



WEB OF KNOWLEDGE
--WEB OF SCIENCE--

碩睿資訊有限公司

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)

發表評估工作

Web of Science
(SCIE, SSCI, AHCI)

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

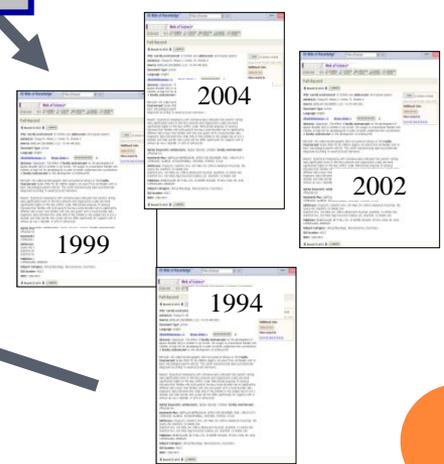
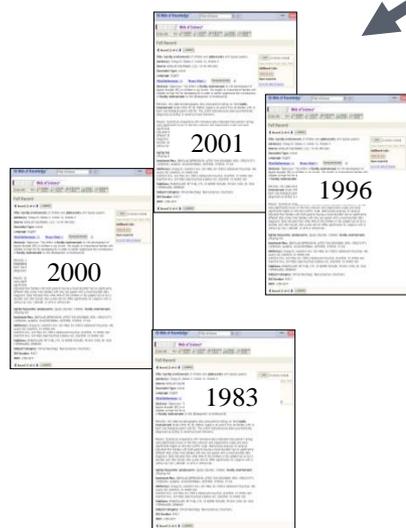
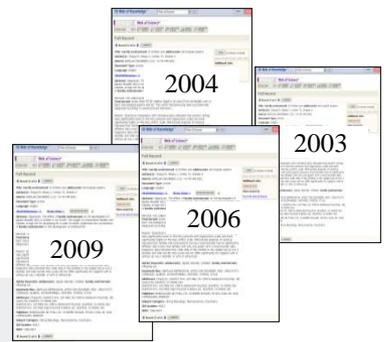
Times Cited

往後探索

Related Records

往前追溯

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



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



平台下包括
多個資料庫

WEB OF KNOWLEDGESM

DISCOVERY STARTS HERE

 THOMSON REUTERS

[Sign In](#) | [Marked List \(0\)](#) | [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

Web of ScienceSM (1898-present)

Access the world's leading scholarly literature in the sciences, social sciences, arts, and humanities and examine proceedings of international conferences, symposia, seminars, colloquia, workshops, and conventions.

[\[more \]](#)

Current Contents Connect[®] (1998-present)

Complete tables of contents and bibliographic information from the world's leading scholarly journals and books; also includes relevant, evaluated Web sites and documents.

[\[more \]](#)

Derwent Innovations IndexSM (1963-present)

Value-added patent information from *Derwent World Patent Index*[®] as well as patent citation information from *Patents Citation Index*[®].

[\[more \]](#)

BIOSIS Citation IndexSM (1926-present)

Life sciences and biomedical research covering pre-clinical and experimental research, methods and instrumentation, animal studies, and more.

[\[more \]](#)

CABI : CAB Abstracts[®] and Global Health[®] (1910-present)

Provides authoritative research information on agriculture, environment and related applied life sciences.

[\[more \]](#)

Chinese Science Citation DatabaseSM (1989-present)

Provides bibliographic information and citations to articles in 1200 core science and engineering journals published in the People's Republic of China.

[\[more \]](#)

Food Science and Technology AbstractsTM (1969-present)

Provides thorough coverage of pure and applied research in food science, food technology, and food-related nutrition.

[\[more \]](#)

Inspec[®] (1898-present)

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Target your search

Each database within *Web of Knowledge* has unique content and capabilities, including specialized search fields and controlled vocabularies.

Web of Science[®]

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

User Registration

To start the registration process, please provide your e-mail address.

Note: If you are already registered for a Thomson Reuters [product or service](#), return to the previous page and [log in](#).

E-mail Address :

Retype E-mail Address :

User Registration

Please complete the fields below. Fields with an asterisk are required.

* E-mail Address: ALICEWANG0228@GMAIL.COM

* First Name:

* Last Name:

Middle Initial: (optional)

* Password:

Password Guidelines

Must be 8 or more characters (no spaces) and contain:

- at least 1 numeral: 0 - 9
 - at least 1 alpha character, case-sensitive
 - at least 1 symbol: ! @ # \$ % ^ * () ~ ` { } [] | & _
- Example: 1sun%moon

* Retype New Password:

* Primary Role:

* Subject Area:

Bibliographic Software Use:

* Opt In/Opt Out:

- Receive training materials, notifications, announcements, and other materials by e-mail.
- Do not receive training materials, notifications, announcements, and other materials by e-mail.

在ISI平台中，個人化帳戶的密碼設定較嚴謹。
例: Mary@1688



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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- D. Keyword Plus

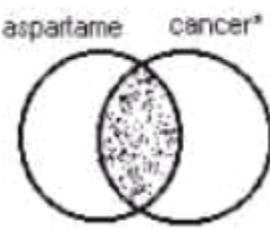
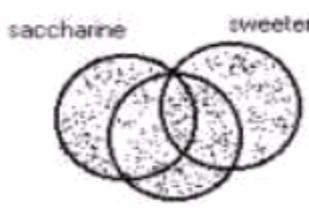
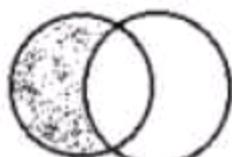
5. 其他附加功能

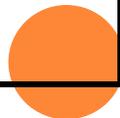
- A. Marked list
- B. Search History
- C. Export
- D. Create Citation Alert
- E. Additional Information

6. EndNote Web



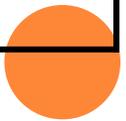
檢索中適用的布林邏輯（一）

 <p>AND</p>	<p>檢索結果中必須出現所有檢索詞</p> <p>TOPIC : aspartame AND cancer*</p> <p>檢索到的文獻包含aspartame，也包含cancer</p>
 <p>OR</p>	<p>檢索結果必須出現在任一檢索詞，當檢索詞有多種拼法或有幾個同義詞時，使用OR</p> <p>TOPIC : aspartame OR saccharine OR sweetener*</p> <p>檢索到文獻至少包含其中一個詞</p>
 <p>NOT</p>	<p>檢索結果中不包含某一個檢索詞的文章</p> <p>TOPIC : aids not hearing</p> <p>檢索到的文獻都包含aids，但都不包含hearing</p>



檢索中適用的布林邏輯（二）

片語檢索請輸入“ ”	<p>輸入檢索詞時，若為精確片語，需於前後兩字前加上“ ”，若為加上“ ”則視同以AND結合兩個字</p> <p>“biocontrol agent” 會找到biocontrol agent</p> <p>Title : RESIDUAL EFFICACY OF TYPHULA PHACORR AS A <u>BIOCONTROL AGENT</u> ON GREY SNOW MOLD ON CREEPING BENTGRASS</p>
Same	<p>檢索詞必須出現在同一句子中(這裡說的一句是指兩個句號之間的字符串)，檢索詞在句子中的順序是任意的。</p> <p>TOPIC : (greenhouse or green house) same emission*</p> <p>Address : Houston same Texaco</p> <p>Title : <u>GLOBAL GREENHOUSE GAS EMISSIONS</u> <u>INVENTORY METHOS</u></p> <p>Address : TEXACO INTL,SAFETY HLTH & ENVIRONM GRP, HOUSTON, TX, USA</p>



檢索中適用的切截符號

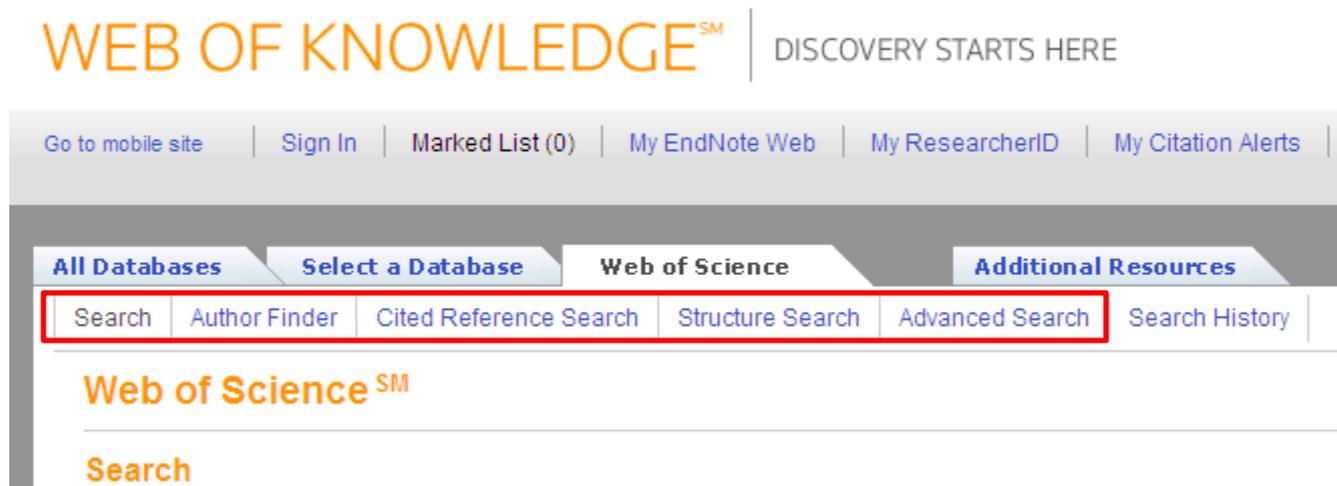
- 切截符號有多種用途
 - 詞尾切截可得到該單字所提及的所有詞語 (單數和複數)
 - 詞間切截：可找到該單字的所有變化形式或不同拼法
- ? = 一個字母 (flav?r=flavor)
- * = 零個或多個字母 (flav*r=flavor, flavour)
- \$ = 一個或零個字母 (disease\$= disease, diseases, diseased)

右切截		詞間切截		詞間切截	
Diseas*	Disease Diseases Diseased	Flav*r	flavor flavour	Lap*roscop*	Laparoscopic Laprosopic Laparoscopy

有提供左切截：\$\$\$\$biology→microbiology (切截符號後方至少要有三個字母)

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 KNOWLEDGESM | 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 ScienceSM

Search

The screenshot shows the top navigation bar of the Web of Knowledge website. The main header is "WEB OF KNOWLEDGESM | 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". The "Advanced Search" option is highlighted with a red rectangular box. Below the navigation bar, the text "Web of ScienceSM" is displayed in orange, 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[®]

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

in

in

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

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

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Web of ScienceSM

利用ADDRESS查詢機構

Search

in *Example: Yale Univ SAME hosp (view abbreviations list)*

OR

in *Example: Yale Univ SAME hosp (view abbreviations list)*

AND

in *Example: Cancer* OR Journal of Cancer Research and Clinical Oncology*[Add Another Field >>](#)

Search

Clear

Searches must be in English

Web of ScienceSM

Results

Address=(Nat'l 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 Web^{Plus}^{BETA}
[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

Refine

 ENGINEERING ELECTRICAL ELECTRONIC (9,538) PHYSICS APPLIED (4,562) MATERIALS SCIENCE MULTIDISCIPLINARY

(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 ScienceSM

Chen, Jengchung V.

AUTHER FINDER

Search by Author Name

Last Name / Family Name (Required) Example: Smith

Initial(s) (One Required) Example: CE

Exact Matches Only

[Search by Name](#) [Clear](#)

View in: [简体中文](#) | [English](#) | [日本語](#)

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 : --+](#)

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 : --+](#)

5. <input type="checkbox"/>	Chen, JV	1	Natl Cheng Kung Univ	2009
-----------------------------	----------	---	----------------------	------

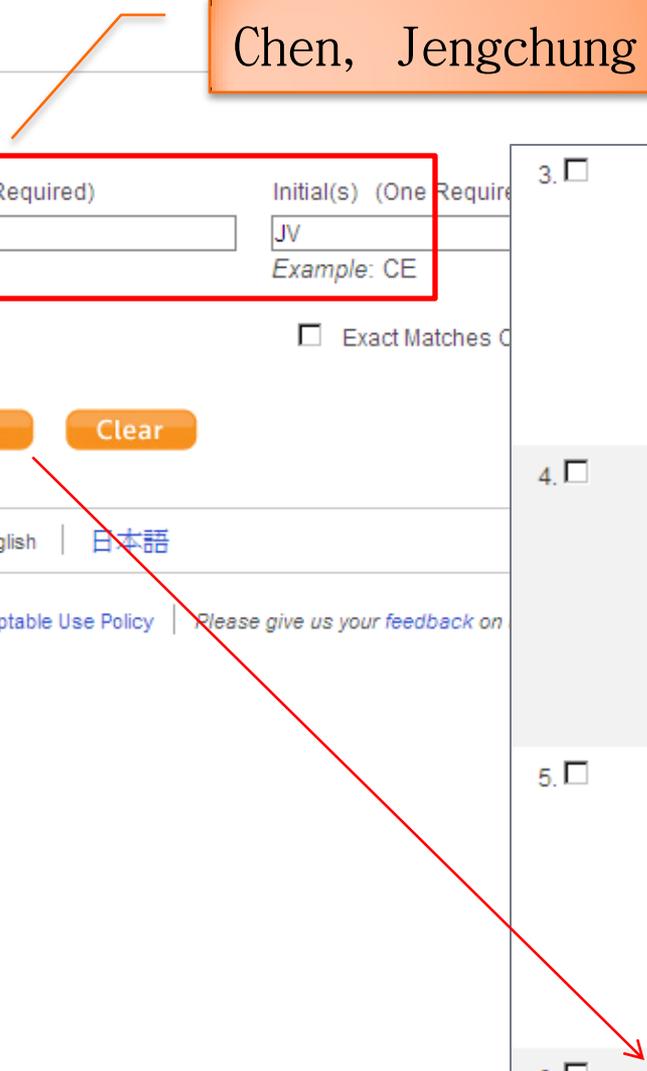
Source Titles for this author (top 5 by record count) :
JOURNAL OF COMPUTER INFORMATION SYSTEMS (1)

[A Sampling of Publications by this Author : --+](#)

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 : --+](#)



CITED REFERENCE 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 ScienceSM

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 referer

<input type="text" value="Chen Yi-Hua"/> <i>Example: O'Brian C* OR OBrian C*</i>	in	<input type="text" value="Cited Author"/>
<input type="text" value="am j clin pathol"/> <i>Example: J Comp* Appl* Math* (journal abbreviation list)</i>		<input type="text" value="Cited Work"/>
<input type="text" value="2011"/> <i>Example: 1943 or 1943-1945</i>	in	<input type="text" value="Cited Year(s)"/>

[Add Another Field >>](#)

Searches must be in English

Key縮寫

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	View Record (view in Web of Science)

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)¹; [Chadburn, A](#) (Chadburn, Amy); [Evens, AM](#) (Evens, Andrew M.)²; [Winter, JN](#) (Winter, Jane N.)²; [Gordon, LI](#) (Gordon, Leo I.)²; [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.

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Booleans: AND, OR, NOT, SAME, NEAR

Field Tags:

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欄位代碼

檢索結果頁面

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Results

Topic=(RFID)

Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, CCR-EXPANDED, IC.
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Results: **8,361**

Page 1 of 837 Go

Sort by: Times Cited -- highest to lowest

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Analyze Results
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1. Title: **Fully integrated passive UHF RFID transponder IC with 16.7- μ 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- μ 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- μ 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.

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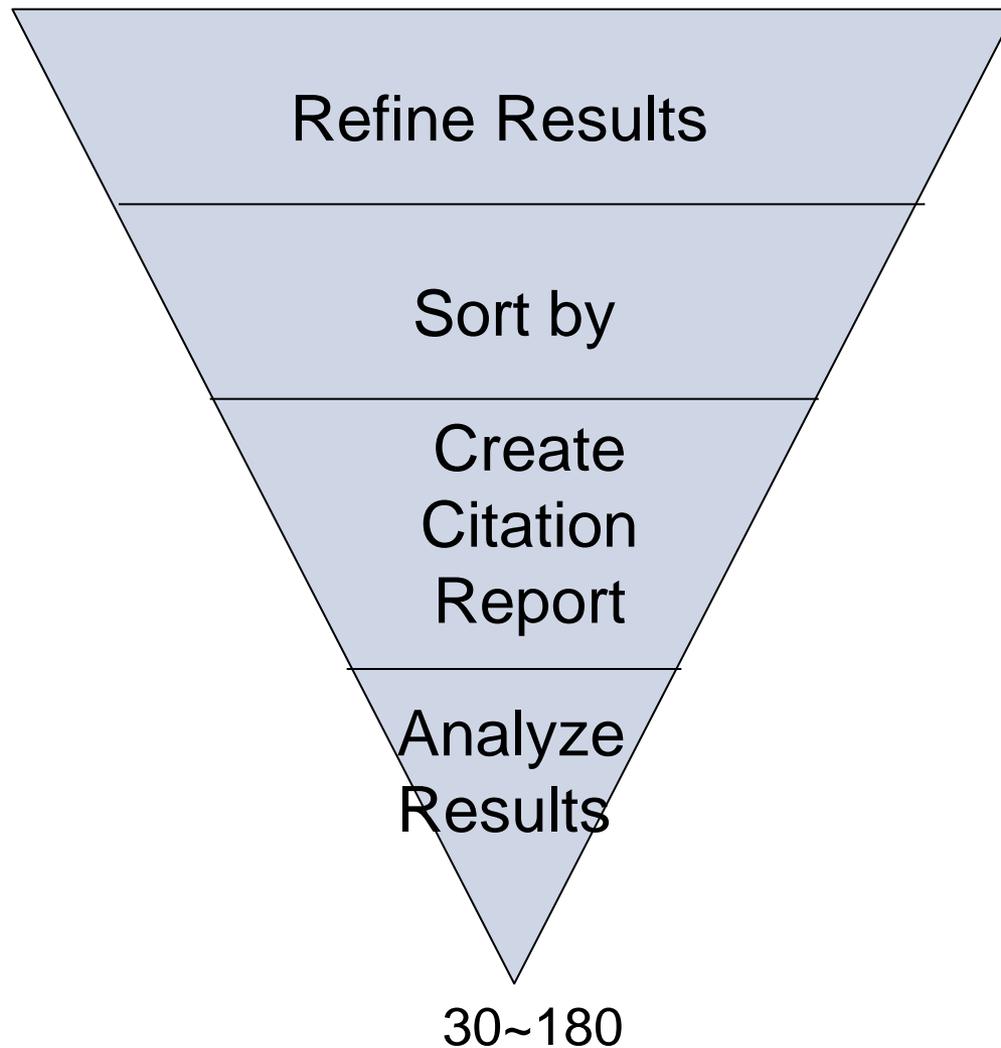
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- A. 萬用字元
- B. 檢索類型介紹
- C. 檢索結果頁面
- D. 全紀錄頁面

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

4. 資料由少到多

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- B. Citation Map
- C. Related Records
- D. Keyword Plus

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6. EndNote Web



Results: 8,978

Page 1 of 898 Go

Sort by: Publication Date -- newest to oldest

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- COMPUTER SCIENCE THEORY METHODS (1,690)
- COMPUTER SCIENCE INFORMATION SYSTEMS (1,602)
- COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (999)

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- ARTICLE (3,097)
- BOOK CHAPTER (172)
- NEWS ITEM (139)
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Research Areas

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Group Authors

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Source Titles

Book Series Titles

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[more options](#) [Create Citation Report](#)

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

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- 出版年代
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- 贊助單位
- 會議名稱
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 - JAPAN (1,117)
 - PEOPLES R CHINA (1,107)
 - GERMANY (1,104)
 - CANADA (851)
- Languages**
 - ENGLISH (14,127)
 - JAPANESE (98)
 - GERMAN (65)
 - POLISH (34)
 - FRENCH (26)
- Conference Titles**
 - 19TH MEETING OF THE EUROPEAN SOCIETY FOR ANIMAL CELL TECHNOLOGY (ESACT) (38)
 - 4TH INTERNATIONAL IN SITU AND ON-SITE BIOREMEDIATION SYMPOSIUM (27)
 - INTERNATIONAL CONGRESS ON MEMBRANES AND MEMBRANE PROCESSES (ICOM) (26)
 - ANNUAL TISSUE-ENGINEERING-AND-REGENERATIVE-MEDICINE-
- Institutions**
 - INDIAN INST TECHNOL (189)
 - CHINESE ACAD SCI (153)
 - MIT (135)
 - KOREA ADV INST SCI & TECHN (123)
- Funding Agencies**
 - NATIONAL NATURAL SCIENCE FOUNDATION OF CHINA (173)
 - NATIONAL SCIENCE FOUNDATION (162)
 - EUROPEAN COMMISSION (111)
 - EU (89)
 - CHINESE ACADEMY OF SCIENCES (85)
- Web of Science Categories**
 - ENVIRONMENTAL SCIENCES (9,070)
 - ECONOMICS (8,390)
 - AGRONOMY (6,927)
 - AGRICULTURE MULTIDISCIPLINARY (5,661)
 - ECOLOGY (4,834)
- Subject Areas**
 - BIOTECHNOLOGY & APPLIED MICROBIOLOGY (6,800)
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 - ENVIRONMENTAL SCIENCES (2,117)
 - ENGINEERING, ENVIRONMENTAL (1,654)
 - WATER RESOURCES (1,402)
- Document Types**
 - ARTICLE (10,584)
 - PROCEEDINGS PAPER (2,680)
 - REVIEW (539)
 - MEETING ABSTRACT (426)
 - NOTE (108)
- Authors**
 - YANG, ST (77)
 - IEEE (76)
 - PAAK, KY (72)
 - LIVINGSTON, AG (70)
 - DAUGULIS, AJ (68)
- Group Authors**
 - IEEE (533)
 - OECD (78)
 - LUA (52)
 - ASAE (47)
 - BCPC (46)
- Source Titles**
 - BIOTECHNOLOGY AND BIOENGINEERING (909)
 - WATER SCIENCE AND TECHNOLOGY (469)
 - BIOTECHNOLOGY PROGRESS (347)
 - JOURNAL OF BIOTECHNOLOGY (346)
 - WATER RESEARCH (345)
- Editors**
 - BREBBIA CA (197)
 - ZHANG H (146)
 - KOSUTIC S (97)
 - MARGHITAS LA (89)
 - ZAZUETA FS (60)
- Publication Years**
 - 2008 (1,519)
 - 2007 (1,344)
 - 2006 (1,254)
 - 2005 (1,129)
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Results: **8,978**

Page of 898

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- 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 Is
10.1109/JSSC.2003.817249 Published: OCT 2003
Times Cited: 293 (from Web of Science)

- 2. Title: **RFID security and privacy: A research survey**
Author(s): Juels, A
Source: IEEE JOURNAL ON
381-394 DOI: **10.1109/JSA**
Times Cited: 271 (from Web of Science)

- 3. Title: **Antenna design for UHF RFID**
Author(s): Rao, KVS; Nikitin, V
Source: IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION
3870-3876 DOI: **10.1109/TAAP**
Times Cited: 249 (from Web of Science)

- 4. Title: **An introduction to RFID**
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Source: IEEE PERSASIVE COMPUTING
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- Times Cited -- lowest to highest
- Relevance
- First Author -- A to Z
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- Source Title -- A to Z
- Source Title -- Z to A
- Conference Title -- A to Z
- Conference Title -- Z to A

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Results: **8,978**

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Research Areas

Authors

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1. Title: **Efficient Implementation of RFID Mutual Authentication Protocol**
Author(s): Huang, Yu-Jung; Lin, Wei-Cheng; Li, Hung-Lin
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Author(s): Krigslund, Rasmus; Popovski, Petar; Pedersen, Gert Frolund; et al.
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 [
3. Title: **Wavelet Fingerprinting of Radio-Frequency Identification (RFID) Tags**
Author(s): Bertoincini, Crystal; Rudd, Kevin; Noursain, Bryan; et al.
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 [
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

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8,978 records. Topic=(RFID)

Rank the records by this field:	Set display options:	Sort by:
<ul style="list-style-type: none">OrganizationsOrganizations-EnhancedPublication YearsResearch Areas	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
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Authors
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Countries/Territories
Document Types
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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"/> <input checked="" type="button" value="Exclude 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 %	
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<input type="checkbox"/>	KOREA ADV INST SCI TECHNOL	65	0.724 %	



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<input type="checkbox"/>	GEORGIA INST TECHNOL	112	1.247 %	<input checked="" type="radio"/> Data rows displayed in table <input type="radio"/> All data rows
<input type="checkbox"/>	PUSAN NATL UNIV	84	0.936 %	
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<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 %	

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Bar Chart

Data rows displayed in table
 All data rows

匯出ANALYZE RESULTS至
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analyze.txt - Microsoft Excel

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變更 另存 圖表類型 為範本 類型

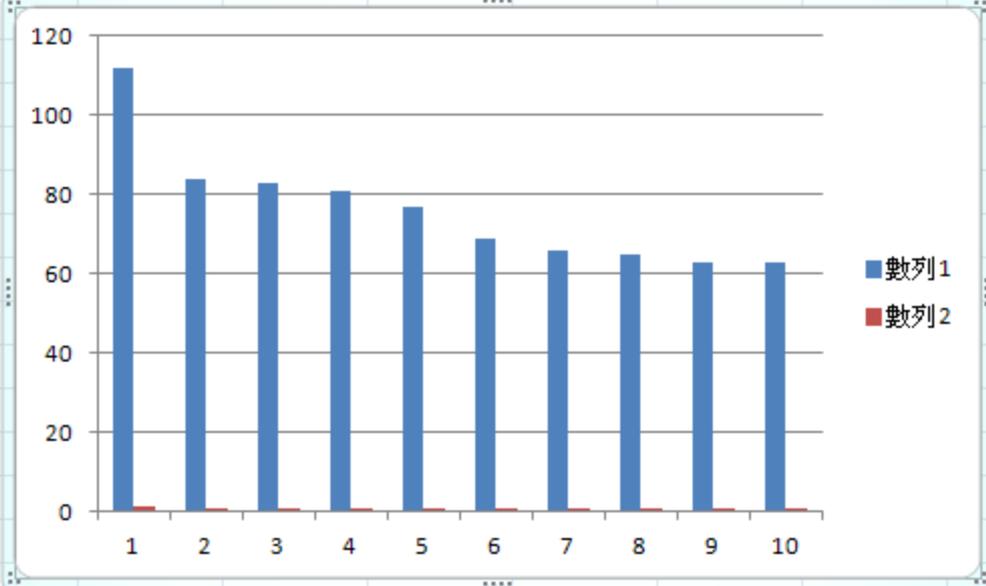
切換列/欄 選取資料 資料

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.)

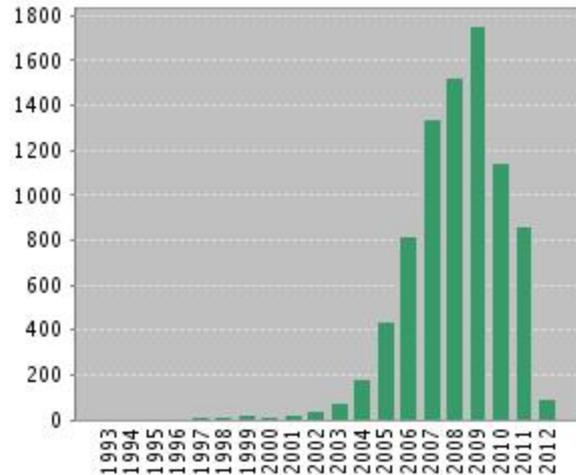
13 (527(5.870%)do not contain data in the field being analyzed.)

Citation Report Topic=(RFID)

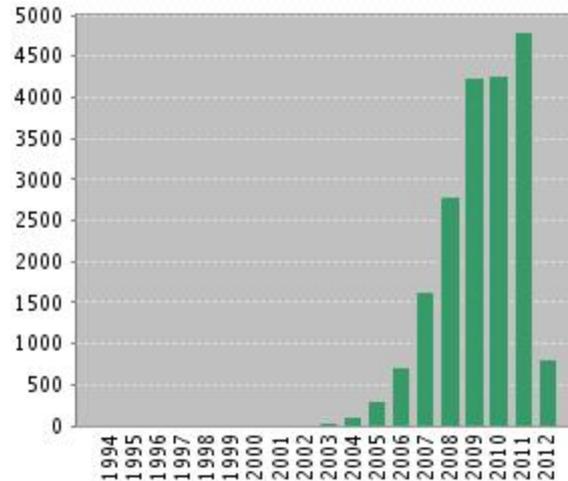
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, CCR-EXPANDED, IC.

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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**

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Sort by:

	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 <input type="text" value="1898"/> and <input type="text" value="2012"/> <input type="button" value="Go"/>	2787	4249	4276	4786	805	19746	1039.26
<input type="checkbox"/> 1. Title: Fully integrated passive UHF RFID transponder IC with 16.7-μW 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	48	60	39	29	2	281	28.10
<input type="checkbox"/> 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/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

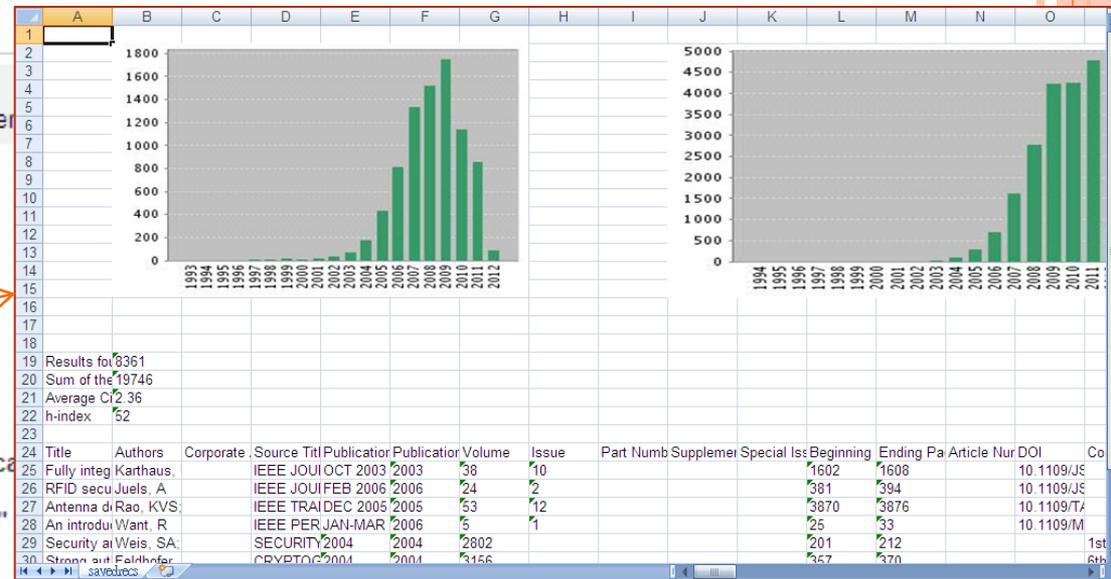
Step 2:

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 automatically

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

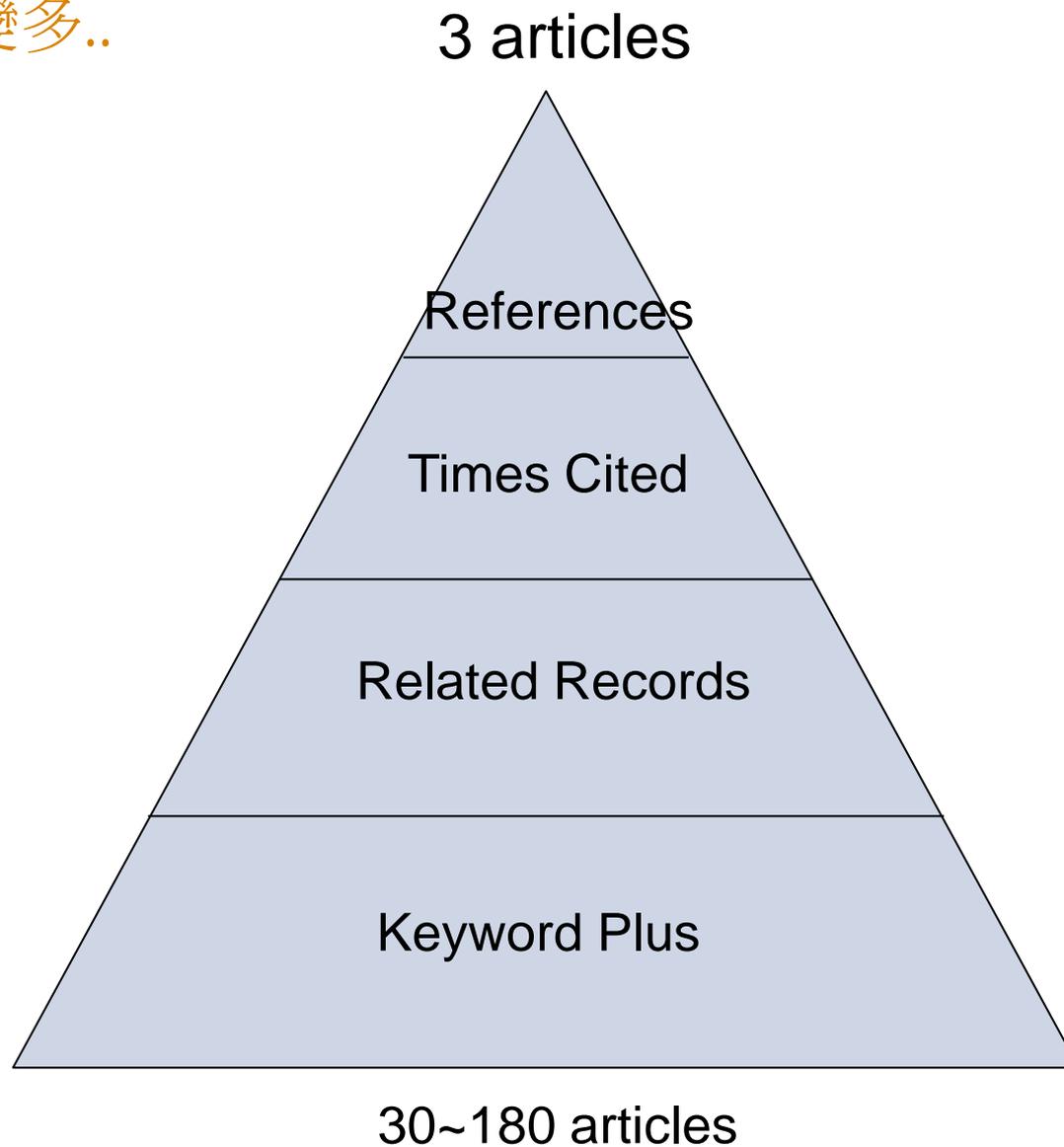
5. 其他附加功能

- 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

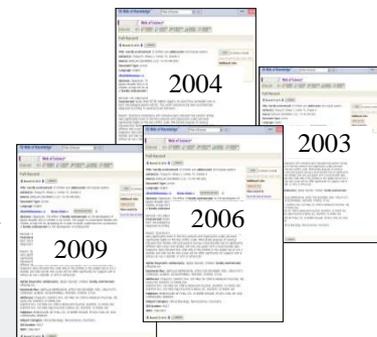
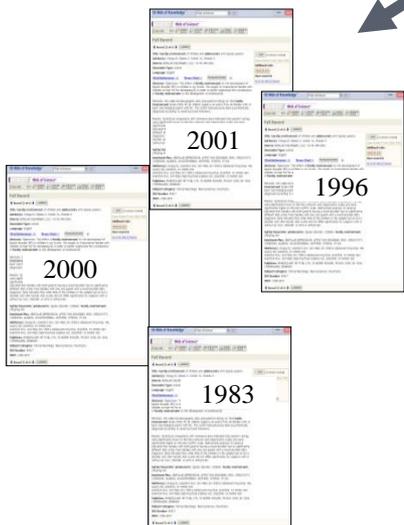
往後探索

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

(0) 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 mm² in the AMI 1.5- μ 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](#)]

[Create Citation Alert](#)

Related Records:

Find similar Web of Knowledge records based on shared references.

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Cited References: 31

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[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: Publication Date -- newest to oldest

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](#)



[Analyze Results](#)



[Create Citation Report](#)



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

Author(s): Hannan Mahammad 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)



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CITED REFERENCES

Web of ScienceSM

<< 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 [Go](#)

[Find Related Records](#)

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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)
[Full Text](#)
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)
[Full Text](#)
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

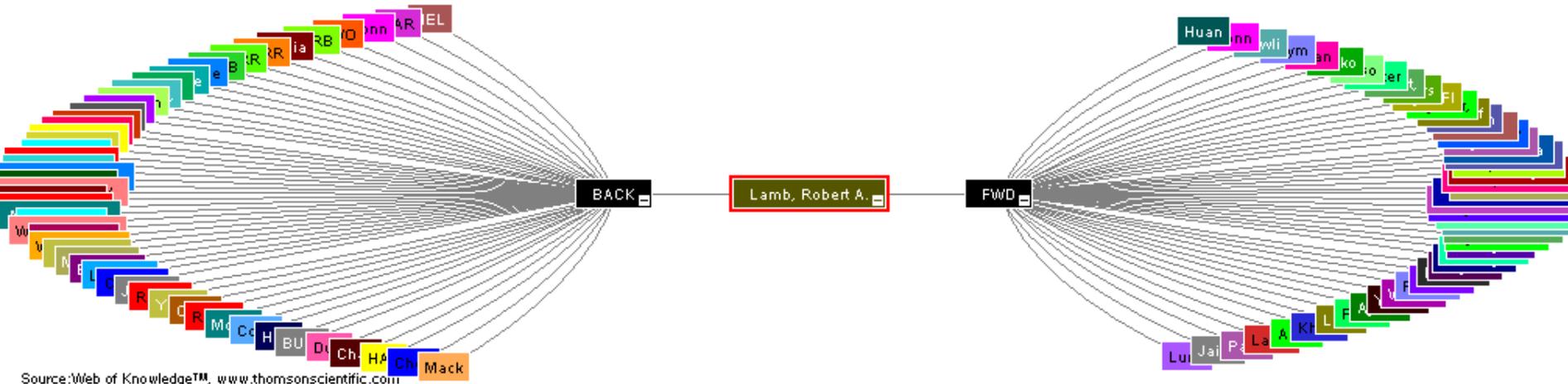
6

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

<< Back to previous page

Results Topic=(economy)
Refined by: Web of Science Categories=(MANAGEMENT)
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.
Lemmatization=On

最多可加5000筆

Results: **8,651** Page 20 of 866 Go Sort by: Times Cited -- highest to lowest

Refine Results

Search within results for

▼ Web of Science Categories

- MANAGEMENT (8,651)
- BUSINESS (3,718)
- OPERATIONS RESEARCH
MANAGEMENT SCIENCE (2,409)
- ECONOMICS (1,802)
- ENGINEERING INDUSTRIAL (885)

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

▼ Document Types

- ARTICLE (6,351)
- PROCEEDINGS PAPER (1,666)
- BOOK REVIEW (457)
- REVIEW (208)
- EDITORIAL MATERIAL (161)

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

► Subject Areas

► Authors

(5) Save to: [more options](#)

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)

[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)

[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)

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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 ScienceSM**

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Step 1:

- All records in this list (up to 500)
 All records on page
 Records to

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- | | | | |
|---|---|--|--|
| <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 | | | |

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Step 3:

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

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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 KNOWLEDGESM

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 ScienceSM

Search History

Set	Results		Combine Sets	Delete Sets
		Save History / Create Alert Open Saved History	<input type="radio"/> AND <input type="radio"/> OR Combine	Select All Delete
# 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

MY SAVED SEARCHES

檢索策略的Alert

Open / Manage Saved Searches

<< Back

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Display histories from: Web of Science

History Name	Product	Description	RSS Feed	Alerting	Modify Settings	Delete Select All Delete	Open/Run History
health care	Web of Science		XML	Status: Off Expires: --	Settings	<input type="checkbox"/>	Open ▶
influenza	Web of Science	(TS=influenza or TS=bird flu) and AD=Cam	XML	Status: On Expires: 2012-04-04 Renew	Settings	<input type="checkbox"/>	Open ▶
nursing care	Web of Science		XML	Status: Off Expires: --	Settings	<input type="checkbox"/>	Open ▶

EXPORT CITATIONS

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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)

[Order Full Text](#)

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)

[Order Full Text](#)

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 KNOWLEDGESM | 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 ScienceSM

<< Back to results list

Full Text SFX Demo OpenURL Link NCBI
a UIUC Catalog

(6) Save to:

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

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

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](#)]

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 nitrogen-containing 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

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

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

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)

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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 nitrogen-containing 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.

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EDITORIAL MATERIAL (107)

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Research Areas

Authors

1.



Title: Fully integrated passive UHF RFID transponder IC with 16.7- μ 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: 293 (from Web of Science)

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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: 271 (from Web of Science)

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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

Times Cited: 249 (from Web of Science)

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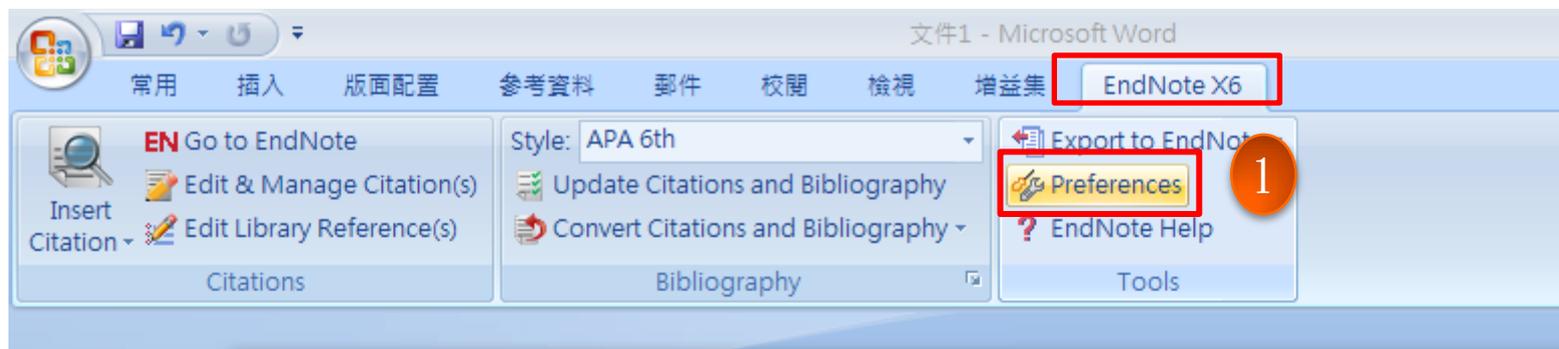
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Angeles	2005	RFID technologies: Supply-chain applications and implementation issues
Feldhofer	2004	Strong authentication for RFID systems using the AES algorithm

Reference Type: Journal Article

Author: Angeles, R.

Year: 2005

Title: RFID technologies: Supply-chain applications and implementation issues

Journal: Information Systems Management

Volume: 22

Issue: 1

Pages: 51-65

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This study investigates the relation of psychosocial variables to the 20-year incidence of myocardial infarction or coronary death among women in the Framingham Study. (Angeles, 2005)

參考書目

Angeles, R. (2005). RFID technologies: Supply-chain applications and implementation issues. *Information Systems Management*, 22(1), 51-65. doi: 10.1201/1078/44912.22.1.20051201/85739.7

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