



Engineering Village

快速参考指南

[www.engineeringvillage.com](http://www.engineeringvillage.com)





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# Quick Search 快速檢索

## EV平台內各資料庫簡介

限制條件：  
Document types (文章類型)  
Treatment types (實驗／寫作方法)  
Disciplines (學科領域)  
Languages (語言)  
Year (文章出版年份)  
Updates (篩選最新資料)

**Engineering Village**

Search History - Selected Records - My Profile - My Alerts End Session

Tags + Groups Easy Search **Quick Search** Expert Search Thesaurus Bulletins eBook Search Ask an Expert Help

**Databases**

- CBIB**  
Chemical Business NewsBase (CBIB) is the leading provider...
- Chemica**  
Chemica provides access to hundreds of the most influential...
- Compendex**  
Compendex is the most comprehensive bibliographic database...
- EnCompassLIT**  
EnCompassLIT™ is a bibliographic service uniquely devoted...
- EnCompassPAT**  
EnCompassPAT™ is a patent service uniquely devoted to...
- EI Patents**  
EI Patents comprises millions of patents from the US...
- GEODISE**  
GEODISE is a multidisciplinary database of indexed...
- GeoRef**  
The GeoRef database, established by the American Geological...
- Inspec**  
Inspec includes bibliographic citations and indexed...
- NTIS**  
NTIS (The National Technical Information Service) is the...
- PaperChem**  
PaperChem is a database comprised of indexed bibliographic...
- Referex**  
Referex Engineering is comprised of six collections of...

**SELECT DATABASE**

☐ All ☒ Compendex ☐ Inspec ☐ NTIS ☐ PaperChem  
☐ Chemica ☐ CBIB ☐ EnCompassLIT ☐ EnCompassPAT  
☐ GEOBASE ☐ GeoRef ☐ US Patents ☐ EP Patents  
☐ Referex ?

**SEARCH FOR**

AND   
AND   
AND

**SEARCH IN**

All fields   
All fields   
All fields

**LIMIT BY**

All document types   
All treatment types   
Discipline type not available   
All languages   
1884 TO 2012  
1 Updates ?

**SORT BY**

☒ Relevance ? ☐ Publication year  
☐ Autostemming off ?

**Search** **Reset**

**Search Tips**

**檢索技巧**

Use truncation (\*) to search for words that begin with the same letters.  
comput\* returns computer, computers, computerize, computerization

Truncation can also be used to replace any number of characters internally.  
sulf\*ate returns sulphate or sulfate

Use wildcard (?) to replace a single character.  
wom?n retrieves woman or women

Terms are automatically stemmed, except in the author field, unless the "Autostemming off" feature is checked.  
management returns manage, managed, manager, managers, managing, management

To search for an exact phrase or phrases containing stop words (and, or, not, near), enclose terms in braces or quotation marks.  
(Journal of Microwave Power and Electromagnetic Energy)  
"near field scanning"

Use NEAR or ONEAR to search for terms in proximity, ONEAR specifies the exact order of terms. NEAR and ONEAR cannot be used with truncation, wildcards, parenthesis, braces or quotation marks.  
NEAR and ONEAR can be used with stemming.  
Avalanche ONEAR0 diodes  
Solar NEAR energy

Browse the author look-up index to select all variations of an author's name  
Smith, A. OR Smith, A.J. OR Smith, Alan J.

**Personal Account**

Register or Login:  
Username:   
Password:   
**Login**

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CRC ENGINBASE  
Reedlink  
GlobalSpec  
IHS Standards  
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EspoCenet  
Sciurus  
Intute  
LexisNexis News

## 快速檢索

選擇欲搜尋之資料庫；此處會顯示各機構在EV平台上所訂購之資料庫清單

選擇檢索欄位；  
在 (Search for) 中輸入欲檢索的詞彙、在 (Search in) 中選擇欲檢索的欄位，並可利用布林邏輯 (And / Or / Not) 結合檢索條件

檢索結果排序：  
可自行選擇依照 Relevance (相關性) 或 Publication year (出版年份) 做排序

各類索引供瀏覽，包含：  
Author (作者)  
Author affiliation (作者所屬機構)  
Controlled term (控制詞彙)  
Source title (期刊名稱)  
Publisher (出版社)

點選 Register 即可註冊 Engineering Village 個人帳號 (email) 與密碼；  
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## 其他參考資源

# Easy Search 簡易檢索

The screenshot shows the Engineering Village website's search interface. At the top left is the Engineering Village logo. A navigation bar contains several tabs: 'Tags + Groups', 'Easy Search' (highlighted with a red dashed box and a callout '簡易檢索'), 'Quick Search', 'Expert Search', 'Thesaurus', 'Bulletins', 'eBook Search', 'Ask an Expert', and 'Help'. Below the navigation bar is a large search area. A red dashed box highlights the search input field, the 'Search' button, and a list of database checkboxes. The checkboxes include: All, Compendex, Inspec, NTIS, PaperChem, Chimica, CBNB, EnCompassLIT, EnCompassPAT, GEOBASE, GeoRef, US Patents, EP Patents, and Referex. A red dashed line connects the 'Easy Search' tab to the search area. Below the search area, a text box explains the search process.

Engineering Village

Tags + Groups **Easy Search** Quick Search Expert Search Thesaurus Bulletins eBook Search Ask an Expert Help

Search ? Help

☐ All ☒ Compendex ☒ Inspec ☒ NTIS ☒ PaperChem ☒ Chimica ☒ CBNB  
☒ EnCompassLIT ☒ EnCompassPAT ☒ GEOBASE ☒ GeoRef ☒ US Patents ☒ EP Patents  
☒ Referex

進入Easy Search（簡易檢索）的頁面，可直接在欄位輸入欲檢索之詞彙，按下Search（檢索）即可搜尋機構所訂購之資料庫

# Expert Search 專家檢索

**專家檢索**

Tags + Groups Easy Search Quick Search **Expert Search** Thesaurus Bulletins eBook Search Ask an Expert Help

**SELECT DATABASE**

☐ All ☒ Compendex ☒ Inspec ☒ NTIS ☒ PaperChem

☒ Chimica ☒ CBNB ☒ EnCompassLIT ☒ EnCompassPAT

☒ GEOBASE ☒ GeoRef ☒ US Patents ☒ EP Patents

☒ Referex ?

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**ENTER SEARCH TERMS BELOW**

輸入檢索詞彙與策略

**SEARCH FROM**

☒ 1884 TO 2012 ☐ 1 Updates ?

設定搜尋文獻之出版年份

**SORT BY**

☒ Relevance ? ☐ Publication year

☒ Autostemming off ?

**Search** **Reset**

檢索結果排序：  
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**Browse indexes ?**

[Author/inventor](#)

[Affiliation/Assignee](#)

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[Discipline](#)

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各類索引供使用者瀏覽

**Search Codes ?**

| Field                                                      | Code | Field                                         | Code                                        |
|------------------------------------------------------------|------|-----------------------------------------------|---------------------------------------------|
| Abstract (c, i, n, pc, cm, cb, el, ep, g, f, u, e)         | AB   | Major term with no role (el, ep)              | CVMN Patent examiner (u, e)                 |
| Affiliation/Assignee (c, i, n, pc, cm, el, ep, g, f, u, e) | AF   | Major term as a product (el, ep)              | CVMP ECLA code (e)                          |
| Monitoring agency (n)                                      | AG   | Controlled term with no role (el, ep)         | CVN Patent filing date (u, e)               |
| Astronomical indexing (i)                                  | AI   | Controlled term as a product (el, ep)         | CVP Patent issue date (c, n, pc, u, e)      |
| Derwent accession number (ep)                              | AJ   | Discipline (i)                                | DI Int. patent classification (i, ep, u, e) |
| All fields (c, i, n, pc, cm, cb, el, g, f, u, e)           | ALL  | Document type (c, i, n, pc, cm, cb, el, g, f) | DT Derwent IPC (ep)                         |
| Accession number (c, i, n, pc, el, ep, g, f)               | AN   | Uncontrolled term (c, i, n, pc, el, ep, g, f) | FL Patent number (c, pc, ep, u, e)          |
| Author/Inventor (c, i, n, pc, el, ep, g, f, u, e, pa)      | AU   | Industrial Sectors (cb)                       | GD Publisher (c, i, pc, cm, el, g, f, pa)   |
| Availability (n, cb, f)                                    | AV   | SIC Codes (cb)                                | IC Patent priority information (ep, u, e)   |

檢索代碼



# Search Results 檢索結果

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Groups Easy Search Quick Search Expert Search Thesaurus Bulletins eBook Search Ask an Expert

Refine Search

Results Manager

Select all on page - Select range: to - Clear all on page - Clear all selections

Choose format: ☒ Citation ☐ Abstract ☐ Detailed record ☒ Clear selected records on new search

View Selections E-Mail Print Download Save to Folder

將檢索結果儲存到個人資料夾 (需登入個人帳號密碼)

輸出檢索結果：  
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/ Download (下載)

瀏覽所選擇檢索文獻結果的格式：  
Citation (書目引用格式)  
Abstract (包含摘要之格式)  
Detailed record (詳細書目紀錄)

篩選檢索結果：  
可依作者、作者所屬機構、  
控制詞彙、主題分類、國家、  
文章類型、語言、出版年份、  
期刊名稱、出版社、或輸入其  
他關鍵字進一步篩選檢索結果

Results

1 records in Compendex for 1984-2012 Save Search - Create Alert

+ ("automatic control") WN All fields + (ip) WN DT + (2010) WN YR

Sort by: Relevance Date Author Source Publisher

篩選過後的結果可透過 "X" 符號回復之前動作，不需重新檢索

排序：可依 Relevance (相關性) / Date (日期) / Author (作者) / Source (文獻來源) / Publisher (出版社) 之自訂順序排列檢索結果

瀏覽檢索結果的 Abstract (摘要) 或 Detailed (詳細) 資訊

1. Automatic control of growth and density in rotifer cultures  
Alver, Morten Omholt (Department of Engineering Cybernetics, Norwegian University of Science and Technology, Trondheim, Norway; Odd Bragstads plass Engineering, 2010

Database: Compendex  
Abstract - Detailed Full-text Cited by in Scopus (2)

2. Variable delays and message losses: Influence on the reliability of a control loop  
Ghostine, Rony (CRAN-Centre de Recherche en Automatique de Nancy (CRAN UMR CNRS 7039), ENSEM, 2, avenue de la Forêt de Haye, 54516 Vandoeuvre lès Nancy, France); Thiriet, Jean-Marc; Aubry, Jean-François Source: Reliability Engineering and System Safety, 2010

Article in Press 表示此篇文章為已被審閱通過但尚未正式出版之文獻

Database: Compendex  
Abstract - Detailed Full-text Cited by in Scopus (3) 列出此篇文章於 SciVerse Scopus 中的被引用次數

3. Scanning the Issue  
Source: IEEE Transactions on Automatic Control, January 19, 2010

Article in Press  
Database: Compendex  
Abstract - Detailed Full-text

表示可透過出版社連結 / 電子文獻傳遞服務 / 機構館藏取得全文

Refine Results

Author

- ☐ Alfreddsen, Jo Arve (1)
- ☐ Alver, Morten Omholt (1)
- ☐ Aubry, Jean Francois (1)
- ☐ Bessenouci, Hakim Nadir (1)
- ☐ Ghomri, Latefa (1)
- ☐ Ghostine, Rony (1)
- ☐ Oie, Gunvor (1)
- ☐ Olsen, Yngvar (1)
- ☐ Sari, Zaki (1)
- ☐ Storoy, Werner (1)

more...

Author affiliation

- ☐ Automatic Control Laboratory, Aboubekr Belkaid University Of Tiemcen (1)

Controlled vocabulary

- ☐ Automation (2)
- ☐ Mathematical Models (2)
- ☐ Algorithms (1)
- ☐ Computer Simulation (1)
- ☐ Control (1)
- ☐ Control System Stability (1)
- ☐ Control Theory (1)

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Record 18 from Compendex for: ("automatic control") WN All fields), 1884-2012

Check record to add to Selected Records

☐ 18.

Accession number: 20094112366398

Title: Impacts of automatic control systems of loop restoration scheme on the distribution system reliability

Authors: Kazemi, S.<sup>1,3</sup>; Fotuhi-Firuzabad, M.<sup>1</sup>; Sanaye-Pasand, M.<sup>2</sup>; Lehtonen, M.<sup>3</sup>

Author affiliation: <sup>1</sup> Sharif University of Technology, Center of Excellence in Power System Control and Management, Department of Electrical Engineering, Tehran, Iran

<sup>2</sup> University of Tehran, Department of Electrical and Computer Engineering, Tehran, Iran

<sup>3</sup> Helsinki University of Technology, Department of Electrical Engineering, Espoo, Finland

Corresponding author: Kazemi, S.

Source title: IET Generation, Transmission and Distribution

Abbreviated source title: IET Gener. Transm. Distrib.

Volume: 3

Issue: 10

Issue date: 2009

Publication year: 2009

Pages: 891-902

Language: English

ISSN: [17518687](#)

Document type: Journal article (JA)

Publisher: Institution of Engineering and Technology, Six Hills Way, Stevenage, SG1 2AY, United Kingdom

Abstract: Loop restoration scheme (LRS) is a special feeder automation (FA) scheme, which is used by utilities to improve distribution system reliability. The LRS is controlled and managed by its automatic control system (ACS). The impacts on distribution system reliability indices of implementing LRS mainly depend on the configuration of the LRS. Successful operation of ACS is dependent on the configuration of these switching devices.

#### Tools in Scopus

**Cited by:** This article has been cited **5 times** in Scopus since 1996

Modarresi, M.S., Fotuhi-Firuzabad, M., Mohammadnezhad-Shourkati, H.

**Impacts of service quality regulation on distribution automation investment (2011) 2011 10th International Conference on Environment and Electrical Engineering, IEEEIC EE 2011 - Conference Proceedings**

Xie, K., Cao, K., Yu, D.C.  
**Reliability evaluation of electrical distribution networks containing multiple overhead feeders on a same tower (2011) IEEE Transactions on Power Systems**

**Author Details:** [View Author Details](#)

In Scopus:  
Kazemi, S.  
Fotuhi-Firuzabad, M.  
Sanaye-Pasand, M.

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點選進入欲查閱之文獻後，頁面的右側會提供此篇文章於SciVerse Scopus中的被引用次數與引用此篇文章的其他文獻之基本書目資訊與連結；另外並有此篇文章的作者姓名列表，點選後會連結至SciVerse Scopus資料庫瀏覽此作者之相關資訊，包含目前任職單位機構、生平任職經歷、文獻發表領域、文獻總產出等，讓您能夠更完整掌握作者資訊。

# Thesaurus 索引典

選擇欲搜尋之資料庫

索引典功能

Engineering Village

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Tags + Groups Easy Search Quick Search Expert Search **Thesaurus** Bulletins eBook Search Ask an Expert Help

**Thesaurus**

To add terms to your search, click the box in the Select column.  
Click on a hyperlinked term to display its thesaurus entry.  
Terms in *italics* are lead-in terms that point to controlled vocabulary.  
Terms with an asterisk are previously used terms that have been replaced by newer terms.

**SELECT DATABASE**

☒ Compendex ☐ Inspec ☐ GeoRef ☐ GEOBASE

**ENTER TERM**

coatings

☒ Search ☐ Exact Term ☐ Browse

在「Enter term」欄位中輸入欲查詢的詞彙後，選擇Search（查詢）、Exact Term（精確詞彙）或Browse（瀏覽）送出查詢

**Search: coatings**

135 matching terms found

| Terms                   | Select                   |
|-------------------------|--------------------------|
| Abras                   | <input type="checkbox"/> |
| Abras                   | <input type="checkbox"/> |
| Alumi                   | <input type="checkbox"/> |
| Antifo                  | <input type="checkbox"/> |
| Antireflection coatings | <input type="checkbox"/> |
| Bituminous coatings     | <input type="checkbox"/> |
| Bituminous materials    | <input type="checkbox"/> |
| Black coatings          | <input type="checkbox"/> |
| Boride coatings         | <input type="checkbox"/> |
| Borides                 | <input type="checkbox"/> |

Search（查詢）：  
在資料庫控制詞彙中的廣義詞、相關詞和狹義詞中查找所輸入的檢索詞彙

Thesaurus索引典：  
用於索引資料庫中所收錄文章之控制詞彙

[ 1 ] | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | [Next](#)

**LIMIT BY**

All document types

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All languages

☒ 1884    TO 2012

☐ 1    Updates

**SEARCH BOX**

**COMBINE SEARCH WITH**

☐ AND ☒ OR

**SORT BY**

☒ Relevance ☐ Publication year



Exact Term (精確詞彙) :  
直接得到欲查詢之特定詞彙的廣義詞、相關詞和狹義詞結果列表

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**Thesaurus**  
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Terms in *italics* are lead-in terms that point to the controlled vocabulary.  
Terms with an asterisk are previously used terms that have been replaced by newer terms.  
To add terms to your search, click the box in the Select column.  
To see the scope note for a term, click on the icon.

**SELECT DATABASE**  
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**ENTER TERM**  
 coatings  
☐ Search ☒ **Exact Term** ☐ Browse [Submit](#)

**Exact Term: coatings**

| Broader Terms | Related Terms             | Narrower Terms           |
|---------------|---------------------------|--------------------------|
| Materials     | Chemical vapor deposition | Abrasive coatings        |
| <b>廣義詞</b>    | Coated materials          | Bituminous coatings      |
|               | Coating techniques        | Black coatings           |
|               | Films                     | Boride coatings          |
|               | Solar absorbers           | Ceramic coatings         |
|               | Solar control films       | Chromate coatings        |
|               | Solvents                  | Composite coatings       |
|               | Substrates                | Diffusion coatings       |
|               | Surface treatment         | Electrophoretic coatings |
|               | Thin films                | Electrostatic coatings   |
|               | Veneers                   | Enamels                  |
|               |                           | Epitaxial layers         |
|               |                           | Glazes                   |

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☒ 1884 TO 2012  
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**SEARCH BOX**

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Browse (瀏覽) :  
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**Thesaurus**  
To add terms to your search, click the box in the Select column.  
Click on a hyperlinked term to display its thesaurus entry.  
Terms in *italics* are lead-in terms that point to controlled vocabulary.  
Terms with an asterisk are previously used terms that have been replaced by newer terms.

**SELECT DATABASE**  
☒ Compendex ☐ Inspec ☐ GeoRef ☐ GEOBASE

**ENTER TERM**  
coatings

☐ Search ☐ Exact Term ☒ Browse ☐ Submit

**Browse: coatings**

| Terms                             | Select                   |
|-----------------------------------|--------------------------|
| Coated materials                  | <input type="checkbox"/> |
| Coated wire electrodes            | <input type="checkbox"/> |
| Coating techniques                | <input type="checkbox"/> |
| <b>Coatings</b>                   | <input type="checkbox"/> |
| Coatings--Antireflection coatings |                          |
| Coatings--Black coatings          |                          |
| Coatings--Diffusion coatings      |                          |
| Coatings--Luminous                |                          |
| Coatings--Reflective              |                          |
| Coatings--Solar control films     |                          |

若有欲查詢相關文章的詞彙，可在字詞右邊的 (Select) 方框中打勾後、設定好畫面下方之篩選條件直接在EV資料庫中進行檢索

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☒ 1884 TO 2012 ☐ 1 Updates

**SEARCH BOX**

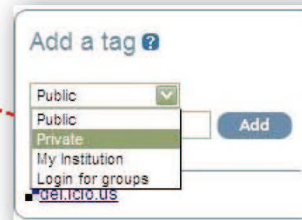
**COMBINE SEARCH WITH**  
☐ AND ☒ OR

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☒ Relevance ☐ Publication year

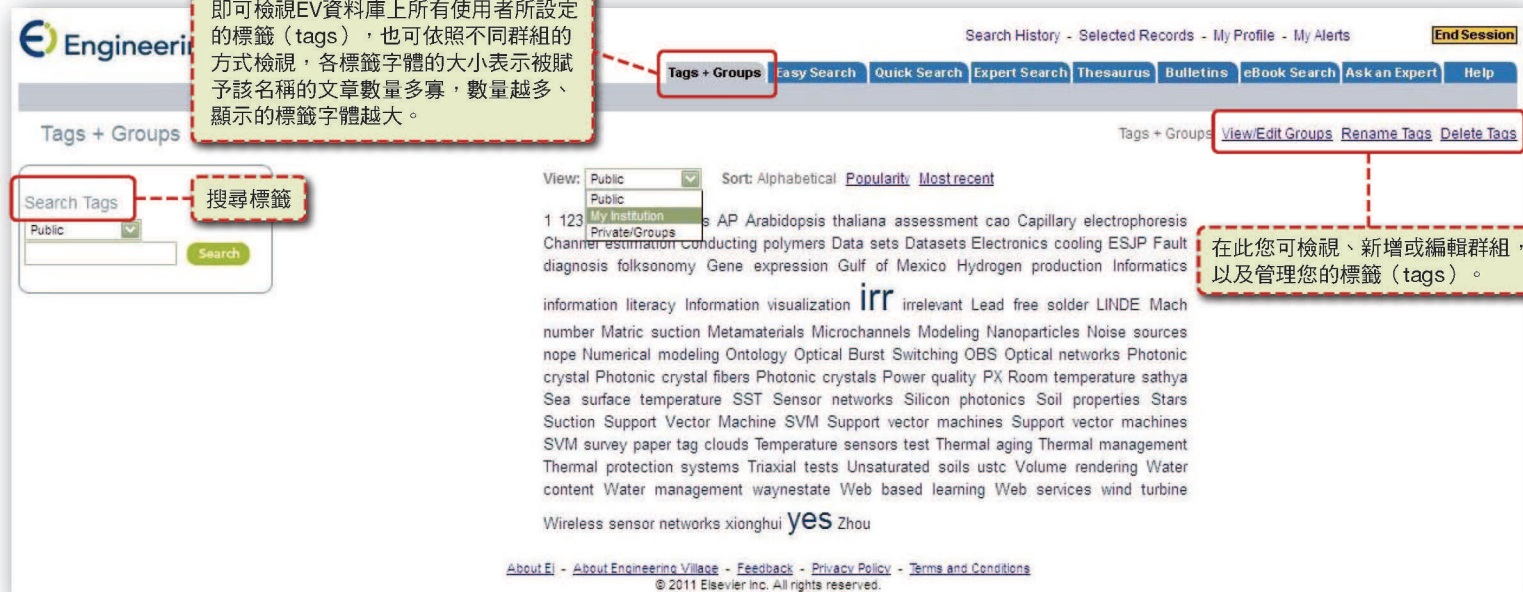
## Tags + Groups 標籤與群組

有了Engineering Village個人帳號之後，您可以將EV資料庫上搜尋到的文獻新增或編輯標籤（tags），並可將此標籤與特定或不特定的其他EV使用者分享！

點選進入欲查閱之文獻後，增加標籤（tag）的功能會出現在頁面右邊，使用者可自行決定對此篇文章標訂一個或多個標籤，也可決定將該標籤向所有EV上的使用者公開（Public）、只供個人使用（Private）、只對所屬機構公開（My Institution）、或是對特定群組公開（Login for groups）。



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Search Tags 搜尋標籤

Tags + Groups

View/Edit Groups Rename Tags Delete Tags

View: Public Sort: Alphabetical Popularity Most recent

1 123 My Institution AP Arabidopsis thaliana assessment cao Capillary electrophoresis Chanier estimation conducting polymers Data sets Datasets Electronics cooling ESJP Fault diagnosis folksonomy Gene expression Gulf of Mexico Hydrogen production Informatics information literacy Information visualization irr irrelevant Lead free solder LINDE Mach number Matric suction Metamaterials Microchannels Modeling Nanoparticles Noise sources nope Numerical modeling Ontology Optical Burst Switching OBS Optical networks Photonic crystal Photonic crystal fibers Photonic crystals Power quality PX Room temperature sathya Sea surface temperature SST Sensor networks Silicon photonics Soil properties Stars Suction Support Vector Machine SVM Support vector machines Support vector machines SVM survey paper tag clouds Temperature sensors test Thermal aging Thermal management Thermal protection systems Triaxial tests Unsaturated soils usc Volume rendering Water content Water management waynstate Web based learning Web services wind turbine Wireless sensor networks xionghui yes Zhou

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