

# 茫茫資訊大海中來自專家的指引

-- ACM Digital Library 與 Computing Reviews 評論資料庫結合使用 --

## Q1：什麼是 Computing Reviews?

資訊科學的發展可謂是日新月異，每一年發表在期刊研究、研討會論文、專業書籍等各樣的文章不計其數，如何從大量的文獻中篩選重要的資訊，**Computing Reviews** 提供您來自專家的指引。**Computing Reviews** 為由 Association for Computing Machinery (ACM) 和 Reviews.com 合作出版的電腦評論資料庫，由來自全球資訊科學的專家幫您審視文獻、撰寫評論，評論內容包括書籍、期刊、會議記錄、論文集、技術報告等，過刊回溯至 1985 年，並每日增加新的評論。

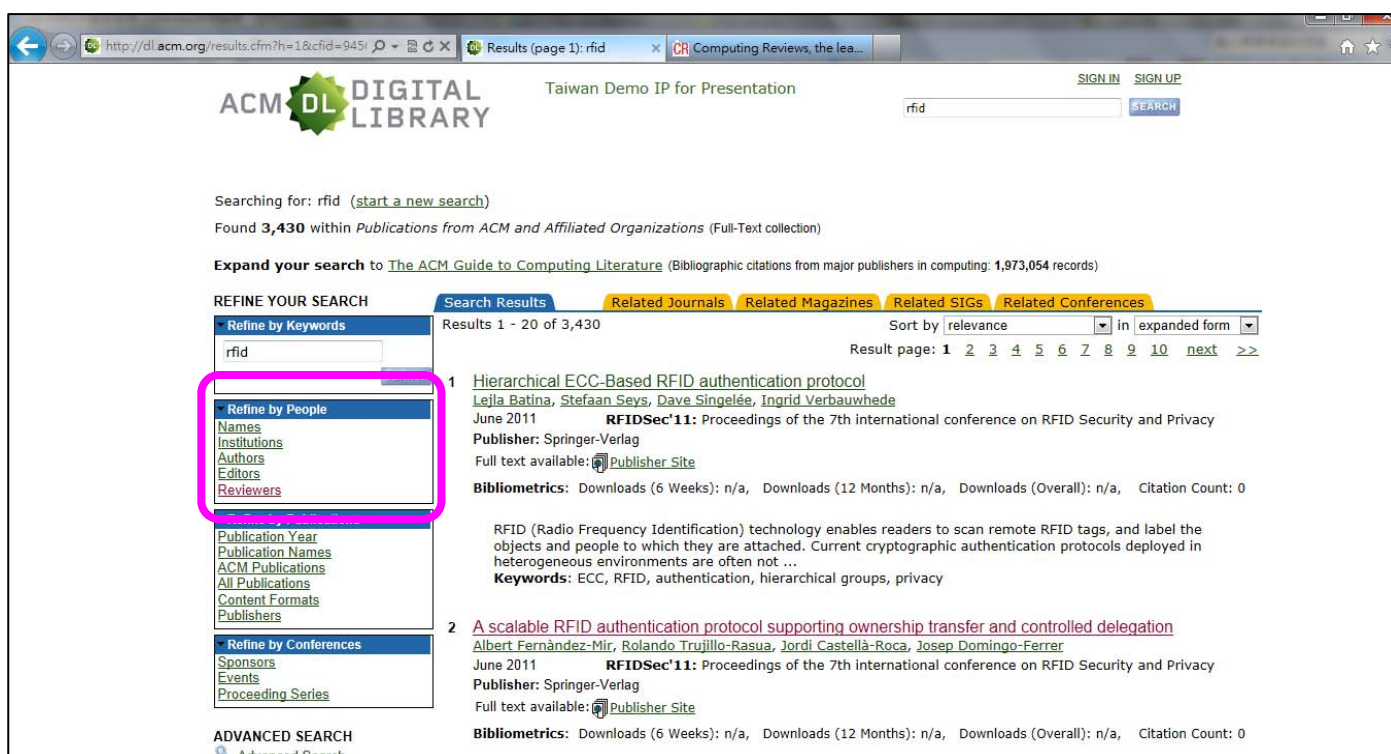
因此使用者可先閱讀專家檢視過所撰寫的評論內容，再決定是否需要進一步找全文來閱讀，因評論內容相對全文而言較為簡短，故可幫助讀者您事半功倍地學習。閱讀 Review Articles 等於是透過專家的觀點來對原始文獻有初步認知，藉由評論者與作者的意見交換，讓您可從多方角度來探討電腦科學，不僅節省了讀者許多資料研讀時間，還提供了一個腦力激盪的管道及媒介！

## Q2：ACM 如何與 Computing Reviews 搭配使用？

### 方法一：從 ACM 連結至 Computing Reviews

可從篩選功能挑選出被評論的 ACM 文獻，進而再連結至 Computing Reviews 閱讀評論文章

**步驟 1.** 當您在 ACM 輸入關鍵字檢索後，系統會呈現如下結果畫面，您可利用檢索結果頁面左方精確化搜尋選項中的 Refine by People 內篩選 Reviewer，或選擇 More 來展開所有的評論者



ACM DL DIGITAL LIBRARY

Taiwan Demo IP for Presentation

Search Results

Searching for: rfid (start a new search)

Found 3,430 within Publications from ACM and Affiliated Organizations (Full-Text collection)

Expand your search to The ACM Guide to Computing Literature (Bibliographic citations from major publishers in computing: 1,973,054 records)

REFINE YOUR SEARCH

Refine by Keywords

rfid

Refine by People

Names

Institutions

Authors

Editors

Reviewers

Publication Year

Publication Names

ACM Publications

All Publications

Content Formats

Publishers

Refine by Conferences

Sponsors

Events

Proceeding Series

ADVANCED SEARCH

Advanced Search

Results (page 1): rfid

Sort by relevance

Result page: 1 2 3 4 5 6 7 8 9 10 next >>

1 Hierarchical ECC-Based RFID authentication protocol

Lejla Batina, Stefaan Seys, Dave Singelee, Ingrid Verbauwhede

June 2011

RFIDSec'11: Proceedings of the 7th international conference on RFID Security and Privacy

Publisher: Springer-Verlag

Full text available: Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

RFID (Radio Frequency Identification) technology enables readers to scan remote RFID tags, and label the objects and people to which they are attached. Current cryptographic authentication protocols deployed in heterogeneous environments are often not ...

Keywords: ECC, RFID, authentication, hierarchical groups, privacy

2 A scalable RFID authentication protocol supporting ownership transfer and controlled delegation

Albert Fernández-Mir, Rolando Trujillo-Rasua, Jordi Castellà-Roca, Josep Domingo-Ferrer

June 2011

RFIDSec'11: Proceedings of the 7th international conference on RFID Security and Privacy

Publisher: Springer-Verlag

Full text available: Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

**步驟 2.** 在 Refine by People> Reviewer，使用評論者的姓名來進行篩選，檢設我們在原先的檢索結果中選擇 Hazeltine, Barrett 評論過的 ACM 全文

ACM DL DIGITAL LIBRARY Taiwan Demo IP for Presentation

Searching for: rfid (start a new search)

Found 3,430 within Publications from ACM and Affiliated Organizations (Full-Text collection)

Expand your search to The ACM Guide to Computing Literature (Bibliographic citations from major publishers in computing: 1,973,054 records)

REFINE YOUR SEARCH

Search Results Related Journals Related Magazines Related SIGs Related Conferences

Results 1 - 20 of 3,430 Sort by relevance in expanded form

Result page: 1 2 3 4 5 6 7 8 9 10 next >>

1 [Hierarchical ECC-Based RFID authentication protocol](#)  
[Lejla Batina, Stefaan Seys, Dave Singelee, Ingrid Verbauwhede](#)  
June 2011 **RFIDSec'11**: Proceedings of the 7th international conference on RFID Security and Privacy  
Publisher: Springer-Verlag  
Full text available: [Publisher Site](#)  
**Bibliometrics**: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

RFID (Radio Frequency Identification) technology enables readers to scan remote RFID tags, and label the objects and people to which they are attached. Current cryptographic authentication protocols deployed in heterogeneous environments are often not ...  
**Keywords**: ECC, RFID, authentication, hierarchical groups, privacy

2 [A scalable RFID authentication protocol supporting ownership transfer and controlled delegation](#)  
[Albert Fernández-Mir, Rolando Trujillo-Rasua, Jordi Castellà-Roca, Josep Domingo-Ferrer](#)  
June 2011 **RFIDSec'11**: Proceedings of the 7th international conference on RFID Security and Privacy  
Publisher: Springer-Verlag  
Full text available: [Publisher Site](#)  
**Bibliometrics**: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

ADVANCED SEARCH

**步驟 3.** 則系統將按照您篩選的條件，顯示該位評論者所評論過的 ACM 全文，在此說明範例中則出現 Hazeltine, Barrett 所評論過的 6 篇 ACM 全文，您可於此選擇欲瀏覽的文章

ACM DL DIGITAL LIBRARY Taiwan Demo IP for Presentation

Searching for: rfid (start a new search)

Found 6 within Publications from ACM and Affiliated Organizations (Full-Text collection)

Refinements (remove all) click each refinement below to remove

Reviewers: [Hazeltine, Barrett](#)

Expand your search to The ACM Guide to Computing Literature (Bibliographic citations from major publishers in computing: 1,973,054 records)

REFINE YOUR SEARCH

Search Results Related Journals Related Magazines Related SIGs Related Conferences

Results 1 - 6 of 6 Sort by relevance in expanded form

1 [A survey of RFID privacy approaches](#)  
[Marc Langheinrich](#)  
August 2009 **Personal and Ubiquitous Computing**, Volume 13 Issue 6  
Publisher: Springer-Verlag  
Full text available: [Pdf](#) (308.39 KB)  
**Bibliometrics**: Downloads (6 Weeks): 15, Downloads (12 Months): 496, Downloads (Overall): 2021, Citation Count: 7

A bewildering number of proposals have offered solutions to the privacy problems inherent in RFID communication. This article tries to give an overview of the currently discussed approaches and their attributes.  
**Keywords**: Privacy, RFID

2 [An evaluation of product review modalities for mobile phones](#)  
[Felix von Reischach, Erica Dubach, Florian Michahelles, Albrecht Schmidt](#)  
September 2010 **MobileHCI '10**: Proceedings of the 12th international conference on Human computer interaction with mobile devices and services  
Publisher: ACM [Request Permissions](#)

ADVANCED SEARCH

**步驟 4.** 當您選擇欲瀏覽的文章進入該篇文章的資訊頁面後，先不要急著開啟 PDF 全文閱讀，可先點選 Reviews 的標籤，觀看 **Computing Reviews** 專家針對該篇文章所撰寫的評論，點選 more 看評論內容或是點選 **Computing Reviews** 的圖示連結至 **Computing Reviews** 的網站

The screenshot shows the ACM Digital Library interface. At the top, there's a header with the ACM logo and 'DIGITAL LIBRARY' text. Below the header, the article title 'A survey of RFID privacy approaches' is displayed. The author is 'Marc Langheinrich' from the Faculty of Informatics, University of Lugano (USI), Lugano, Switzerland 6904. The article is published in 'Personal and Ubiquitous Computing' journal, Volume 13 Issue 6, August 2009, Pages 413 - 421. There are links for 'Full Text: pdf', 'Bibliometrics', and 'Table of Contents'. A 'Tools and Resources' sidebar on the right includes links for 'Buy this Article in Print', 'TOC Service', 'Email', 'RSS', 'Save to Binder', 'Export Formats', and 'Share'. A 'Tags' section lists 'privacy', 'real-time', 'embedded systems', 'reliability', 'rfid', 'security', 'security and protection'. Below the article information, there's a 'Feedback' section and a 'Switch to single page view (no tabs)' option. A navigation bar at the bottom includes 'Abstract', 'Authors', 'References', 'Cited By', 'Index Terms', 'Publication', 'Reviews', 'Comments', and 'Table of Contents'. The 'Reviews' tab is highlighted with a pink box. Below the navigation bar, the reviewer 'Barrett Hazeltine' is listed. The review text starts with 'Radio-frequency identification (RFID) poses significant privacy issues, because a third party can read a tag without any indication to the tag holder or authorized reader. The focus of this paper is on possible approaches, rather than the details'. A 'more...' link is highlighted with a pink box. At the bottom left, there's a red button labeled 'Computing Reviews' with a pink arrow pointing to it. To the right of the button, there are two bullet points: 'Access critical reviews of computing literature.' and 'Become a reviewer for Computing Reviews'.

**步驟 5.** 連結至 **Computing Reviews** 的網站，觀看評論文章

The screenshot shows the Computing Reviews website. The header features the 'Computing Reviews' logo and the 'Association for Computing Machinery' logo. Below the header, there's a navigation bar with 'TODAY'S ISSUE', 'HOT TOPICS', 'SEARCH', 'BROWSE', 'RECOMMENDED', 'MY ACCOUNT', and 'LOGIN'. The 'REVIEW' tab is highlighted. Below the navigation bar, there's a search bar. The main content area displays the review of 'A survey of RFID privacy approaches' by 'Langheinrich M.' from 'Personal and Ubiquitous Computing' 13 (6): 413-421, 2009. The review date is 'Oct 22 2009'. The review text starts with 'Radio-frequency identification (RFID) poses significant privacy issues, because a third party can read a tag without any indication to the tag holder or authorized reader. The focus of this paper is on possible approaches, rather than the details of any one approach, and on protecting the tag holder.' A pink box highlights the article title and author information. A pink arrow points from the 'Computing Reviews' button in the previous screenshot to the 'Computing Reviews' logo in this screenshot. To the right of the review text, there's a 'Full Text' button. Below the review text, there's a 'Recommendations' section with a 'Featured Reviewer' and a 'Related Topics' section with links to 'Security and Protection (C.2.0 ...)', 'Distributed Systems (C.2.4)', 'Real-Time And Embedded Systems (C.3 ...)', and 'Security and Protection (K.6.5)'. A 'Manage Alerts' button is also present.

## 方法二：從 Computing Reviews 連結至 ACM

步驟 1. 在 Computing Reviews 中搜尋單位有訂購全文的評論文章，以 ACM 為例。利用 Computing Reviews 的 Fielded Search，搜尋出版社(Publisher) 是 ACM 的評論文章

The screenshot shows the 'Fielded Search' page on the Computing Reviews website. The header includes the 'Computing Reviews' logo, the 'Association for Computing Machinery' logo, and the 'ThinkLoud' logo. A navigation bar contains links for 'TODAY'S ISSUE', 'HOT TOPICS', 'SEARCH', 'BROWSE', 'RECOMMENDED', 'MY ACCOUNT', and 'LOGOUT'. Below the navigation bar, there are tabs for 'SIMPLE', 'ADVANCED', 'FIELD' (selected), and 'SAVED'. The main search area is titled 'Search | fielded' and contains several input fields: 'Publisher' (set to 'ACM'), 'Author', 'Source Title', and 'Reviewer'. Each field has a dropdown arrow and an 'And' button. A 'Search' button is located to the right of the 'Publisher' field. Below the search fields, there is a 'Search Options' section with various filters: 'Only:' (Journals, Proceedings, Divisible Books, Whole Books, Other), 'Classification:' (All Topics Categories, General Terms), 'Date:' (All, From: Aug 2011 To: Aug 2012), 'Results:' (Partial Review), 'Sort by:' (Relevancy), 'Display:' (10 per page), and 'Order:' (Descending). A 'Search' button is at the bottom right of the search options section.

步驟 2. 在檢索結果頁面，選擇任一篇檢索結果進入瀏覽該篇評論文章

The screenshot shows the 'Search | results' page on the Computing Reviews website. The header and navigation bar are the same as in the previous screenshot. The search bar at the top right shows the query 'publisher:"ACM"'. Below the search bar, there are 'Options:' (All MediaTypes, Relevancy, Descending Order) and a 'Search' button. The results section is titled '1-10 of 200 results' and lists four search results, each with a 'Relevancy' score of 39%. A red arrow points to the first result, which is titled 'Is Wikipedia link structure different?'. The results are as follows:

Result Title	Relevancy
<a href="#">Is Wikipedia link structure different?</a> Kamps J., Koolen M. WSDM 2009, Barcelona, Spain, Feb 9-12 2009, 232-241, 2009. Type: Proceedings Link structure plays an important role in the Web retrieval of relevant information. Characteristics of link structure are useful in measuring the relevance of a page. A page in the page pool has three parameters that determine its relevance: an...	39%
<a href="#">A comparative user study on rating vs. personality quiz based preference elicitation methods</a> Hu R., Pu P. IUI 2009, Sanibel Island, FL, Feb 8-11 2009, 367-372, 2009. Type: Proceedings Generating recommendations for customers--whether books, movies, or dating prospects--is easier if the customers' preferences are captured accurately. This paper compares two Web sites that have different approaches for capturing...	39%
<a href="#">Evaluation of semantic events for legal case retrieval</a> Maxwell K., Oberlander J., Lavrenko V. ESAIR 2009, Barcelona, Spain, Feb 9-9 2009, 39-41, 2009. Type: Proceedings This paper considers the possibility of improving the retrieval of information from legal cases by incorporating semantic elements into the search process. Since legal cases often turn on the cause or causer of an illegal action, it would seem...	39%
<a href="#">MDS: a novel method for class imbalance learning</a> Chen L., Hsu C., Chang Y. ICUIMC 2009, Suwon, Korea, Jan 15-16 2009, 544-549, 2009. Type: Proceedings The class imbalance problem refers to the fact that, in real-world data, there is often a majority class of examples and a minority class of examples. Such a dataset is called an imbalanced dataset. A classifier induced from such a set has high...	39%

步驟 3. 閱讀完評論文章後，認為有閱讀該篇被評論文章的原文，可點選上方的 Full Text

**Computing Reviews** **ThinkLoud**

TODAY'S ISSUE HOT TOPICS SEARCH BROWSE RECOMMENDED MY ACCOUNT LOGOUT

REVIEW ?

Review Search

**Is Wikipedia link structure different?**  
Kamps J., Koolen M. WSDM 2009 (Proceedings of the 2nd ACM International Conference on Web Search and Data Mining, Barcelona, Spain, Feb 9-12, 2009) 232-241. 2009.  
Type: Proceedings  
Date Reviewed: Jul 9 2010

**Full Text**

Link structure plays an important role in the Web retrieval of relevant information. Characteristics of link structure are useful in measuring the relevance of a page. A page in the page pool has three parameters that determine its relevance: an indegree (the number of pages linked to it), an outdegree (the number of pages linked from it), and length (the number of characters on the page).

In this paper, Kamps and Koolen analyze Wikipedia's link structure, in order to determine whether Wikipedia link structure is different. They use the 2006-2007 INITiative for the Evaluation of XML-retrieval (INEX) test collection for Wikipedia, and the 2004 Text Retrieval Conference (TREC) for general Web retrieval. Their comparison reveals some interesting observations that go beyond the expected goal, which impacts the effectiveness of information retrieval of related documents.

The paper consists of eight sections, but this review only covers the two most important sections, Sections 3 and 4. Section 3 analyzes the link structures of Wikipedia and .GOV by comparing the indegree, outdegree, and length distribution of pages. The study suggests that Wikipedia has a very densely linked structure. A major portion of the Wikipedia collection consists of strongly connected components (SCC), whereas .GOV collections have a lower SCC value. As it is well organized and author guided, Wikipedia's dynamic nature makes it a complete link structure, further enhanced by peer editing and automatic link detection. Kamps and Koolen also show that, in Wikipedia, the outdegree and indegree act similarly, but this is not so in the .GOV collection. In Wikipedia, a document's high values of both outdegree and indegree indicate a high probability of relevance, whereas in .GOV only a high indegree indicates a higher probability of relevance. The length of a document is not related to its probability of relevance in .GOV, but in Wikipedia, the length is directly proportional to the probability of relevance. The authors study the correlations between indegree, outdegree, and length attributes, and show that in Wikipedia, outdegree and length are highly correlated.

**Recommendations**  
★ Featured Reviewer

**Related Topics**

Browse	Alerts
Relevance Feedback (H.3.3 ...)	Add
Information Search And Retrieval (H.3.3 ...)	Add
Performance Evaluation (Efficiency And Effectiveness) (H.3.4 ...)	Add
Retrieval Models (H.3.3 ...)	Add
Systems And Software (H.3.4 ...)	Add

Manage Alerts More Alerts

步驟 4. 點選 Full Text 後，系統會出現如下頁面，若學校圖書館有訂購 ACM 資料庫，則有權限看該篇被評論的 ACM 會議紀錄的原文，因此可點選 Subscription > E-Article

**Computing Reviews** **Association for Computing Machinery** **ThinkLoud**

TODAY'S ISSUE HOT TOPICS SEARCH BROWSE RECOMMENDED MY ACCOUNT LOGOUT

REVIEW ?

Full Text Search

**Is Wikipedia link structure different?**  
Kamps J., Koolen M. WSDM 2009 (Proceedings of the 2nd ACM International Conference on Web Search and Data Mining, Barcelona, Spain, Feb 9-12, 2009) 232-241, 2009. Type: Proceedings

**Subscription**

Use your personal or institutional subscription to read the fulltext of the article.

**E-Article**

**Purchase**

You can purchase an article without having a subscription.

**Order**


若單位有訂購該篇被評論文章的原文，點此連結回原資料庫觀看原文

若單位未訂購該篇被評論文章的原文，點此連結線上購買單篇文章

步驟 5. 連結回 ACM 資料庫，下載 PDF，觀看被評論文章的原文全文


Taiwan Demo IP for PresentationSIGN INSIGN UPSEARCH


### Is Wikipedia link structure different?

Full Text:  [PDF](#)

Authors: [Jaap Kamps](#) [University of Amsterdam](#)  
[Marijn Koolen](#) [University of Amsterdam](#)


Published in:  
• Proceeding  
[WSDM '09](#) Proceedings of the Second ACM International Conference on Web Search and Data Mining  
Pages 232-241  
[ACM](#) New York, NY, USA ©2009  
[table of contents](#) ISBN: 978-1-60558-390-7 doi>[10.1145/1498759.1498831](#)


2009 Article


[Bibliometrics](#)


- Downloads (6 Weeks): 7
- Downloads (12 Months): 68
- Citation Count: 6





#### Tools and Resources

TOC Service:  
 [Email](#) [GSS](#) [RSS](#)


 [Save to Binder](#)

 Export Formats:  
[BibTeX](#) [EndNote](#) [ACM Ref](#)

 Upcoming Conference:  
[WSDM 2013](#)

Share:  
     

**Tags:** [link evidence](#) [performance evaluation](#) [relevance](#) [feedback](#) [retrieval models](#) [web](#) [information retrieval](#) [wikipedia](#)

 [Feedback](#) | Switch to [single page view](#) (no tabs)

[Abstract](#)

[Authors](#)

[References](#)

[Cited By](#)

[Index Terms](#)

[Publication](#)

[Reviews](#)

[Comments](#)

[Table of Contents](#)

In this paper, we investigate the difference between Wikipedia and Web link structure with respect to their value as indicators of the relevance of a page for a given topic of request. Our experimental evidence is from two IR test-collections: the .GOV collection used at

以上方式介紹 CR 和 ACM 的連結使用，讀者也可依此方式在 Computing Reviews 內檢索其他學校有訂購全文資料庫的評論文章，若學校未訂購被評論文章的原文，也可以在 Full Text 連結處點選 Purchase > order 線上購買單篇文章。

如對 ACM Digital Library 和 Computing Reviews 的使用有任何問題，歡迎您與長智文化聯繫  
台北市南京東路二段 72 號 8 樓 TEL:02-2571-3369 客服信箱:Service@igrouptaiwan.com



長智文化事業有限公司  
IG Knowledge Services Ltd.

TEL: (02) 2571 3369 FAX: (02) 2571 3119

10457 台北市中山區南京東路二段 72 號 8F