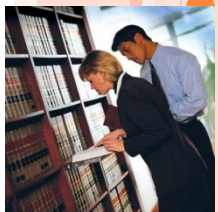


*ISI WEB OF KNOWLEDGE*

*WEB OF SCIENCE*

碩睿資訊有限公司

<http://www.sris.com.tw>



# 研究發表工具之利用

讓您的發表與國際研究社群接軌

ResearcherID.com

Journal Citation Reports  
(JCR)  
Essential Science Indicators  
(ESI)

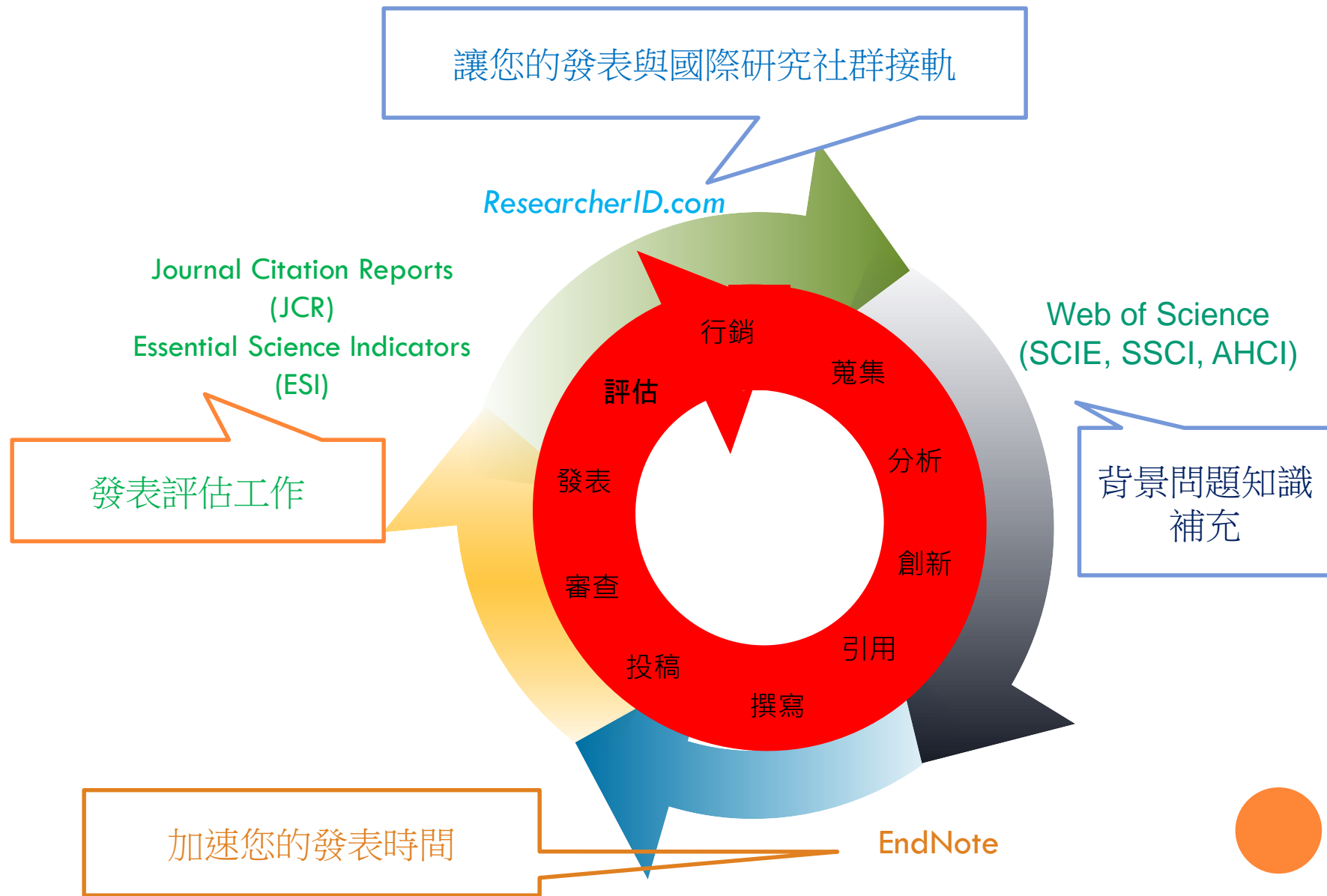
Web of Science  
(SCIE, SSCI, AHCI)

發表評估工作

背景問題知識  
補充

加速您的發表時間

EndNote



# Web of Science 引文分析資料庫



**Cited References**  
引用其他文章

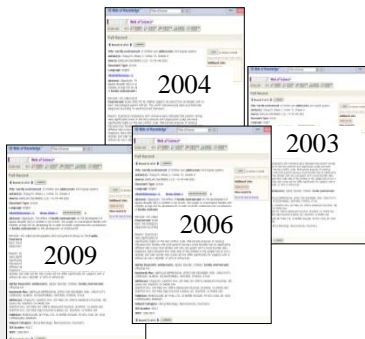
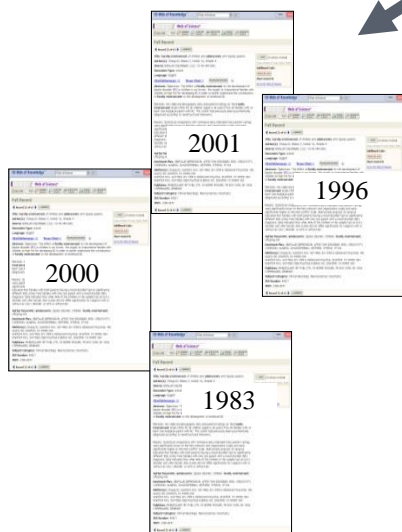
**Times Cited**  
被其他文章引用

**Related Records**

往前追溯

往後探索

跨學科



## WEB OF SCIENCE 可以幫我做什麼？

- 從研發角度及不同使用時機進行資料蒐集
- 從檢索結果分析及建立引用分析報告
- 如何篩選核心論文及以文找文，追蹤最新研究動態
- 用EndNoteweb管理資料、團隊分享



## 收錄期刊標準

- 期刊被引用頻率的高低
- 定期出刊
- 具權威性的編輯委員會及健全的論文審查制度
- 具明確之投稿須知
- 完整的參考文獻書目資料及詳細的作者連絡地址
- 具英文目次、篇名和摘要



# 大綱

## 1. Web of Knowledge (WOK)介面介紹

- A. 註冊與個人化功能
- B. Web of Science收錄內容介紹

## 2. WOS檢索

- A. 萬用字元
- B. 檢索類型介紹
- C. 檢索結果頁面
- D. 全紀錄頁面

## 3. 資料由多到少

- A. Refine
- B. Sort by
- C. Create Citation report
- D. Analyze Result

## 4. 資料由少到多

- A. References 與 Times Cited
- B. Citation Map
- C. Related Records
- D. Keyword Plus

## 5. 其他附加功能

- A. Marked list
- B. Search History
- C. Export
- D. Create Citation Alert
- E. Additional Information



Web of Science<sup>®</sup>

Search

Example: oil spill\* mediterranean

AND Example: O'Brian C\* OR OBrian C\*
Need help finding papers by an author? Use Author Finder.

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

Add Another Field >>

Search

Clear

Searches must be in English

- Topic
Title
Author
ResearcherID
Group Author
Editor
Publication Name
Year Published
Address
Conference
Language
Document Type
Funding Agency
Grant Number



Thomson Reuters Sales

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 all new Author Finder in Web of Science.
More of What's New

Featured Tips

- Visualize citation connections at a glance with Citation Mapping (view demo)
Identify citation trends graphically with Citation Report (view demo).
Make sure your funding efforts pay off. Search grant activity and funding acknowledgements.

Customize Your Experience

Sign In | Register

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

Timespan

- All Years (updated 2011-03-22)
From 1898 to 2011 (default is all years)

Citation Databases

- Science Citation Index Expanded (SCI-EXPANDED) --1899-present
Social Sciences Citation Index (SSCI) --1898-present
Arts & Humanities Citation Index (A&HCI) --1975-present
Conference Proceedings Citation Index- Science (CPCI-S) --1990-present
Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH) --1990-present

## Web of Science 收錄內容 (每週更新)

SCIE

- Science Citation Index Expanded
- 自然科學引文索引資料庫
- 7000多種期刊，1899年至今

SSCI

- Social Science Citation Index
- 社會科學引文索引資料庫
- 2200多種期刊，1898年至今

AHCI

- Arts & Humanities Citation Index
- 人文藝術引文索引資料庫
- 1200多種期刊，1975年至今

CPCI

- Conference Proceedings Citation Index 會議論文引文索引資料庫
- 12000多種會議錄，1990年至今

BKCI

- Book Citation Index
- 圖書引文索引資料庫
- 30000多種書籍，2005年至今



# Science Citation Index Expanded 收錄領域

自然科學、工程技術、生物醫學等所有科技領域

- 農業與食品科技
- 太空領域
- 行為科學
- 生化
- 生物
- 生醫
- 電腦科學
- 電機工程
- 環境科學
- 遺傳
- 地球科學
- 材料科學
- 數學
- 醫學
- 微生物學
- 核子科學
- 藥學
- 物理
- 精神與心理學
- 統計學
- 科技與應用科學
- 獸醫
- 動物科學



# Social Sciences Citation Index

多學科綜合性社會科學引文索引：全面收錄1,810多種社會科學期刊

- 人類學
- 商業
- 溝通
- 犯罪學和刑罰學
- 經濟學
- 教育
- 環境研究
- 家庭研究
- 地理學
- 老年醫學和老年病學
- 衛生政策和服務
- 計畫與發展
- 歷史
- 工業關係與勞工問題
- 圖書館學和資訊科學
- 語言與語言學
- 法律
- 政治科學
- 心理學
- 精神病學
- 公共衛生
- 社會問題
- 社會工作
- 社會學
- 藥物濫用
- 城市研究
- 婦女問題
- 社會科學



# Arts & Humanities Citation Index

- 哲學
- 語言
- 語言學
- 文學評論
- 文學
- 音樂
- 哲學
- 詩歌
- 宗教
- 戲劇...
- 考古學
- 建築
- 藝術
- 亞洲研究
- 古典
- 舞蹈
- 電影/廣播/電視
- 民俗
- 歷史
- ...



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- B. Sort by
- C. Create Citation report
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- B. Citation Map
- C. Related Records
- D. Keyword Plus

## 5. 其他附加功能

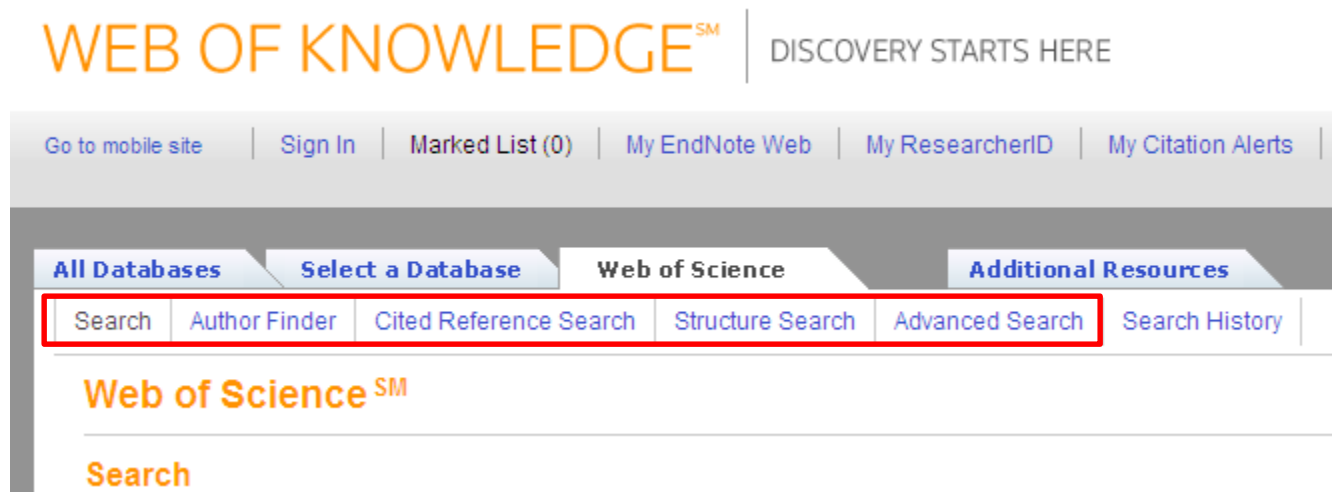
- A. Marked list
- B. Search History
- C. Export
- D. Create Citation Alert
- E. Additional Information

## 6. EndNote Web



# WEB OF SCIENCE檢索策略應用

- Search 檢索
  - 主題、期刊、作者、地址、團體作者
- Author Finder查詢作者
- Cited Ref Search 被引用參考文獻檢索
  - 被引用作者、被引用期刊、被引用年代
- Advanced Search 進階檢索



WEB OF KNOWLEDGE<sup>SM</sup> | DISCOVERY STARTS HERE

Go to mobile site | Sign In | Marked List (0) | My EndNote Web | My ResearcherID | My Citation Alerts

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

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

Web of Science<sup>SM</sup>

Search

The screenshot shows the top navigation bar of the Web of Knowledge website. The main header is 'WEB OF KNOWLEDGE<sup>SM</sup> | DISCOVERY STARTS HERE'. Below this is a secondary navigation bar with links: 'Go to mobile site', 'Sign In', 'Marked List (0)', 'My EndNote Web', 'My ResearcherID', and 'My Citation Alerts'. The main navigation bar has four tabs: 'All Databases', 'Select a Database', 'Web of Science', and 'Additional Resources'. Under the 'Web of Science' tab, there is a row of search options: 'Search', 'Author Finder', 'Cited Reference Search', 'Structure Search', 'Advanced Search', and 'Search History'. A red rectangular box highlights the 'Search', 'Author Finder', 'Cited Reference Search', and 'Advanced Search' options. Below the navigation bar, the text 'Web of Science<sup>SM</sup>' is displayed, followed by a 'Search' button.

All Databases

Select a Database

Web of Science

Additional Resources

Search

Author Finder

Cited Reference Search

Advanced Search

Search History

### Web of Science<sup>®</sup>

#### Search

Example: oil spill\* mediterranean

in

Topic

- Topic
- Title
- Author
- ResearcherID
- Group Author
- Editor
- Publication Name
- DOI
- Year Published
- Address
- Conference
- Language
- Document Type
- Funding Agency
- Grant Number
- Accession Number

AND

Example: O'Brian C\* OR OBrian C\*

Need help finding papers by an author? Use [Author Finder](#).

in

AND

Example: Cancer\* OR Journal of Cancer Research and Clinical Oncology

in

[Add Another Field >>](#)

Search

Clear

Searches must be in English

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

#### Timespan

All Years (updated 2011-03-22)

From 1898 to 2011 (default is all years)

#### Citation Databases

Science Citation Index Expanded (SCI-EXPANDED) --1899-present

Social Sciences Citation Index (SSCI) --1898-present

Arts & Humanities Citation Index (A&HCI) --1975-present

Conference Proceedings Citation Index- Science (CPCI-S) --1990-present

Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH) --1990-present

- 主題
- 篇名
- 作者
- Research ID
- 團體作者
- 編輯者
- 期刊名稱
- DOI
- 出版年代
- 作者地址
- 會議名稱
- 語言(\*)
- 文獻類型(\*)
- 贊助單位
- 計畫編號
- 典藏登錄號

(\*)號的欄位無法單獨檢索

Customize Your Experience

[Sign In](#) | [Register](#)

Search

Author Finder

Cited Reference Search

Structure Search

Advanced Search

Search History

Web of Science<sup>SM</sup>

利用ADDRESS查詢機構

## Search

Natl Taiwan univ

in

Address

Example: Yale Univ SAME hosp (view abbreviations list)

OR

national taiwan university

in

Address

Example: Yale Univ SAME hosp (view abbreviations list)

AND

in

Publication Name

Example: Cancer\* OR Journal of Cancer Research and Clinical Oncology

[Add Another Field >>](#)

Search

Clear

Searches must be in English

Web of Science<sup>SM</sup>

## Results Address=(Natl Taiwan univ) OR Address=(national taiwan university)

Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, CCR-EXPANDED, IC.  
Lemmatization=OnScientific WebPlus<sup>BETA</sup>  
[View Web Results >>](#)

Results: 75,337

Page 1 of 7,534 Go

Sort by: Publication Date -- newest to oldest

## Refine Results

Search within results for

Search

## Web of Science Categories

 ENGINEERING ELECTRICAL ELECTRONIC (9,536) PHYSICS APPLIED (4,562) MATERIALS SCIENCE MULTIDISCIPLINARY

Refine



(0)



Save to:

EndNote Web

EndNote

ResearcherID more options

Analyze Results

Citation Report feature not available.

[?]

1. Title: **Temporomandibular Joint Structural Derangement and General Joint Hypermobility**  
Author(s): Wang Huey-Yuan; Shih Tiffany Ting-Fang; Wang Juo-Song; et al.  
Source: JOURNAL OF OROFACIAL PAIN Volume: 26 Issue: 1 Pages: 33-38 Published: WIN 2012  
Times Cited: 0 (from Web of Science)

Order Full Text [View abstract]

Web of Science<sup>SM</sup>

Search by Author Name

Chen, Jengchung V.

## AUTHER FINDER

Last Name / Family Name (Required)

Initial(s) (One Required)

Chen

JV

Example: Smith

Example: CE

 Exact Matches Only

Search by Name

Clear

View in: [简体中文](#) | [English](#) | [日本語](#)© 2011 Thomson Reuters | [Acceptable Use Policy](#) | [Please give us your feedback on](#)

3. <input type="checkbox"/>	Chen, JV	1	Natl Cheng Kung Univ	2011
Source Titles for this author (top 5 by record count) :				
COMPUTER STANDARDS and INTERFACES (1)				
A Sampling of Publications by this Author : <a href="#">+</a>				
4. <input type="checkbox"/>	Chen, JV	1	Univ Cent Arkansas	2010
Source Titles for this author (top 5 by record count) :				
MATHEMATICAL BIOSCIENCES (1)				
A Sampling of Publications by this Author : <a href="#">+</a>				
5. <input type="checkbox"/>	Chen, JV	1	Natl Cheng Kung Univ	2009
Source Titles for this author (top 5 by record count) :				
JOURNAL OF COMPUTER INFORMATION SYSTEMS (1)				
A Sampling of Publications by this Author : <a href="#">+</a>				
6. <input type="checkbox"/>	Chen, JV	1	Natl Taiwan Univ	2009
Source Titles for this author (top 5 by record count) :				
JOURNAL OF SYSTEMS AND SOFTWARE (1)				
A Sampling of Publications by this Author : <a href="#">+</a>				



# SEARCH

All Databases

Select a Database

Web of Science

Additional Resources

Search

Author Finder

Cited Reference Search

Structure Search

Advanced Search

Search History

Web of Science<sup>SM</sup>

**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 referen

Chen Yi-Hua

in Cited Author

Example: O'Brian C\* OR OBrian C\*

am j clin pathol

Cited Work

Example: J Comp\* Appl\* Math\* (journal abbreviation list)

Key縮寫

2011

in Cited Year(s)

Example: 1943 or 1943-1945

Add Another Field >>

Search

Clear

Searches must be in English

Cited Author 輸入被引用的作者姓名  
例：HSU SM

Cited Work 輸入被引用的研究作品出處：  
期刊名、專利號、書名等

Cited Year 輸入該文獻的發表/公佈年份

Cited Volume  
Cited Issue  
Cited Pages

## 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 - 1 of 1

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
<input type="checkbox"/>	Chen, Yi-Hua	AM J CLIN PATHOL	2011	136	289	10.1309/AJCPTFFQ18JMYKDF	2	<a href="#">View Record (view in Web of Science)</a>

### Clinical, Morphologic, Immunophenotypic, and Molecular Cytogenetic Assessment of CD4-/CD8-gamma delta T-Cell Large Granular Lymphocytic Leukemia

**Author(s):** [Chen, YH](#) (Chen, Yi-Hua)<sup>1</sup>; [Chadburn, A](#) (Chadburn, Amy); [Evens, AM](#) (Evens, Andrew M.)<sup>2</sup>; [Winter, JN](#) (Winter, Jane N.)<sup>2</sup>; [Gordon, LI](#) (Gordon, Leo I.)<sup>2</sup>; [Chenn, A](#) (Chenn, Anjen); [Goolsby, C](#) (Goolsby, Charles); [Peterson, L](#) (Peterson, LoAnn)

**Source:** AMERICAN JOURNAL OF CLINICAL PATHOLOGY **Volume:** 136 **Issue:** 2 **Pages:** 289-299 **DOI:** 10.1309/AJCPTFFQ18JMYKDF **Published:** AUG 2011

**Times Cited:** 2 (from Web of Science)

**Cited References:** 32 [ [view related records](#) ] [Citation Map](#)

**Abstract:** gamma delta T-cell large granular lymphocytic (T-LGL) leukemia of the CD4-/CD8- subtype is rare, and data are limited in the literature. This study evaluated the clinical, morphologic, immunophenotypic, and molecular cytogenetic features of 7 cases of CD4-/CD8- gamma delta T-LGL leukemia. Although this variant shares several clinical and morphologic features with the more common T-LGL leukemias, the incidences of autoimmune hemolytic anemia and pure red cell aplasia are higher. Another striking feature observed in our study was the lack of increased large granular lymphocytes in the peripheral blood in the majority of cases despite prominent bone marrow or splenic involvement. CD4-/CD8- gamma delta T-LGL leukemia also displays an immunophenotype and pattern of splenic involvement overlapping with hepatosplenic T-cell lymphoma. Clinically, this variant of T-LGL leukemia shows an overall indolent course, but treatment is often required in the initial stages of the disease. Awareness of these features is important for early recognition and accurate diagnosis of patients with CD4-/CD8- gamma delta T-LGL leukemia.

## Web of Science<sup>SM</sup>

### Advanced Search

Use 2-character tags, Boolean operators, parentheses, and set references to create your query. Results appear in the Search History at the bottom of the page.

Example: TS=(nanotub\* SAME carbon) NOT AU=Smalley RE  
#1 NOT #2 [more examples](#) | [view the tutorial](#)

**Search** Searches must be in English

Restrict results by any or all of the options below:

All languages	All document types
English	Article
Afrikaans	Abstract of Published Item
Arabic	Art Exhibit Review

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

Timespan

All Years (updated 2011-07-21)

From 1898 to 2011 (default is all years)

進階檢索的查詢方式：  
檢索欄位代碼+檢索詞彙

Booleans: AND, OR, NOT, SAME, NEAR

Field Tags:

TS= Topic	SG= Suborganization
TI= Title	SA= Street Address
AU= Author	CI= City
RID= ResearcherID	PS= Province/State
GP= Group Author	CU= Country
ED= Editor	ZP= Zip/Postal Code
SO= Publication Name	FO= Funding Agency
DO= DOI	FG= Grant Number
PY= Year Published	FT= Funding Text
CF= Conference	
AD= Address	
OG= Organization	

欄位代碼

# 檢索結果頁面

Web of Science<sup>SM</sup>

Results

Topic=(RFID)

Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, CCR-EXPANDED, IC.  
Lemmatization=On

Scientific WebPlus<sup>BETA</sup>  
View Web 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: **8,361**

Page 1 of 837 Go

Sort by: Times Cited -- highest to lowest

## Refine Results

Search within results for

Search

### Web of Science Categories Refine

- ENGINEERING ELECTRICAL ELECTRONIC (4,155)
  - TELECOMMUNICATIONS (2,291)
  - COMPUTER SCIENCE THEORY METHODS (1,587)
  - COMPUTER SCIENCE INFORMATION SYSTEMS (1,197)
  - COMPUTER SCIENCE HARDWARE ARCHITECTURE (701)
- [more options / values...](#)

### Document Types Refine

- PROCEEDINGS PAPER (5,507)
  - ARTICLE (2,799)
  - BOOK CHAPTER (145)
  - NEWS ITEM (139)
  - EDITORIAL MATERIAL (98)
- [more options / values...](#)

+ (0) Save to: EndNote Web EndNote  
ResearcherID more options

Analyze Results  
Create Citation Report

1. Title: **Fully integrated passive UHF RFID transponder IC with 16.7- $\mu$ W minimum RF input power**  
Author(s): Karthaus U; Fischer M  
Source: IEEE JOURNAL OF SOLID-STATE CIRCUITS Volume: 38 Issue: 10 Pages: 1602-1608 DOI: 10.1109/JSSC.2003.817249 Published: OCT 2003  
Times Cited: 281 (from Web of Science)  
 SFX Demo OpenURL Link [Full Text](#) [+View abstract]
2. Title: **RFID security and privacy: A research survey**  
Author(s): Juels A  
Source: IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS Volume: 24 Issue: 2 Pages: 381-394 DOI: 10.1109/JSAC.2005.861395 Published: FEB 2006  
Times Cited: 243 (from Web of Science)  
 SFX Demo OpenURL Link [Full Text](#) [+View abstract]
3. Title: **Antenna design for UHF RFID tags: A review and a practical application**  
Author(s): Rao KVS; Nikitin PV; Lam SF  
Source: IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION Volume: 53 Issue: 12 Pages: 3870-3876 DOI: 10.1109/TAP.2005.859919 Published: DEC 2005

## Fully integrated passive UHF RFID transponder IC with 16.7- $\mu$ W minimum RF input power

**Author(s):** Karthaus, U (Karthaus, U); Fischer, M (Fischer, M)

**Source:** IEEE JOURNAL OF SOLID-STATE CIRCUITS **Volume:** 38 **Issue:** 10 **Pages:** 1602-1608 **DOI:** 10.1109/JSSC.2003.817249 **Published:** OCT 2003

**Times Cited:** 281 (from Web of Science)

**Cited References:** 4 [ [view related records](#) ]  [Citation Map](#)

**Abstract:** This paper presents a novel fully integrated passive transponder IC with 4.5-, or 9.25-m reading distance at 500-mW ERP or 4-W EIRP base-station transmit power, respectively, operating in the 868/915-MHz ISM band with an antenna gain less than -0.5 dB. Apart from the printed antenna, there are no external components. The IC is implemented in a 0.5- $\mu$ m digital two-poly two-metal digital CMOS technology with EEPROM and Schottky diodes. The IC's power supply is taken from the energy of the received RF electromagnetic field with help of a Schottky diode voltage multiplier. The IC includes dc power supply generation, phase shift keying backscatter modulator, pulse width modulation demodulator, EEPROM, and logic circuitry including some finite state machines handling the protocol used for wireless write and read access to the IC's EEPROM and for the anticollision procedure. The IC outperforms other reported radio-frequency identification ICs by a factor of three in terms of required receive power level for a given base-station transmit power and tag antenna gain.

**Accession Number:** WOS:000185568500002

**Document Type:** Article

**Language:** English

**Author Keywords:** passive transponder; radio-frequency identification (RFID); low-power low-voltage CMOS; backscatter modulation

**Reprint Address:** Karthaus, U (reprint author), ATMEL Germany GmbH, D-89081 Ulm, Germany

### Addresses:

1. ATMEL Germany GmbH, D-89081 Ulm, Germany
2. ATMEL Germany GmbH, D-74072 Heilbronn, Germany

**Publisher:** IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 445 HOES LANE, PISCATAWAY, NJ 08855 USA

**Web of Science Category:** Engineering, Electrical & Electronic

**Subject Category:** Engineering

Bauernfeind, Thomas. Influence of the Non-Linear UHF-RFID IC Impedance on the Backscatter Abilities of a T-Match Tag Antenna Design. IEEE TRANSACTIONS ON MAGNETICS, FEB 2012.

Rodriguez-Rodriguez, Jose A. An Ultralow-Power Mixed-Signal Back End for Passive Sensor UHF RFID Transponders. IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, FEB 2012.

Reinisch, Hannes. A Multifrequency Passive Sensing Tag With On-Chip Temperature Sensor and Off-Chip Sensor Interface Using EPC HF and UHF RFID Technology. IEEE JOURNAL OF SOLID-STATE CIRCUITS, DEC 2011.

[ [view all 314 citing articles](#) ]

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### Related Records:

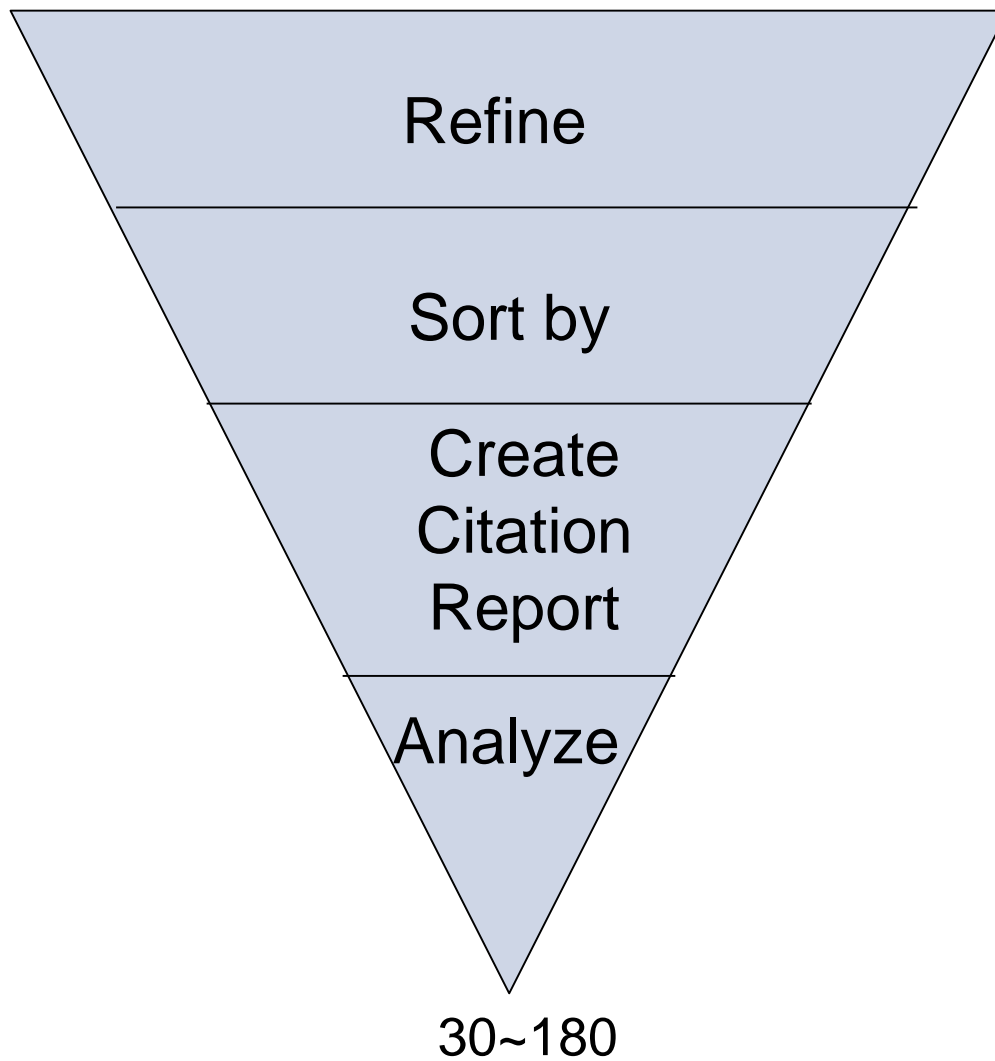
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**Cited References:** 4

資料由多到少..

General Keywords ~10,000





# 大綱

## 1. Web of Knowledge (WOK)介面介紹

- A. 註冊與個人化功能
- B. Web of Science收錄內容介紹

## 2. WOS檢索

- A. 萬用字元
- B. 檢索類型介紹
- C. 檢索結果頁面
- D. 全紀錄頁面

## 3. 資料由多到少

- A. Refine
- B. Sort by
- C. Create Citation report
- D. Analyze Result

## 4. 資料由少到多

- A. References 與 Times Cited
- B. Citation Map
- C. Related Records
- D. Keyword Plus

## 5. 其他附加功能

- A. Marked list
- B. Search History
- C. Export
- D. Create Citation Alert
- E. Additional Information

## 6. EndNote Web



Results: **8,978**Page  of 898  Sort by:  ▼**Refine Results**

Search within results for

 ▼ **Web of Science Categories** 

- ENGINEERING ELECTRICAL ELECTRONIC (4,617)
- TELECOMMUNICATIONS (2,771)
- COMPUTER SCIENCE THEORY METHODS (1,690)
- COMPUTER SCIENCE INFORMATION SYSTEMS (1,602)
- COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (999)

[more options / values...](#)▼ **Document Types** 

- PROCEEDINGS PAPER (5,817)
- ARTICLE (3,097)
- BOOK CHAPTER (172)
- NEWS ITEM (139)
- EDITORIAL MATERIAL (107)

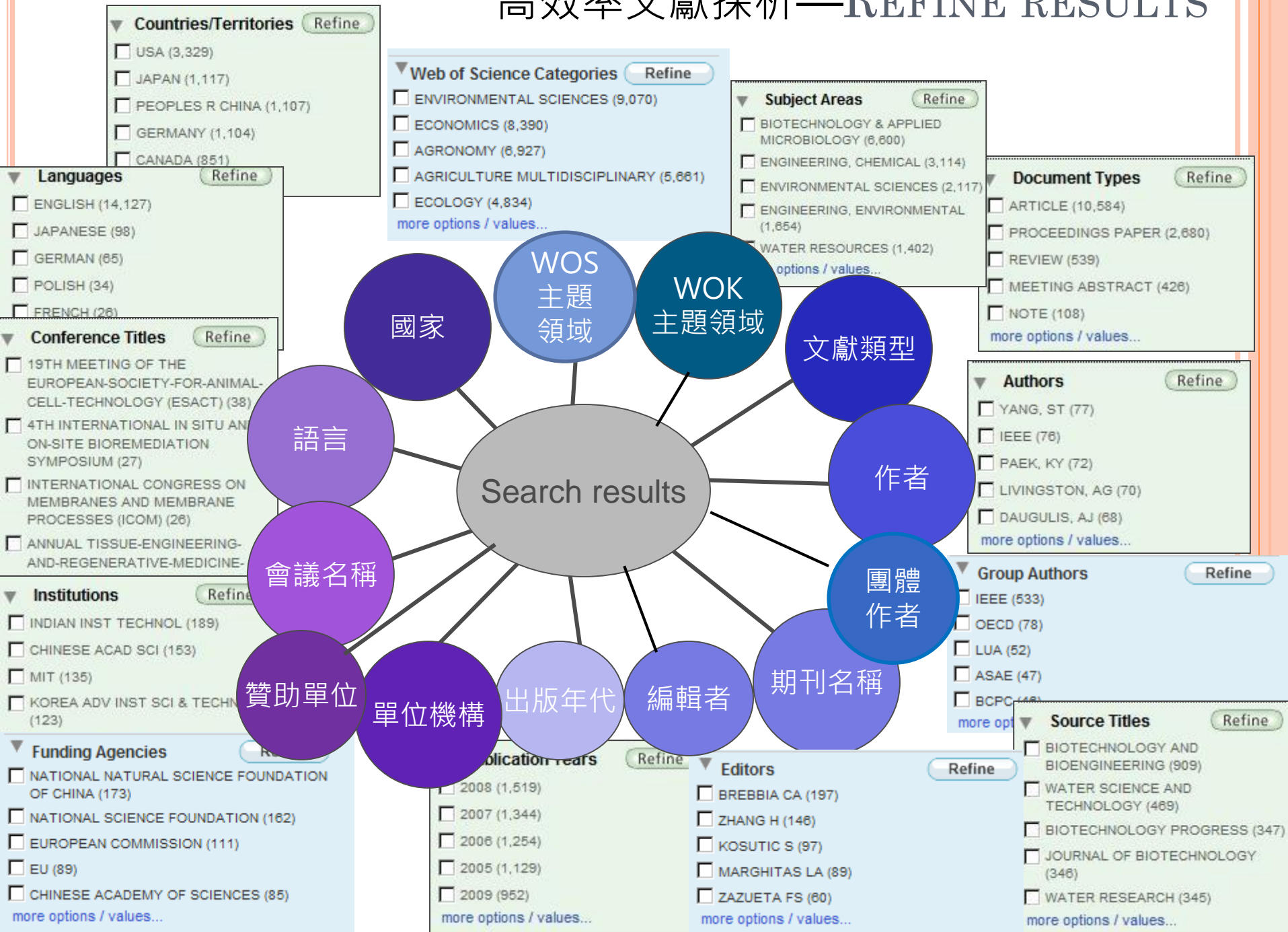
[more options / values...](#)▶ **Research Areas**▶ **Authors**▶ **Group Authors**▶ **Editors**▶ **Source Titles**▶ **Book Series Titles**

(0) |   Save to:

1. Title: **Efficient Implementation of RFID Mutual Authentication Protocol**  
 Author(s): Huang, Yu-Jung; Lin, Wei-Cheng; Li, Hung-Lin  
 Source: IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS Volume: 59 Issue: 12 Pages: 4784-4791 DOI: 10.1109/TIE.2011.2178215 Published: DEC 2012  
 Times Cited: 0 (from Web of Science)
- [
2. Title: **Interference Helps to Equalize the Read Range and Reduce False Positives of Passive RFID Tags**  
 Author(s): Krigslund, Rasmus; Popovski, Petar; Pedersen, Gert Frolund; et al.  
 Source: IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS Volume: 59 Issue: 12 Pages: 4821-4830 DOI: 10.1109/TIE.2011.2182020 Published: DEC 2012  
 Times Cited: 0 (from Web of Science)
- [
3. Title: **Wavelet Fingerprinting of Radio-Frequency Identification (RFID) Tags**  
 Author(s): Bertoncini, Crystal; Rudd, Kevin; Nousain, Bryan; et al.  
 Source: IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS Volume: 59 Issue: 12 Pages: 4843-4850 DOI: 10.1109/TIE.2011.2179276 Published: DEC 2012  
 Times Cited: 0 (from Web of Science)
- [
4. Title: **A simulation approach for optimal design of RFID sensor tag-based cold chain systems**  
 Author(s): Kang, Yong-Shin; Jin, Heeju; Ryou, Okhyun; et al.  
 Source: JOURNAL OF FOOD ENGINEERING Volume: 113 Issue: 1 Pages: 1-10 DOI: 10.1016/j.jfoodeng.2012.05.036 Published: NOV 2012



# 高效率文獻探析—REFINE RESULTS



Results: 8,978

Page 1 of 898 Go

Sort by: Times Cited -- highest to lowest

Hide Refine

## Refine Results

Search within results for

 Search

### Web of Science Categories Refine

- ENGINEERING ELECTRICAL ELECTRONIC (4,817)
  - TELECOMMUNICATIONS (2,771)
  - COMPUTER SCIENCE THEORY METHODS (1,890)
  - COMPUTER SCIENCE INFORMATION SYSTEMS (1,602)
  - COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (999)
- [more options / values...](#)

### Document Types Refine

- PROCEEDINGS PAPER (5,817)
  - ARTICLE (3,097)
  - BOOK CHAPTER (172)
  - NEWS ITEM (139)
  - EDITORIAL MATERIAL (107)
- [more options / values...](#)

### Research Areas

- ▶ Authors
- ▶ Group Authors
- ▶ Editors
- ▶ Source Titles
- ▶ Book Series Titles

+ (0) Save to: ENDNOTE® WEB ENDNOTE®

ResearcherID more options

1. Title: **Fully integrated passive UHF RFID transponder IC with power**  
Author(s): Karthaus, U; Fischer, M  
Source: IEEE JOURNAL OF SOLID-STATE CIRCUITS Volume: 38 Issue: 10  
DOI: 10.1109/JSSC.2003.817249 Published: OCT 2003  
Times Cited: 293 (from Web of Science)

S-F-X Full Text View abstract

2. Title: **RFID security and privacy: A research survey**  
Author(s): Juels, A  
Source: IEEE JOURNAL ON SELECTED TOPICS IN SIGNAL PROCESSING  
DOI: 10.1109/JSTSP.2007.381394  
Times Cited: 271 (from Web of Science)

S-F-X Full Text

3. Title: **Antenna design for UHF RFID systems**  
Author(s): Rao, KVS; Nikitin, P  
Source: IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION  
DOI: 10.1109/TAP.2007.38703876  
Times Cited: 249 (from Web of Science)

S-F-X Full Text

4. Title: **An introduction to RFID**  
Author(s): Want, R  
Source: IEEE PERSASIVE COMPUTING  
Published: JAN-MAR 2006  
Times Cited: 203 (from Web of Science)

Sort by: Times Cited -- highest to lowest

- Publication Date -- newest to oldest
- Publication Date -- oldest to newest
- Processing Date -- newest to oldest
- ~~Processing 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

Sort by: Publication Date -- newest to oldest

- Publication Date -- newest to oldest**
- Publication Date -- oldest to newest
- Processing Date -- newest to oldest
- Processing 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



Results: **8,978**

Page 1 of 898 Go

Sort by: Publication Date -- newest to oldest

Hide Refine

### Refine Results

Search within results for

#### Web of Science Categories

ENGINEERING ELECTRICAL ELECTRONIC (4,617)

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COMPUTER SCIENCE INFORMATION SYSTEMS (1,602)

COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (999)

[more options / values...](#)

#### Document Types

PROCEEDINGS PAPER (5,817)

ARTICLE (3,097)

BOOK CHAPTER (172)

NEWS ITEM (139)

EDITORIAL MATERIAL (107)

[more options / values...](#)

#### Research Areas

Authors

Group Authors

Editors

Source Titles

Book Series Titles

(0) | Save to:

1. Title: **Efficient Implementation of RFID Mutual Authentication Protocol**  
Author(s): Huang, Yu-Jung; Lin, Wei-Cheng; Li, Hung-Lin  
Source: IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS Volume: 59 Issue: 12 Pages: 4784-4791 DOI: 10.1109/TIE.2011.2178215 Published: DEC 2012  
Times Cited: 0 (from Web of Science)  
  [
2. Title: **Interference Helps to Equalize the Read Range and Reduce False Positives of Passive RFID Tags**  
Author(s): Krigslund, Rasmus; Popovski, Petar; Pedersen, Gert Frolund; et al.  
Source: IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS Volume: 59 Issue: 12 Pages: 4821-4830 DOI: 10.1109/TIE.2011.2182020 Published: DEC 2012  
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3. Title: **Wavelet Fingerprinting of Radio-Frequency Identification (RFID) Tags**  
Author(s): Bertoncini, Crystal; Rudd, Kevin; Noursain, Bryan; et al.  
Source: IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS Volume: 59 Issue: 12 Pages: 4843-4850 DOI: 10.1109/TIE.2011.2179276 Published: DEC 2012  
Times Cited: 0 (from Web of Science)  
  [
4. Title: **A simulation approach for optimal design of RFID sensor tag-based cold chain systems**  
Author(s): Kang, Yong-Shin; Jin, Heeju; Ryou, Okhyun; et al.  
Source: JOURNAL OF FOOD ENGINEERING Volume: 113 Issue: 1 Pages: 1-10 DOI: 10.1016/j.jfoodeng.2012.05.036 Published: NOV 2012

# ANALYZE RESULTS

## Results Analysis

[<<Back to previous page](#)

8,978 records. Topic=(RFID)

Rank the records by this field:	Set display options:	Sort by:
<ul style="list-style-type: none"><li>Organizations</li><li>Organizations-Enhanced</li><li>Publication Years</li><li>Research Areas</li></ul>	Show the top <input type="text" value="10"/> Results. Minimum record count (threshold): <input type="text" value="2"/>	<input checked="" type="radio"/> Record count <input type="radio"/> Selected field
<input type="button" value="Analyze"/>		

- Authors
- Conference Titles
- Countries/Territories
- Document Types
- Editors
- Funding Agencies
- Grant Numbers
- Group Authors
- Institutions
- Languages
- Publication Years
- Source Titles
- Subject Areas
- Web of Science Categories

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

<input checked="" type="button" value="View Records"/>	Field: Organizations	Record Count	% of 8978	Bar Chart
<input type="checkbox"/>	GEORGIA INST TECHNOL	112	1.247 %	
<input type="checkbox"/>	PUSAN NATL UNIV	84	0.936 %	
<input type="checkbox"/>	KOREA UNIV	83	0.924 %	
<input type="checkbox"/>	ELECT TELECOMMUN RES INST	81	0.902 %	
<input type="checkbox"/>	TAMPERE UNIV TECHNOL	77	0.858 %	
<input type="checkbox"/>	HONG KONG UNIV SCI TECHNOL	69	0.769 %	
<input type="checkbox"/>	S CHINA UNIV TECHNOL	66	0.735 %	
<input type="checkbox"/>	KOREA ADV INST SCI TECHNOL	65	0.724 %	



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).

<input type="checkbox"/>	Field: Organizations	Record Count	% of 8978
<input type="checkbox"/>	GEORGIA INST TECHNOL	112	1.247 %
<input type="checkbox"/>	PUSAN NATL UNIV	84	0.936 %
<input type="checkbox"/>	KOREA UNIV	83	0.924 %
<input type="checkbox"/>	ELECT TELECOMMUN RES INST	81	0.902 %
<input type="checkbox"/>	TAMPERE UNIV TECHNOL	77	0.858 %
<input type="checkbox"/>	HONG KONG UNIV SCI TECHNOL	69	0.769 %
<input type="checkbox"/>	S CHINA UNIV TECHNOL	66	0.735 %
<input type="checkbox"/>	KOREA ADV INST SCI TECHNOL	65	0.724 %
<input type="checkbox"/>	CHINESE ACAD SCI	63	0.702 %
<input type="checkbox"/>	HONG KONG POLYTECH UNIV	63	0.702 %

Save Analysis Data to File

- Bar Chart
- Data rows displayed in table
  - All data rows

檔案下載

是否要開啓或儲存這個檔案?



名稱: analyze.txt

類型: 文字文件

從: wcs.webofknowledge.com

開啓舊檔 (O)

儲存 (S)

取消



雖然來自網際網路的檔案可能是有用的，但是某些檔案有可能會傷害您的電腦。如果您不信任其來源，請不要開啓或儲存這個檔案。[有什麼樣的風險?](#)

另存新檔

儲存於 (I): 桌面

Save Analysis Data to File

Bar Chart

- Data rows displayed in table
- All data rows

- 我的文件
- 我的電腦
- 網路上的芳鄰
- EndNoteD
- X6
- 彰基重要文件
- 重要文件

匯出ANALYZE RESULTS  
至EXCEL

檔名 (N):

analyze.txt

儲存 (S)

存檔類型 (T):

文字文件

取消

analyze.txt - Microsoft Excel

常用 插入 版面配置 公式 資料 校閱 檢視 增益集 設計 版面配置 格式

變更 另存 圖表類型 為範本 類型

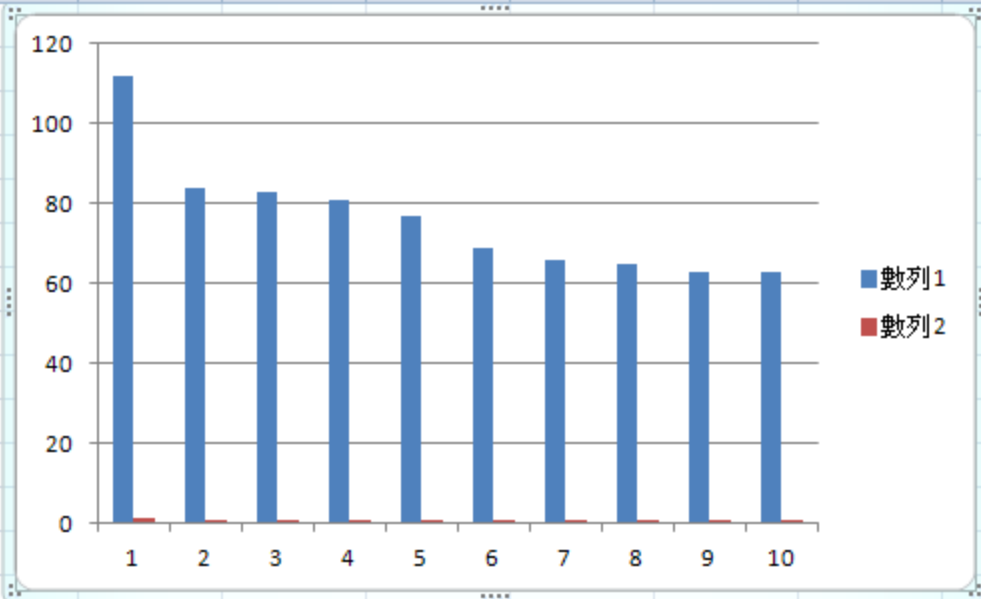
切換列/欄 選取資料 資料

圖表版面配置

圖表樣式

圖表 2

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Organizational records		% of null										
2	GEORGIA	112	1.247										
3	PUSAN NA	84	0.936										
4	KOREA U	83	0.924										
5	ELECT TE	81	0.902										
6	TAMPERE	77	0.858										
7	HONG KO	69	0.769										
8	S CHINA U	66	0.735										
9	KOREA A	65	0.724										
10	CHINESE	63	0.702										
11	HONG KO	63	0.702										



12 (1208 Organizations value(s) outside display options.)

13 (527(5.870%)do not contain data in the field being analyzed.)

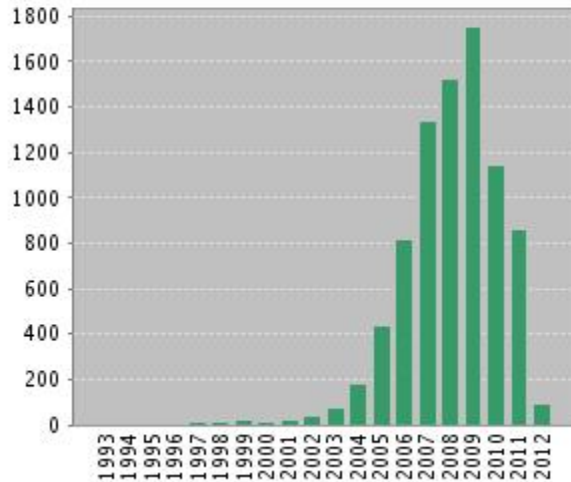


## Citation Report Topic=(RFID)

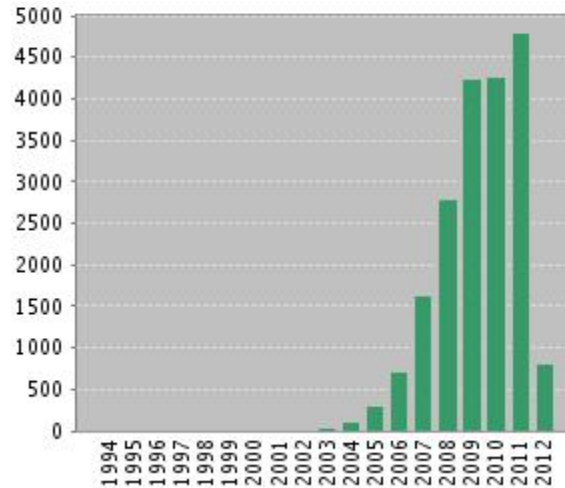
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, CCR-EXPANDED, IC.

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



### Citations in Each Year



Results found:	8361
Sum of the Times Cited [?]:	19746
Sum of Times Cited without self-citations [?]:	7009
Citing Articles [?]:	9543
Citing Articles without self-citations [?]:	5603
Average Citations per Item [?]:	2.36
h-index [?]:	52

Results: **8361**

Page 1 of 837 [Go](#)

Sort by: Times Cited -- highest to lowest

	2008	2009	2010	2011	2012	Total	Average Citations per Year
<input type="checkbox"/> Use the checkboxes to remove individual items from this Citation Report or restrict to items published between 1898 and 2012 <a href="#">Go</a>	2787	4249	4276	4786	805	19746	1039.26
<input type="checkbox"/> 1. Title: <b>Fully integrated passive UHF RFID transponder IC with 16.7-<math>\mu</math>W minimum RF input power</b> Author(s): Karthaus U; Fischer M Source: IEEE JOURNAL OF SOLID-STATE CIRCUITS Volume: 38 Issue: 10 Pages: 1602-1608 DOI: 10.1109/JSSC.2003.817249 Published: OCT 2003	48	60	39	29	2	281	28.10
<input type="checkbox"/> 2. Title: <b>RFID security and privacy: A research survey</b> Author(s): Juels A Source: IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS Volume: 24 Issue: 2 Pages: 381-394 DOI: 10.1109/JSAAC.2005.861395 Published: FEB 2006	43	71	45	38	6	243	34.71

- 9. Title: **RFID technologies: Supply-chain applications and implementation issues**  
 Author(s): Angeles R  
 Source: INFORMATION SYSTEMS MANAGEMENT Volume: 22 Issue: 1 Pages: 51-65 DOI: 10.1201/1078/44912.22.1.20051201/85739.7 Published: WIN 2005
  
- 10. Title: **Authenticating pervasive devices with human protocols**  
 Author(s): Juels A; Weis SA  
 Editor(s): Shoup V  
 Conference: 25th Annual International Cryptology Conference Location: Santa Barbara, CA  
 Date: AUG 14-18, 2005  
 Sponsor(s): Int Assoc Cryptol Res; IEEE Comp Sci Tech Comm Secur & Privacy; Univ Calif Santa Barbara, Comp Sci Dept  
 Source: ADVANCES IN CRYPTOLOGY - CRYPTO 2005, PROCEEDINGS Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume: 3621 Pages: 293-308 Published: 2005

24	38	19	21	8	127	15.88
24	27	18	14	2	119	14.88

Results: **8361** Page  of 837  Sort by: **Times Cited -- highest to lowest**

**Output Records**

**Step 1:**

Selected Records on page  
 All records on page  
 Records  to

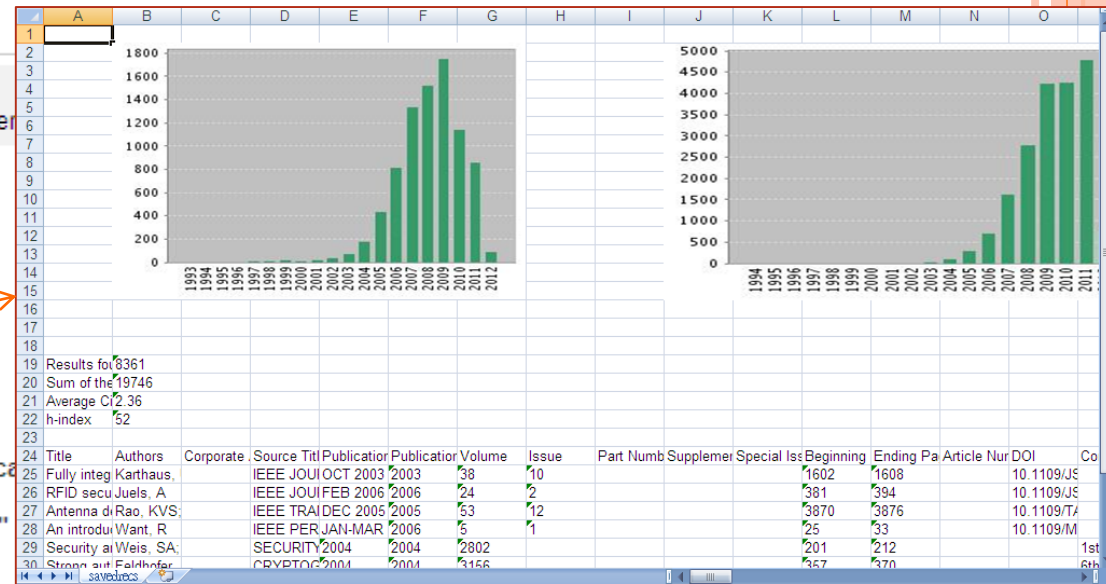
**Step 2:**

**Processing Records**

Please wait while your request is processed.  
 (Note: Depending on the number of records, this may take a few moments)

Product: Web of Science  
 Selected action: Save to File  
 Processing 10 records:

10... Done



- If the "Save As" dialog does not appear automatica
  
- When you are done saving the file, click "Return."



# 大綱

## 1. Web of Knowledge (WOK)介面介紹

- A. 註冊與個人化功能
- B. Web of Science收錄內容介紹

## 2. WOS檢索

- A. 萬用字元
- B. 檢索類型介紹
- C. 檢索結果頁面
- D. 全紀錄頁面

## 3. 資料由多到少

- A. Refine
- B. Sort by
- C. Create Citation report
- D. Analyze Result

## 4. 資料由少到多

- A. References 與 Times Cited
- B. Citation Map
- C. Related Records
- D. Keyword Plus

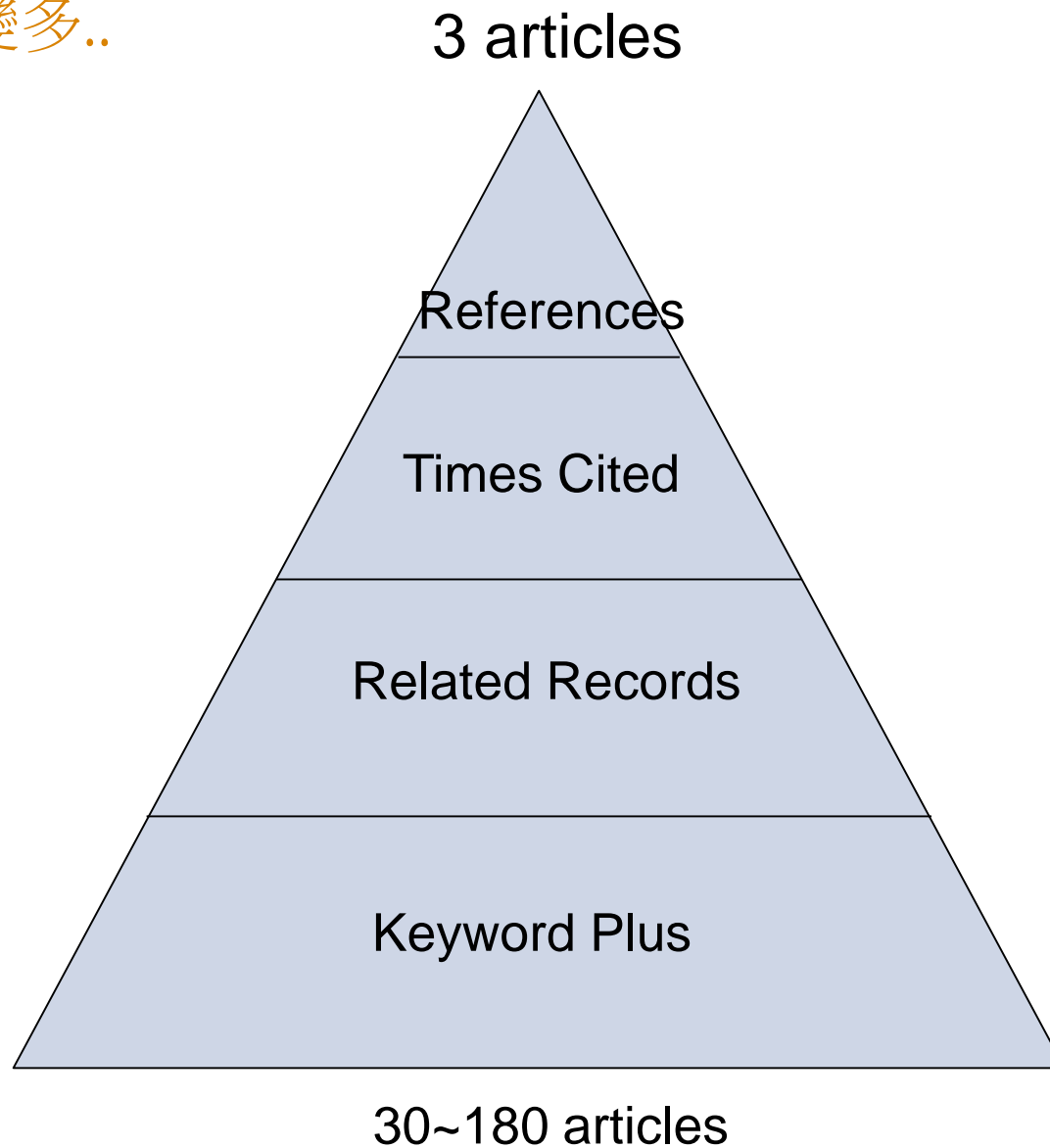
## 5. 其他附加功能

- A. Marked list
- B. Search History
- C. Export
- D. Create Citation Alert
- E. Additional Information

## 6. EndNote Web



資料由少變多..



# 引文與被引的概念



Cited References

Times Cited

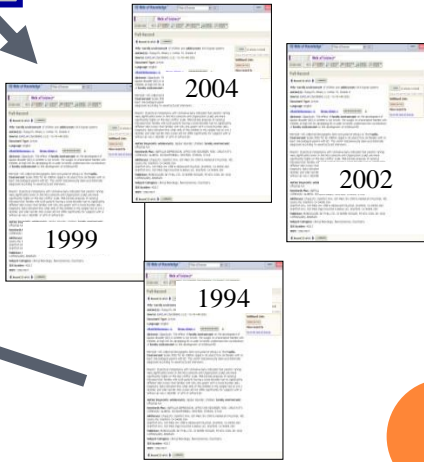
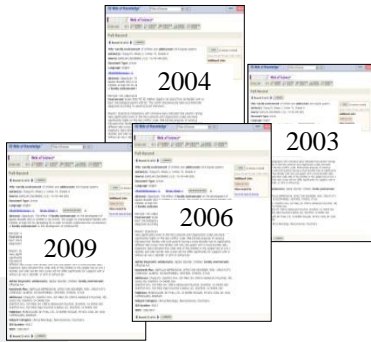
往後探索

Related Records

往前追溯

跨學科

例如：一篇遺傳學方面的文獻，引用了生化、醫學、核子科學等方面的文獻



# KEYWORDS PLUS

[Full Text](#)  SFX Demo OpenURL Link  
a UIUC Catalog

Save to: [EndNote Web](#) [EndNote](#)  
[ResearcherID](#) [more options](#)

## A wideband frequency-shift keying wireless link for inductively powered biomedical implants

**Author(s):** Ghovanloo, M (Ghovanloo, M); Najafi, K (Najafi, K)

**Source:** IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS Volume: 51 Issue: 12 Pages: 2374-2383 DOI: 10.1109/TCSI.2004.838144 Published: DEC 2004

**Times Cited:** 75 (from Web of Science)

**Cited References:** 31 [[view related records](#)] [Citation Map](#)

**Abstract:** A high data-rate frequency-shift keying (FSK) modulation protocol, a wideband inductive link, and three demodulator circuits have been developed with a data-rate-to-carrier-frequency ratio of up to 67%. The primary application of this novel FSK modulation/demodulation technique is to send data to inductively powered wireless biomedical implants at data rates in excess of 1 Mbps, using comparable carrier frequencies. This method can also be used in other applications such as radio-frequency identification tags and contactless smartcards by adding a back telemetry link. The inductive link utilizes a series-parallel inductive-capacitance tank combination on the transmitter side to provide more than 5 MHz of bandwidth. The demodulator circuits detect data bits by directly measuring the duration of each received FSK carrier cycle, as well as derive a constant frequency clock, which is used to sample the data bits. One of the demodulator circuits, digital FSK, occupies 0.29 mm(2) in the AMI 1.5- $\mu$ m, 2M/2P, standard CMOS process, and consumes 0.38 mW at 5 V. This circuit is simulated up to 4 Mbps, and experimentally tested up to 2.5 Mbps with a bit error rate of  $10^{-5}$ , while receiving a 5/10-MHz FSK carrier signal. It is also used in a wireless implantable neural microstimulation system.

**Accession Number:** WOS:000225484600005

**Document Type:** Article

**Language:** English

**Author Keywords:** biomedical implants; CMOS; data rate; demodulator; inductive coupling; frequency-shift keying (FSK); radio frequency (RF); RF identification (RFID); wireless

**KeyWords Plus:** SYSTEM; STIMULATION; DESIGN; COILS; CHIP

**Reprint Address:** Ghovanloo, M (reprint author), N Carolina State Univ, Dept Elect & Comp Engn, Bion Lab, Raleigh, NC 27695 USA

**Addresses:**

### Times Cited: 78

This article has been cited 78 times in Web of Knowledge.

Hannan, Mahammad A. Modulation Techniques for Biomedical Implanted Devices and Their Challenges. SENSORS, JAN 2012.

Aubert, Herve. RFID technology for human implant devices. COMPTES RENDUS PHYSIQUE, SEP 2011.

Nabovati, Ghazal. Ultra-low power self-calibrating process-insensitive BPSK demodulator for bio-implantable chips. IEICE ELECTRONICS EXPRESS, JUN 10 2011.

[ [view all 78 citing articles](#) ]

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### Related Records:

Find similar Web of Knowledge records based on shared references.

[ [view related records](#) ]

### Cited References: 31

View the bibliography of this record (from Web of Science<sup>SM</sup>).

[Citation Map](#)

# TIMES CITED

## Citing Articles

Title: **A wideband frequency-shift keying wireless link for inductively powered biomedical implants**

Author(s): Ghovanloo M ; Najafi K


Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS Volume: 51 Issue: 12 Pages: 2374-2383 DOI:


10.1109/TC.SI.2004.838144 Published: DEC 2004

 Citation Map

This article has been cited by articles indexed in the databases listed below. [\[more information\]](#)

78 in All Databases


 75 in Web of Science

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

31 in Science Citation Index Expanded (SCIE)


0 in Social Science Citation Index (SSCI)

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

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

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

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

 4 in Book Citation Index- Science (BKCI-S); Book Citation Index- Social Sciences & Humanities (BKCI-SSH)

4 in Book Citation Index- Science (BKCI-S)

0 in Book Citation Index- Social Sciences & Humanities (BKCI-SSH)

3 in BIOSIS Citation Index

3 in Chinese Science Citation Database

Results: 75

Page 1 of 8 

Sort by:

## Refine Results

Search within results for

Web of Science Categories

ENGINEERING ELECTRICAL ELECTRONIC (54)

ENGINEERING BIOMEDICAL (24)

NANOSCIENCE NANOTECHNOLOGY (5)

TELECOMMUNICATIONS (5)



(0)



Save to:

[more options](#)

1. Title: **Modulation Techniques for Biomedical Implanted Devices and Their Challenges**

Author(s): Hannan Mohammad A.; Abbas Saad M.; Samad Salina A.; et al.

Source: SENSORS Volume: 12 Issue: 1 Pages: 297-319 DOI: 10.3390/s120100297 Published: JAN 2012

Times Cited: 0 (from Web of Science)

[SFX Demo OpenURL Link](#)

# CITED REFERENCES

Web of Science<sup>SM</sup>

<< Back to previous page

## Cited References

Title: **A wideband frequency-shift keying wireless link for inductively powered biomedical implants**

Author(s): Ghovanloo M ; Najafi K

Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS Volume: 51 Issue: 12 Pages: 2374-2383 DOI: 10.1109/TCSI.2004.838144 Published: DEC 2004

 Citation Map

References: 31

Page 1 of 2  





To find Related Records: Clear the checkbox of an item if you do not want to retrieve articles that cited the item. Then click "Find Related Records."

1. Title: **A new Contactless Smart Card IC using an on-chip antenna and an asynchronous microcontroller**  
Author(s): Abrial A; Bouvier J; Renaudin M; et al.  
Conference: **26th European Solid-State Circuit Conference (ESSCIRC)** Location: STOCKHOLM, SWEDEN Date: SEP 19-21, 2000  
Source: IEEE JOURNAL OF SOLID-STATE CIRCUITS Volume: 36 Issue: 7 Pages: 1101-1107 DOI: 10.1109/4.933467 Published: JUL 2001  
Times Cited: 43 (from Web of Science)  

2. Title: **SIMULATION OF A PHOSPHENE-BASED VISUAL-FIELD - VISUAL-ACUITY IN A PIXELIZED VISION SYSTEM**  
Author(s): CHA KH; HORCH K; NORMANN RA  
Source: ANNALS OF BIOMEDICAL ENGINEERING Volume: 20 Issue: 4 Pages: 439-449 DOI: 10.1007/BF02368135 Published: 1992  
Times Cited: 87 (from Web of Science)  

3. Title: [not available]  
Author(s): FINKENZELLER K  
Source: RFID HDB Published: 2003  
Times Cited: 450 (from Web of Science)

沒有被WOS收錄，  
但是有被其他文章  
所引用

# RELATED RECORDS

## Related Records

Title: **A wideband frequency-shift keying wireless link for inductively powered biomedical implants**

Author(s): Ghovanloo M ; Najafi K

Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS Volume: 51 Issue: 12 Pages: 2374-2383 DOI: 10.1109/TCSI.2004.838144 Published: DEC 2004

Cited References: 31 Selected References: 31

The records listed below are related to the above record based on common references.

Results: 1,445

Page 1 of 145 Go

Sort by: Relevance

## Refine Results

Search within results for

Search

### Web of Science Categories Refine

ENGINEERING ELECTRICAL ELECTRONIC (751)

ENGINEERING BIOMEDICAL (349)

TELECOMMUNICATIONS (208)

NEUROSCIENCES (129)

COMPUTER SCIENCE HARDWARE ARCHITECTURE (84)

[more options / values...](#)

### Document Types Refine

PROCEEDINGS PAPER (755)

ARTICLE (709)

REVIEW (55)

BOOK CHAPTER (44)

BOOK (6)

[more options / values...](#)

### Subject Areas

### Authors

### Group Authors

(0) Save to: [EndNote Web](#) [EndNote](#)  
[ResearcherID](#) [more options](#)

Analyze Results  
 Create Citation Report

1. Title: **A wideband wireless microstimulating AISC for cochlear implant**  
Author(s): Dong M; Zhang C; Mai SP; et al.  
Book Group Author(s): IEEE  
Conference: 17th International Conference on Microelectronics Location: Islamabad, PAKISTAN Date: DEC 13-15, 2005  
Sponsor(s): Univ Engn & Technol; IEEE; Univ Waterloo  
Source: 17th ICM 2005: 2005 International Conference on Microelectronics, Proceedings Pages: 274-278 Published: 2005  
Times Cited: 0 (from Web of Science)

[Order Full Text](#) [ [View abstract](#)]

2. Title: **A simple antenna design of Implantable RFID based on EFAB technology**  
Author(s): Guo Donghui; Chen Huajun; Cheng L. L.  
Editor(s): Kong JA  
Conference: Progress in Electromagnetics Research Symposium (PIERS 2008)  
Location: Hangzhou, PEOPLES R CHINA Date: MAR 24-28, 2008  
Sponsor(s): Zhejiang Univ; Natl Nat Sci Fdn China; Natl Key Lab Space Microwave Technol; Zhejiang Univ, Electromagnet Acad; Zhejiang Univ, Coll Info Sci & Engn; MIT, Ctr Electromagnet Theory & Applicat, Res Lab Elect; Electromagnet Acad  
Source: PIERS 2008 HANGZHOU: PROGRESS IN ELECTROMAGNETICS RESEARCH

10. Title: **A wireless implantable multichannel micro stimulating system-on-a-chip with modular architecture**  
Author(s): Ghovanloo Maysam; Najafi Khalil  
Source: IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING Volume: 15 Issue: 3 Pages: 449-457 DOI: 10.1109/TNSRE.2007.903970 Published: SEP 2007  
Times Cited: 33 (from Web of Science)

[SFX Demo OpenURL Link](#)

[Full Text](#) [ [View abstract](#)]

Cited Refs

Shared Refs

16

10

28

10

42

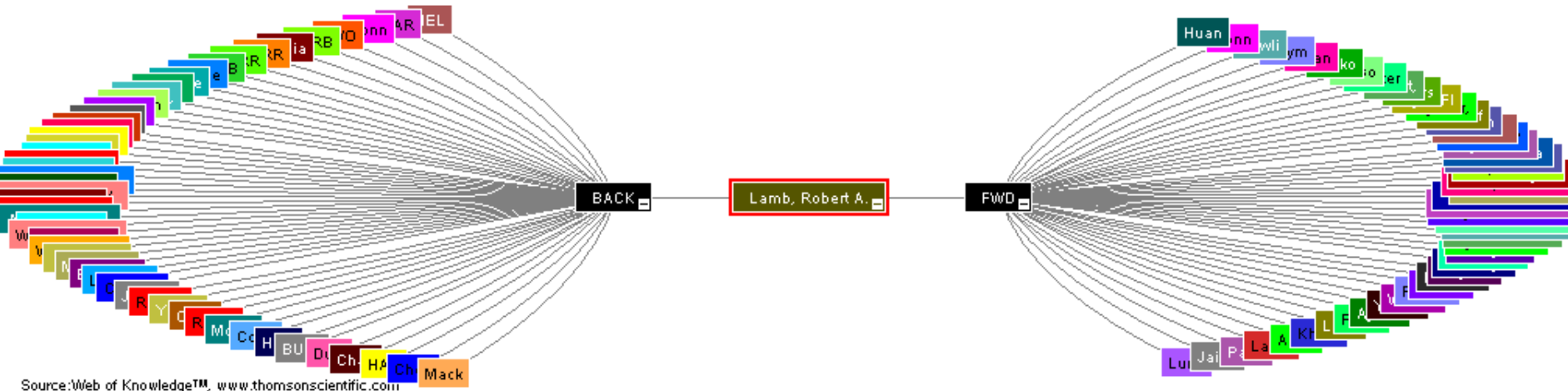
6

# CITATION MAP

Structural basis of viral invasion: lessons from paramyxovirus F

引证关系图帮助

1898 1923 1948 1973 1998 2011  
 1898 2011 <



节点的记录详细信息在下方显示 (双击节点可显示该节点详情) · 单击下面的复选框可定位上述节点 ·

<input type="checkbox"/>	<input type="button" value="↔"/>	Primary Author	Journal Name	Article Title
<input checked="" type="checkbox"/>	<input type="button" value="↔"/>	Lamb, Robert A.	2007-CURRENT OPINION IN STRUCTURAL BIOLOGY	Structural basis of viral inva...
<input type="checkbox"/>	<input type="button" value="↔"/>	WILSON, IA	1981-NATURE	STRUCTURE OF THE HEMAGGLUTININ...
<input type="checkbox"/>	<input type="button" value="↔"/>	CARR, CM	1993-CELL	A SPRING-LOADED MECHANISM FOR ...
<input type="checkbox"/>	<input type="button" value="↔"/>	HARBURY, PB	1993-SCIENCE	A SWITCH BETWEEN 2-STRANDED, 3...
<input type="checkbox"/>	<input type="button" value="↔"/>	BULLOUGH, PA	1994-NATURE	STRUCTURE OF INFLUENZA HEMAGGL...

Structural basis of viral invasion: lessons from paramyxovirus F

编号/标题 [WOS:000250423800007 / Structural basis of viral invasion: lessons from paramyxovirus F](#)

期刊名称 CURRENT OPINION IN STRUCTURAL BIOLOGY

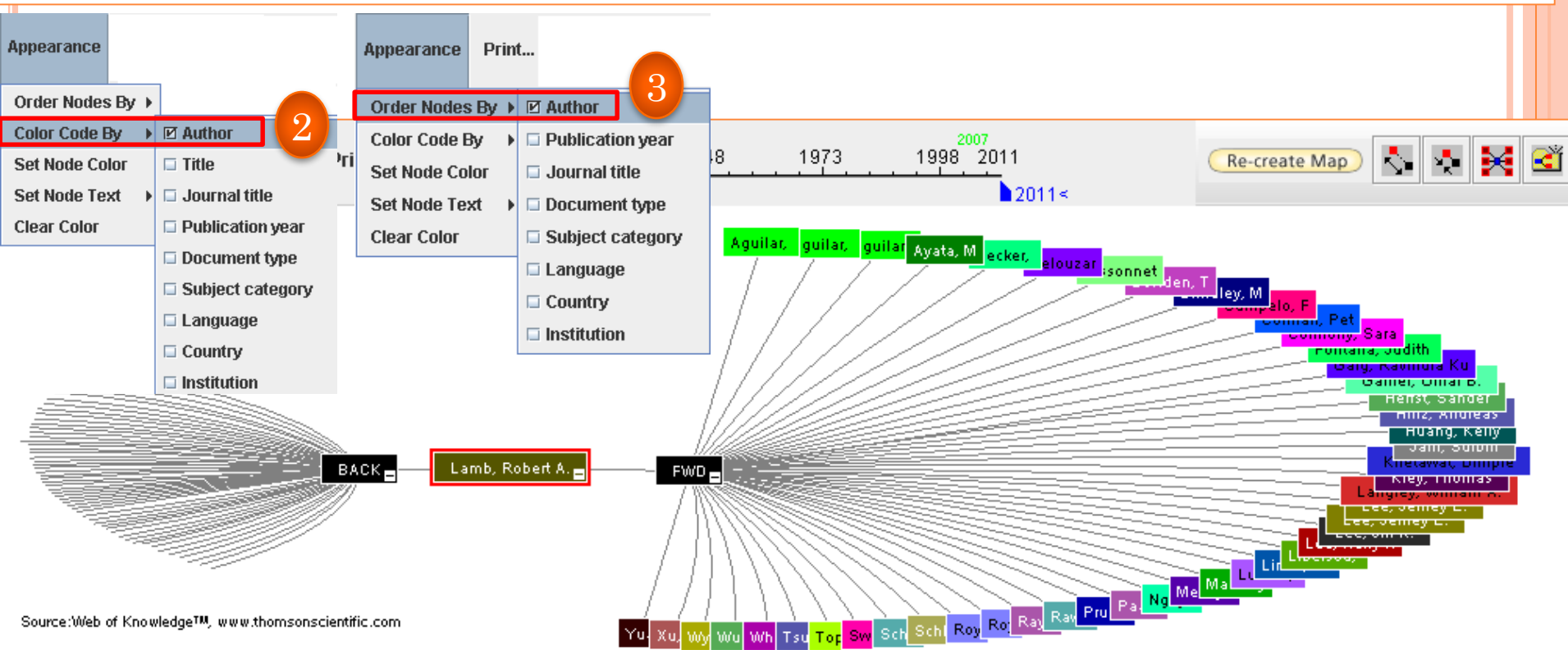
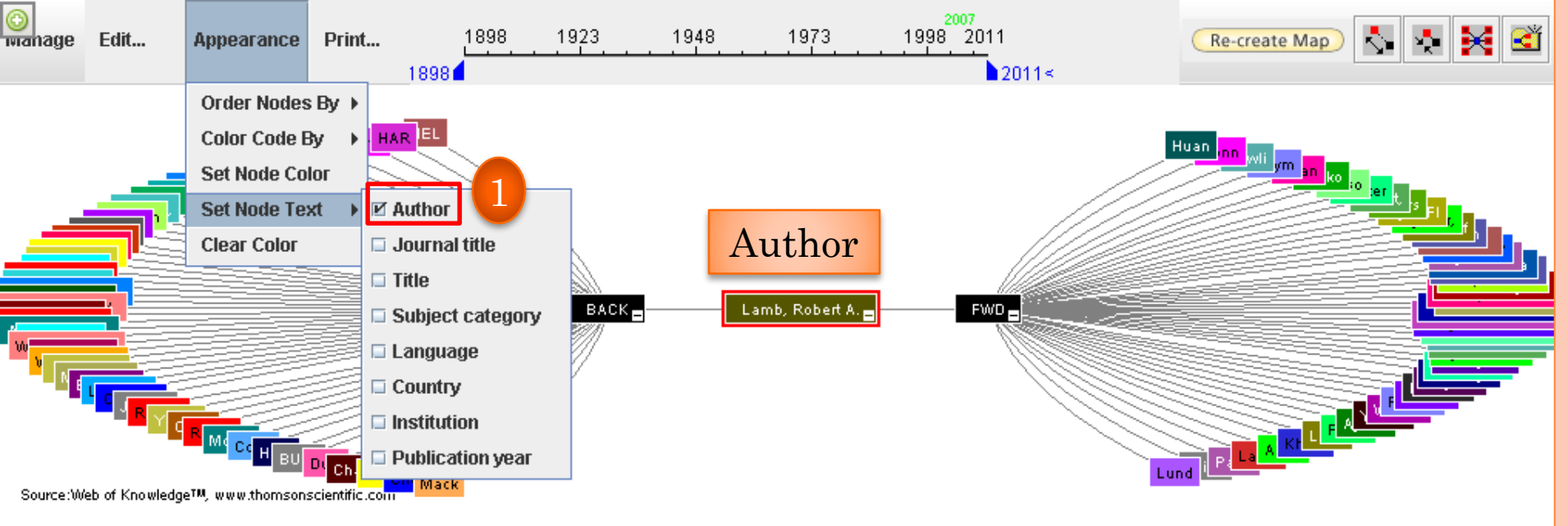
出版年 2007

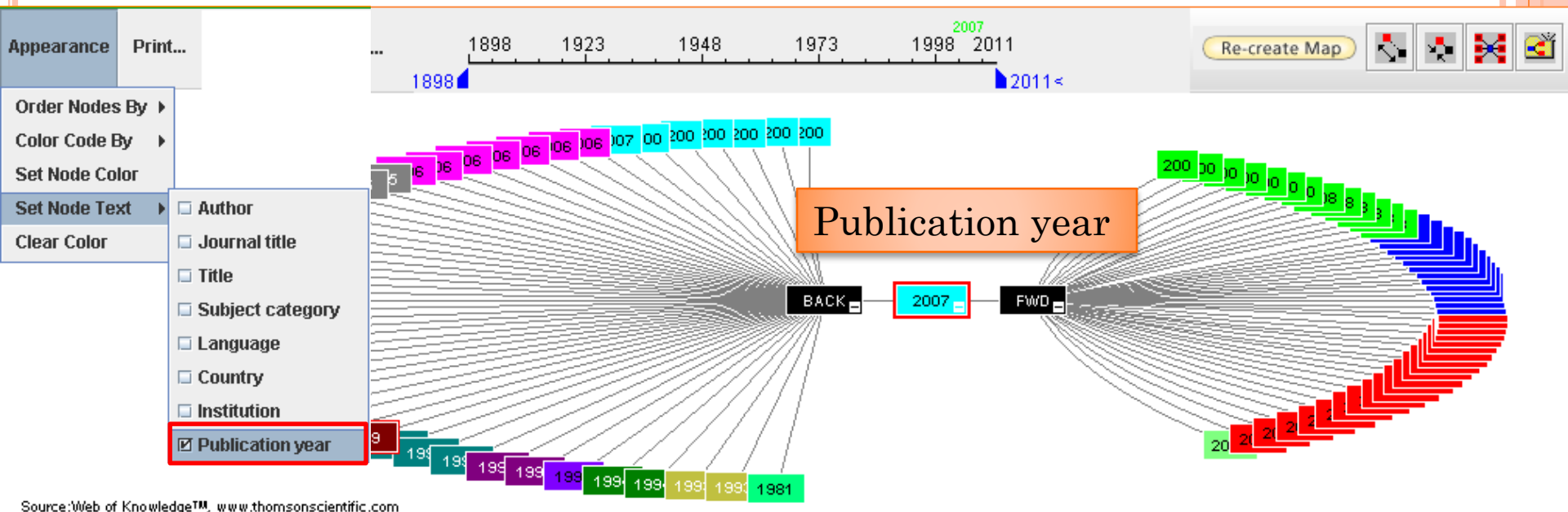
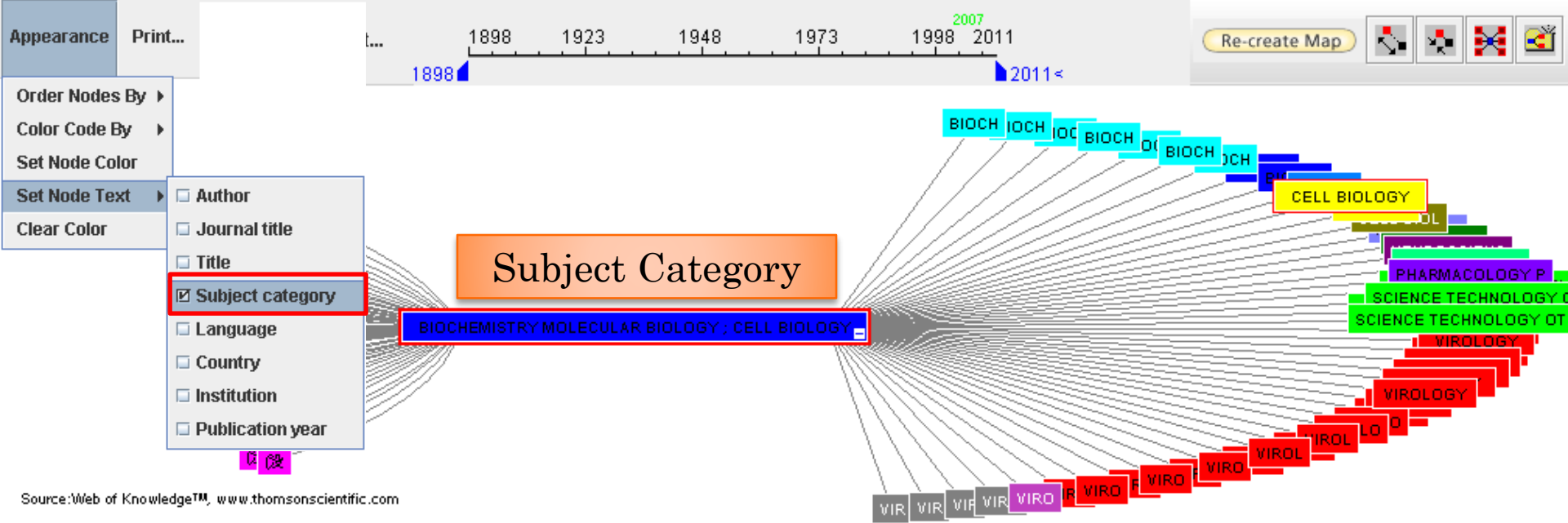
作者 Lamb R, Jardetzky T

来源出版物缩写 CURR OPIN STRUC BIOL

卷 17







# 大綱

## 1. Web of Knowledge (WOK)介面介紹

- A. 註冊與個人化功能
- B. Web of Science收錄內容介紹

## 2. WOS檢索

- A. 萬用字元
- B. 檢索類型介紹
- C. 檢索結果頁面
- D. 全紀錄頁面

## 3. 資料由多到少

- A. Refine
- B. Sort by
- C. Create Citation report
- D. Analyze Result

## 4. 資料由少到多

- A. References 與 Times Cited
- B. Citation Map
- C. Related Records
- D. Keyword Plus

## 5. 其他附加功能

- A. Marked list
- B. Search History
- C. Export
- D. Create Citation Alert
- E. Additional Information

## 6. EndNote Web



# MARKED LIST

## Web of Science<sup>SM</sup>

<< Back to previous page

Topic=(economy)

勾取所需資料，點選下列圖示即可完成。

Results: 8,651

Page 20 of 866 Go

Sort by: Times Cited -- highest to lowest

### Refine Results

Search within results for

Search

#### Web of Science Categories

Refine

MANAGEMENT (8,651)

BUSINESS (3,718)

OPERATIONS RESEARCH  
MANAGEMENT SCIENCE (2,409)

ECONOMICS (1,802)

ENGINEERING INDUSTRIAL (885)

[more options / values...](#)

#### Document Types

Refine

ARTICLE (6,351)

PROCEEDINGS PAPER (1,666)

BOOK REVIEW (457)

REVIEW (208)

EDITORIAL MATERIAL (161)

[more options / values...](#)

#### Subject Areas

#### Authors

(5)   Save to: [EndNote Web](#) [EndNote](#) [ResearcherID](#) [more options](#)

[Analyze Results](#)  
[Create Citation Report](#)

- 191. Title: **DYNAMIC INTERACTION BETWEEN STRATEGY AND TECHNOLOGY**  
Author(s): ITAMI H; NUMAGAMI T  
Source: STRATEGIC MANAGEMENT JOURNAL Volume: 13 Special Issue: SI Pages: 119-135 DOI: 10.1002/smj.4250130909 Published: WIN 1992  
Times Cited: 53 (from Web of Science)  
  
[Full Text](#)  
[View abstract](#)
- 192. Title: **Advanced manufacturing technology: Organizational design and strategic flexibility**  
Author(s): Lei D; Hitt MA; Goldhar JD  
Source: ORGANIZATION STUDIES Volume: 17 Issue: 3 Pages: 501-523 DOI: 10.1177/017084069601700307 Published: 1996  
Times Cited: 53 (from Web of Science)  
  
[Full Text](#)  
[View abstract](#)
- 193. Title: **A classification of literature on determining the lot size under quantity discounts**  
Author(s): Benton WC; Park S  
Source: EUROPEAN JOURNAL OF OPERATIONAL RESEARCH Volume: 92 Issue: 2 Pages: 219-238 DOI: 10.1016/0377-2217(95)00315-0 Published: JUL 19 1996  
Times Cited: 53 (from Web of Science)  
  
[Full Text](#)  
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# MARKED LIST

[6 total records on the Marked List](#)

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

6 records from **Web of Science<sup>SM</sup>**

Output complete data from this product for these records.

[X Clear Marked List](#)

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"/> Web of Science Category | <input type="checkbox"/> Subject Category      |
| <input type="checkbox"/> Funding Information              |   |  |  |

\*Selecting these items will increase the processing time.

[\[Reset\]](#)

Step 3: [\[How do I export to bibliographic management software?\]](#)

Save to: [EndNote Web](#) [EndNote](#) [ResearcherID](#) [Order Full Text](#)

Save to other Reference Software  [Save](#)

Records: 6

Page 1 of 1 [Go](#)

Sort by: [Publication Date -- newest to oldest](#)

[Analyze Results](#)  
[Create Citation Report](#)

[X](#) 1. Title: [Bioinspired surfaces with special wettability](#)

Author(s): Sun TL; Feng L; Gao XF; et al.

Source: ACCOUNTS OF CHEMICAL RESEARCH Volume: 38 Issue: 8 Pages: 644-652 DOI: 10.1021/ar040224c Published: AUG 2005

Times Cited: 525 (from Web of Science)

[X](#) [SFX Demo OpenURL Link](#)

[Full Text](#)

[View abstract](#)

可針對勾選的筆數再進行分析

# SEARCH HISTORY

WEB OF KNOWLEDGE<sup>SM</sup>

DISCOVERY STARTS HERE



Sign In |  Marked List (6) | My EndNote Web | My ResearcherID | My Citation Alerts | My Journal List | My Saved Searches | Log Out | Help

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

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

## Web of Science<sup>SM</sup>

### Search History

Set	Results		Combine Sets	Delete Sets
		<a href="#">Save History / Create Alert</a> <a href="#">Open Saved History</a>	<input type="radio"/> AND <input type="radio"/> OR <a href="#">Combine</a>	<a href="#">Select All</a> <a href="#">Delete</a>
# 6	3,679	Related Records: Calloway, James N. Transformation of the nitrogen cycle: Recent trends, questions, and potential solutions. (References used: 40)	<input type="checkbox"/>	<input type="checkbox"/>
# 5	3,679	Related R... ons. (References used: 40)	<input type="checkbox"/>	<input type="checkbox"/>
# 4	74	Topic=(agriculture) Refined by: Countries/Territories=( PEOPLES R CHINA OR SOUTH KOREA OR THAILAND OR TAIWAN OR JAPAN OR PHILIPPINES OR MALAYSIA OR INDONESIA ) AND Source Titles=( IEEE INTERNATIONAL SYMPOSIUM ON GEOSCIENCE AND REMOTE SENSING IGARSS ) Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH Timespan=All Years Lemmatization=On	<input type="checkbox"/>	<input type="checkbox"/>
# 3	5,577	Topic=(agriculture) Refined by: Countries/Territories=( PEOPLES R CHINA OR SOUTH KOREA OR THAILAND OR TAIWAN OR JAPAN OR PHILIPPINES OR MALAYSIA OR INDONESIA ) Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH Timespan=All Years Lemmatization=On	<input type="checkbox"/>	<input type="checkbox"/>
# 2	23,819	Topic=(agriculture) Refined by: Web of Science Categories=( ENVIRONMENTAL SCIENCES OR AGRICULTURE MULTIDISCIPLINARY OR AGRICULTURAL ECONOMICS POLICY OR SOIL SCIENCE OR PLANT SCIENCES ) Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH Timespan=All Years	<input type="checkbox"/>	<input type="checkbox"/>

可針對某一檢索條件設定Alert通知

# EXPORT CITATIONS

[Order Full Text](#) [[+View abstract](#)]

9. Title: [Sustainable Agriculture and Food Security in an Era of Oil Scarcity Lessons from Cuba](#)  
Author(s): Premat Adriana  
Source: AGRICULTURAL HISTORY Volume: 85 Issue: 1 Pages: 107-108 Published: WIN 2011  
Times Cited: 0 (from Web of Science)

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10. Title: [Indonesian Exports, Peasant Agriculture and the World Economy, 1850-2000 Economic Structures in a Southeast Asian State](#)  
Author(s): Elson R. E.  
Source: AGRICULTURAL HISTORY Volume: 85 Issue: 1 Pages: 110-111 Published: WIN 2011  
Times Cited: 0 (from Web of Science)

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Results: **69,297** [Show 10 per page](#)

Page 1 of 6,930 [Go](#)

Sort by: [Publication Date -- newest to oldest](#)

## Output Records

### Step 1:

- Selected Records on page  
 All records on page  
 Records  to

### Step 2:

- Authors, Title, Source  
 plus Abstract  
 Full Record  
 plus Cited References


### Step 3: [\[How do I export to bibliographic management software?\]](#)

  Save to: [EndNote Web](#) [EndNote](#) [ResearcherID](#)

Save to other Reference Software  [Save](#)

  (0)

69,297 records matched your query of the 55,558,053 in the data limits you selected.

Key:  = Structure available.

# CREATE CITATION ALERT

WEB OF KNOWLEDGE<sup>SM</sup> | DISCOVERY STARTS HERE

Sign In |  Marked List (6) | My EndNote Web | My ResearcherID

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

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

Web of Science<sup>SM</sup>

<< Back to results list

Full Text

SFX Demo OpenURL Link

NCBI

UIUC Catalog

Go

(6)



Save to:

EndNote Web

EndNote

## Transformation of the nitrogen cycle: Recent trends, questions, and potential solutions

Author(s): Galloway, JN (Galloway, James N.)<sup>1</sup>; Townsend, AR (Townsend, Alan R.)<sup>2,3</sup>; Erisman, JW (Erisman, Jan Willem)<sup>4</sup>; Bekunda, M (Bekunda, ZC (Cai, Zucong)<sup>6</sup>; Freney, JR (Freney, John R.)<sup>7</sup>; Martinelli, LA (Martinelli, Luiz A.)<sup>8</sup>; Seitzinger, SP (Seitzinger, Sybil P.)<sup>9</sup>; Sutton, MA (Sutton, Mark A.)<sup>11</sup>

Source: SCIENCE Volume: 320 Issue: 5878 Pages: 889-892 DOI: 10.1126/science.1136674 Published: MAY 16 2008

Times Cited: 222 (from Web of Science)

Cited References: 40 [ [view related records](#) ] [Citation Map](#)

**Abstract:** Humans continue to transform the global nitrogen cycle at a record pace, reflecting an increased combustion of fossil fuels, growing demand in agriculture and industry, and pervasive inefficiencies in its use. Much anthropogenic nitrogen is lost to air, water, and land to cause a cascade of environmental and human health problems. Simultaneously, food production in some parts of the world is nitrogen-deficient, highlighting inequities in the distribution of fertilizers. Optimizing the need for a key human resource while minimizing its negative consequences requires an integrated interdisciplinary approach and the development of strategies to decrease nitrogen-containing waste.

Document Type: Review

Language: English

Denning, Anna. Big challenges and nanosolutions. NANOTECHNOLOGY, JUL 22 2011.

[ [view all 236 citing articles](#) ]

[Create Citation Alert](#)

### Related Records:

Find similar Web of Knowledge records based on shared

可追蹤某一篇文章持續被引用的狀況

### Cited References: 40

View the bibliography of this record (from Web of Science<sup>SM</sup>).

[Citation Map](#)

### Additional information

- View the journal's [Table of Contents](#) (in Current Contents Connect®)
- View [performance trends](#) (in Essential Science Indicators<sup>SM</sup>)
- View the journal's [impact factor](#) (in Journal Citation Reports®)

### Suggest a correction

If you would like to improve the quality of the data in this record, please [suggest a correction](#).



Save Search History -- Web of Knowledge [5.4] - Windows Internet Explorer

http://apps.webofknowledge.com/OutboundService.do?action=go&mode=saveSSS&product=WOS&SID=1A77mbeBaAC3dmKLC

Save Search History -- Web of Knowledge [5.4]

WEB OF KNOWLEDGE<sup>SM</sup> | DISCOVERY STARTS HERE

THOMSON REUTERS

Signed In | My EndNote Web | My Citation Alerts | My Journal List | My Saved Searches | Log Out | Help

### Save Search History

<< Back

#### Save on Web of Knowledge Server

Use this box to save your history to your private account.

1. Edit the fields you wish to change.
2. Click "Save" below when done.

Product: Web of Science

History Name:  (Required)

Description:  (Optional)

Number of Search Queries: 1

Send Me E-mail Alerts:  (Results of the last query in your history will be e-mailed to you.)

Send to e-mail address:

Alert type:

E-mail format:

Alert query:  (s)

Alert editions: HTML, ISI ResearchSoft, Field Tagged, SSCI, A&HCI, C

E-mail frequency:  Weekly  Monthly

Save your history to the server

給予此Alert  
一個名字

選擇寄給您的通知  
頻率(每周一次或每  
月一次)



# MY CITATION ALERT

WEB OF KNOWLEDGE<sup>SM</sup>

DISCOVERY STARTS HERE



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[My Citation Alerts](#)

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## 文獻持續被引用狀況的Alert通知

### My Cited Articles List

[<< Back](#)

Times Cited	Click a title to view the full record. Click a Times Cited number to view the list of citing articles.	<a href="#">Modify Settings</a>	RSS Feed	Alerting (Click "Modify Settings" to change the alert e-mail settings.)
<a href="#">1</a>	<a href="#">Kohl, F. Progressive relaxation, imaginative and hypnotherapeutic approaches in pain therapy</a>		<a href="#">XML</a>	Status: On Expires: 18 Oct 2012 <a href="#">Renew</a>
<a href="#">0</a>	<a href="#">ADER, R. ENGEL, GEORGE, LIBMAN - ON THE OCCASION OF HIS RETIREMENT</a>		<a href="#">XML</a>	Status: On Expires: 18 Oct 2012 <a href="#">Renew</a>
<a href="#">8</a>	<a href="#">Hou, H. WT1 mutation in 470 adult patients with acute myeloid leukemia: stability during disease evolution and implication of its incorporation into a survival scoring system</a>		<a href="#">XML</a>	Status: On Expires: 19 Oct 2012 <a href="#">Renew</a>
<a href="#">143</a>	<a href="#">Lee, D. IKK beta suppression of TSC1 links inflammation and tumor angiogenesis via the mTOR pathway</a>		<a href="#">XML</a>	Status: On Expires: 05 Dec 2012 <a href="#">Renew</a>

# 大綱

## 1. Web of Knowledge (WOK)介面介紹

- A. 註冊與個人化功能
- B. Web of Science收錄內容介紹

## 2. WOS檢索

- A. 萬用字元
- B. 檢索類型介紹
- C. 檢索結果頁面
- D. 全紀錄頁面

## 3. 資料由多到少

- A. Refine
- B. Sort by
- C. Create Citation report
- D. Analyze Result

## 4. 資料由少到多

- A. References 與 Times Cited
- B. Citation Map
- C. Related Records
- D. Keyword Plus

## 5. 其他附加功能

- A. Marked list
- B. Search History
- C. Export
- D. Create Citation Alert
- E. Additional Information



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歡迎 請由 WOS 課程 教材

- 請選擇產品課程
- CNKI
- Cochrane
- DII
- EndNote X2
- EndNote X3
- EndNote X4
- EndNote X5 (Windows)
- EndNote X5 (Mac)
- JCR
- Medline
- Micromedex 1.0
- Micromedex 2.0
- Nature
- UlrichsWeb
- WOS
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- 中國工具書集錦在線
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