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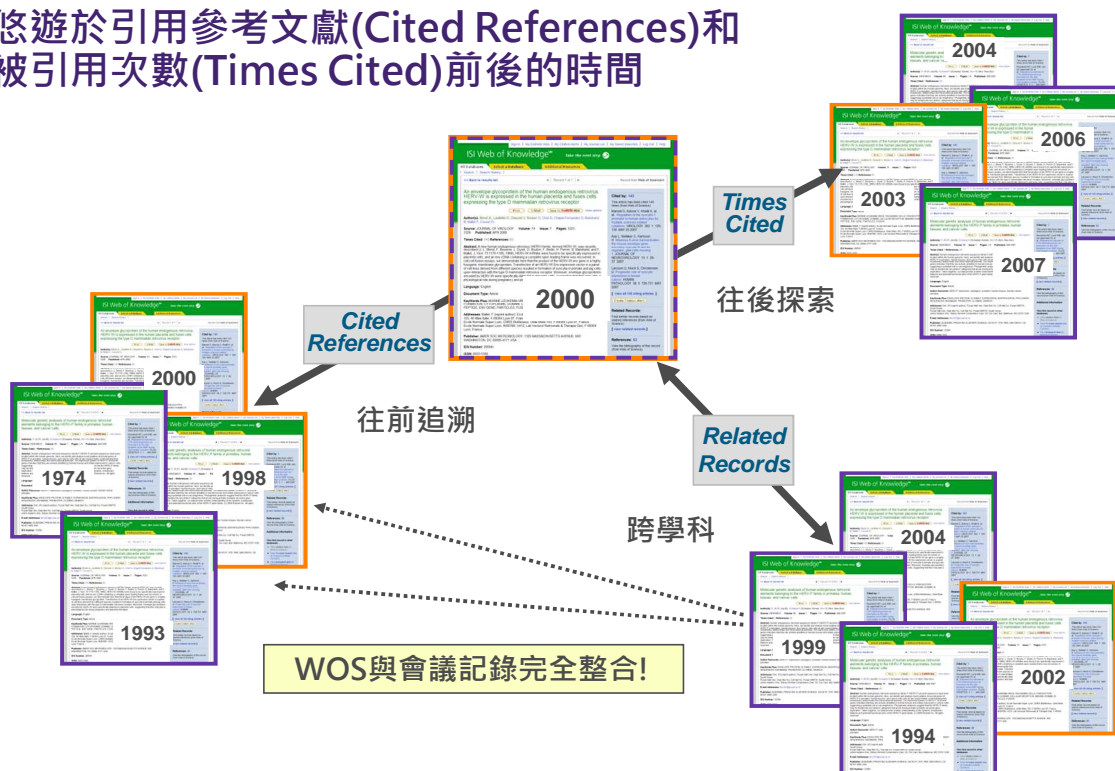
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自 1963 年以來，全球的圖書館員、研究人員即依賴 ISI 所出版各種形式的引文索引資料庫，包括光碟、紙本及線上資料庫，以取得珍貴的研究資訊。1997 年推出的 Web of Science 讓使用者透過 Internet 或 Intranet 更方便地檢索引文索引。這個使用手冊讓您了解 Web of Science 的功能及特性，希望能對您的研究有所助益。

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「引文索引」是以引用文獻為基礎，來顯現文獻與文獻之間相互關係的連結，讓使用者能根據已知的資訊，來找到新的、未知的其它相關資訊。

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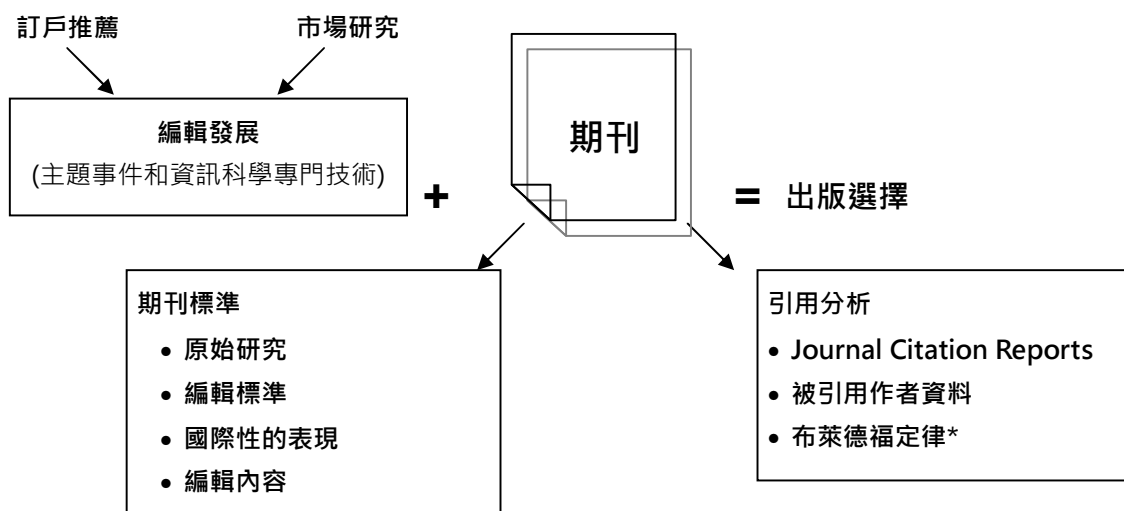
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- 根據先前的研究，開拓出新的研究方向
- 持續追蹤特定人物，如競爭對手或同事之研究成果或進展等

Web of Science 由五大引文索引資料庫與 2 個化學資料庫所組成，可以個別查詢單一資料庫或是合併查詢多個資料庫。

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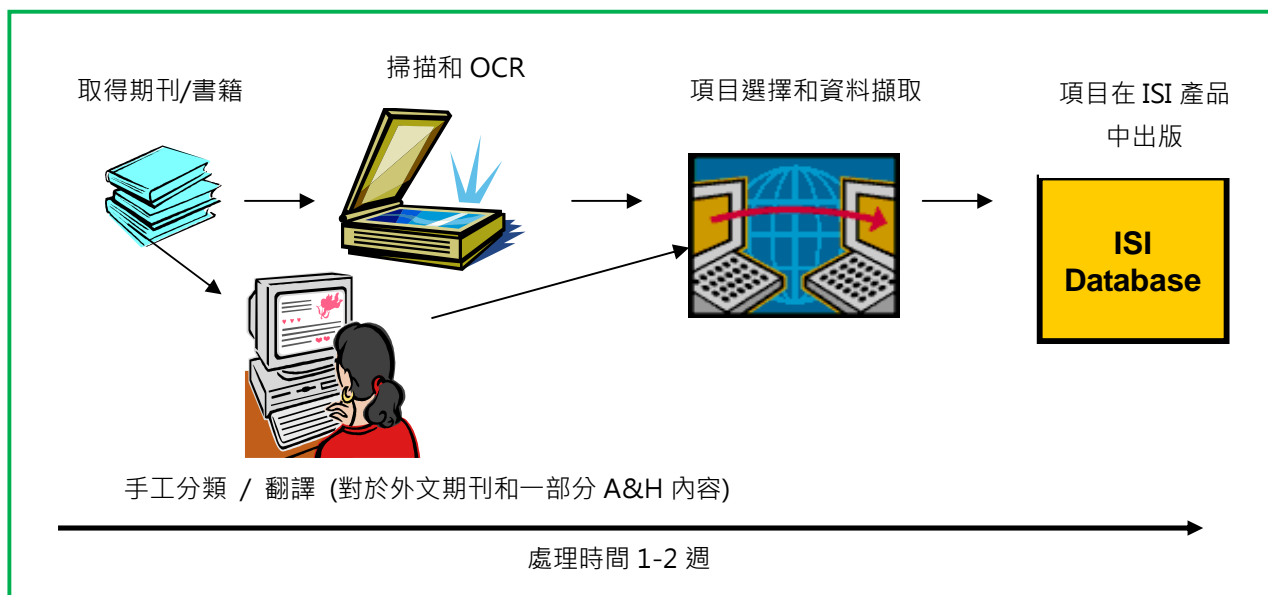
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- ♠ Book Reviews – 在 Science Citation Index Expanded 僅有在 *Science*, *Nature*, *The Scientist* 有收錄其 Book Reviews。惟在 Social Sciences Citation Index 和 Arts and Humanities Citation Index 則有收錄全部的 Book Reviews.
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Multidisciplinary Scope 多重學科範圍

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Agriculture & Food Technology	Anthropology	Archaeology
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Behavioral Sciences	Area Studies	Art
Biochemistry	Business & Finance	Asian Studies
Biology	Communication	Classics
Biomedical Sciences	Criminology & Penology	Dance
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Measurement of transient out-of-plane displacement gradients in plates using double-pulsed subtraction TV shearography

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1 Introduction

TV shearography (TVS)—or electronic speckle pattern shearing interferometry (ESPSI), as it is also called—is a nondestructive, whole-field technique that allows the mea-

Abstract. We report a technique for the measurement of transient out-of-plane displacement gradients in plane objects by double-pulsed subtraction TV shearography. The fringe patterns are automatically and quantitatively analyzed by the Fourier transform method. A novel optical setup based on the separation and further recombination of illumination beams is demonstrated for the generation of carrier fringes. The principle of the proposed technique is theoretically described, and its immunity to environmental disturbances is discussed. Experimental results obtained with a metallic plate excited by the impact of a piezoelectric transducer are presented. © 2000 Society of Photo-Optical Instrumentation Engineers. [S0091-3286(00)02908-1]

Subject terms: metrology; speckle interferometry; shearography; shock.

Paper 990116 received Mar. 18, 1999; revised manuscript received Nov. 10, 1999; accepted for publication Feb. 16, 2000.

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9. M. Kujawinska, "Spatial phase measurement methods," in *Interferogram Analysis*, D. W. Robinson and G. T. Reid, Eds., pp. 141–193, Institute of Physics Press, Bristol (1993).
10. A. Dávila, G. H. Kaufmann, and C. Pérez-López, "Transient deformation analysis using a carrier method of pulsed electronic speckle-shearing pattern interferometry," *Appl. Opt.* **37**, 4196–4122 (1998).
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surement of spatial derivatives of displacements. Early research on shearing techniques used moiré fringes resulting from the superposition of two fringe patterns obtained by holographic interferometry.¹ Photographic film was later

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The screenshot shows a record for the article "Measurement of transient out-of-plane displacement gradients in plates using double-pulsed subtraction TV shearography".

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- 3** points to the abstract text.
- 4 and 5** point to the "Author Keywords" and "Keywords Plus" fields.
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<input checked="" type="checkbox"/>	2. DAVILA A Transient deformation analysis by a carrier method of pulsed electronic speckle-shearing pattern interferometry APPLIED OPTICS 37 : 4116 1998	2. S. Nakadate, T. Yatagai, and H. Saito, "Digital speckle-pattern shearing interferometry," <i>Appl. Opt.</i> 19, 4241-4246 (1980).
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		7. G. Pedrini, Y.-L. Zou, and H. J. Tiziani, "Quantitative evaluation of digital shearing interferogram using the spatial carrier method," <i>Pure Appl. Opt.</i> 5, 313-321 (1996).
		8. M. Takeda, H. Ina, and S. Kobayashi, "Fourier-transform method of fringe-pattern analysis for computer-based topography and interferometry," <i>J. Opt. Soc. Am.</i> 72, 156-160 (1981).
		9. M. Kujawinska, "Spatial phase measurement methods," in <i>Interferogram Analysis</i> , D. W. Robinson and G. T. Reid, Eds., pp. 141-193, Institute of Physics Press, Bristol (1993).
		10. A. Dávila, G. H. Kaufmann, and C. Pérez-López, "Transient deformation analysis using a carrier method of pulsed electronic speckle-shearing pattern interferometry," <i>Appl. Opt.</i> 37, 4116-4122 (1998).

1. 參考文獻會依照第一作者字母順序排列

2. 參考文獻將提供連結至該篇文章全記錄。

3. 當出版時所有參考文獻會予以收錄。注意：期刊和書籍有可能會是縮寫。

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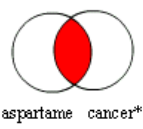
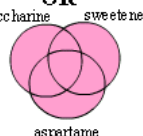

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- 檢索具有相同字根之詞彙
- 檢索具有不同拼法之相同詞彙 (如 center 與 centre)
- ? : 代表 1 個字母
- * : 代表 0 至多個字母
- \$: 代表 1 個字母或沒有字母

右切截		中間切截	
Diseas*	Disease Diseases Diseased	Lap*roscop*	Laparoscopic Laprosopic Laparoscopy
Gene*	Gene Genes General Generation	Dosto?evsk*	Dostoyevsky Dostoievsky Dostoievski Dostoyevskii
Pharmac*	Pharmacy Pharmacology Pharmaceutics Pharmaceutical	Hof\$man*	Hofman Hoffman Hoffmann Hoffmanova

2. 布林邏輯 (Boolean Operators)

<p>AND</p>  <p>aspartame cancer*</p>	<p>AND : 所有的檢索詞都必須出現 (各個概念的交集部份)</p> <p>TOPIC: aspartame AND cancer*</p> <p>檢索同時包含 aspartame 與 cancer* 的文獻</p>
<p>OR</p>  <p>saccharine sweetener* aspartame</p>	<p>OR : 任一檢索詞出現即可 (各個概念的聯集部份)</p> <p>可在檢索字詞變化與同義詞時使用</p> <p>TOPIC: aspartame OR saccharine OR sweetener*</p> <p>檢索包含至少其中任一字詞之文獻</p>
<p>NOT</p>  <p>aids hearing</p>	<p>NOT : 不包含特定檢索詞或概念</p> <p>TOPIC: aids NOT hearing 檢索包含 aids, 但不包含 hearing 之文獻</p>

3. 片語查詢 (Phrase Search)

欲精確查詢片語可以使用 “雙引號限定查詢片語

Phrase Search	Topic: electromagnetic field
	Title: Mathematical model of electromagnetic elimination in tubule with high frequency magnetic field
	Topic: “ electromagnetic field ”
	Title: Reproduction of lightning electromagnetic field waveforms by engineering model of return stroke

4. 相近運算元 (Proximity Operators) : Same

- (1) 兩個檢索詞在摘要中必須出現於同一句中
- (2) 兩個檢索詞在關鍵字中必須出現於分號間的同一字彙內
- (3) 兩個檢索詞在地址這一欄必須出現於同一行地址內

Same	Topic:(greenhouse or green house) same emission*
	Address: Texaco same Houston
	Title: GLOBAL GREENHOUSE-GAS-EMISSIONS INVENTORY METHOD
	Address: Texaco Intl, Safety Hlth & Environm Grp, Houston, TX USA

5. 檢索優先順序

() → SAME → NOT → AND → OR

6. 可以使用布林邏輯的檢索欄位

Search Type & Field	Operator
General Search - Topic	AND, OR, NOT, SAME
General Search - Author	AND, OR, NOT
General Search - Group Author	AND, OR, NOT
General Search - Source Title	OR
General Search - Address	AND, OR, NOT, SAME
Cited Reference Search - Cited Author	OR
Cited Reference Search - Cited Work	OR
Cited Reference Search - Cited Year	OR
Advanced Search	AND, OR, NOT, SAME
Search History (Combine Sets)	AND, OR

例如：想查找有關降低二氧化碳排放量的相關研究文章，您可以在 Topic 檢索方式中輸入檢索式如：((co2 or carbon dioxide) same emission*) and (reduc* or mitigat* or abat*)

Topic 欄位可以檢索題名、摘要和關鍵字。

您可以在此處選擇資料庫並設定檢索年限，可設為預設值，以便下次進入 Web of Science 時使用。

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1. Group Author：團體作者是一個組織或機構以著作者的身份發表文章，您可以直接輸入查詢或利用 Group author index 瀏覽的方式瀏覽 a-z 字母順序，或是直接輸入團體作者姓名去查詢，選取所欲查詢的團體作者，點選 ok，即可加入至 General Search 的查詢畫面。Group Author 的資料收錄從 1995 年至今。

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查詢以檢索詞開頭的團體作者

Use the Browse and Find features to locate group authors to add to your query.

Click on a letter or type a few letters from the beginning of the name to browse alphabetically by group author.
Example: Pharm to jump to entries which begin with PHARM

[0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z](#)

Enter text to find group authors containing the text.
Example: Pharm* to find NOVARTIS PHARMA and PHARMINGEN

查詢團體作者中包含檢索詞的團體作者

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範例：如欲查詢團體作者 GIMEMA Group，您可以輸入以下檢索策略。
gimema* or grp* ital* mal* or gruppo* ital* mal*

2. Source Title：直接輸入期刊名稱查詢，或點選 full source title list 利用瀏覽方式瀏覽 a-z 字母順序，或是直接輸入期刊名稱去查詢，選取所欲查詢的期刊名稱點選 ok，即可加入至 General Search 的查詢畫面。

Use the Browse and Find features to locate source **查詢以檢索詞開頭的期刊名稱**

Click on a letter or type a few letters from the beginning of the title to browse alphabetically by title.

Example: neuro to find NEUROSCIENCE

MOVE TO

0-9 ABCDEFGHIJKLMNOPQRSTUVWXYZ

Enter text to find titles containing the text.

Example: neuros* to find JOURNAL OF NEUROSURGERY

FIND

查詢期刊名稱中包含檢索詞的期刊

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範例：

- 輸入 biochemical and biophys*

得到：BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS

不會得到：JOURNAL OF BIOCHEMICAL OR BIOPHYSICAL METHODS

- 輸入 polymer

只會得到：POLYMER

3. Publication Year：輸入欲檢索的出版年

- 您能只搜尋十年或以下的範圍。
- 不能使用切截
- 只能結合 General Search 其他任何一個欄位檢索

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Author = Henderson G*

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Abteilung	Laboratories
Abt	Labs
Academy	Laboratory
Acad	Lab
Accident	Lecture
Accid	Lect
Acquired Immunodeficiency Syndrome	Library
AIDS	Lib
Administration	Limited
Adm	Ltd
Advance(d)	Maladies
Adv	Malad
Aerospace	Manufacturing
Aerosp	Mfg
Agency	Marketing
Agcy	Mkt
Agriculture	Material
Agr	Mat
Air Force	Mathematics
AF	Math
Air Force Base	Mechanical
AFB	Mech
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Akad	Med
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Amer	Med
Analysis	Meditskckaya
Anal	Med

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 Fraunhofer Inst Silicon Technol, Itzehoe, D-25524 **Germany**
 Univ Oulu, Bioctr Oulu, Oulu, FIN-90014 Finland
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 Univ Gdansk, Dept Mol Biol, Gdansk, PL-80822 **Poland**

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範例：OG=univ houston and ZP=77004

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Group Author 團體作者	<p>應輸入團體作者可能的各種寫法。例如應包括作者名的全拼方式和可能的縮寫形式。您可利用右側的 group author index 幫助查找團體作者的具體寫法。</p> <p>例如：查找 The Women and Infants Transmission Study 應輸入：women infants transmission stud* or wits*</p>
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Conference 會議	<p>會議論文的全紀錄中會提供會議的日期、名稱、主辦者、會議地點作為此欄位檢索的主要關鍵字。</p> <p>例如：想要查詢在 1996 年劍橋所舉辦的 CARBON DIOXIDE REMOVAL 會議 應輸入："CARBON DIOXIDE REMOVAL" AND CAMBRIDGE AND 1996</p>
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Founding Agency 贊助單位 <i>New Field!</i>	<p>WOS 的新功能之一，可以讓使用者利用贊助單為檢索有收錄的文章，使用者可以建入贊助單位的全名，例如：National Agency for the Promotion of Science and Technology，或者 National Agency AND Science 皆可找到贊助單位。</p>
Grant Number 計畫編號 <i>New Field!</i>	<p>WOS 的新功能之一，使用者可以輸入 acknowledgment 表內會出現的計畫贊助號碼來進行搜尋。</p> <p>例如：9871363 等。</p>

Author Finder Search 作者查找檢索

Author Finder 檢索允許您透過特定作者查找文章，並且允許您區別共同使用姓和名字首字縮寫的作者，並且允許您限定主題領域和機構。Author Finder 可以在 Search 一般檢索頁面找到。Author Finder 透過以下四個步驟查詢：

Step 1: Enter the name of the author.

Last Name: (required) First Initial: Middle Initials: (3 max)

結果顯示出所有作者是 "o byrne p" 的例子。選擇 o byrne p* 去查詢 o byrne p 作者首字母縮寫變化。

Author Record Count

You Entered:	<input type="radio"/> O BYRNE P	30
Increase Results:	<input checked="" type="radio"/> O BYRNE P*	178
Focus Results:	<input type="radio"/> O BYRNE PA*	2
	<input type="radio"/> O BYRNE PM*	146

Total records: 178

Add Another Name If this author has published under more than one name, click **Add Another Name** instead of **Next**.

輸入作者姓和名字首字縮寫，例如：o byrne p。點選 Next 繼續。

點選 Add Another Name 查詢作者姓的不同變化。當作者名字包含標點符號和可能出現一定數量不同方式，Add Another Name 就很重要。

Current selection(s): O BYRNE P* (178), OBYRNE P* (295)

Step 3: Select the subject categories associated with the author (optional).

Subject Category	Record Count
<input type="checkbox"/> ARTS & HUMANITIES	5
<input checked="" type="checkbox"/> LIFE SCIENCES & BIOMEDICINE	381
<input type="checkbox"/> MULTIDISCIPLINARY SCIENCE & TECHNOLOGY	2
<input type="checkbox"/> PHYSICAL SCIENCES	1
<input type="checkbox"/> SOCIAL SCIENCES	5
<input type="button" value="Check All"/>	(All)

Total records: 390

結合您所查詢的作者，進一步限定選擇主題領域。

Current selection(s): O BYRNE P* (178), OBYRNE P* (295); in LIFE SCIENCES & BIOMEDICINE (381)

Step 4: Select up to 50 institutions associated with the author (optional).

Sort by: Institution | Record Count

Institution Name Abbreviations	Record Count
<input checked="" type="checkbox"/> MCMASTER UNIV	310
<input checked="" type="checkbox"/> ST JOSEPHS HOSP	56
<input type="checkbox"/> UNIV CALIF SAN FRANCISCO	17
<input checked="" type="checkbox"/> ST JOSEPHS HEALTHCARE	16

點選 Finish Now 執行您的檢索。

您可以選擇結合您查詢作者所有相關的機構。

Search Results 檢索結果

點選 Scientific WebPlus 可查找更多與檢索條件相關的網路資源

在檢索結果頁面，您可以輸入主題(題名、摘要、關鍵字或附加關鍵字 Keyword Plus)在此次檢索結果中進一步查詢，而不需要結合不同的檢索條件進行查找，同時系統會產生新的檢索結果頁面。

點選 Analyze 分析您的檢索結果

點選 Citation Report 提供檢索結果平均引用統計

這篇文章被引用的次數

您可以重新排序檢索結果，依照 Latest date(最近日期)、Times Cited(被引用次數)、Publication Year(出版年)、Relevance(相關性)、First author(第一作者)等排序最多十萬筆記錄

點選此處可以連結至您的機構所訂購的電子期刊全文，瀏覽該篇文章全文

檢索結果筆數出現在頁面上下方，您可以選擇每頁顯示 10、25 或 50 筆記錄。

選擇好要輸出的記錄後，您可以選擇輸出選項 – Save to EndNote 輸出至書目管理軟體、Print 列印、Email、Save 儲存

Refine Results 限定檢索結果

The screenshot shows the ISI Web of Knowledge interface with search results for the query: Topic=((co2 or carbon dioxide) same emission*) and (reduc* or mitigat* or abat*). The results are sorted by Times Cited, showing 5,188 results on page 1 of 519.

Refine Results Panel: On the left, there is a 'Refine Results' panel with sections for Subject Areas, Document Types, Authors, Source Titles, Publication Years, Conference Titles, Institutions, Languages, and Countries/Territories. A red box highlights the 'Authors' section, and a blue arrow points to the 'Refine' button next to it.

Document Types Panel: A separate 'Document Types' panel is shown, allowing users to refine or exclude specific document types. A blue arrow points to the 'Exclude' button.

Annotations:

- A purple box explains: "在檢索結果頁面，您可以透過點選欄位連結限定您的結果，當點選後會呈現該欄位選取清單。出現最頻繁的項目會列在清單最前面。括號內的數字顯示該項目筆數。如欲取得更多項目，請點選 more..."
- Another purple box states: "選擇一個或多個勾選框，然後點選 Refine 呈現勾選的記錄"
- A third purple box explains: "勾選後可以透過 Refine 呈現勾選的記錄，或是使用 Exclude 的選項移除您不想保留的紀錄"

Output Records: At the bottom, the 'Output Records' section allows users to select how many records to display (e.g., 'Selected Records on page', 'All records on page') and how to format the output (e.g., 'Authors, Title, Source', 'Full Record').

排序方式 (Sort By)

可選擇查詢結果的排列方式，依照出版日期、相關性、被引用次數、第一作者姓氏字母順序、期刊名稱字母順序等。

勾選記錄 (Mark)

Selected records：勾選記錄前小方框，為已選取的記錄

All records on this page：取此頁中所有的記錄

Record x~x：選取檢索結果中第幾筆到第幾筆的記錄（上限 500 筆）

Full Record 全記錄範例

您也可以看到全文、圖書館館藏、OpenURL resolver 的連結。這些連結取決於您是否設定這些連結

您可將該筆記錄進行-輸出、列印、Email、儲存

按一下作者連結即可查詢資料庫中同樣名稱的作者所發表的文章

您也可以建立 Citation Alert 追蹤日後的引用情

若您所在機構訂購其它 ISI Web of Knowledge 產品，您可以連結至這些產品：JCR 可查看期刊影響指數趨勢

GLOBAL PATTERNS OF CARBON-DIOXIDE EMISSIONS FROM SOILS

Author(s): RAICH, JW, POTTER, CS
Source: GLOBAL BIOGEOCHEMICAL CYCLES Volume: 9 Issue: 1 Pages: 23-36 Published: MAR 1995
Times Cited: 276 References: 125 Citation Map beta

Abstract: We use semi-mechanistic, empirically based statistical models to predict the spatial and temporal patterns of global carbon dioxide emissions from terrestrial soils. Emissions include the respiration of both soil organisms and plant roots. At the global scale, rates of soil CO₂ efflux correlate significantly with temperature and precipitation; they do not correlate well with soil carbon pools, soil nitrogen pools, or soil C:N. Wetlands cover about 3% of the land area but contribute disproportionately to the atmosphere; it is estimated to be 76.5 Pg C yr⁻¹ (1.9 Pg C yr⁻¹ per ha). Historic land cover changes are estimated to have reduced soil CO₂ emissions by 10-20%. Our models suggest that soils produce CO₂ throughout the year. Our derivation of statistically based estimates of soil CO₂ emissions is the best-resolved estimate to date of global CO₂ emissions from the terrestrial biosphere.

Document Type: Review
Language: English
Keywords Plus: FOREST ECOSYSTEM PROCESSES; MIXED DECIDUOUS FOREST; CO₂ EVOLUTION; GENERAL-MODEL; MICROBIAL DECOMPOSITION; REGIONAL APPLICATIONS; SPATIAL VARIABILITY; TROPICAL GRASSLAND; SEASONAL PATTERN; VEGETATION INDEX
Reprint Address: RAICH, JW (reprint author), IOWA STATE UNIV SCI & TECHNOL, DEPT E
Addresses:
1. NASA, AMES RES CTR, MOFFETT FIELD, CA 94035 USA
Publisher: AMER GEOPHYSICAL UNION, 2000 FLORIDA AVE NW, WASHINGTON, DC 20037
Subject Category: Environmental Sciences; Geosciences, Multidisciplinary; Meteorology & Climatology
IDS Number: RB220
ISSN: 0886-6236

Cited by: 276
This article has been cited 276 times (from Web of Science).
Zhang N, Zhao YS, Yu GR. Simulated annual carbon fluxes of grassland ecosystems in extremely arid conditions. ECOLOGICAL RESEARCH 1 185-206 JAN
Pacific V, McGlynn B, RIVERS-IRAGUI D, et al. Variability in soil respiration across riparian-hillslope transitions. BIOGEOCHEMISTRY 1 51-70 OCT
Bahn M, Rodeghiero M, Anderson-Dunn M, et al. Soil Respiration in European Grasslands in Relation to Climate and Assimilate Supply. ECOSYSTEMS 8 1352-1367 DEC
[view all 276 citing articles]
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Related Records:
Find similar records based on shared references (from Web of Science).
[view related records]

References: 125
View the bibliography of this record (from Web of Science).

Additional information
View the journal's impact factor (in Journal Citation Reports)

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

Web of Science 記錄欄位

- Title (題名) 完整的文獻標題
- Author (作者) 包含作者的姓和不超過五位元的名字字母縮寫。所有作者都可以檢索，並有超連結連至相同姓名和縮寫之作者的其它文章。對於所有 2008 年及以後的記錄，在 Web of Science 中的作者資料，現在提供連結可用來對應論文中每一作者的地址。每位作者的標號都會連結至下面顯示的位址。
- Source Title (期刊名) 包含文獻所發表的期刊、卷期和頁次資訊。
- Cited References (引用參考文獻) 列出作者發表論文時列出的參考書目。某種程度上這些參考文獻對作者的論文產生影響。
- Conference Information(會議資訊)
- Times Cited (被引用次數) 指該論文自發表以來被資料庫收錄的其它論文引用的次數，在此顯示的次數統計同時包含了會議論文以及期刊文獻。因此對於一般的期刊文獻也擁有更高的被引次數統計，因為引用的文獻包括了新的會議論文資料。沒有訂閱 Proceedings citation indexes 的研究機構仍會看到完全的期刊文獻的被引用次數。
- Related Records (相關記錄) 指資料庫中與您正在瀏覽的記錄引用了一篇或多篇相同參考文獻的那些文章。
- Abstracts (摘要) 由文章作者所提供的英文摘要。
- Author Keywords (作者關鍵字) 由文章作者所提供的關鍵字。
- Keywords Plus (附加關鍵字) 從文章的參考文獻的標題中提取的關鍵字。

- **Addresses (作者地址)** 所有作者地址都會被索引。通訊作者地址被列在最前面，隨後是研究人員地址。請注意其他作者地址並不一定與記錄中列出的特定地址一一對應。
- **Author Email Address (作者電子郵件地址)** 如果通訊作者在論文中列出了郵件地址，資料庫中便會收錄該資訊。
- **Subject Category (學科分類)** 指的是期刊的學科分類而不是文章的學科分類。這邊所提供的學科分類與 Journal Citation reports 的分類完全相同。

Cited References 參考文獻範例

點選 Find Related Records 取得引用相同參考文獻的相關記錄

Web of Science 收錄的引文以藍色標示。按下刊名可直接連結該篇引文的全記錄

Results: 125

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

Clear All Pages Find Related Records

1. ALEXANDER M
INTRO SOIL MICROBIOL : 1977
2. ANDERSON JM
CARBON-DIOXIDE EVOLUTION FROM 2 TEMPERATE, DECIDUOUS WOODLANDS
JOURNAL OF APPLIED ECOLOGY 10 : 361 1973
3. BEHERA N
CARBON BUDGET OF A PROTECTED TROPICAL GRASSLAND WITH REFERENCE TO PRIMARY PRODUCTION AND TOTAL SOIL RESPIRATION
REVUE D ECOLOGIE ET DE BIOLOGIE DU SOL 23 : 167 1986
4. BEYER L
INTERSITE CHARACTERIZATION AND VARIABILITY OF SOIL RESPIRATION IN DIFFERENT ARABLE AND FOREST SOILS
BIOLOGY AND FERTILITY OF SOILS 12 : 122 1991
5. BILLES G
REV ECOL BIOL SOL 8 : 375 1971

Related Records 相關記錄範例

與您所瀏覽的文章引用相同參考文獻的其它文章列表。在第一筆記錄中，該篇文章引用 112 筆參考文獻，與您所瀏覽的文章(參考文獻數目為 125)引用了相同的 31 篇參考文獻

點選篇名可以查看完整記錄

Results: 15,805

Page 1 of 1,581

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1. Title: Vegetation and soil respiration: Correlations and controls
Author(s): Raich, JW, Tufekcioglu A
Source: BIOGEOCHEMISTRY Volume: 48 Issue: 1 Pages: 71-90 Published: JAN 2000
Times Cited: 156
+Links Full Text
2. Title: ASPECTS OF SPATIAL AND TEMPORAL AGGREGATION IN ESTIMATING REGIONAL CARBON-DIOXIDE FLUXES FROM TEMPERATE FOREST SOILS
Author(s): KICKLIGHTER DW, MELILLO JM, PETERJOHN WT, et al.
Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 99 Issue: D1 Pages: 1303-1315 Published: JAN 20 1994
Times Cited: 58
+Links Full Text

	Refs	Refs
1.	112	31
2.	74	28

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

Search | Cited Reference Search | Structure Search | Advanced Search | Search History

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Shared References

Cited references from:
 RAICH, JW. GLOBAL PATTERNS OF CARBON-DIOXIDE EMISSIONS FROM SOILS
 BIOTROPHIC NITROGEN FIXATION IN A TROPICAL RAIN FOREST

Are also cited by:
 Raich, JW. Vegetation and soil respiration: Correlations and controls
 SOIL BIOTROPHIC NITROGEN FIXATION IN A TROPICAL RAIN FOREST

Results: 31

Page 1 of 2

1. BEYER L
 INTERSITE CHARACTERIZATION AND VARIABILITY OF SOIL RESPIRATION IN DIFFERENT ARABLE AND FOREST SOILS
 BIOLOGY AND FERTILITY OF SOILS 12 : 122 1991

2. BUYANOVSKY GA
 COMPARATIVE ANALYSES OF CARBON DYNAMICS IN NATIVE AND CULTIVATED ECOSYSTEMS
 ECOLOGY 68 : 2023 1987

當您瀏覽這些共用的參考文獻時，您會發現一組核心論文經常會同被引。這些核心論文往往是您所從事的研究領域的最為重要的文章。

Times Cited 被引記錄範例

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Citing Articles

Title: GLOBAL PATTERNS OF CARBON-DIOXIDE EMISSIONS FROM SOILS
 Author(s): RAICH, JW
 Source: GLOBAL BIOGEOCHEMICAL CYCLES Volume: 9 Issue: 1 Pages: 23-36 Published: MAR 1995
[Citation Map](#) [beta](#)

The above article has been cited by the articles listed below.
 Note: The Times Cited count is calculated across all Web of Science editions. More information.

Results: 276

Page 1 of 28

Sort by: Latest Date

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

Refine Results

Search within results for

Subject Areas Refine

- ENVIRONMENTAL SCIENCES (102)
- GEOSCIENCES, MULTIDISCIPLINARY (63)
- METEOROLOGY & ATMOSPHERIC SCIENCES (62)
- ECOLOGY (61)
- SOIL SCIENCE (50)

Document Types Refine

- ARTICLE (232)
- PROCEEDINGS PAPER (25)
- REVIEW (19)

Authors

Source Titles

Publication Years

Conference Titles

Institutions

Languages

Countries/Territories

Analyze Results

1. Title: Simulated annual carbon fluxes of grassland ecosystems in extremely arid conditions
 Author(s): Zhang N, Zhao YS, Yu GR
 Source: ECOLOGICAL RESEARCH Volume: 24 Issue: 1 Pages: 185-206 Published: JAN 2009
 Times Cited: 0
[Links](#) [Full Text](#)

2. Title: Variability in soil respiration across riparian-hillslope transitions
 Author(s): Pacific V, McGlynn B, RIVERS-IREGUI D, et al.
 Source: BIOGEOCHEMISTRY Volume: 91 Issue: 1 Pages: 51-70 Published: OCT 2008
 Times Cited: 1
[Links](#) [Full Text](#)

3. Title: Soil Respiration in European Grasslands in Relation to Climate and Assimilate Supply
 Author(s): Bahn M, Rodeghiero M, Anderson-Dunn M, et al.
 Source: ECOSYSTEMS Volume: 11 Issue: 8 Pages: 1352-1367 Published: DEC 2008
 Times Cited: 0
[Links](#) [Full Text](#)

4. Title: Characteristics of soil CO2 efflux variability in an aseasonal tropical rainforest in Borneo Island
 Author(s): Ohashi M, Kumagai T, Kume T, et al.
 Source: BIOGEOCHEMISTRY Volume: 90 Issue: 3 Pages: 275-289 Published: SEP 2008
 Times Cited: 0
[Links](#) [Full Text](#)

5. Title: Simple three-pool model accurately describes patterns of long-term litter decomposition in diverse climates
 Author(s): Adair EC, Parton WJ, Del Grosso SJ, et al.
 Source: GLOBAL CHANGE BIOLOGY Volume: 14 Issue: 11 Pages: 2636-2660 Published: NOV 2008
 Times Cited: 0
[Links](#) [Full Text](#)

6. Title: Soil texture drives responses of soil respiration to precipitation pulses in the Sonoran Desert: Implications for climate change
 Author(s): Cable JM, Ogle K, Williams DG, et al.
 Source: ECOSYSTEMS Volume: 11 Issue: 6 Pages: 961-979 Published: SEP 2008
 Times Cited: 0
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Citation Alert 引文追蹤

可以在全記錄頁面設定引文追蹤服務來瞭解未來該文章的被引用情況。首先必須在 ISI Web of Knowledge 開始頁面註冊您的郵件地址和管理密碼才可使用該功能。

ISI Web of Knowledge Citation Alert

Cited Article: Raich JW. Global patterns of carbon-dioxide emissions from soils

Alert Expires: 19 MAY 2006

Number of Citing Articles: 1 new records this week (1 in this e-mail)

Organization ID: ecc4ff732258f83da2296446fbb84a70

=====
Note: Instructions on how to purchase the full text of an article and Help Desk Contact information are at the end of the e-mail.
=====

*Record 1 of 1.

*View Full Record:

<http://gateway.isiknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;KeyUT=000232558200077>

Title:

A genomic analysis of rat proteases and protease inhibitors

每週您可以從電子郵件中獲知哪些文章引用了您所設定的文章

Authors:

Puente, XS; Lopez-Otin, C

Source:

GENOME RESEARCH, 14 (4): 609-622 APR 2004

Language:

English

Document Type:

Article

Keywords Plus:

GENE FAMILY; MATRIX METALLOPROTEINASES; CYSTEINE PROTEASES; MOUSE; EVOLUTION; IDENTIFICATION; DISEASE; PROTEINASE; SEQUENCE; MOUSE-CHROMOSOME-13

Abstract:

Proteases perform important roles in multiple biological and pathological processes. The availability of the rat genome sequence has facilitated the analysis of the complete protease repertoire or degradome of this model organism. The rat degradome consists of at least 626 proteases and homologs, which are distributed into 24 aspartic, 160 cysteine, 192 metallo, 221 serine, and 29 threonine proteases. This distribution is similar to that of the mouse degradome but is more complex than that of the human degradome composed of 561 proteases and homologs. This increased complexity of rat proteases mainly derives from the expansion of several families, including

Analyze Results 分析檢索結果

分析功能可以用於任何結果頁面，包括相關記錄(Related Records)、引用文章和檢索結果。當您查看分析結果時會出現結果頁面，您可以再次分析先前分析的結果。

Analyze - Related Records 分析-相關記錄

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Related Records

Title: GLOBAL PATTERNS OF CARBON-DIOXIDE EMISSIONS FROM SOILS
 Author(s): RAICH, JW
 Source: GLOBAL BIOGEOCHEMICAL CYCLES Volume: 9 Issue: 1 Pages: 23-36 Published: MAR 1995
 Cited References: 125 Selected References: 125

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

Results: 15,805 Page 1 of 1,581 Sort by: Relevance

Print E-mail Add to Marked List Save to EndNote Web Save to EndNote RefMan ProCite more options **Analyze Results**

	Cited Refs	Shared Refs
1. Title: Vegetation and soil respiration: Correlations and controls Author(s): Raich JW, Tufekcioglu A Source: BIOGEOCHEMISTRY Volume: 48 Issue: 1 Pages: 71-90 Published: JAN 2000 Times Cited: 156	112	31
2. Title: ASPECTS OF SPATIAL AND TEMPORAL AGGREGATION IN ESTIMATING REGIONAL CARBON-DIOXIDE FLUXES FROM TEMPERATE FOREST SOILS Author(s): KICKLIGHTER DW, MELILLO JM, PETERJOHN WT, et al Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 99 Issue: D1 Pages: 1303-1315 Published: JAN 20 1994 Times Cited: 68	74	28
3. Title: On a two-dimensional energy balance climate model coupled interactively to a land carbon cycle model Author(s): Chan YH, Chan D, Higuchi K Source: TELLUS SERIES B-CHEMICAL AND PHYSICAL METEOROLOGY Volume: 48 Issue: 3 Pages: 329-346 Published: JUL 1996 Times Cited: 1	82	22

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Analyze Results

15,805 records. RAICH, JW. GLOBAL PATTERNS OF CARBON-DIOXIDE EMISSIONS FROM SOILS

Rank the records by this field:	Analyze:	Set display options:	Sort by:
Language Publication Year Source Title Subject Area	Up to 25000 records.	Show the top 10 results. Minimum record count (threshold): 2	<input checked="" type="radio"/> Record count <input type="radio"/> Selected field

Analyze

Use the checkboxes below to view the records. You can choose to view those selected records, or you can exclude them (Note: The number of records displayed may be greater than the listed Record Count if the original set contained more records than the number of records analyzed.)

Field: Subject Area	Record Count	% of 15805	Bar Chart
ENVIRONMENTAL SCIENCES	3472	21.9677 %	[Bar]
ECOLOGICAL ECONOMY	2000	12.6575 %	[Bar]
BIODIVERSITY CONSERVATION	569	3.6001 %	[Bar]
WATER RESOURCES	524	3.3154 %	[Bar]

View Records Exclude Records

View Records Exclude Records

(180 Subject Area value(s) outside display options.)

Save Analysis Data to File

您可以將最多 10 萬筆的資料依照作者、期刊名、國家/地區、學科領域、出版年、語言和機構名稱進行分析。資料可以儲存為 Tab 字元分隔的檔案並應用於 Excel。

點選記錄前的核取方塊，然後點選 View Records 瀏覽結果。

- **Author 作者** 在相關記錄中如果按照作者進行分析，您可以發現是哪些作者引用了您所關切的論文中的參考文獻，從而幫助您瞭解在這一研究領域裡誰的工作最為接近。

- **Country/ Territory 國家** 在相關記錄中如果按照國家進行分析，您可以發現是哪些國家引用了您所關切的論文中的參考文獻，從而幫助您瞭解在這一研究領域裡哪個國家的研究最多。

- **Document Type 文獻類型** 在相關記錄中分析文獻類型您可以發現引用了某一特定研究論文的參考文獻的論文通常發表在什麼類型的文獻上。

- **Institute Name 機構名稱** 在相關記錄中進行機構名稱的分析可以幫助您瞭解還有哪些機構曾經引用了來自於某篇特定的論文的參考文獻，進而得知還有哪些機構也在從事相同領域的研究工作，透過縮小檢索範圍而獲得更準確的資訊。

- **Language 語言** 可以找出相關記錄最常以哪些語言發表。

- **Publication Year 出版年** 找出相關記錄最常發表於哪一個年代，並得知引文何時被大量引用。

- **Source Title 期刊來源** 找出這些相關記錄都發表在哪些刊物。當您應用相同的參考文獻時，在某種程度上可以幫助您選擇您的發表刊物。

- **Subject Area 學科領域** 可以顯示相關記錄的發表期刊的學科分類，從而讓您發現這些相關的科學研究是如何跨學科進行發展和應用的。

Analyze - Citing Articles (Times Cited)分析-引用文獻(被引次數)

<< Back to previous

Citing Articles

Title: GLOBAL PATTERNS OF CARBON-DIOXIDE EMISSIONS FROM SOILS
 Author(s): RAICH, JW
 Source: GLOBAL BIOGEOCHEMICAL CYCLES Volume: 9 Issue: 1 Pages: 23-36 Published: MAR 1995
[Citation Map](#) *beta*

The above article has been cited by the articles listed below.
 Note: The Times Cited count is calculated across all Web of Science editions. More information.

Results: 276 Page 1 of 28 Sort by: Latest Date

Print E-mail Add to Marked List Save to EndNote Web Save to EndNote, RefMan, ProCite more options Analyze Results

Refine Results

Search within results for

Subject Areas [Refine](#)

- ENVIRONMENTAL SCIENCES (102)
- GEOSCIENCES, MULTIDISCIPLINARY (63)
- METEOROLOGY & ATMOSPHERIC SCIENCES (62)
- ECOLOGY (61)
- SOIL SCIENCE (60)
- more options / values...

Document Types [Refine](#)

- ARTICLE (232)
- PROCEEDINGS PAPER (25)
- REVIEW (19)
- more options / values...

Authors

Source Titles

Publication Years

Conference Titles

Institutions

Languages

Countries/Territories

For advanced refine options, use [Analyze Results](#)

1. Title: Simulated annual carbon fluxes of grassland ecosystems in extremely arid conditions
 Author(s): Zhang N, Zhao YS, Yu GR
 Source: ECOLOGICAL RESEARCH Volume: 24 Issue: 1 Pages: 185-206 Published: JAN 2009
 Times Cited: 0
[Links](#) [Full Text](#)
2. Title: Variability in soil respiration across riparian-hillslope transitions
 Author(s): Pacific V, McGlynn B, Rivers-Iregui D, et al.
 Source: BIOGEOCHEMISTRY Volume: 91 Issue: 1 Pages: 51-70 Published: OCT 2008
 Times Cited: 1
[Links](#) [Full Text](#)
3. Title: Soil Respiration in European Grasslands in Relation to Climate and Assimilate Supply
 Author(s): Bahn M, Rodeghiero M, Anderson-Dunn M, et al.
 Source: ECOSYSTEMS Volume: 11 Issue: 8 Pages: 1352-1367 Published: DEC 2008
 Times Cited: 0
[Links](#) [Full Text](#)
4. Title: Characteristics of soil CO2 efflux variability in an aseasonal tropical rainforest in Borneo Island
 Author(s): Ohashi M, Kumagai T, Kume T, et al.
 Source: BIOGEOCHEMISTRY Volume: 90 Issue: 3 Pages: 275-289 Published: SEP 2008
 Times Cited: 0
[Links](#) [Full Text](#)
5. Title: Simple three-pool model accurately describes patterns of long-term litter decomposition in diverse climates
 Author(s): Adair EC, Parton WJ, Del Grosso SJ, et al.
 Source: GLOBAL CHANGE BIOLOGY Volume: 14 Issue: 11 Pages: 2636-2660 Published: NOV 2008
 Times Cited: 0
[Links](#) [Full Text](#)
6. Title: Soil texture drives responses of soil respiration to precipitation pulses in the Sonoran Desert: Implications for climate change
 Author(s): Cable JM, Ogle K, Williams DG, et al.

View Records Exclude Records

	Field: Institution Name	Record Count	% of 276	Bar Chart	Save Analysis Data to File
<input type="checkbox"/>	CHINESE ACAD SCI	33	11.9565 %	<div style="width: 11.9565%;"></div>	
<input type="checkbox"/>	UNIV CALIF BERKELEY	29	10.5072 %	<div style="width: 10.5072%;"></div>	
<input type="checkbox"/>	COLORADO STATE UNIV	19	6.8841 %	<div style="width: 6.8841%;"></div>	
<input type="checkbox"/>	MAX PLANCK INST BIOGEOCHEM	11	3.9855 %	<div style="width: 3.9855%;"></div>	
<input type="checkbox"/>	UNIV COLORADO	10	3.6232 %	<div style="width: 3.6232%;"></div>	

- **Author 作者** 顯示哪一個作者引用了您選定的論文的次數最多，讓您確定誰在延續追蹤並從事這一領域的工作。
- **Document Type 文獻類型** 為您顯示引用了您選定的論文的文獻主要以哪些文獻類型發表。
- **Institute Name 機構名稱** 顯示哪一個機構最常引用您感興趣的研究論文。
- **Language 語言** 幫您瞭解引用了您選定的文獻的主要語言是什麼。
- **Publication Year 出版年** 引用了您選定的文獻的文章主要發表在什麼時間，進而顯示這篇文章被引用的時間趨勢。
- **Source Title 期刊來源** 可顯示您選定的文獻經常被哪些期刊所引用，某種程度上可以幫助您選擇您未來發表論文的投稿方向。
- **Subject Category 學科分類** 透過顯示一篇論文被不同領域的研究論文所引用的狀況，瞭解該課題研究的學科交叉趨勢。

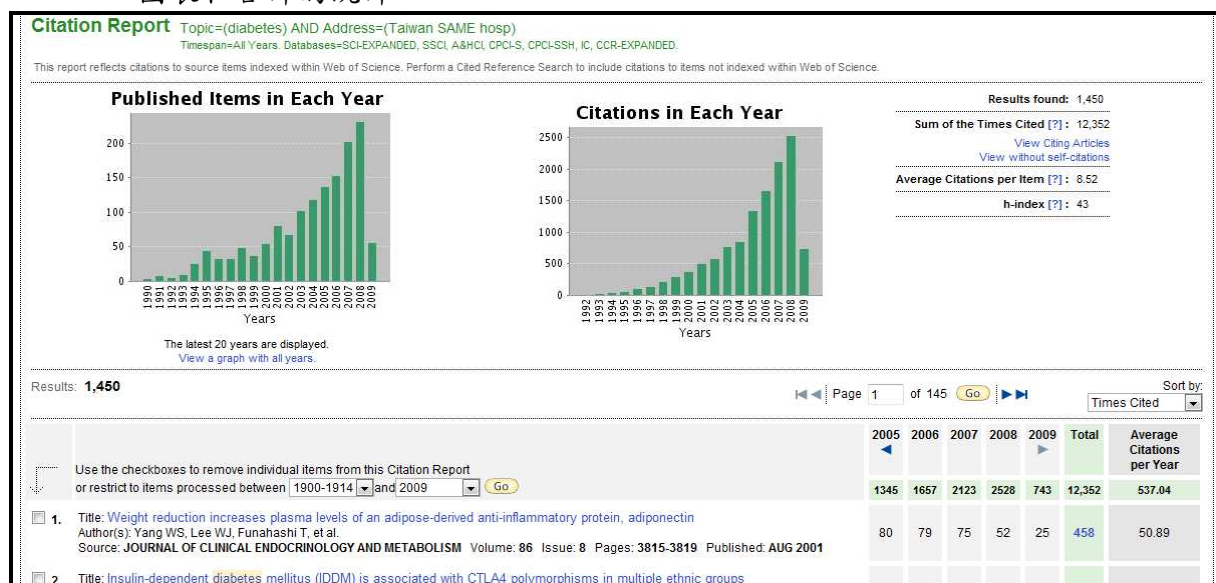
Citation Report 引用報告

1. 簡介

Citation Report 引用報告提供關於此次檢索結果合計的引用統計。這些統計包含：

- 所有文章被引用次數總和
- 平均每篇文章被引用次數
- 平均每篇文章每年被引用次數
- 每篇文章在一年中平均被引用次數
- H-index

2. 圖表和合計的統計



I. Published Items in Each Year

此圖表呈現此次檢索結果每年出版文章數量統計。從此圖表可以看出這次檢索結果哪一年所產生的文章數最多，哪一年產生的數量較少

II. Citations in Each Year

此圖表呈現此檢索結果每年引用數量統計。從此圖表可以看出這次檢索結果哪一年所引用的文章最多，哪一年引用數量最少

III. Results found

此次檢索結果筆數。

IV. Sum of the Times Cited

此次檢索結果引用次數總和。

V. Average Citation per Item

此次檢索結果平均每篇文章引用次數。

VI. h-index

h-index 是由一條綠色水平線表明。在這條綠色水平線上方項目，這個就是 h，至少有 h 引用。例如：h-index 20 代表此檢索項目有 20 篇文章被引用 20 次或是更多的引用。

這個計量工具是有用的，因為它折扣了高被引文章或還沒被引用文章不均衡的比重。例如：下圖例子此次檢索結果有五篇文章，平均每篇被引用 12.20 (引用總數和 61 除以 5 篇文章)，但是此範例的 h-index 是 2。

	2002	2003	2004	2005	2006	Total	Average Citations Per Year
1. Delauney F, Thisse C, marchand O, et al. An inherited functional circadian clock in zebrafish embryos SCIENCE 289 (5477): 297-300 JUL 14 2000	15	15	13	9	7	61	30.50
2. Prince VE, Holley SA, Bally-cuif L, et al. Zebrafish lunatic fringe demarcates segmental boundaries MECHANISMS OF DEVELOPMENT 105 (1-2): 175-180 JUL 2001	10	9	3	3	3	30	4.29
3. Oehlmann VD, Berger S, Sterner C, et. Zebrafish beta tubulin 1 expression is limited to the nervous system throughout development, and in the adult brain is restricted to a subset of proliferative regions GENE EXPRESSION PATTERNS 4 (2): 191-198 MAR 2004			0	1	1	2	0.67
4. Park HC, Boyce J, Shin J, et al. Oligodendrocyte specification in zebrafish requires Notch-regulated cyclin-dependent kinase inhibitor function JOURNAL OF NEUROSCIENCE 25 (29): 6836-6844 JUL 20 2005				0	0	0	0.00
5. Ben J, Jabs EW, Chong SS Genomic cDNA and embryonic expression analysis of zebrafish IRF6, the gene mutated in the human oral clefting disorders Van der Woude and popliteal pterygium syndromes GENE EXPRESSION PATTERNS 5 (5): 629-638 JUN 2005				0	0	0	0.00

註：The h-index was developed by J.E. Hirsch and published in *Proceedings of the National Academy of Sciences of the United States of America* 102 (46): 16569-16572 November 15 2005.

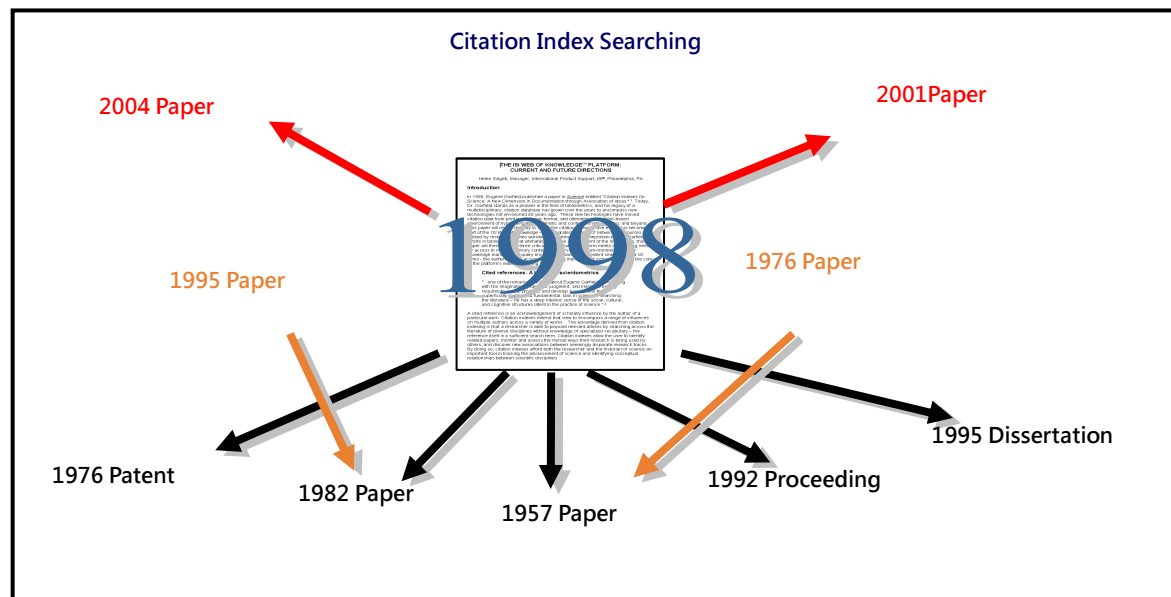
VII. Summary List and Citation Counts

Citation Report 中的檢索結果預設值都是以被引用次數來排序。如果您回到查詢的檢索結果頁面並且選擇 Time Cited 排序，您應該會看到相同的記錄。您也可以在此 Citation Report 檢索結果頁面中重新依照 Latest Date、First Author、Source Title、Publication Year 排序。

各篇文章右邊的欄位呈現該篇文章每年被引用次數。使用箭頭符號瀏覽先前和未來引用數量。不管您原始查詢選擇的時間，所有引用年代全都呈現出來。例如：如果您選擇的時間是 2000-2003 年，Citation Report 將呈現出從 2000 至今所有引用年代。

在 Total (總計)欄位中呈現的是所有年代引用次數。點選這個欄位中的數字，可以瀏覽所有引用該篇文章的文章。

Cited Reference Search 引文檢索



引文檢索的意義與優勢

- 引文索引可以讓您回溯和追蹤多種文獻類型諸如期刊資訊、會議文獻、圖書章節乃至於任何類型出版的文獻，進而讓您瞭解與您的研究相關的資訊。
- 引文檢索將出版的期刊論文的參考文獻作為檢索點，它是作者本人所提供的文獻的關聯關係，從而從本質上揭示了作者的研究工作曾經受到了哪些文獻的影響。

引文資訊的使用

- 發現誰在引用您的研究工作，無論他是您的同事還是研究權威。這樣做的重要性在於瞭解別人是如何在您的研究成果上進行引申的，從而讓您找到您從事自己研究的新方向和新改進。
- 瞭解競爭者在他們工作中所關注的來源資訊。
- 勾畫出某個研究領域，某個重大發現或者重要發明的歷史發展過程。
- 利用某一篇已知的論文作為開端來從事自己的研究，找出誰在引用這篇文章，誰又引用了這些引用文章，從而幫您瞭解目前這項研究的最前端，並獲得相關的研究文獻。
- 透過共同引用的論文追蹤最近的熱門主題，獲取許多新的想法並用以輔助現有研究成果或不足。

如果希望查找引用了某一特定著作的文獻，可從開始頁面上選擇 **Cited Reference Search**，或者點擊工具欄中的 **the Cited Reference Search** 按鈕。關於以下文章的引文檢索示例如下

- **K. Anand, J. Ziebuhr, P. Wadhvani, J.R. Mesters, R. Hilgenfeld.** "Coronavirus main proteinase (3CL(pro)) structure: Basis for design of anti-SARS drugs."
- **SCIENCE**, 300 (5626): 1763-1767, Jun. 13, 2003.

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

Search | Cited Reference Search | Structure Search | Advanced Search | Search History

Web of Science®

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

Step 1: Enter the author's name, the work, and the year.

Cited Author:
Example: O'Brian C OR OBrian C**

Cited Work:
Example: J Comput Appl Math journal abbreviation list*

Cited Year:
Example: 1943 or 1943-1945

Limit to: [\(Change Limits\)](#)
 Timespan=All Years. Databases=Science Citation Index Expanded (SCI-EXPANDED); Social Sciences Citation Index (SSCI); Arts & Humanities Citation Index (A&HCI)

在被引用作者名字的首字母後使用變化詞或切截。您可以利用被引作者索引查找被引作者姓名

使用不同變化或切截找到期刊縮寫名的不同變化。例如：Science* 或 J Comput Appl Math* 書名例如：Structural Anthropology

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

Search | Cited Reference Search | Structure Search | Advanced Search | Search History

Web of Science®

<< Back to previous

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

Step 2 of 2: Select the references to cite. Select the references to cite. Hint: Look for the "Cited Reference" button. Cited or papers are cited.

CITED REFERENCE SEARCH RESULTS
 References: 1 - 1

Select	Cited Author	Cited Work [SHOW EXPANDED TITLES]	Year	Volume	Page	Article ID	Citing Articles **	View Record
<input type="checkbox"/>	ANAND K	SCIENCE					1	
<input type="checkbox"/>	ANAND K	SCIENCE	2003				3	
<input type="checkbox"/>	ANAND K	SCIENCE	2003	5626	1763		1	
<input type="checkbox"/>	ANAND K	SCIENCE	2003	300	1463		1	
<input type="checkbox"/>	ANAND K	SCIENCE	2003	300	1763		226	View Record
<input type="checkbox"/>	ANAND K	SCIENCE	2003	13	13		1	
<input type="checkbox"/>	ANAND K	SCIENCE 0513	2003				1	
<input type="checkbox"/>	ANAND K	SCIENCE 1305	2003				1	
<input type="checkbox"/>	ANAND K	SCIENCEEXPRESS	2003				1	
<input type="checkbox"/>	ANAND KZ	SCIENCE 0513	2003				1	

Restrict results by any or all of the options below:

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

在左側的核取方塊中作標記以選擇適當的文獻，然後點選 Finish Search 完成檢索

注意該論文被引用的來源有幾種不同的形式。導致引文不同的原因主要是作者在引用時給了不正確論文卷期頁和出版年等資訊

點選 Show Expanded Titles 在本頁顯示完整題名和期刊名。按下 View record 可連至該筆引用文獻的全記錄

Cited Reference Index 引文索引

	Cited Journal Article 被引用期刊文章
Cited Author 被引用作者	第一作者的姓 (不超過 15 個字母) · 空格 · 以及名的首字母 (不超過 3 個) 。
Cited Work 被引用作品	著作的標題 · 縮寫為 20 字元以內 · 在檢索頁面列出的引用著作列表列出了 ISI 來源期刊的縮寫形式 。
Cited Year 被引用作品的年代	該引用作品的發表年代
Volume 卷號	卷號(四個字元以內)
Page 頁次	文章的起始頁碼(不超過五個字元)
Article ID 文章編號	由期刊出版商給予的標示號

引文檢索的應用

ISI Web of Science 是一個獨特的研究工具，提供研究者廣泛資訊的搜尋環境，唯一的限制在於使用者的需求及其想像。ISI Web of Science 能夠幫助研究者了解他們所未知的以及那些先前所不了解的。以下是 Web of Science 一般上的運用：

- 文章是否被引用？
- 這篇文章在談些什麼？
- 關於這個研究主題是否有評論文章？
- 這個理論或方法是否有進一步的發展？
- 化學反應或化合物是否有新方法或改進？
- 誰在作品中提出這個概念？
- 原始的文章是否提出了修正？
- 哪些機構和作者也在從事相同的研究領域？
- 該領研究人員在何處發表？
- 這個方法是否被應用於其他領域的作品中？
- 研究人員是否引用了專利？他們如何使用專利？
- 研究中是研引用了非期刊文獻？它們的影響性如何？
- 該研究領域中最常引用的文章為何？

如果被檢索的引文被資料庫所收錄，同時也在您的機構所訂購的時間範圍內，則可以對被引用的第二作者進行檢索。例如：您可以在被引作者框中輸入 ziebuhr j* 來檢索作者 K. Anand, J. Ziebuhr, P. Wadhwani, J.R. Mesters, & R. Hilgenfeld 發表的論文的被引用情況。

注意：為了查全引文的不同寫法，您最好按照第一作者的姓名進行檢索

Advanced Search 進階檢索

在進階檢索頁面，您可以使用兩字元的欄位代碼以及集合進行較複雜的檢索。但不可以在單一檢索中同時輸入兩字元的欄位代碼與先前的檢索集合。

從 *Web of Science* 頁面中點選此一連結進入進階檢索頁面



如果您要查詢發表於 *Energy* 或 *Energy Policy* 中有關減少二氧化碳排放(reducing carbon dioxide emissions)的文章可輸入：

TS=((carbon dioxide or co2) same emission* and (reduc* or mitigat* or abat*)) and SO=(energy or energy policy)

Field Tags

TS=Topic	AND
TI=Title	OR
AU=Author	NOT
GP=Group Author	SAME
SD=Publication Name	
PY=Year Published	
AD=Address	
OG=Organization	
SG=Suborganization	
SA=Street Address	
CI=City	
PS=Province/State	
CU=Country	
ZP=Zip/Postal Code	

Booleans

AND
OR
NOT
SAME

可運用的欄位代碼以及布林邏輯運算元

Set	Results		Combine Sets	Delete Sets
#1	372	TS=((carbon dioxide or co2) same emission* and (reduc* or mitigat* or abat*)) and SO=(energy or energy policy) <i>Databases=SCI-EXPANDED, SSC, A&HCI Timespan=All Years</i>	<input type="checkbox"/>	<input type="checkbox"/>

Saving Histories and Creating Alerts 儲存歷史和建立追蹤

您可以將檢索歷史儲存在自己的電腦、網路或 ISI 的伺服器。儲存在自己電腦裡的歷史記錄可以開啟並重新執行。儲存於伺服器上可以讓您建立追蹤並輕鬆地開啟與管理檢索歷史。這項功能可以用於一段檢索(**General**)和 引文檢索(**Cited Reference**)

Web of Science®
Search History

Set	Results	
#3	4,356	#2 OR #1 Databases=SCI-EXPANDED, SSCI, A&HCI Timespan=All Years
#2	1,495	ts=(economic growth and educat*) Databases=SCI-EXPANDED, SSCI, A&HCI Timespan=All Years
#1	3,094	ts=(eco Databas

Save History / Create Alert Open Saved History Combine Sets (AND/OR) Delete Sets (Select All/Delete)

若希望一次取得先前的檢索結果，必須先結合 1 先前的檢索結果集合，產生新的集合 (#3)。勾選集合前的小方框並利用上方的布林邏輯 AND 或 OR 結合先前的檢索結果

您可以從檢索歷史(**Search History**)或進階檢索(**Advanced Search**)頁面儲存檢索歷史或追蹤。若想要設定追蹤功能，需注意這個追蹤將依據您最後建立的檢索而定。每個檢索歷史最多可以設定 20 個檢索策略

Save Search History

Save on the ISI Web of Knowledge Server:
Use this box to save your history to your private account.

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

Product: Web of Science
History Name: _____ (F)
Description: _____
Number of Search Queries: 3

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: Biblio
E-mail format: Plain Text
Alert query: #2 OR #1
Alert editions: SCI-EXPANDED, SSCI, A&HCI
E-mail frequency: Weekly Monthly

Save Save

若想收到檢索結果追蹤，按下 Send Me E-mail Alerts 前的方格並輸入您的 e-mail 地址

檢索結果追蹤訊息類型有：只有通知、書目(篇名、期刊來源、作者)、書目+摘要、全記錄。E-mail 格式包括：純文字、HTML(含全記錄連結)、ISI ResearchSoft(匯入 EndNote、Reference Manager 或 ProCite)和欄位格式(Field Tagged)。

ISI Web of Knowledge Search Alert

```
=====
Product:      Web of Science
History Name: econ growth
Description:   economic growth technology education
Alert Expires: 10 JUN 2006
Alert Query:   #2 OR #1
Results Found: 1 new records were found this week (1 in this e-mail)
Organization ID: 9c1330f0dda3f188a3813b9840d1143f
=====
```

*Record 1 of 1.

*View Full Record:

<http://links.primary.cls.isinet.com/current/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;KeyUT=000220701300001>

您會每週或每月收到符合您檢索條件的結果 e-mail 通知。按下信件中提供的連結即可連至 Web of Science 查看全記錄

Managing Histories and Alerts 管理歷史與追蹤

ISI Web of KnowledgeSM Take the next step

Search Chinese Science Citation Database®

Search | Cited Reference Search | Structure Search | Advanced Search | Search History | Marked List (0)

Web of Science® – now with Conference Proceedings

Search for:

Example: oil spill* mediterranean

AND

Example: O'Brian C* OR O'Brian 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

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

Timespan:

All Years (updated 2009-01-10)

From 1900-1914 to 2009 (default is all years)

Citation Databases:

- Science Citation Index Expanded (SCI-EXPANDED)–1900-present
- Social Sciences Citation Index (SSCI)–1956-present
- Arts & Humanities Citation Index (A&HCI)–1975-present
- NEW!** Conference Proceedings Citation Index- Science (CPCI-S)–1990-present
- NEW!** Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH)–1990-present

Chemical Databases:

- Index Chemicus (IC)–1993-present
- Current Chemical Reactions (CCR-EXPANDED)–1985-present (includes Institut National de la Propriete Industrielle structure data back to 1840)

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- Training and Support
- Help Desk
- Provide Feedback
- Search the Web with Scientific WebPlus

儲存於伺服器裡的歷史和追蹤將顯示在這裡。按下名稱即可執行查詢，或按下 Open/Manage Saved Searches 取得更多選項

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Display histories from: Web of Science

History Name	Product	Description	RSS Feed	Alerting	Modify Settings	Delete	Open/Run History
Economic	Web of Science	Economic		Status: Off Expires: --	Settings	Select All Delete	Open

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Use this box to open a history from a local drive.

Use Browse to select a locally saved history file. Then click "Open."

Browse... Open

按下 Settings 按鈕更改追蹤類型、電子郵件格式、追蹤頻率、收件者電子郵件地址等

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你的追蹤訊息可以持續 24 週，在最後到期前，您 1 會收到一封即將期滿的電子郵件，如果要延長追蹤訊息的時間，您可以在 ISI Web of Knowledge 的首頁中，選擇您希望延長的项目，並點選 Renew 按鈕

檢索結果匯出

The screenshot shows the ISI Web of Knowledge search results page. The search criteria are: Topic=((co2 or carbon dioxide) same emission*) and (reduc* or mitigat* or abat*). The results are sorted by Latest Date, showing 5,188 results on page 1 of 519. The 'Output Records' section at the bottom is highlighted with a red box and contains three steps for selecting records and export options.

Refine Results

Search within results for:

Subject Areas

- ENERGY & FUELS (1,821)
- ENVIRONMENTAL SCIENCES (1,548)
- ENVIRONMENTAL STUDIES (890)
- ENGINEERING, ENVIRONMENTAL (601)
- THERMODYNAMICS (492)

more options / values...

Document Types

- ARTICLE (3,111)
- PROCEEDINGS PAPER (1,793)
- REVIEW (208)
- EDITORIAL MATERIAL (30)
- MEETING ABSTRACT (10)

more options / values...

Authors

Source Titles

Publication Years

Conference Titles

Institutions

Languages

Countries/Territories

For advanced refine options, use

Results Topic=((co2 or carbon dioxide) same emission*) and (reduc* or mitigat* or abat*)
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, IC, CCR-EXPANDED. ScientificWebPlus View Web Results >>

Results: 5,188 Page 1 of 519 Go Sort by: Latest Date

more options

- Title: Aviation in turbulent times
Author(s): Bows A, Anderson K, Mander S
Source: TECHNOLOGY ANALYSIS & STRATEGIC MANAGEMENT Volume:21 Issue: 1 Pages:17-37 Published:2009
Times Cited: 0
- Title: The potential for reducing the impact of aviation on climate
Author(s): Green JE
Source: TECHNOLOGY ANALYSIS & STRATEGIC MANAGEMENT Volume:21 Issue: 1 Pages:39-59 Published:2009
Times Cited: 0
- Title: Short-haul aviation - under what conditions is it more environmentally benign than the alternatives?
Author(s): Kemp R
Source: TECHNOLOGY ANALYSIS & STRATEGIC MANAGEMENT Volume:21 Issue: 1 Pages:115-127 Published:2009
Times Cited: 0
- Title: COMMITTED CARBON-UPGRADING EXISTING BUILDINGS
Author(s): Partridge LE, Loughnane EJ
Conference Information: 8th World Congress of the Council-on-Tall-Buildings-and-Urban-Habitat, MAR 03-05, 2008 Dubai, U ARAB EMIRATES
Source: STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS Volume: 17 Issue: 5 Pages: 989-1001 Published: DEC 2008
Times Cited: 1
- Title: The effect of different tillage and residue management practices on soil characteristics, inorganic N dynamics and emissions of N₂O, CO₂ and CH₄ in the central highlands of Mexico: a laboratory study
Author(s): Patino-Zuniga L, Ceja-Navarro J, Govaerts B, et al.
Source: PLANT AND SOIL Volume: 314 Issue: 1-2 Pages: 231-241 Published: JAN 2009
Times Cited: 0
- Title: Sound quality assessment of Diesel combustion noise using in-cylinder pressure components
Author(s): Payri F, Broatch A, Margot X, et al.
Source: MEASUREMENT SCIENCE & TECHNOLOGY Volume: 20 Issue: 1 Article Number: 015107 Published: JAN 2009
Times Cited: 0
- Title: Platinum Group Metal Flows of Europe, Part 1
Author(s): Saurat M, Bringezu S
Source: JOURNAL OF INDUSTRIAL ECOLOGY Volume: 12 Issue: 5-6 Pages: 754-767 Published: OCT-DEC 2008
Times Cited: 1
- Title: Electrolytic formation of iron from haematite in molten sodium hydroxide
Author(s): Cox A, Fray DJ
Source: IRONMAKING & STEELMAKING Volume: 35 Issue: 8 Pages: 561-566 Published: NOV 2008
Times Cited: 0
- Title: Banagrass vs Eucalyptus Wood as Feedstocks for Metallurgical Biocarbon Production
Author(s): Yoshida T, Turn SQ, Yost RS, et al.
Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 47 Issue: 24 Pages: 9882-9888 Published: DEC 17 2008
Times Cited: 0
- Title: Simulated response of conterminous United States ecosystems to climate change at different levels of fire suppression, CO₂ emission rate, and growth response to CO₂
Author(s): Lenihan JM, Bachelet D, Neilson RP, et al.
Source: GLOBAL AND PLANETARY CHANGE Volume: 64 Issue: 1-2 Pages: 16-25 Published: NOV 2008
Times Cited: 0

Results: 5,188 Show 10 per page Page 1 of 519 Go Sort by: Latest Date

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 Reference

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

1. 選擇欲輸出的記錄：

- 選擇本頁勾選的記錄(利用記錄前的方格勾選)
- 本頁所有記錄 (10、25 或 50)
- 一定範圍內的記錄，例如： 10 to 25 (10 至 25 筆)

2. 選擇所需資料欄位：

- Author, Title, Source：作者、題名和期刊資訊
- Author, Title, Source plus Abstract：作者、題名、期刊資訊和文章摘要

- Full Record：完整記錄，包括所有在全記錄頁面中的資料
 - Full Record plus Cited Reference：完整記錄加引用的參考文獻
3. 選擇輸出選項：
- Print 列印
 - E-mail 以電子郵件傳送
 - Save to EndNote web
 - Save to EndNote
 - Save 輸出選取記錄儲存成檔案，或至其他書目管理軟體

附錄 A 欄位意義與技巧應用

檢索欄位：主題 (Topic)	
輸入檢索詞，系統會在文獻名稱、摘要、或關鍵字清單中搜尋符合之記錄。	
可應用規則	範例
大小寫沒有限制	輸入 DNA, dna, 或 Dna 都可以找到相同結果
使用布林邏輯 And、Or、Not、Same	(3) 輸入 cellulose OR wood 可以找到包含 cellulose 或 wood 或兩者都有包含的資料 (4) 輸入 cellulose AND wood 可以找到同時包含 cellulose 和 wood 的資料。注意：有可以其中一個字出現在一個欄位，另一個字出現在另一個欄位。如果要限定出現在同一個欄位中請使用 SAME (5) 輸入 cellulose NOT wood 找到包含 cellulose 的資料，但是不包含 wood (6) 輸入 cellulose SAME wood 可找到同時包含的資料，並且是在同一個欄位中
輸入字和片語時不用引號，系統會依照輸入順序去查詢	<ul style="list-style-type: none"> ● 輸入 energy conservation 會找到包含 energy conservation 的資料 ● 查詢 energy conservation 不會找到 conservation of energy，如果要查詢此片語請輸入 energy SAME conservation ● 如要查詢更多相關資料請輸入 energy SAME conserv* 會找到 energy conservation, conservation of energy, conserving energy, 等
查詢帶有連字符號之詞彙，直接連寫或略去連字符號	輸入 x ray* OR xray* 以檢索 X-ray, X-rays, Xray, Xrays, X-rayed, etc.
使用 SAME 查詢片語中包含所有格	輸入 Kaposi* SAME sarcoma* 找到 Kaposi's sarcoma, Kaposis sarcoma, Kaposi sarcoma, Kaposi
使用 SAME 查詢人名	輸入 churchill same (winston OR w) 找到 Winston Churchill; Churchill, Winston; Churchill, W., etc.
使用切截查詢複數和衍生詞	輸入 angioplast* 找到 angioplasty, angioplasties, angioplastic, etc.
使用萬用字元查詢不同的形式	輸入 wom?n to retrieve woman or women. Enter labo\$r 找到 labor or labour.
當查詢辭彙含有標點符號時，使用空格	輸入“alpha 2 beta 2”找到 <i>alpha(2)beta(2)</i> .
當期刊沒有提供翻譯，非英語標題將被翻譯成美式英文	The continuous quality improvement process in mental health services management Massa JLP Actas Luso-Espanolas De Neurologia Psiquiatria Y Ciencias Afines 24: (1) 49-57 JAN-FEB 1996

創作性作品的標題仍在來源保留語言	The Barbizon School – L'auberge Ganne' Laverroux N Oeil-Magazine International D Art (477) S2-S2 DEC 1995
標題增加指的是加號或圓括號 (只有 Arts & Humanities Citation Index)	Speech After Long Silence + The Poetry Of Haines, John Berry W Sewanee Review 104: (1) 108-110 WIN 1996

檢索欄位：作者 (Author)			
欲查詢作者或編輯者，請先鍵入其姓氏，空一格，再鍵入名字首字縮寫 (最多 5 個)。建議使用單一縮寫，並配合切截 (*)，因作者之姓名格式多變化。			
可應用規則	範例		
大小寫沒有限制	輸入 LEE, Lee 或 lee 都可以找到相同結果		
姓氏中包含標點符號或空格者，請同時輸入原始格式與未含標點符號與空格之格式。	輸入 oneill OR o neill 以檢索 O'Neill. 輸入 delarosa or de la rosa 檢索 de la Rosa.		
輸入姓名的各種格式(當出現於姓名最後的字不見得是姓氏時，如中文姓名)	輸入 yen sw or shi wy 以檢索 Shi-Wa Yen.		
頭銜地位、世代指定。例如：Junior 或 Senior 和 academic degrees 請省略	<table border="1"> <tr> <td><u>原始文件</u> Lord Duvall Edwards W. Brumfitt, Jr.</td> <td><u>ISI 資料庫</u> Edwards d Brumfitt w</td> </tr> </table>	<u>原始文件</u> Lord Duvall Edwards W. Brumfitt, Jr.	<u>ISI 資料庫</u> Edwards d Brumfitt w
<u>原始文件</u> Lord Duvall Edwards W. Brumfitt, Jr.	<u>ISI 資料庫</u> Edwards d Brumfitt w		

檢索欄位：團體作者(Group Author)	
團體作者是一個組織或機構以著作者的身份發表文章。	
可應用規則	範例
在欄位中使用切截和萬用字元 輸入多樣的縮寫名字，並利用 OR 連結	輸入 women* interag* HIV* or WIHS* 查詢由 Women's Interagency HIV Study 發表的文章

檢索欄位：期刊刊名 (Source Title)	
輸入全部或部分期刊刊名，請勿使用期刊縮寫。	
可應用規則	範例
可使用切截，或輸入該期刊各種縮寫，並使用 OR 連結	輸入 nature* 以檢索由 Nature, Nature & Resources, Nature Biotechnology, Nature Genetics 等期刊

檢索欄位：出版年(Publication Year)	
輸入文章完整出版年。	
可應用規則	範例
不能使用切截 最大限度只能查詢 10 年 出版年查詢必須結合其他一般檢索欄位 查詢	輸入 2002 or 2005 輸入 2001-2006

檢索欄位：地址(Address)	
輸來自於作者地址的機構或地方名稱。ISI 獲得所有作者地址。	
可應用規則	範例
布林邏輯 SAME 在地址這一個欄位使用特別有幫助，因為它會將詞彙限定在同一個地址中	輸入 IBM SAME NY 會找到 IBM Res Corp, Yorktown Heights, NY 10598 USA
一些常見的地址縮寫如 Univ, Med, 或 Phys 必須輔助其他地址字串檢索，不可單獨使用	輸入 Penn State Univ 可找到賓州大學，但單獨輸入 Univ 將無法查找

檢索欄位：被引用作者 (Cited Author)	
請輸入第一作者之姓氏與其名首字縮寫 (最多三個字)。使用請參考作者欄位。若姓名超過 15 個字母，請在第 15 個字母後使用切截。	
可應用規則	範例
在姓後面輸入空格，姓首字母用星號	C.A. CHATZIDIMITRIOU-DREISMANN 將使用 CHATZIDIMITRIOU* C*輸入

檢索欄位：被引用作品 (Cited Work)	
欲檢索期刊名，請輸入縮寫或加上切截找出多種刊名變化。 欲檢索圖書，請輸入題名的第一個有意義之詞彙，或結合數個詞彙，並使用切截。 欲檢索專利，請輸入專利號碼。請勿指定來源國碼。	
可應用規則	範例
請使用切截。輸入多種縮寫名稱，並使用 OR 連結	輸入 j am chem soc* or j amer chem soc* or jacs* 以檢索 Journal of the American Chemical Society 之文獻。

檢索欄位：被引用年代 (Cited Year)	
輸入四碼的年代格式，或使用 OR 結合多個年代範圍。查詢專利請使用其公布日期。系統所允許的最佳年代限制請控制在二至三年內，範圍太大可能因檢索時間超過系統允許而無法查找 年代限制請與 cited author 或 cited work 一起查找，單獨查找會因資料過大而無法呈現。	
可應用規則	範例
使用出版年幾年的範圍，以說明引用錯誤	查詢 1992 所撰寫的文章，您可以輸入： 1992 or 1991 or 1993

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