input type="text" value="marra ma"/> <i>Example: O'Brian C* OR OBrian C*</i>	in	<input type="text" value="Cited Author"/>	
<input type="text" value="SCIENCE*"/> <i>Example: J Comp* Appl* Math* (journal abbreviation list)</i>	in	<input type="text" value="Cited Work"/>	
<input type="text" value="300"/> <i>Example: 208</i>	in	<input type="text" value="Cited Year(s)"/> <input type="text" value="Cited Author"/> <input type="text" value="Cited Work"/> <input type="text" value="Cited Year(s)"/> <input type="text" value="Cited Volume*"/> <input type="text" value="Cited Issue*"/> <input type="text" value="Cited Pages*"/>	

[Add Another Field >>](#)

Searches must be in English

What's New? : Managing Results

- All results returned – no record limit
- Results sorted by Publication Date
- Abstract preview
- All Databases search – refine by database
- Export all results from Analyze
- Marked List upgrades
 - Total List – combined list across databases
 - Supports up to 5,000 items
 - Analyze and Citation Report for Marked List items
 - Links to full text
 - View abstract preview
 - Option to delete individual items

Managing Results: *all results returned, sorted by publication date*

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

Search | Cited Reference Search | Advanced Search | Search History

Web of ScienceSM

Results Topic=(cell)
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

Note: Alternative forms of your search term (for example, tooth and teeth) may have been applied, in particular for Topic or Title searches that do not contain quotation marks around the terms. To find only exact matches for your terms, turn off the "Lemmatization" option on the search page.

Results: **3,674,395** | Page 1 of 10,000 | Go | Sort by: Publication Date -- newest to oldest

Refine Results
Search within results for: [] Search

Subject Areas
 BIOCHEMISTRY & MOLECULAR BIOLOGY (411,750)
 CELL BIOLOGY (386,786)
 ONCOLOGY (328,561)
 IMMUNOLOGY (294,084)
 NEUROSCIENCES & NEUROLOGY (231,894)
more options / values...

1. Title: **Key uncertainty sources analysis of water quality model u**
Author(s): Zhao X., Shen Z. Y., Xiong M., et al.
Source: **INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENC**
Times Cited: 0 (from Web of Science)
Links [+] View abstract []

2. Title: **Mineralization of the metre-long biosilica structures of gla**
Author(s): Ehrlich Hermann, Deutzmann Rainer, Brunner Eike, et
Source: **NATURE CHEMISTRY** Volume: 2 Issue: 12 Pages: 1084-1
Times Cited: 1 (from Web of Science)
Links [+] Full Text [+] View abstract []

3. Title: **Small-molecule-mediated G-quadruplex isolation f**
Author(s): Mueller Sebastian, Kumar P...

Sort by:
Publication Date -- newest to oldest
Publication Date -- newest to oldest
Publication Date -- oldest to newest
Times Cited -- highest to lowest
Times Cited -- lowest to highest

Publication Date -- newest to oldest
Publication Date -- newest to oldest
Publication Date -- oldest to newest
Times Cited -- highest to lowest
Times Cited -- lowest to highest
Relevance
First Author -- A to Z
First Author -- Z to A
Source Title -- A to Z
Source Title -- Z to A
Conference Title -- A to Z
Conference Title -- Z to A

Managing Results: *abstract preview*

- [Print](#) [E-mail](#) [Add to Marked List](#) [Save to EndNote® Web](#) [Save to EndNote®, RefMan, ProCite](#) [Save to RefWorks](#) [Analyze I](#)
Citation Report feature not available
- [more options](#)
- 1. Title: **Key uncertainty sources analysis of water quality model using the first order error method**
Author(s): Zhao X., Shen Z. Y., Xiong M., et al.
Source: **INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY** Volume: **8** Issue: **1** Pages: **137-148** Published: **WIN 2011**
Times Cited: **0** (from Web of Science)
[Links](#) [[Hide abstract](#)]
 - 2. In this study, key uncertainty sources analysis was undertaken for a dynamic water model using a First order error analysis method. First, a dynamic water quality model for the Three Gorges Reservoir Regions was established using data after impoundment by the environmental fluid dynamics code model package. Model calibration and verification were then conducted using measured data collected during 2004 and 2006. Four statistical indices were employed to assess the modeling efficiency. The results indicated that the model simulated the variables well, with most relative error being less than 25%. Next, input and parameter uncertainty analysis were conducted for ammonia nitrogen, nitrate nitrogen, total nitrogen, and dissolved oxygen at 3 grid cells located in the upper, middle and downstream portions of the research area. For the nitrogen related variables, input from Zhutuo Station, the Jialingjiang River, and the Wujiang River were the main sources of uncertainty. Point and nonpoint sources also accounted for a large ratio of uncertainty.
 - 3. [Links](#) [Full Text](#) [[View abstract](#)]
 - 4. Title: **Modelling of ultrasound therapeutic heating and numerical study of the dynamics of the induced heat shock response**
Author(s): Mizera Andrzej, Gambin Barbara
Source: **COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION** Volume: **16** Issue: **5** Special Issue: **SI** Pages: **2342-2349** DOI: **10.1016/j.cnsns.2010.04.056** Published: **MAY 2011**
Times Cited: **0** (from Web of Science)
[Links](#) [Full Text](#) [[View abstract](#)]
 - 5. Title: **Effect of compressed fluids treatment on the activity, stability and enzymatic reaction performance of beta-galactosidase**
Author(s): Manera Ana Paula, Kuhn Graciele, Polloni Andre, et al.
Source: **FOOD CHEMISTRY** Volume: **125** Issue: **4** Pages: **1235-1240** DOI: **10.1016/j.foodchem.2010.10.040** Published: **APR 14 2011**
Times Cited: **1** (from Web of Science)
[Links](#) [Full Text](#) [[View abstract](#)]



Managing Results: *refine by database*

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

Search | Search History | Compound Marked List (0)

All Databases

Results Topic=(broccoli)
Timespan=All Years.

Scientific WebPlus^{BETA} View Web Results >>
View Compendex® Results >>

Note: Alternative forms of your search term (for example, tooth and teeth) may have been applied, in particular for Topic or Title searches that do not contain quotation marks around the terms. To find only exact matches for your terms, turn off the "Lemmatization" option on the search page.

Results: **Approximately 24,006** Page 1 of 2,401 Go Sort by: Publication Date -- newest to oldest

Print | E-mail | Add to Marked List | Save to EndNote® Web | Save to EndNote®, RefMan, ProCite | Save to RefWorks | Citation Report feature not available. [?]

Refine Results

Search within results for [] Search

Databases Refine

- CABI
- BIOSIS Citation IndexSM
- BIOSIS Previews[®]
- Web of Science[®]
- Biological Abstracts[®]
- Current Contents Connect[®]
- MEDLINE[®]
- Food Science and Technology Abstracts[™]
- Zoological Record[®]
- Derwent Innovations IndexSM

more options / values...

1. Title: **Glucosinolates fortification of cruciferous sprouts by sulphur supplementation during cultivation to enhance anti-cancer activity**
Author(s): Kestwal Rakesh Mohan; Lin Jia Ching; Bagal-Kestwal Dipali; et al.
Source: FOOD CHEMISTRY Volume: **126** Issue: **3** Pages: **1164-1171** DOI: **10.1016/j.foodchem.2010.11.152** Published: **JUN 1 2011**
Times Cited: **0** (from All Databases)
[Links](#) [Full Text](#) [⊕ View abstract]
2. Title: **Genotypic effects on the phytochemical quality of seeds and sprouts from commercial **broccoli** cultivars**
Author(s): Perez-Balibrea Santiago; Moreno Diego A.; Garcia-Viguera Cristina
Source: FOOD CHEMISTRY Volume: **125** Issue: **2** Pages: **348-354** DOI: **10.1016/j.foodchem.2010.09.004** Published: **MAR 15 2011**
Times Cited: **0** (from All Databases)
[Links](#) [Full Text](#) [⊕ View abstract]
3. Title: **Chlorophyllase versus pheophytinase as candidates for chlorophyll dephytiation during senescence of **broccoli**.**
Author(s): Buchert Agustín M; Civiello Pedro M; Martínez Gustavo A
Source: Journal of plant physiology Volume: **168** Issue: **4** Pages: **337-43** DOI: **10.1016/j.jplph.2010.07.011** Published: **2011-Mar-1** (Epub 2010 Aug 19)
Times Cited: **0** (from All Databases)
[Links](#) [Full Text](#) [⊕ View abstract]

Title: **Effect of kaempferol on lipid metabolism and tumor-induced colorectal carcinoma in rats**

Managing Results: *export all data from Analyze*

All Databases
Select a Database
Web of Science
Additional Resources

Web of Science®

Results Topic=(drosophila melanogaster)
Timespan=All Years, Database=All

Note: Alternative forms of your search terms may be used. To see all matches for your terms, turn off the "Limit to Exact Matches" checkbox.

Results: **49,649**

Refine Results

Search within results for:

▼ **Subject Areas**

- GENETICS HEREDITY (17,456)
- BIOCHEMISTRY MOLECULAR BIOLOGY (13,491)
- CELL BIOLOGY (6,857)
- DEVELOPMENTAL BIOLOGY (4,312)
- EVOLUTIONARY BIOLOGY (4,041)

[more options / values](#)

Results Analysis

[<<Back to previous page](#)

49,649 records. Topic=(drosophila melanogaster)

Rank the records by this field:	Set display options:	Sort by:
<div style="border: 1px solid gray; padding: 2px;"> Authors Conference Titles Countries/Territories Document Types </div>	Show the top <input type="text" value="500"/> Results. Minimum record count (threshold): <input type="text" value="2"/>	<input checked="" type="radio"/> Record count <input type="radio"/> Selected field

Use the checkboxes below to view the records. You can choose to view those selected records, or you can exclude them (and view the others).

	Field: Authors	Record Count	% of 49649	Bar Chart
<input type="checkbox"/>	ANONYMOUS	544	1.096 %	
<input type="checkbox"/>	ZHIMULEV IF	172	0.346 %	
<input type="checkbox"/>	PARTRIDGE L	163	0.328 %	
<input type="checkbox"/>	MUKAI T	159	0.320 %	
<input type="checkbox"/>	HOFFMANN AA	155	0.312 %	
<input type="checkbox"/>	DAVID JR	136	0.274 %	
<input type="checkbox"/>	HALL JC	131	0.264 %	
<input type="checkbox"/>	MACKAY TFC	130	0.262 %	
<input type="checkbox"/>	LOESCHCKE V	125	0.252 %	
<input type="checkbox"/>	BELYAEVA ES	124	0.250 %	
<input type="checkbox"/>	CLARK AG	118		

- Data rows displayed in table
- All data rows

Managing Results: *Marked List* enhancements

WEB OF KNOWLEDGESM | DISCOVERY STARTS HERE

THOMSON REUTERS

Sign In | **Marked List (5,000)** | My EndNote Web | My ResearcherID | My Citation Alerts | My Journal List | My Saved Searches | Log Out | Help

Marked List (5,000 records)

<< Exit Marked List

Your marked list contains records from 6 database(s).
You can output summary data for all records using the "total records" view, or output more product-specific data from each listed database.

5,000 total records on the Marked List
Output author, title, source, abstract, and times cited for all records in the Marked List.

3,005 records from Web of Science® Clear Marked List
Output complete data from this product for these records.

Output Records [Hide Output Options]

Step 1:
 All records in this list (up to 500)
 All records on page
 Records to

Step 2: Select from the fields below:

<input checked="" type="checkbox"/> Author(s) / Editor(s)	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Source	<input checked="" type="checkbox"/> Conference
<input type="checkbox"/> Abstract*	<input type="checkbox"/> Cited References*	<input type="checkbox"/> Document Type	<input type="checkbox"/> Conference Sponsor(s)
<input type="checkbox"/> Addresses	<input checked="" type="checkbox"/> Times Cited	<input type="checkbox"/> Keywords	<input type="checkbox"/> Publisher Information
<input checked="" type="checkbox"/> ISSN / ISBN	<input type="checkbox"/> Cited Reference Count	<input type="checkbox"/> Source Abbrev.	<input type="checkbox"/> Page Count
<input type="checkbox"/> IDS Number	<input type="checkbox"/> Language	<input type="checkbox"/> Subject Category	<input type="checkbox"/> Funding Information

*Selecting these items will increase the processing time.
[Reset]

Step 3: [How do I export to bibliographic management software?]

[Print](#) [E-mail](#) [Save to EndNote Web](#) [Save to EndNote, RefMan, ProCite](#) [Save to RefWorks](#) [Order Full Text](#)

[Save to other Reference Software](#) [Save](#)

504 records from MEDLINE®
Output complete data from this product for these records.

1,000 records from CABI
Output complete data from this product for these records.

189 records from Inspec®
Output complete data from this product for these records.











2 records from Current Contents Connect®
Output complete data from this product for these records.

300 records from Biological Abstracts®
Output complete data from this product for these records.

Managing Results: *Marked List enhancements*

Records: **3,005** Page 1 of 301 Go Sort by: Publication Date -- newest to oldest

Analyze Results
Create Citation Report

-  1. Title: [Genotypic effects on the phytochemical quality of seeds and sprouts from commercial broccoli cultivars](#)
Author(s): Perez-Balibrea Santiago; Moreno Diego A.; Garcia-Viguera Cristina
Source: FOOD CHEMISTRY Volume: **125** Issue: **2** Pages: **348-354** DOI: **10.1016/j.foodchem.2010.09.004** Published: **MAR 15 2011**
Times Cited: **0** (from Web of Science)
[→Links](#) [→ Full Text](#) [ [View abstract](#)]
-  2. Title: [Multi-camera real-time three-dimensional tracking of multiple flying animals](#)
Author(s): Straw Andrew D.; Branson Kristin; Neumann Titus R.; et al.
Source: JOURNAL OF THE ROYAL SOCIETY INTERFACE Volume: **8** Issue: **56** Pages: **395-409** DOI: **10.1098/rsif.2010.0230** Published: **MAR 6 2011**
Times Cited: **0** (from Web of Science)
[→Links](#) [→ Full Text](#) [ [View abstract](#)]
-  3. Title: [Behavioural evidence for a sleep-like quiescent state in a pulmonate mollusc, *Lymnaea stagnalis* \(Linnaeus\)](#)
Author(s): Stephenson Richard; Lewis Vern
Source: JOURNAL OF EXPERIMENTAL BIOLOGY Volume: **214** Issue: **5** Pages: **747-756** DOI: **10.1242/jeb.050591** Published: **MAR 2011**
Times Cited: **0** (from Web of Science)
[→Links](#) [→ Full Text](#) [ [View abstract](#)]
-  4. Title: [Impact of a perfluorinated organic compound PFOS on the terrestrial pollinator *Bombus terrestris* \(Insecta, Hymenoptera\)](#)
Author(s): Mommaerts Veerle; Hagens Jaar An; Meyer Johan; et al.
Source: ECOTOXICOLOGY Volume: **20** Issue: **2** Pages: **447-456** DOI: **10.1007/s10646-011-0596-2** Published: **MAR 2011**
Times Cited: **0** (from Web of Science)
[→Links](#) [→ Full Text](#) [ [View abstract](#)]
-  5. Title: [Latitudinal variation in the aerial/aquatic ratio of oxygen consumption of a supratidal high rocky-shore crab](#)
Author(s): Lardies Marco A.; Luis Munoz Jose; Paschke Kurt A.; et al.
Source: MARINE ECOLOGY-AN EVOLUTIONARY PERSPECTIVE Volume: **32** Issue: **1** Pages: **42-51** DOI: **10.1111/j.1439-0485.2010.00408.x** Published: **MAR 2011**
Times Cited: **0** (from Web of Science)
[→Links](#) [→ Full Text](#) [ [View abstract](#)]

What's New? : Author Identification

- Searchable Researcher ID number field
 - Full integration with <http://www.researcherid.com>
- Changes to Author Finder
 - Combines Distinct Author Sets clustering with Refine feature

Author Identification – Researcher ID

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

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

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Search

in
Example: A-1009-2008

AND in
Example: O'Brian C OR OBrian C**
Need help finding papers by an author? Use [Author Finder](#).

AND in
Example: Cancer OR Journal of Cancer Research and Clinical Oncology*

[Add Another Field >>](#)

Searches must be in English

- ResearcherID
- Topic
- Title
- Author
- ResearcherID**
- Group Author
- Editor
- Publication Name
- Year Published
- Address
- Conference
- Language
- Document Type
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Distinct Author Sets: collins g

Timespan=All Years: Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

The Distinct Author Sets feature shows sets of papers likely written by the same person. (Tell me more.)
View the articles authored by [collins g*](#)

Author Sets: **312**

Page 1 of 32 Go

Sets Last Updated: March 8, 2011

Hide Refine

Refine Author Sets

You entered: collins g
Searched: collins g*
Add Middle Initial...

Subject Areas Refine

- ENGINEERING
- PHYSICS
- AGRICULTURE
- MATERIALS SCIENCE
- CHEMISTRY
- [more options / values...](#)

- ▶ Institutions
- ▶ Publication Years
- ▶ Countries/Territories
- ▶ Source Titles

<input type="checkbox"/> Select All	Author Names	Records	Institution	Publication Years
1. <input type="checkbox"/>	Collins, GJ Collins, G	162	Colorado State Univ	1934 - 2009
Top Source Titles : APPLIED PHYSICS LETTERS (40) JOURNAL OF APPLIED PHYSICS (24) IEEE JOURNAL OF QUANTUM ELECTRONICS (19) JOURNAL OF THE ELECTROCHEMICAL SOCIETY (11) JAPANESE JOURNAL OF APPLIED PHYSICS PART 1-REGULAR PAPERS SHORT NOTES & REVIEW PAPERS (6)				
Recent Papers : -+				
2. <input type="checkbox"/>	Collins, GB Collins, G	161	Univ Kentucky	1938 - 2008
Top Source Titles : CROP SCIENCE (40) PLANT CELL REPORTS (16) CANADIAN JOURNAL OF GENETICS AND CYTOLOGY (10) JOURNAL OF HEREDITY (9) THEORETICAL AND APPLIED GENETICS (8)				

What's New? : Citation Counts

- See the full citation picture with citation data reported from:
 - Biosis Citation Index
 - Web of Science
 - Chinese Science Citation Database
- Article citation counts include cites from all three sources
 - Links to view citing articles are dependent upon your subscription access
- For more information see our [“Citation Sources in the Web of Knowledge”](#) presentation
- Links to Web of Science Citing Articles, Cited References, Related Records in non-citation databases (e.g. Inspec, CABI, etc.)



Citation Counts

The screenshot shows a Web of Science article page for "Mitochondrial diseases in man and mouse". The page includes a navigation bar at the top with "All Databases", "Select a Database", "Web of Science", and "Additional Resources". Below the navigation bar are search options: "Search", "Cited Reference Search", "Advanced Search", and "Search History". The article title is "Mitochondrial diseases in man and mouse" by Wallace, DC. The source is SCIENCE, Volume 283, Issue 5407, Pages 1482-1488, Published: MAR 5 1999. The page highlights citation information: "Times Cited: 1,281 (from Web of Science)" and "Cited References: 101" with a "Citation Map" link. The abstract discusses mitochondrial defects and their implications. The right sidebar shows "Cited by: 1320" with a list of citing articles, including "Genetic variants in mitochondrial tRNA genes are associated with essential hypertension in a Chinese Han population" and "Thioredoxin2 enhances the damaged DNA binding activity of mtTFA through direct interaction".

Web of Science® with Conference Proceedings

Record 15 of 20,419

Record from **Web of Science®**

Save to **EndNote®**, **RefMan**, **ProCite** more options

Mitochondrial diseases in man and mouse

Author(s): Wallace, DC (Wallace, DC)

Source: SCIENCE **Volume:** 283 **Issue:** 5407 **Pages:** 1482-1488 **Published:** MAR 5 1999

Times Cited: 1,281 (from Web of Science)

Cited References: 101 [Citation Map](#)

Abstract: Over the past 10 years, mitochondrial defects have been implicated in a wide variety of human diseases, including cancer. Studies on patients with these diseases have revealed much about the complexities of mitochondrial genetics and nuclear genomes. However, the pathophysiology of mitochondrial diseases has remained unclear. In this review, we discuss the pathophysiology of mitochondrial oxidative phosphorylation in cellular energy production, the generation of reactive oxygen species, and the mechanisms for mitochondrial pathology. The importance and interrelationship of these factors in the pathogenesis of mitochondrial disease.

Document Type: Review

Language: English

KeyWords Plus: HEREDITARY OPTIC NEUROPATHY; KEARNS-SAYRE SYNDROME; CYTOCHROME-C-OXIDASE; DNA DELETION LEVELS; SUPEROXIDE-DISMUTASE; SKELETAL-MUSCLE; POINT MUTATION; HUMAN BRAIN; NUCLEOTIDE PAIR-14459; ALZHEIMER-DISEASE

Reprint Address: Wallace, DC (reprint author), Emory Univ, Ctr Mol Med, 1462 Clifton Rd, Suite 420, Atlanta, GA 30322 USA.

Addresses:
1. Emory Univ, Ctr Mol Med, Atlanta, GA 30322 USA.

E-mail Addresses: dwallace@gmm.gen.emory.edu

Publisher: AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW, WASHINGTON, DC 20005 USA

Subject Category: Science & Technology - Other Topics

IDS Number: 173AR

ISSN: 0036-8075

Cited by: 1320
This article has been cited 1320 times (from All Databases).

Zhu, Hai-Yan. Genetic variants in mitochondrial tRNA genes are associated with essential hypertension in a Chinese Han population. CLINICA CHIMICA ACTA, DEC 8 2009.

Kidani, Akihiko. Thioredoxin2 enhances the damaged DNA binding activity of mtTFA through direct interaction. INTERNATIONAL JOURNAL OF ONCOLOGY, DEC 2009.

Panfoli, Isabella. Evidence for aerobic metabolism in retinal rod outer segment disks. INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY, DEC 2009.

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All Databases

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Citing Articles Title: **Mitochondrial diseases in man and mouse**
 Author(s): **Wallace, DC**
 Source: **SCIENCE** Volume: 283 Issue: 5407 Pages: 1482-1488 Published: 199903
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1320 in All Databases

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1269 in Science Citation Index Expanded (SCIE), Social Science Citation Index (SSCI), and Arts & Humanities Citation Index (A&HCI)

1267 in Science Citation Index Expanded (SCIE)

13 in Social Science Citation Index (SSCI)

0 in Arts & Humanities Citation Index (A&HCI)

100 in Conference Proceedings Citation Index - Science (CPCI-S); Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)

100 in Conference Proceedings Citation Index - Science (CPCI-S)

1 in Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)

965 in BIOSIS Citation Index

13 in Chinese Science Citation Database

- BIOCHEMISTRY & MOLECULAR BIOLOGY
- GENETICS & HEREDITY
- CELL BIOLOGY
- NEUROSCIENCES & NEUROLOGY

3. Title: **Evidence for aerobic metabolism in retinal rod outer segment disks**
 Author(s): Panfoli Isabella, Calzia Daniela, Bianchini Paolo, et al.
 Source: **INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY** Volume: 41 Issue: 12 Pages: 2555-2565 DOI: 10.1016/j.biocel.2009.08.013 Published: **DEC 2009**
 Times Cited: 0 (from All Databases)

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