IEEE *Xplore*® 全文電子資料庫

學術講師 Virginia 陳佳慧

涵堂資訊有限公司

HINTON INFORMATION SERVICES

IEEE

課程大綱...

- **科技工程必備的電子資源**
  - IEEE Xplore® Digital library
- **IEEE Xplore® 平台收錄內容**
- **IEEE Xplore® 平台操作說明**
  - 瀏覽
  - 檢索
  - 個人化設定

IEEE *Xplore*®全文電子資料庫

IEEE Xplore® Digital Library

IEEE/IET Electronic Library (IEL)

IEL 收錄量最多 最具有價值的參考資源

完整收錄兩個學會的出版文獻

-美國電子電機工程師學會(IEEE)

-英國電機工程師學會(IET)

IEEE

IET The Institution of Engineering and Technology

IEEE Xplore®收錄各家出版社以及學會文獻

VDE

SMPTE

TSINGHUA Science and Technology

The MIT Press

IBM

Alcatel·Lucent Bell Labs

WILEY Publishers Since 1807

&MC

HINTON INFORMATION SERVICES

IEEE

TODAY'S IEEE

非營利組織，全球最大的技術行業學會，成員遍佈160多個國家地區，會員超過43萬人

- 300多個地方分會
- 2000多個專業委員會
- 3000多個學生分會遍佈100多個國家

IEEE/IET Electronic Library -IEL

More than just Electrical Engineering & Computer Science

Our Global Reach

430,000+
Members

45
Technical Societies and Councils

160+
Countries

Our Technical Breadth

1,700+
Annual Conferences

4,000,000+
Technical Documents

180
Top-cited Periodicals

HINTON INFORMATION SERVICES

IEEE

IEEE Societies 技術委員會

39個 專業分會

- IEEE Instrumentation and Measurement Society
- IEEE Intelligent Transportation Systems Society
- IEEE Magnetics Society
- IEEE Microwave Theory and Techniques Society
- IEEE Nuclear and Plasma Sciences Society
- IEEE Oceanic Engineering Society
- IEEE Photonics Society
- IEEE Power Electronics Society
- IEEE Power and Energy Society
- IEEE Product Safety Engineering Society
- IEEE Professional Communications Society
- IEEE Reliability Society
- IEEE Robotics and Automation Society
- IEEE Signal Processing Society
- IEEE Society on Social Implications of Technology
- IEEE Solid-State Circuits Society
- IEEE Systems, Man, and Cybernetics Society
- IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society
- IEEE Vehicular Technology Society
- IEEE Aerospace and Electronic Systems Society
- IEEE Antennas and Propagation Society
- IEEE Broadcast Technology Society
- IEEE Circuits and Systems Society
- IEEE Communications Society
- IEEE Components, Packaging, and Manufacturing Technology Society
- IEEE Computational Intelligence Society
- IEEE Computer Society
- IEEE Consumer Electronics Society
- IEEE Control Systems Society
- IEEE Dielectrics and Electrical Insulation Society
- IEEE Education Society
- IEEE Electron Devices Society
- IEEE Electromagnetic Compatibility Society
- IEEE Engineering in Medicine and Biology Society
- IEEE Geoscience and Remote Sensing Society
- IEEE Industrial Electronics Society
- IEEE Industry Applications Society
- IEEE Information Theory Society

IEEE

HINTON INFORMATION SERVICES

IEEE

IEEE 出版 - IEEE Xplore 資料庫

IEEE Journals & Magazines—Top-cited in the fields of electrical engineering and computing—approximately 200 in all.

Six New in 2017

IEEE Conference Proceedings—Cutting-edge papers presented at over 1,700 IEEE conferences globally.

Now 1,700+ Annual titles!

IEEE Standards—Quality product and technology standards used worldwide by industries and companies to ensure safety, drive technology, and develop markets.

Smart Grid, NESC®, 802

IEEE Educational Courses—More than 400 hours of online learning courses, plus IEEE English for Engineering.

More Courses, New Series

eBooks Collections—Three eBook collections now available, IEEE-Wiley eBooks Library, MIT Press eBooks Library, and Morgan and Claypool Synthesis eBooks Library, Foundations and Trends eBooks Library

IEEE-Wiley
MIT Press
M&C eBooks
FnT eBooks

HINTON INFORMATION SERVICES

IEEE

IEEE文獻 引用率第一

Refer to: Journal Citation Reports® (JCR®) from Clarivate Analytics

IEEE publishes :

22 of the top 25	journals in 電機電子工程
19 of the top 20	journals in 通訊科技
5 of the top 5	journals in 電腦科學-資訊系統
4 of the top 5	journals in 電腦科學-AI人工智慧
4 of the top 5	journals in 自動化與控制系統
3 of the top 5	journals in 電腦科學、硬體與架構
3 of the top 5	journals in 控制理論
2 of the top 5	journals in 影像科學及圖像科技

Based on the 2017 study released June 2018

More info: www.ieee.org/citations

HINTON INFORMATION SERVICES IEEE

IEEE *Xplore*®：專利申請引用率第一

全球前40大專利研發機構引用文獻來源：

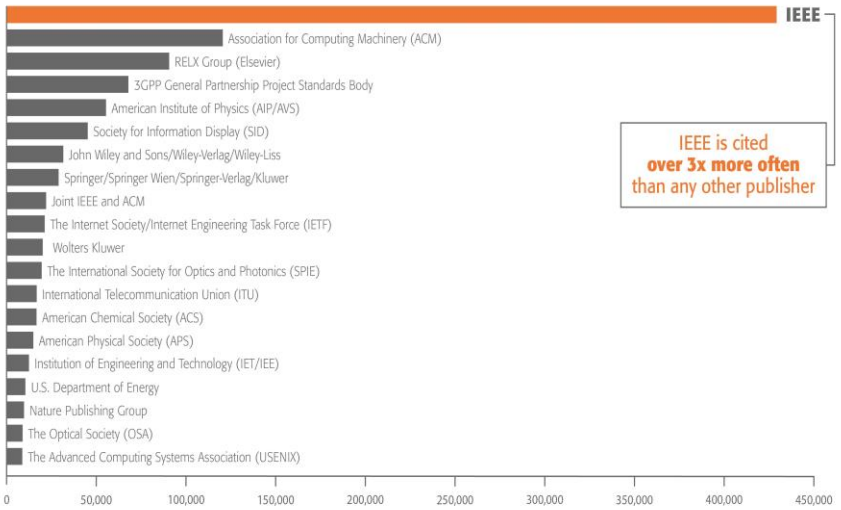
IEEE 五度蟬聯第一

- 被引用次數超過其他出版單位的三倍
- 1997年至今專利被引用次數增加896%
- 科技文獻在專利申請時的重要性節節攀升
- IEEE 文獻對創新者的影響力持續增加

1790 Analytics LLC performed an in-depth analysis of the science references from top patenting firms.

IEEE 引領美國專利發展

前40大專利機構最常引用的出版單位



- U.S. patent references from the top 40 patenting organizations in 2016 to top publishers
- Based on number of references to papers/standards/conferences from 1997–2016
- Visit www.ieee.org/patentcitations for more information.

HINTON INFORMATION SERVICES

IEEE

IEEE Xplore- TOPIC : 涵蓋主題

- 航空
- 生物醫學工程
- 通訊
- 電子
- 造像
- 奈米科技
- 光學
- 電力系統
- 遙測
- 安全通訊
- 運輸
- 天線
- 電路
- 電腦運算
- 能源
- 資訊科技
- 核能
- 電力電子
- 放射學
- 機器人 & 自動化
- 軟體
- 無線技術

and more…

HINTON INFORMATION SERVICES

IEEE

IEEE Xplore® Digital Library

http://ieeexplore.ieee.org

- IEEE所開發的線上平台
- 合作出版單位：
  - ◆德國電氣工程師協會(VDE)
  - ◆貝爾實驗室(BLTJ)
  - ◆麻省理工學院(MITP)
  - ◆IBM
  - ◆電影電視工程師協會(SMPTE)
  - ◆北京航天情報與信息研究所 (BIAI)
  - ◆清華大学出版社 (TUP)

VDE

The MIT Press

Alcatel·Lucent Bell Labs

IBM

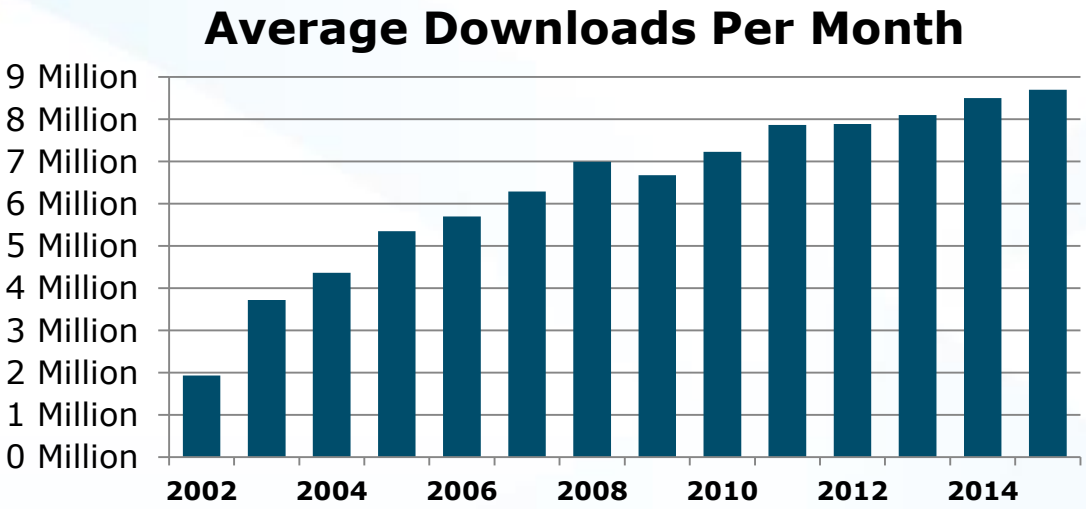
SMPTE

HINTON INFORMATION SERVICES

IEEE

IEEE Xplore®：全球使用量不斷攀升

每月平均超過900萬文獻檔案被下載



Source: IEEE *Xplore* Internal Usage Stats

全球下載量:台灣第四

Data year end 2017

- #1 China
- #2 USA
- #3 India
- #4 Taiwan
- #5 Korea

HINTON INFORMATION SERVICES

IEEE

所有科技相關的領域都在IEEE *Xplore*®

OPTICS RENEWABLE ENERGY
SEMICONDUCTORS SMART GRID
IMAGING INFORMATION TECHNOLOGY
COMMUNICATIONS AEROSPACE CIRCUITS
BIOMEDICAL ENGINEERING ELECTRONICS
LTE WIRELESS BROADBAND NANOTECHNOLOGY
CLOUD COMPUTING

HINTON INFORMATION SERVICES IEEE

IEEE 涵蓋各個科技領域

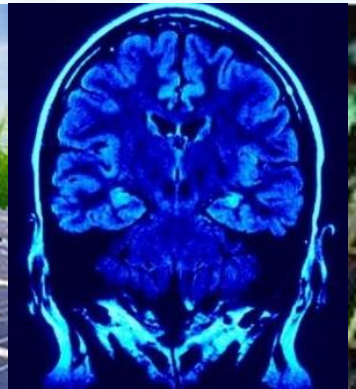
More than just Electrical Engineering & Computer Science

- Aerospace & Defense
- Automotive Engineering
- Biomedical Engineering
- Biometrics
- Circuits & Systems
- Cloud Computing
- Communications
- Computer Software
- Electronics
- Energy
- Engineering
- Imaging
- Information Technology
- Medical Devices
- Nanotechnology
- Optics
- Petroleum & Gas
- Power Electronics
- Power Systems
- Robotics & Automation
- Semiconductors
- Smart Grid
- Wireless Broadband

and many more








IEEE *Xplore*® 平台收錄內容

HINTON INFORMATION SERVICES

IEEE

收錄資料類型

- ［期刊雜誌］Journal & magazine
- ［會議論文集］Conference publication
- ［標準規範］IEEE standards
- ［電子書］Books & ebooks
- ［線上學習］Education & Learning

HINTON INFORMATION SERVICES IEEE

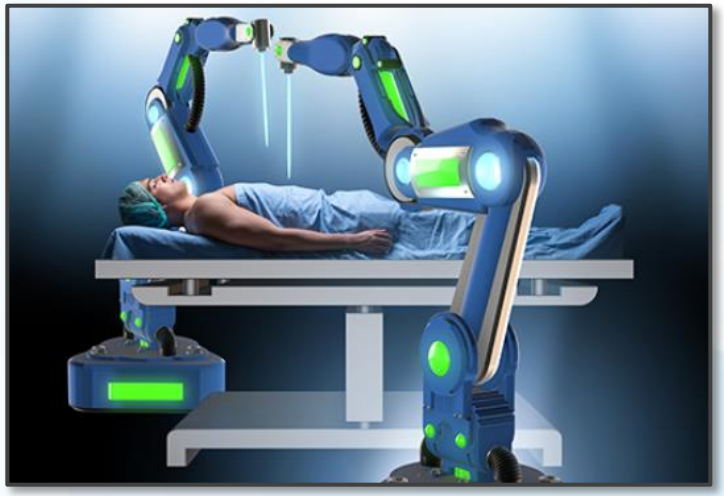
2018新刊

These new journal titles will soon be available and accessible via subscription:

- IEEE **Internet of Things** Magazine
- IEEE Transactions on **Medical Robotics** and Bionics
- IEEE Letters of the **Computer Society**
- IEEE **Solid-State Circuits** Letters
- IEEE **Control Systems** Letters

  (First articles published mid 2017)
- IEEE **Sensors** Letters

  (First articles published mid 2017)



All Included in an IEL Subscription

For a complete title listing, to go:http://ieeexplore.ieee.org/xpl/opacjrn.jsp

IEEE

2017新刊

In 2017, IEEE introduced six new journals accessible via subscription:

- IEEE **Communications Standards** Magazine
- IEEE Journal of **Electromagnetics,** RF and Microwaves in Medicine and Biology
- IEEE Trans. on Emerging Topics in **Computational Intelligence**
- IEEE Trans. on **Green Communications** and Networking
- IEEE Trans. on Radiation and **Plasma Medical Sciences**
- IEEE Journal of **Radio Frequency Identification**

All Included in an IEL Subscription
For a complete title listing, to go: http://ieeexplore.ieee.org/xpl/opacjrn.jsp

IEEE

IEEE /IET/ VDE會議論文科技的開路先鋒

每一年IEEE/IET/VDE 在全球舉辦國際會議，學術與業界專家齊聚一堂，
分享與討論各科技領域相關議題。

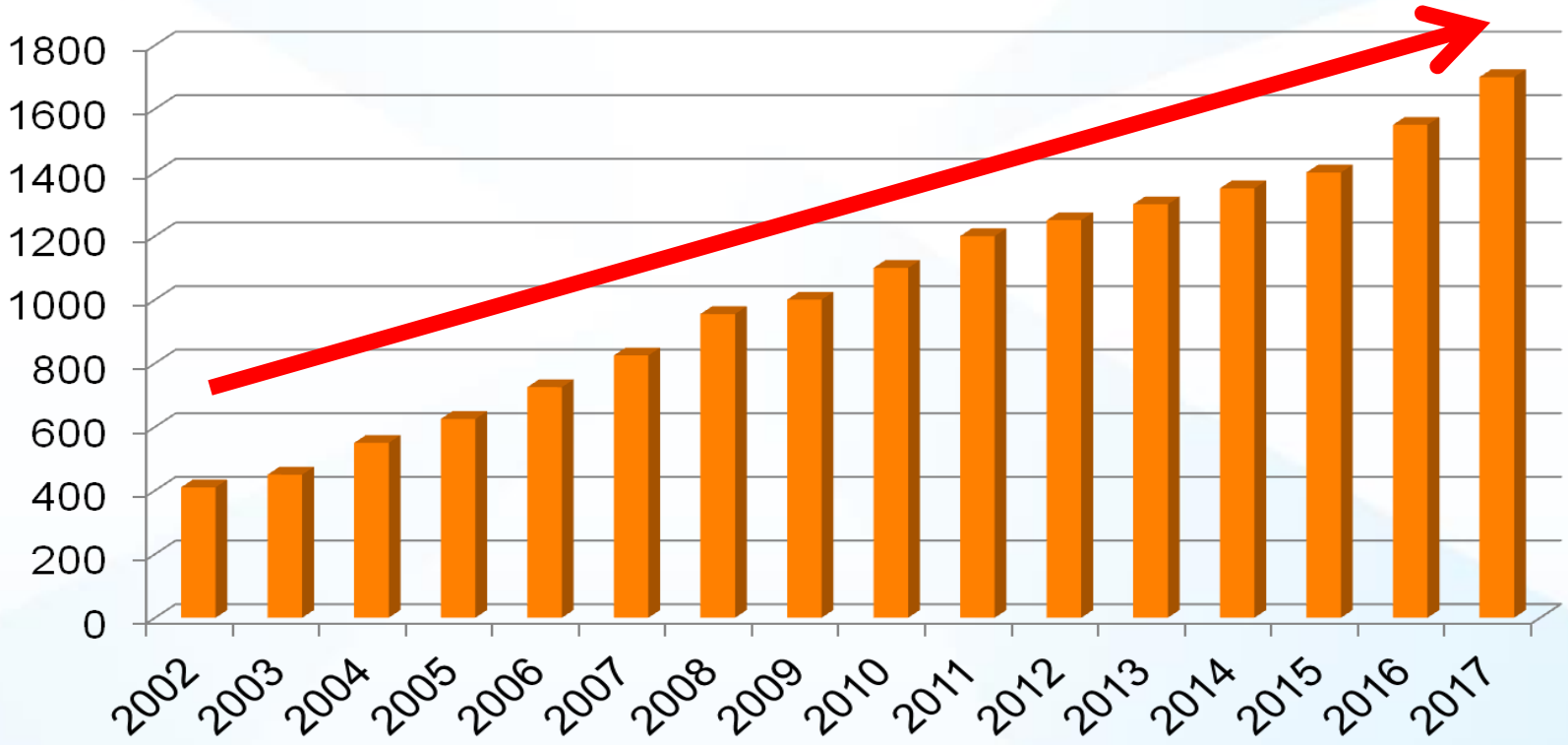
IEEE IET VDE 每年舉辦1,700+場國際會議 ，文獻總數超過320萬！

HINTON INFORMATION SERVICES

IEEE

IEEE每年在全球舉辦研討會

Now over 1,800 annual conferences in 2017
Over 3 million total papers in all in IEEE*Xplore*



www.ieee.org/conferences

HINTON INFORMATION SERVICES

IEEE

IEEE 標準制定

- IEEE 標準協會 IEEE-SA
- IEEE現有42個主持標準化工作的專業學會及委員會
- 標準制定內容包含試驗方法、符號、定義以及測試方法等領域。
- 常見標準:

  IEEE 802.1——High Level Interface(Internetworking)

  IEEE 802.1d——生成樹協議

  IEEE 802.1p——General Registration Protocol

  IEEE 802.1q——虛擬區域網 等等...

IEEE 合作夥伴

收錄全球科技領先出版社電子書來拓展視野

Telecommunications

WILEY
Publishers Since 1807

Computing and Engineering

The MIT Press

Synthesis Series

&C

Foundations and Trends Series

now
the essence of knowledge

HINTON INFORMATION SERVICES

IEEE

IEEE COURSES 線上學習課程

IEEE eLearning Library

Ethical Hacking Course Program

駭客入侵防堵線上學習課程，透過了解駭客常用的工具和方法，以實際了解駭客的行為，進而知道如何保護網路、系統免受攻擊。如何掃描及測試系統的安全漏洞，藉以保護系統安全，防堵不法駭客的入侵。系列包含8大主題課程

Cyber Security Course Program

美國電子電機工程師學會IEEE推出線上課程，針對資訊安全各面向議題進行探討，協助掌握最新資訊安全漏洞陷阱及防範的策略及技巧，內容涵蓋11項主題

HINTON INFORMATION SERVICES

IEEE

IEEE E-Learning 多元學習。瞭解產業趨勢

Categories

All Subscribed Courses ›

依照不同的科技領域點選課程內容

- Aerospace
- Bioengineering
- Communication, Networking & Broadcasting
- Components, Circuits, Devices & Systems
- Computing & Processing
- Engineering Profession
- English for Engineering
- Fields, Waves & Electromagnetics
- Free Tutorials
- General Topics for Engineers
- Photonics & Electro-Optics
- Power, Energy, & Industry Applications
- Robotics & Control Systems
- Signal Processing & Analysis
- Transportation

HINTON INFORMATION SERVICES

IEEE

Ethical Hacking Course Program

Hacking Your Company: Ethical Solutions to Defeat Cyber Attacks

A well trained Ethical Hacker is a skilled professional who understands and knows how to look for weaknesses and vulnerabilities in target systems and uses the same knowledge and tools as a malicious hacker, but in a lawful and legitimate manner to assess the security posture and readiness of target systems.

- Ethical Hacking: System Hacking
- Ethical Hacking: Evasion Techniques
- Ethical Hacking: Malware Fundamentals
- Ethical Hacking: SQL Injections
- Ethical Hacking: Enumeration
- Ethical Hacking: Scanning
- Denial of Service Attacks
- Introduction to Penetration Testing

HINTON INFORMATION SERVICES

IEEE

Cyber Security Course Program

Introductory

Cloud Security

Cloud computing is causing a transformational shift that touches almost every part of the technology landscape. This video course presents a picture of threat vectors in cloud services, and the unique architectural considerations for securing assets ...View More

CEUs: 0.0 | PDHs: 0 | 1 Hour

Intermediate

Footprinting

Footprinting is the process of gathering data regarding a network environment, and is usually for the purpose of finding ways to intrude into the environment. Footprinting can reveal system vulnerabilities and improve the ease with which they can be ...View More

CEUs: 0.0 | PDHs: 0 | 1 Hour

Intermediate

Cryptography Fundamentals

When storing and transmitting data, it's important to secure your data in such a way that only those for whom it is intended can read/process it. Cryptography is a method to ensure this security. This course will explore areas of cryptography. Topics...View More

CEUs: 0.0 | PDHs: 0 | 1 Hour

Introductory

Introduction to Penetration Testing

Penetration testing (or 'pen testing') is the process of testing a computer system, Web application or network to find vulnerabilities that could be exploited by an attacker. This course will discuss the concept of pen testing and what role it plays....View More

CEUs: 0.0 | PDHs: 0 | 1 Hour

Introductory

Data Security in the Cloud

The move to Cloud services introduces many new and complex issues related to data security. This video course addresses the threats to data security as they relate to the Cloud, and offers a review of the technologies that work together to create a r...View More

CEUs: 0.0 | PDHs: 0 | 1 Hour

New

Intermediate

Mobile Device Security

As mobile technologies mature, there is an increase in the use of mobile devices to access sensitive data. Unfortunately, security controls have not necessarily kept pace with the security risks that mobile devices can pose. In this course, the diffe...View More

CEUs: 0.0 | PDHs: 0 | 1 Hour

HINTON INFORMATION SERVICES

IEEE

Cyber Security Course Program

New

Intermediate

Network Sniffing

A sniffer is a program/device that monitors data travelling over a network. Sniffers can be used both for legitimate network management and for stealing information off a network. Unauthorized sniffers can be dangerous to a network's security as they ...View More

CEUs: 0.3 | PDHs: 3 | 1 Hour

Intermediate

Social Engineering for Cyber Security

Social engineering is a tactic used to manipulate individuals to divulge confidential information. The types of information these criminals are seeking can vary, and it's important to understand how to identify these attacks. In this course, we expl...View More

CEUs: 0.3 | PDHs: 3 | 1 Hour

Introductory

System Fundamentals for Cyber Security

This course will examine basic technologies for Cyber Security. This course provides a fundamental overview particularly helpful for an introductory look at Cyber Security. Topics covered will include: a review of common operating systems and their va...View More

CEUs: 0.3 | PDHs: 3 | 1 Hour

New

Intermediate

Web Server & Web Application Security

Web server and Web application security is the protection of information assets that can be accessed from a Web server or application. Security is important for any organization that has a physical or virtual Web server connected to the Internet. Thi...View More

CEUs: 0.3 | PDHs: 3 | 1 Hour

New

Intermediate

WiFi and Bluetooth Security

It's vital to develop strategies for mobile device security, including WiFi and Bluetooth, so that your data isn't compromised. While all mobile devices present risks that need to be addressed, WiFi and Bluetooth security is a vital area. In this cou...View More

CEUs: 0.3 | PDHs: 3 | 1 Hour

Ask your account manager for a demo and about perpetual access options

HINTON INFORMATION SERVICES

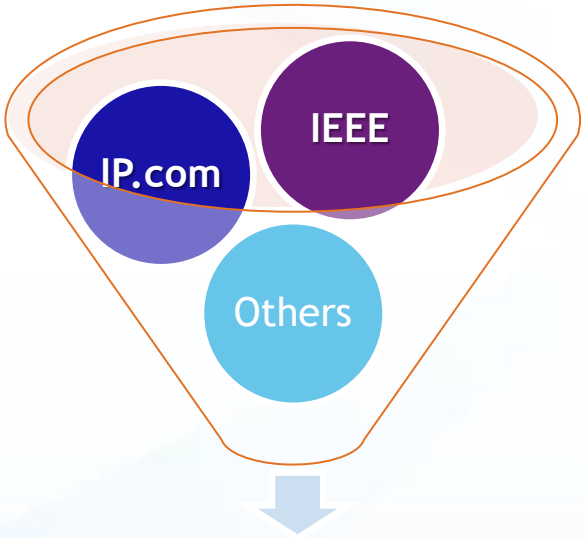
IEEE

New in 2016

InnovationQ PLUS
POWERED BY IEEE AND IP.COM

專利分析工具正式問市

Content



- IEEE Full Text
- IP.com's proprietary Prior Art Database
- licensable technology from universities
- Other non-patent literature including Pub Med and IETF

Platform

- Semantic Search
- Visualization tools - MapIt & Charts

HINTON INFORMATION SERVICES

IEEE

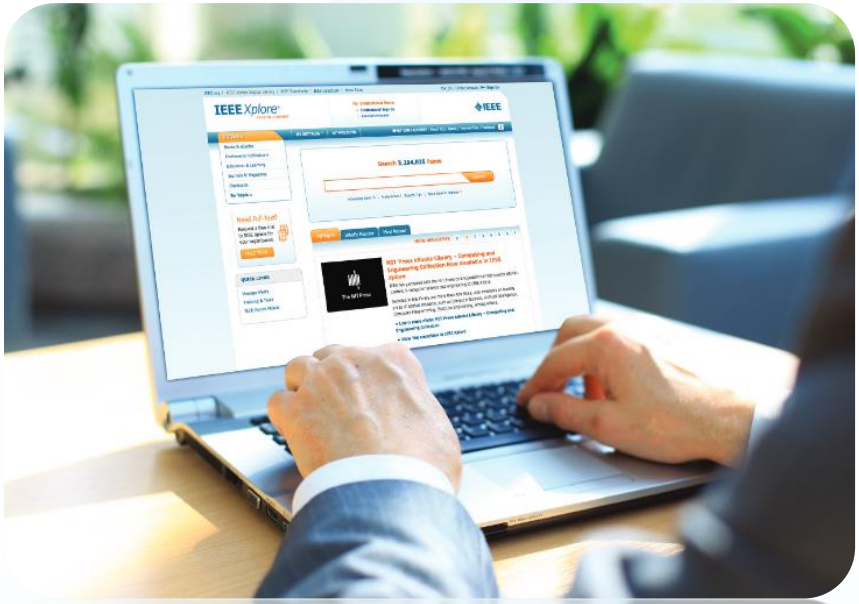
IEEE Xplore

資料庫網址

網址：www.ieeexplore.ieee.org

全新功能提升研究效率

- Mobile friendly 互動介面
- 瀏覽功能
  - 依文獻瀏覽
  - HTML 瀏覽
- 檢索功能
  - Basic Search 基本檢索
  - Author Search 作者檢索
  - And more.....
- 個人化設定
  - 新知快報 (Content Alerts)
  - 檢索結果通知(Searches Alerts)
  - And more.....
- Other tips and 手機平板介面



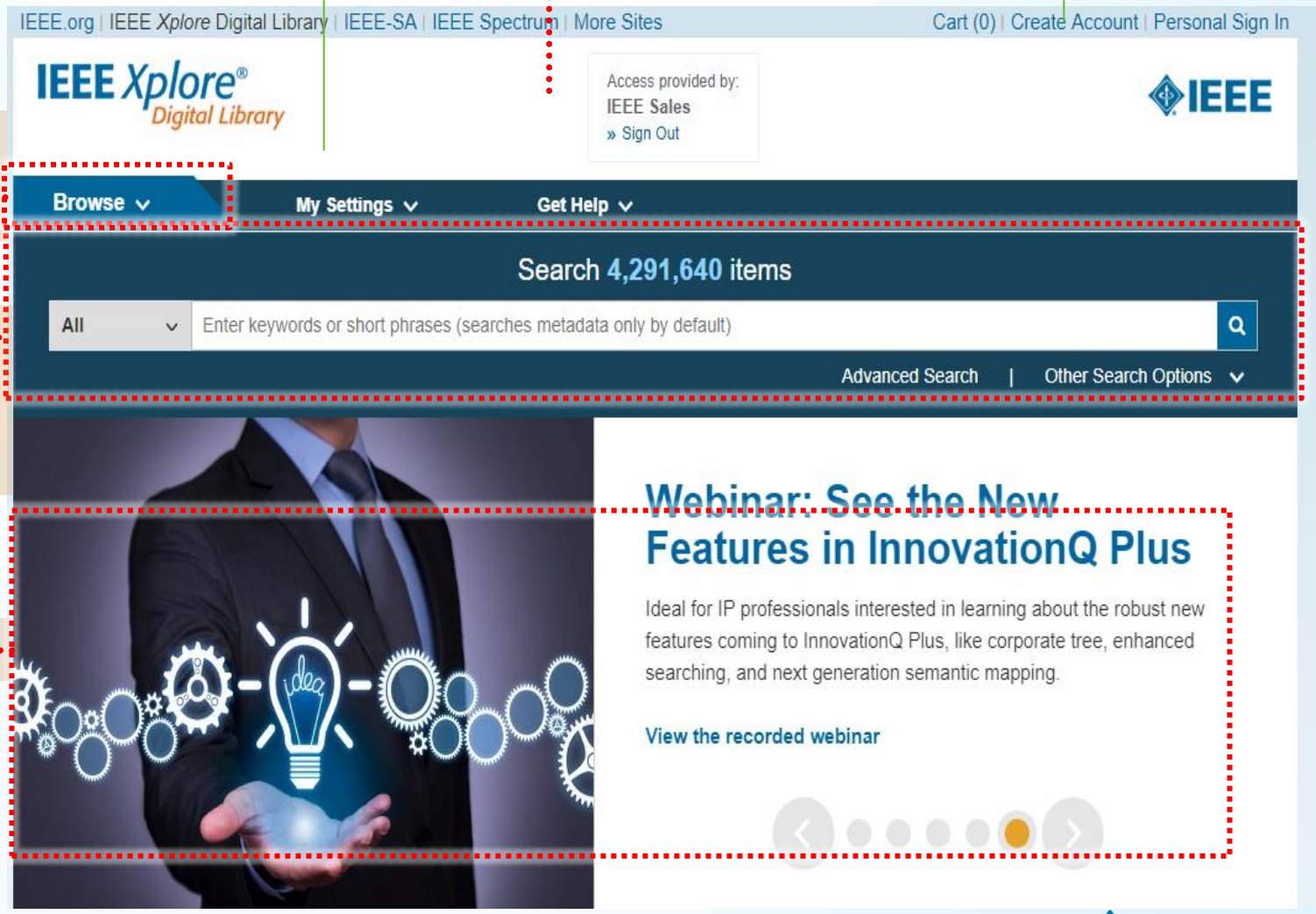
IEEE

首頁總攬(A)

個人化功能

顯示學校英文名稱

個人化功能登入



瀏覽功能:

- 依文獻類型
- 依主題

檢索工具列:

- Basic Search 基本檢索
- Author Search 作者檢索
- Publication Search 出版品檢索
- Advanced Search 進階檢索
- Other Search Options 其他檢索

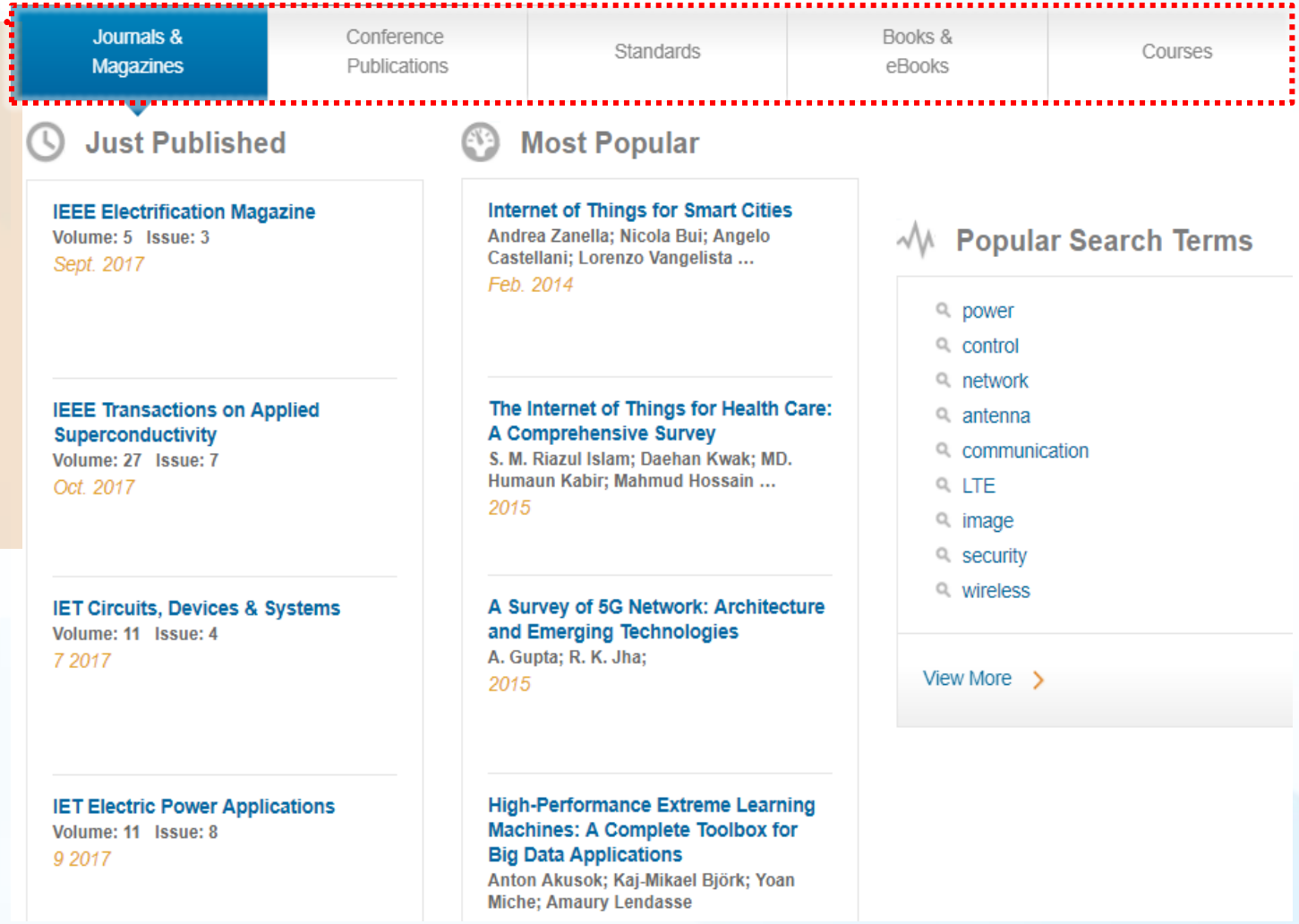
最新消息

首頁總攬(B)

點選不同欄位，觀看文獻訊息。

欄位依序為:

- 期刊雜誌 (Journals & Magazines)
- 會議論文 (Conference Publications)
- 標準規範 (Standards)
- 電子書籍 (Books & eBooks)
- 線上課程 (Education & Learning)



瀏覽功能

www.ieeexplore.org

瀏覽功能(Browse)

HINTON INFORMATION SERVICES

IEEE

1. 期刊雜誌瀏覽

HINTON INFORMATION SERVICES

IEEE

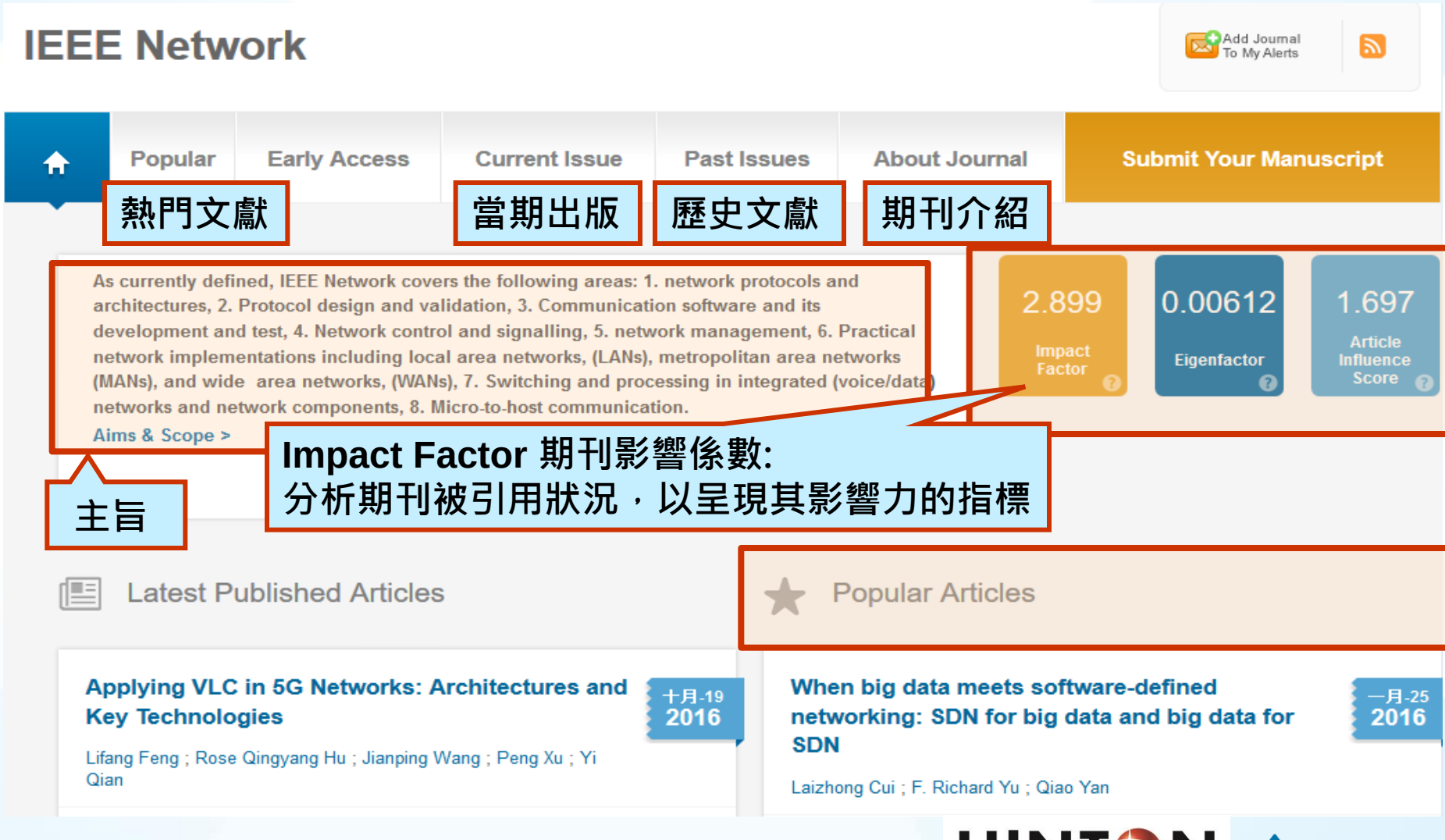
期刊雜誌瀏覽

HINTON INFORMATION SERVICES

IEEE


Browse Journals & Magazines
By Title
鍵入關鍵字搜尋
Year
Single Year
Range
1872
2017
From
To
1872
2017
預先設定顯示筆數
Sign Up for Alerts
Title List
R | S | T | U | V | W | X | Y | Z | 0 - 9 | All
Sort By
Publication Title A - Z
設定排序條件
Publisher
IEEE (206)
IET (85)
MITP (8)
IBM (2)
BIAI (1)
TUP (1)
Alcatel-Lucent (1)
CSEE (1)
SMPTE (1)
左邊檢索欄位可以設定
年份/出版社/主題
Topic
IEEE Access
Publisher: IEEE Years: 2013 - Present Most Recent Issue
IEEE Aerospace and Electronic Systems Magazine
Publisher: IEEE Years: 1986 - Present Most Recent Issue
IEEE Transactions on Affective Computing
Publisher: IEEE Years: 2010 - Present Most Recent Issue
IEEE Annals of the History of Computing
IEEE Publication Recommender™
Helps you publish in IEEE Xplore
TRY NOW >>
HINTON INFORMATION SERVICES
IEEE

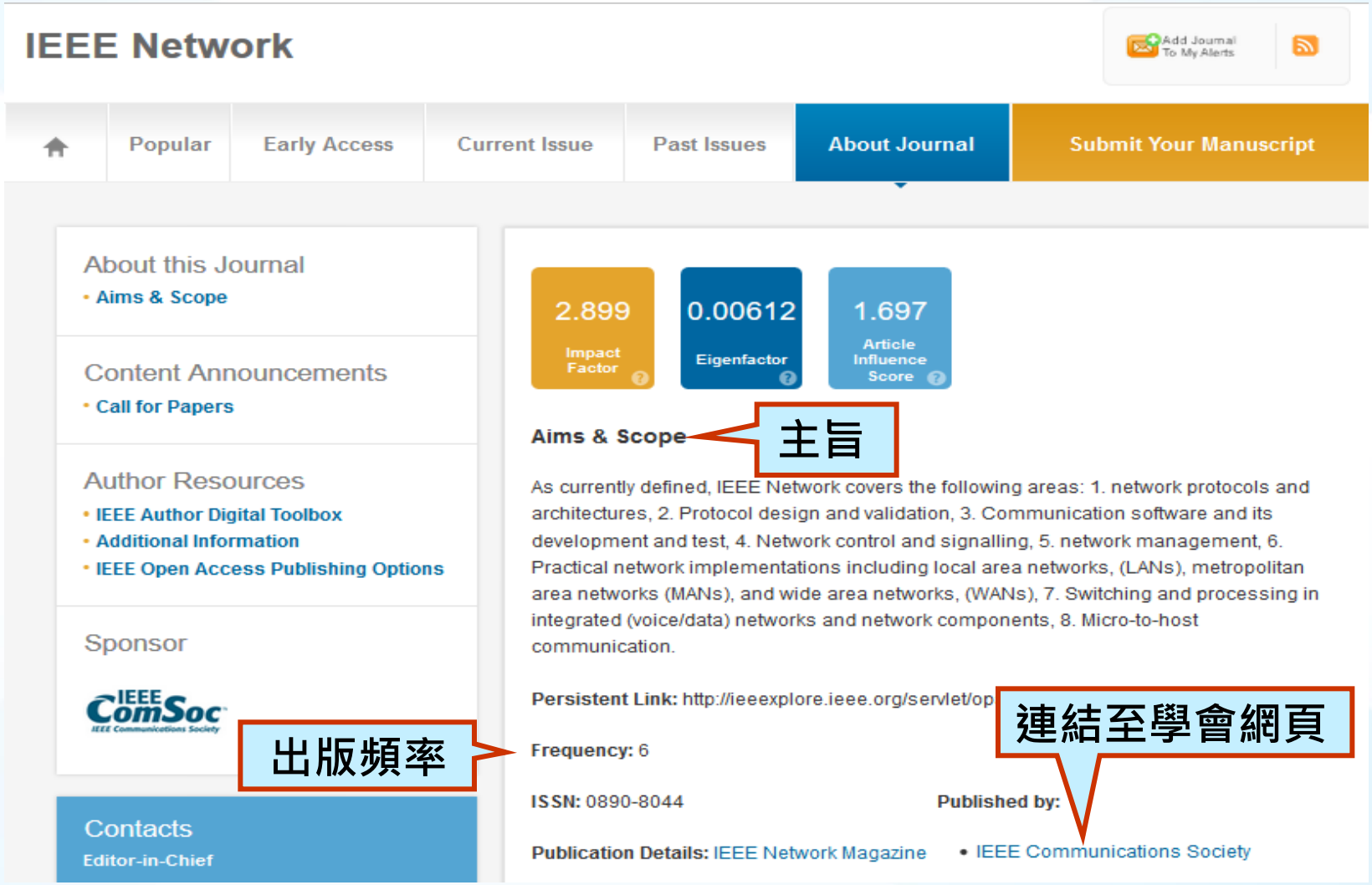
期刊雜誌瀏覽



HINTON INFORMATION SERVICES

IEEE

期刊雜誌瀏覽－About Journal



期刊雜誌瀏覽－Current Issue

Vehicle as a resource (VaaR)

View Document

7 Paper Citations

684 Full Text Views

文獻名稱

Related Articles

- The challenges of building mobile underwater wire...
- Vehicular communication systems: Enabling technol...
- Effective Coverage Control for Mobile Sensor Netw...

3 Author(s)

Sherin Abdelhamid ; Hossam Hassanein ; Glen Takahara

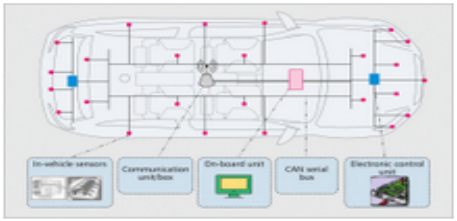
View All Authors

作者

圖檔

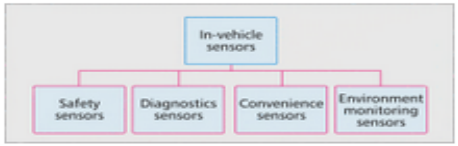
Abstract | Authors | **Figures** | References | Citations | Keywords | Metrics | Media

Figure 1.



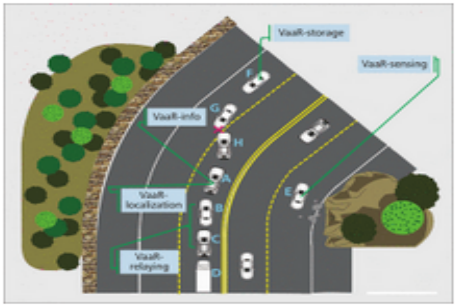
In-vehicle components shaping the intelligent vehicle.

Figure 2.



Categories of in-vehicle sensors.

Figure 3.



Illustrative scenario showing the viability of VaaR. Vehicles G and H had an accident and vehicles F, A, B, and C work as resource providers while being in the vicinity of the emergency situation. Vehicle E as well works as a resource after detecting falling rocks on its way.

HINTON INFORMATION SERVICES

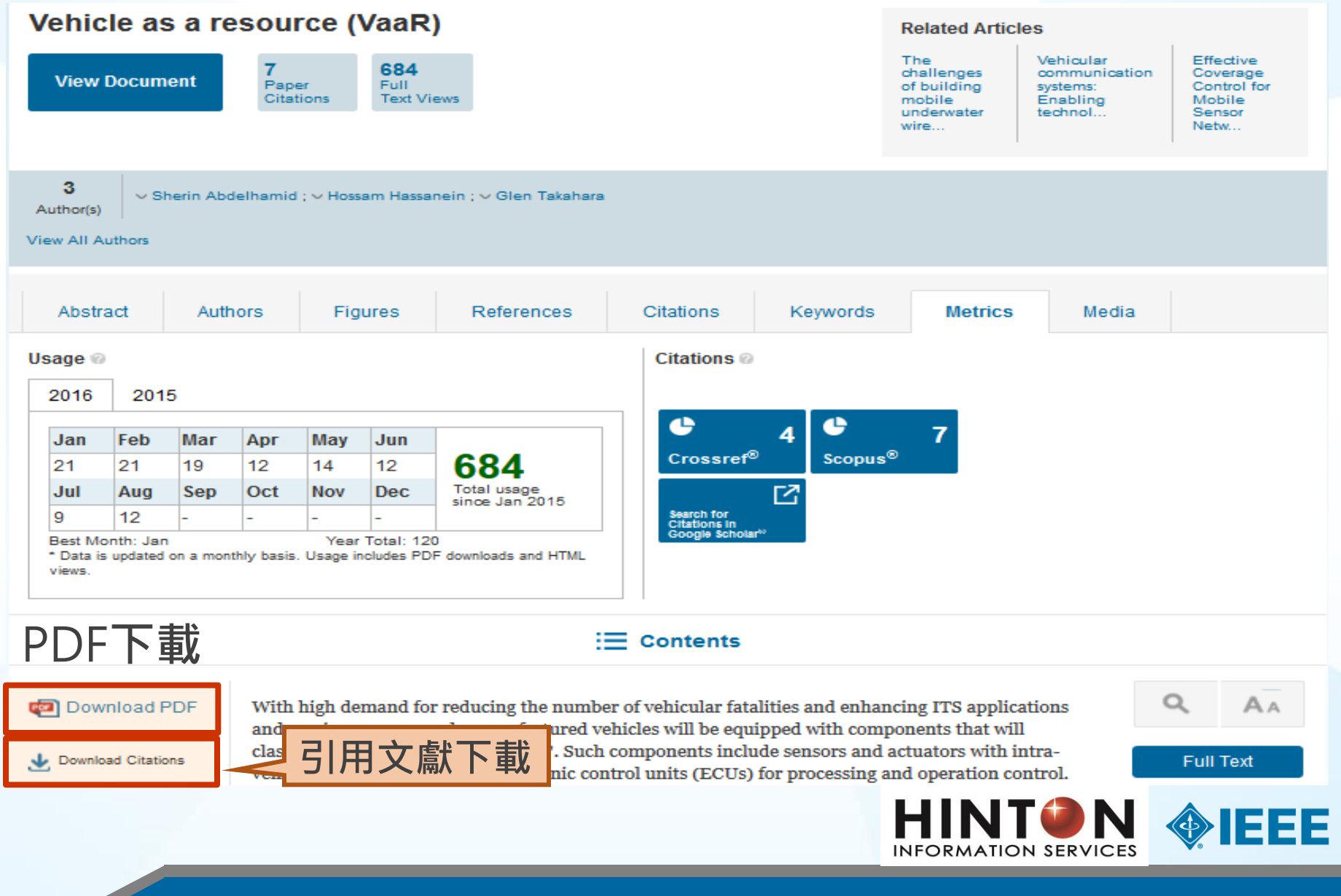
IEEE

期刊雜誌瀏覽－Citation Map

HINTON INFORMATION SERVICES

IEEE

期刊雜誌瀏覽－Current Issue



HINTON INFORMATION SERVICES

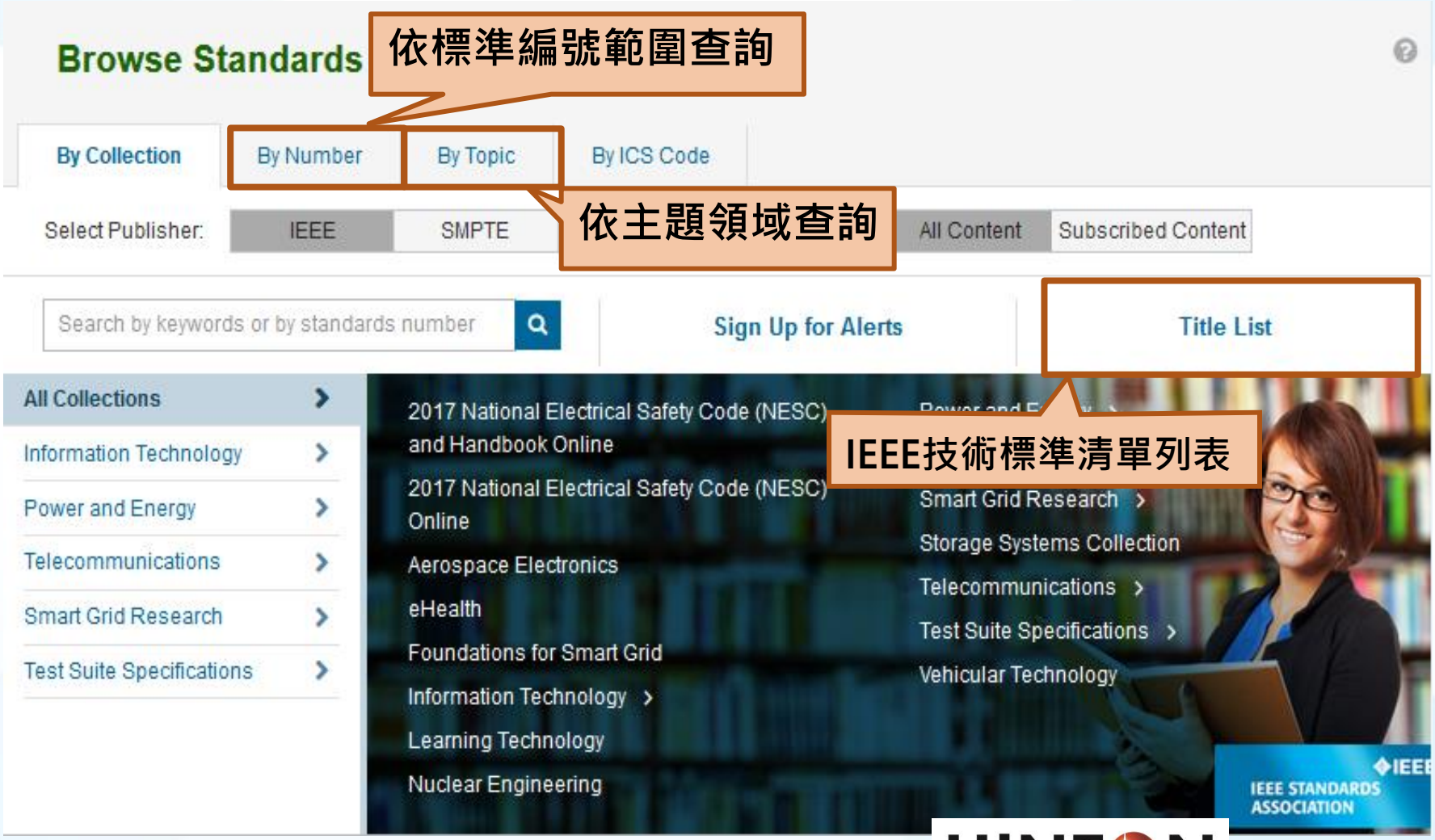
IEEE

2. 會議論文瀏覽

HINTON INFORMATION SERVICES

IEEE

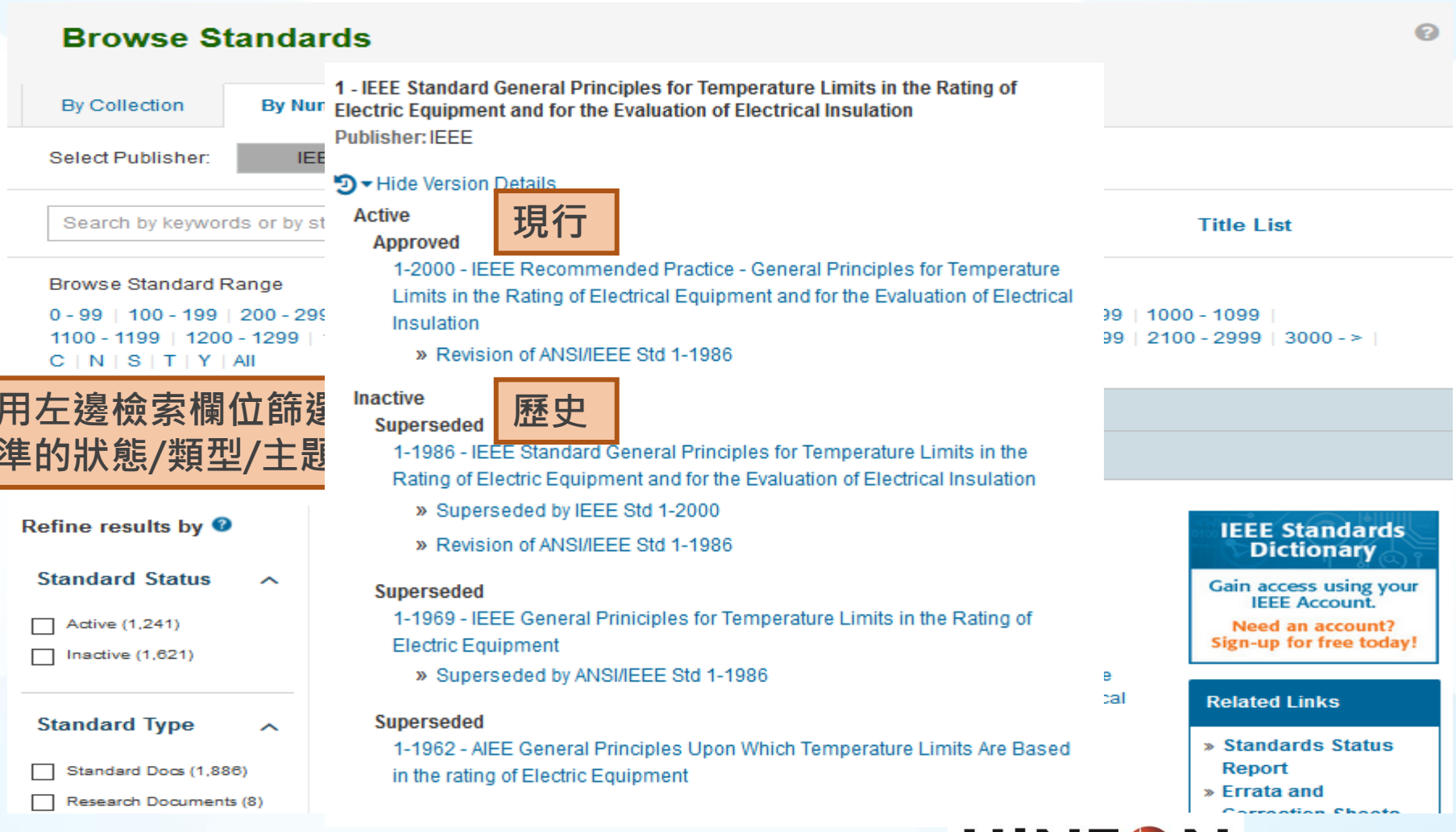
3. 標準瀏覽



HINTON INFORMATION SERVICES

IEEE

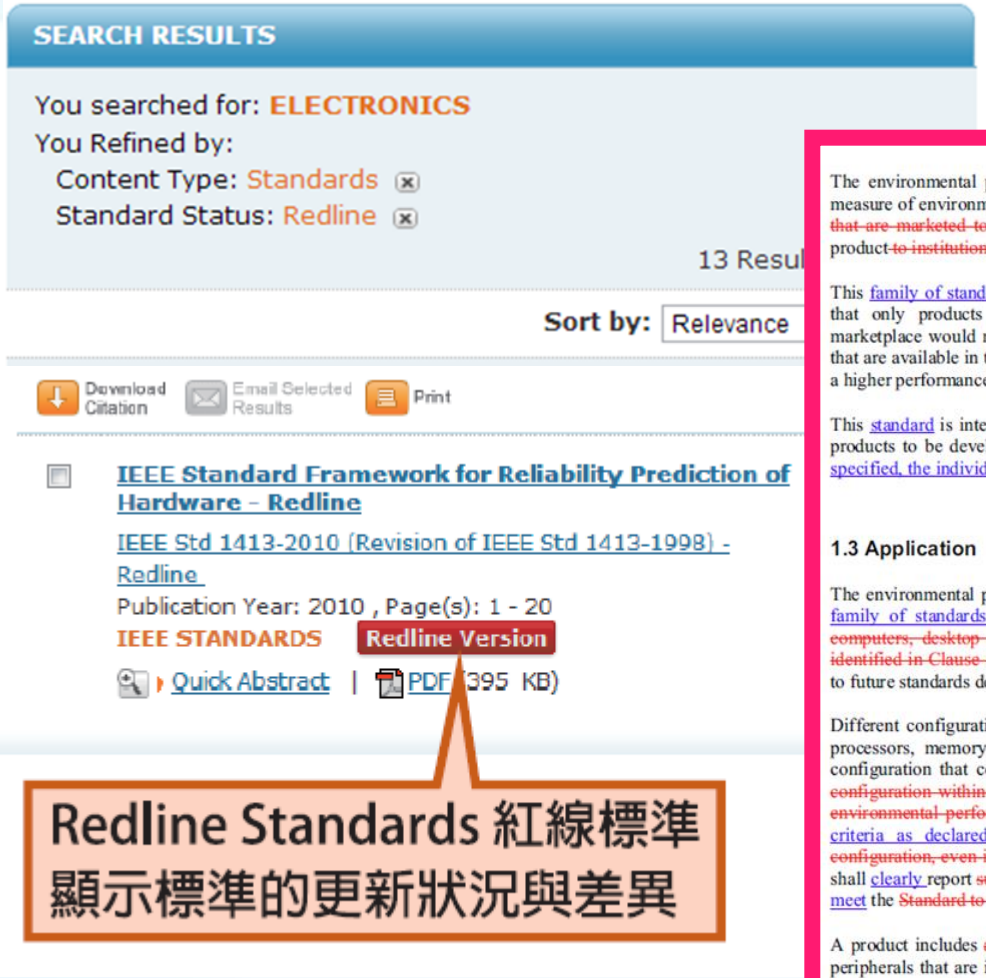
標準瀏覽

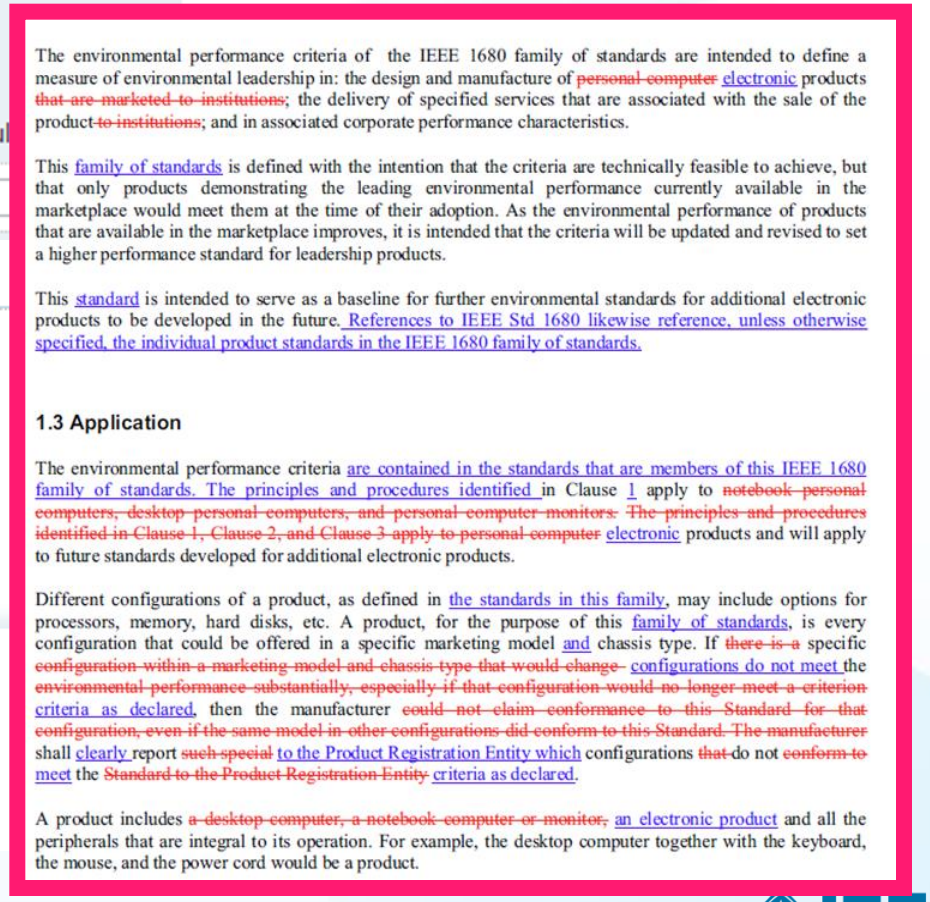


HINTON INFORMATION SERVICES

IEEE

標準瀏覽 - 紅線標準　Redline Standards





The environmental performance criteria of the IEEE 1680 family of standards are intended to define a measure of environmental leadership in: the design and manufacture of ~~personal computer~~ electronic products ~~that are marketed to institutions~~; the delivery of specified services that are associated with the sale of the product ~~to institutions~~; and in associated corporate performance characteristics.

This family of standards is defined with the intention that the criteria are technically feasible to achieve, but that only products demonstrating the leading environmental performance currently available in the marketplace would meet them at the time of their adoption. As the environmental performance of products that are available in the marketplace improves, it is intended that the criteria will be updated and revised to set a higher performance standard for leadership products.

This standard is intended to serve as a baseline for further environmental standards for additional electronic products to be developed in the future. References to IEEE Std 1680 likewise reference, unless otherwise specified, the individual product standards in the IEEE 1680 family of standards.

1.3 Application

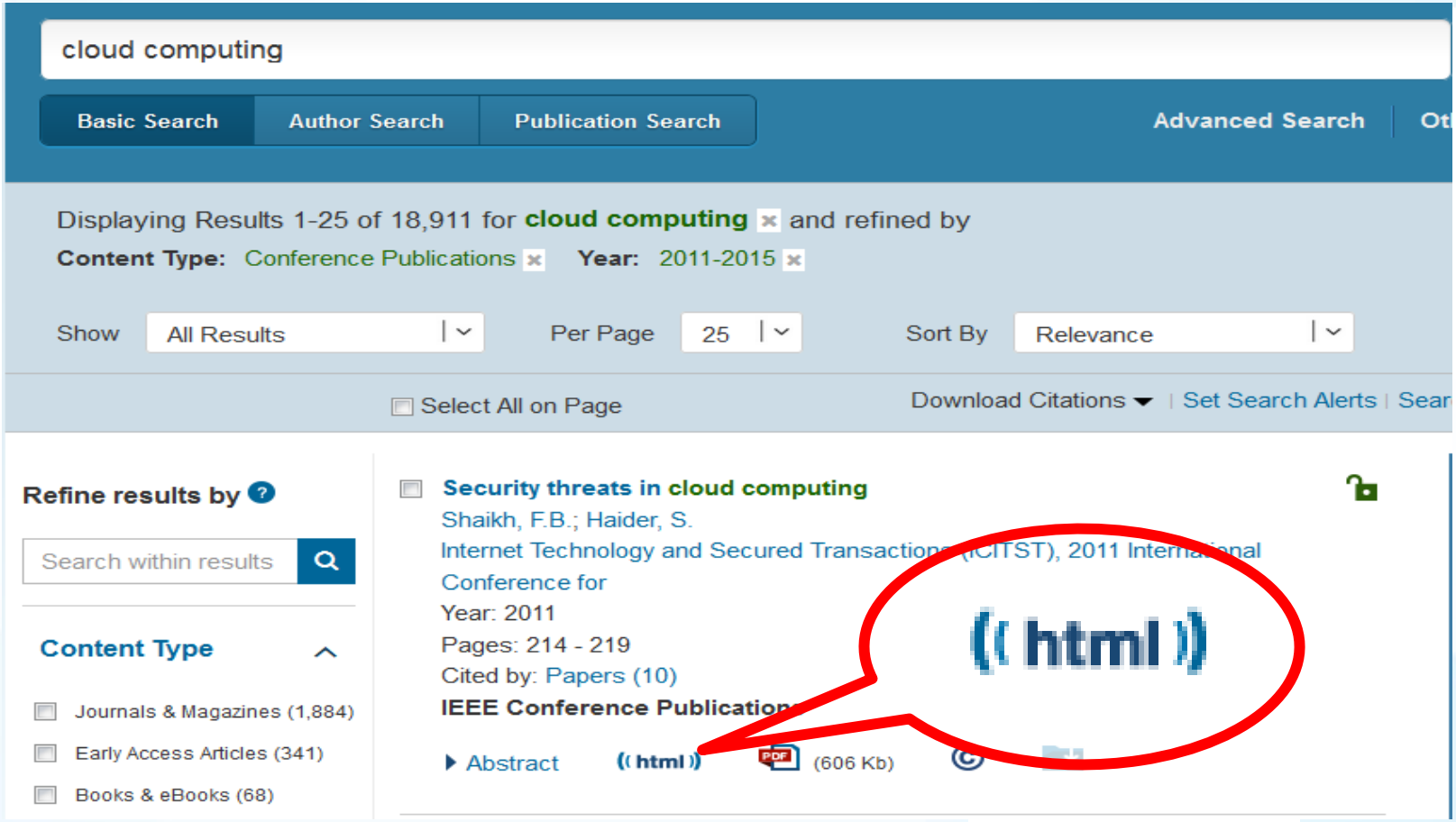
The environmental performance criteria are contained in the standards that are members of this IEEE 1680 family of standards. The principles and procedures identified in Clause 1 apply to ~~notebook personal computers, desktop personal computers, and personal computer monitors. The principles and procedures identified in Clause 1, Clause 2, and Clause 3 apply to personal computer~~ electronic products and will apply to future standards developed for additional electronic products.

Different configurations of a product, as defined in the standards in this family, may include options for processors, memory, hard disks, etc. A product, for the purpose of this family of standards, is every configuration that could be offered in a specific marketing model and chassis type. If ~~there is a~~ specific ~~configuration within a marketing model and chassis type that would change~~ configurations do not meet the ~~environmental performance substantially, especially if that configuration would no longer meet a criterion~~ criteria as declared, then the manufacturer ~~could not claim conformance to this Standard for that configuration, even if the same model in other configurations did conform to this Standard. The manufacturer~~ shall clearly report ~~such special~~ to the Product Registration Entity which configurations ~~that~~ do not ~~conform to~~ meet the ~~Standard to the Product Registration Entity~~ criteria as declared.

A product includes ~~a desktop computer, a notebook computer or monitor,~~ an electronic product and all the peripherals that are integral to its operation. For example, the desktop computer together with the keyboard, the mouse, and the power cord would be a product.

HTML 全文瀏覽(A)

全新互動式閱讀，提升效率



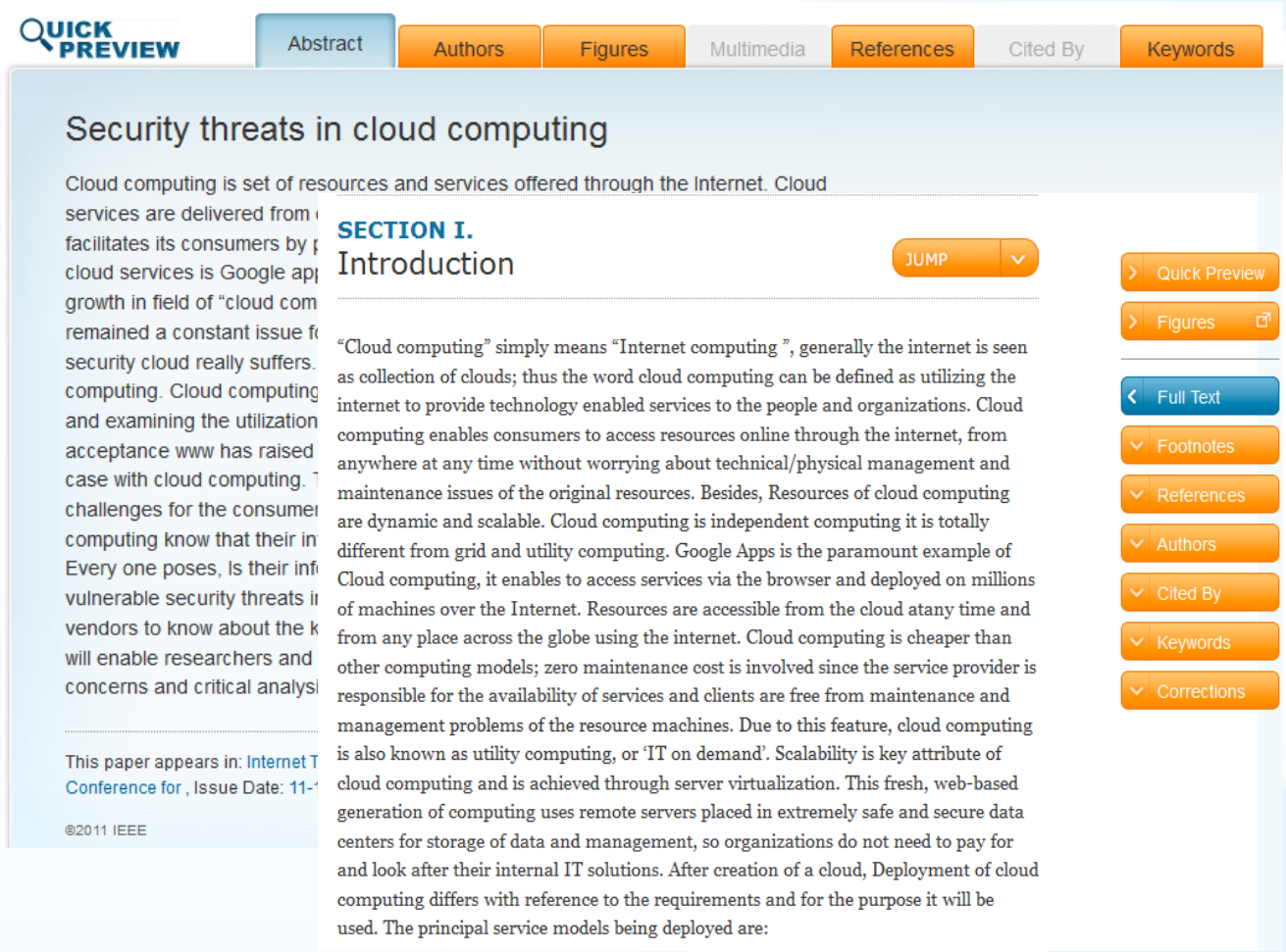
HINTON INFORMATION SERVICES

IEEE

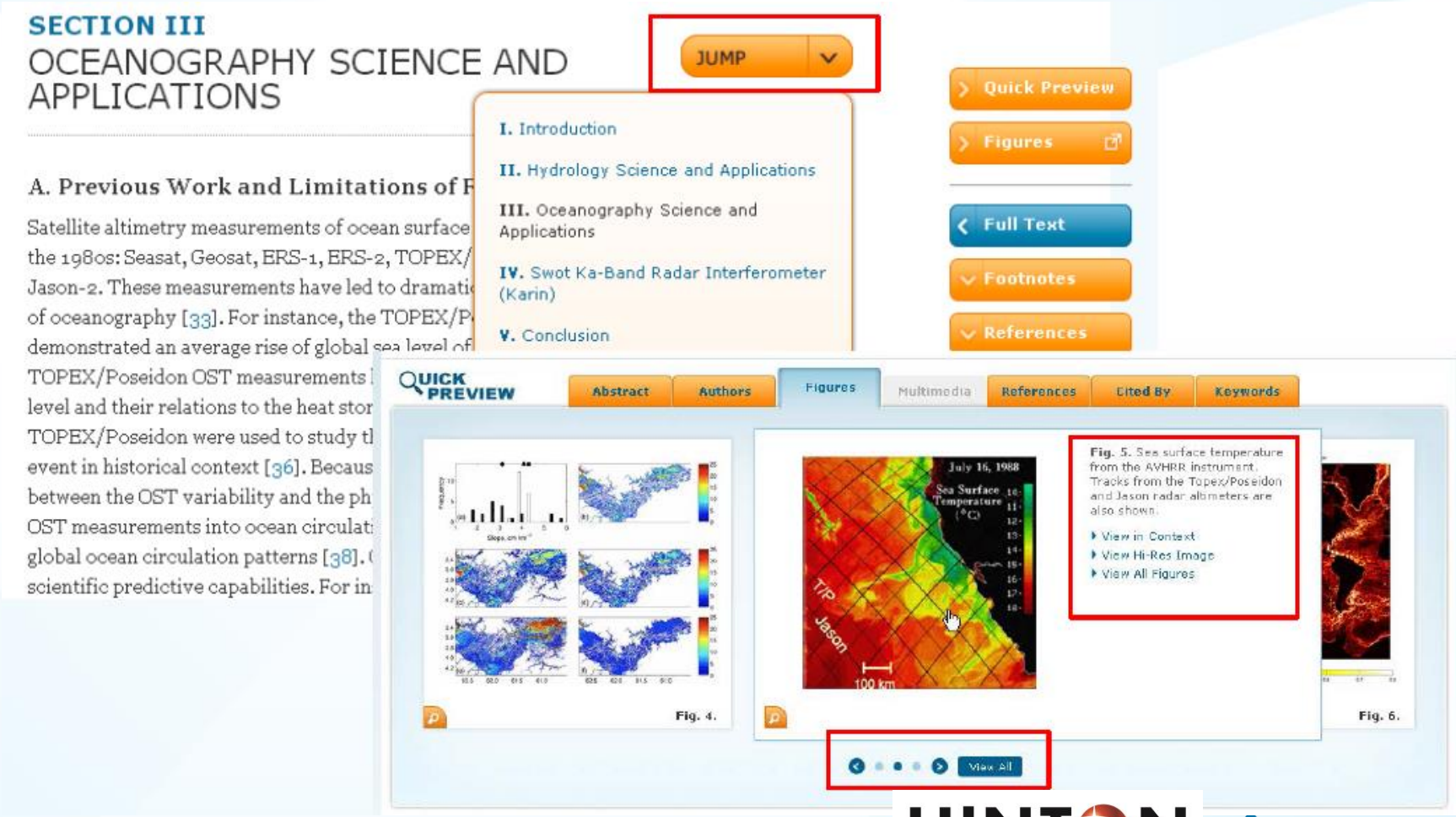
HTML 全文瀏覽(B)

功能總攬:

- 按下「Quick Preview」快速掌握全文關鍵
- 輕鬆瀏覽文章的每個章節
- 毫不費力地找到文中的圖表、圖像、數學公式、引用文獻 、 關鍵字以及各種多媒體檔案
- 運用相關文章推薦，增進研究成果



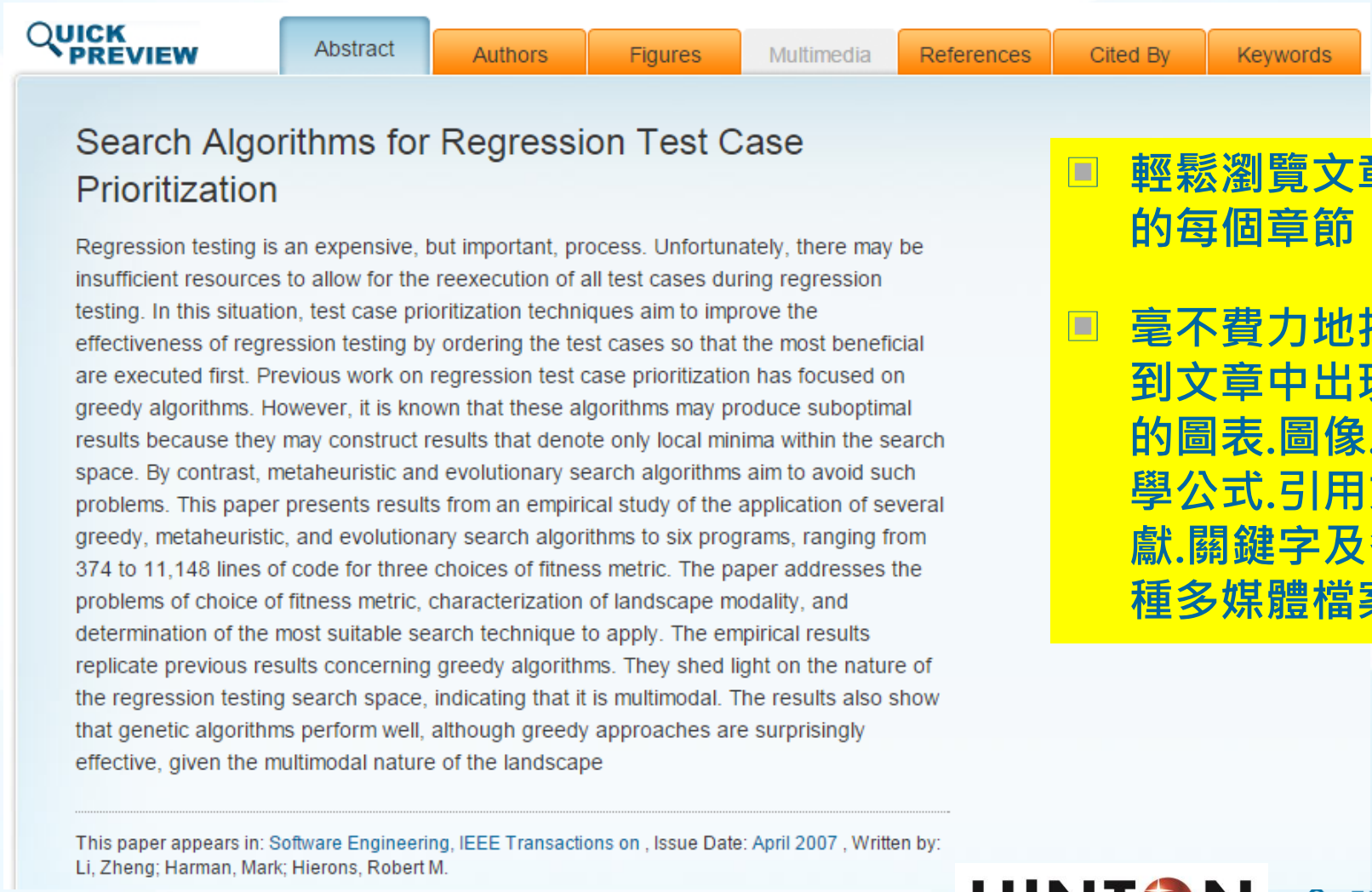
HTML 全文瀏覽(C)



HINTON INFORMATION SERVICES

IEEE

HTML 全文瀏覽(1)



- 輕鬆瀏覽文章的每個章節
- 毫不費力地找到文章中出現的圖表.圖像.數學公式.引用文獻.關鍵字及各種多媒體檔案

HINTON INFORMATION SERVICES

IEEE

HTML 全文瀏覽(2)

QUICK PREVIEW

Abstract | Authors | Figures | Multimedia | References | Cited By | Keywords

Zheng Li

Zheng Li received the degree in computer science in 2004 from the Beijing University of Chemical Technology, China, where healso worked from 1996-2004. In 2005, he joined the software engineering group in the Department of Computer Science at King's College London. Currently, he is a research associate and PhD student, working on the EPSRC project ConTRACTs. His present research interests include search-based ...

▸ More About this Author

Mark Harman

Mark Harman is a professor of software engineering and the head of the Software Engineering Group in the Department of Computer Science, at King's College London, where he also directs the work of the Centre for Research on Evolution, Search and Technology (CREST). He has worked extensively on program slicing, transformation, and testing and more recently, he was instrumental in founding the field ...

▸ More About this Author

Robert M. Hierons

Robert M. Hierons received the BA degree in mathematics (Trinity College, Cambridge) and the PhD degree in computer science (Brunel University). He then joined the Department of Mathematical and Computing Sciences at Goldsmiths College, University of London, before returning to Brunel University in 2000. He was promoted to full professor in 2003.

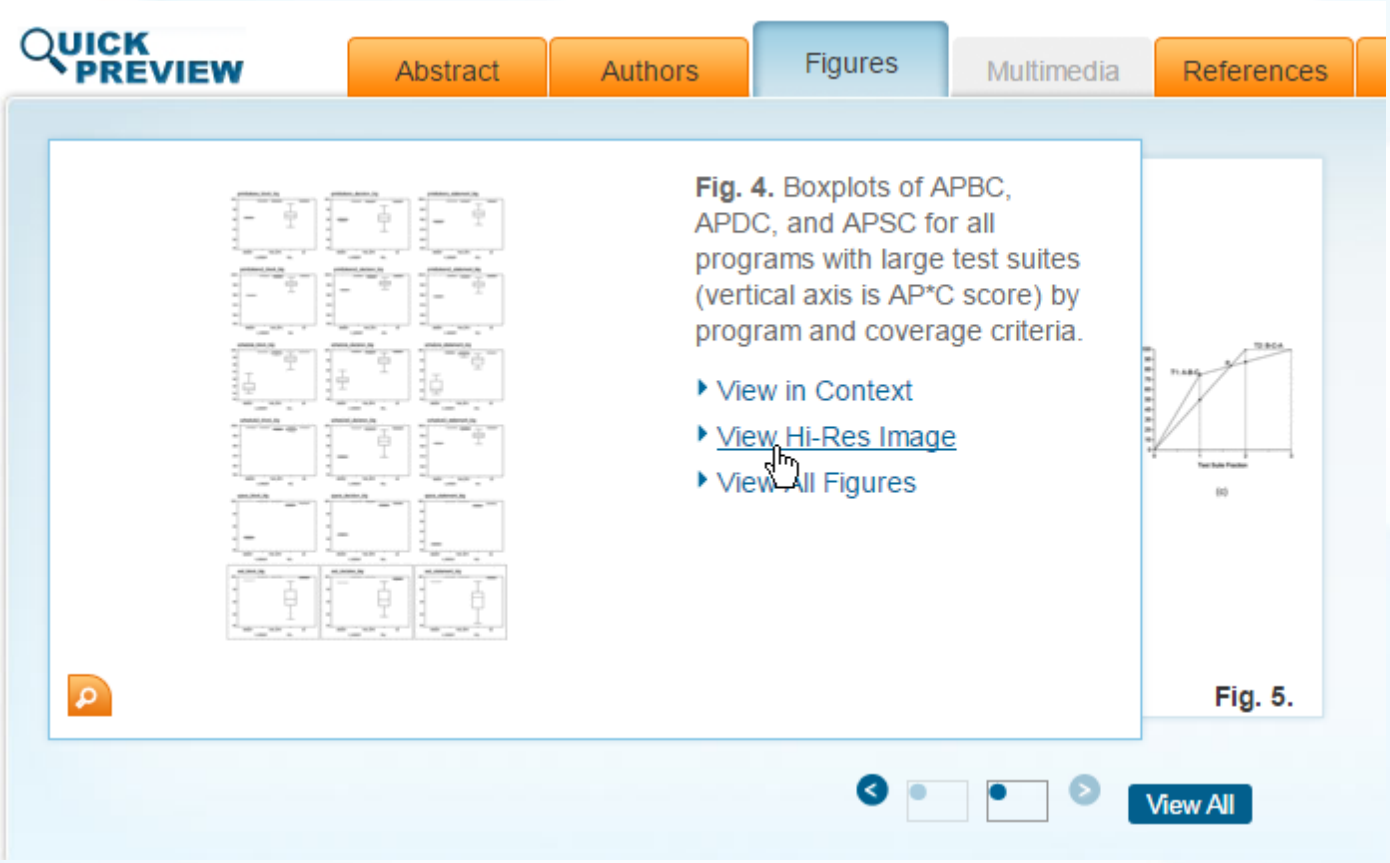
▸ More About this Author

View All

HINTON INFORMATION SERVICES

IEEE

HTML 全文瀏覽(3)


QUICK PREVIEW
Abstract
Authors
Figures
Multimedia
References
Fig. 4. Boxplots of APBC, APDC, and APSC for all programs with large test suites (vertical axis is AP*C score) by program and coverage criteria.
View in Context
View Hi-Res Image
View All Figures
Fig. 5.
View All

HTML 全文瀏覽(4)

Download PDF

This paper appears in:
Software Engineering, IEEE Transactions on

Issue Date:
April 2007

On page(s):
undefined - undefined

ISSN:
0098-5589

INSPEC Accession Number:
9402254

Digital Object Identifier:
10.1109/TSE.2007.38

Date of Current Version:
2007-03-12

Date of Original Publication:
No Data Available

SECTION 1
Introduction

JUMP

Regression testing is a frequently applied but expensive maintenance process that aims to (re)verify modified software. Many approaches for improving the regression testing processes have been investigated. Test case prioritization [17] [18] [22] is one of these ...with highest priority, ...ted first.

18. G. Rothermel, R. Untch, C. Chu, M.J. Harrold, "Prioritizing Test Cases for Regression Testing", IEEE Trans. Software Eng., no.10, pp.929-948, Oct., 2001

View All References | Full Text: PDF

...blem and describe several ...roblem is defined (by

The Test Case Prioritization Problem.

Given: T , a test suite; PT , the set of permutations of T ; f , a function from PT to the real numbers.

Problem: Find $T' \in PT$ such that

$$(\forall\, T''\ (T'' \in PT)\ (T'' \neq T')\ [f(T') \geq (T'')].$$

View Source

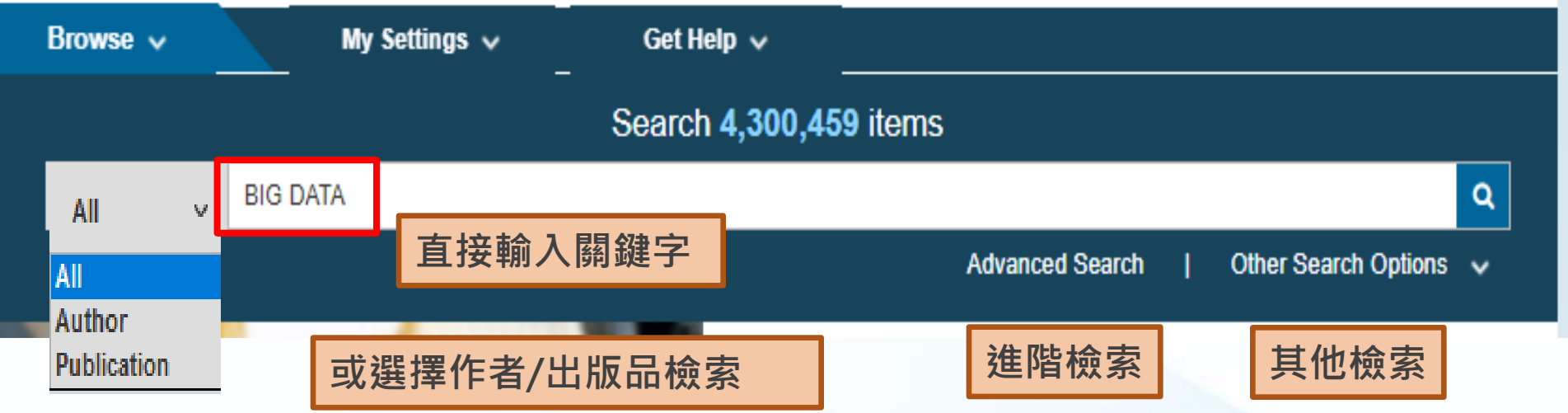
Quick Preview
Figures
Full Text
Footnotes
References
Authors
Cited By
Keywords
Corrections

HINTON INFORMATION SERVICES
IEEE

IEEE Xplore 如何檢索

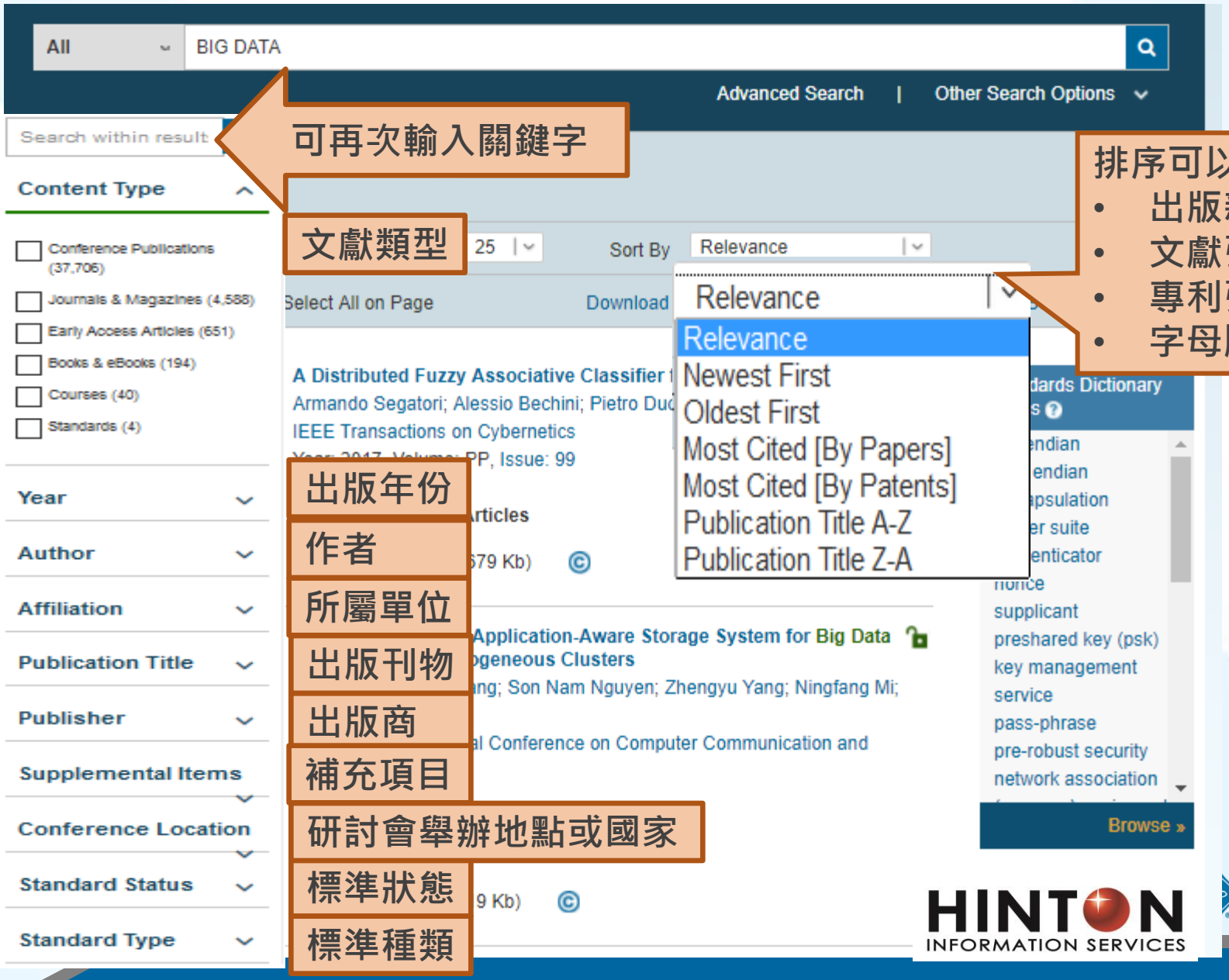
掌握產業趨勢 。 鎖定投稿方向

檢索工具列:



HINTON INFORMATION SERVICES

IEEE


All
BIG DATA
Advanced Search | Other Search Options
Search within result
可再次輸入關鍵字
Content Type
文獻類型
Conference Publications (37,706)
Journals & Magazines (4,588)
Early Access Articles (651)
Books & eBooks (194)
Courses (40)
Standards (4)
Year
出版年份
Author
作者
Affiliation
所屬單位
Publication Title
出版刊物
Publisher
出版商
Supplemental Items
補充項目
Conference Location
研討會舉辦地點或國家
Standard Status
標準狀態
Standard Type
標準種類
25
Sort By
Relevance
Select All on Page
Download
Relevance
Relevance
Newest First
Oldest First
Most Cited [By Papers]
Most Cited [By Patents]
Publication Title A-Z
Publication Title Z-A
排序可以依照
出版新舊
文獻引用程度
專利引用程度
字母順序
A Distributed Fuzzy Associative Classifier
Armando Segatori; Alessio Bechini; Pietro Duc
IEEE Transactions on Cybernetics
Application-Aware Storage System for Big Data
ogeneous Clusters
ng; Son Nam Nguyen; Zhengyu Yang; Ningfang Mi;
l Conference on Computer Communication and
supplicant
preshared key (psk)
key management
service
pass-phrase
pre-robust security
network association
Browse »
HINTON
INFORMATION SERVICES
IEEE

檢索專利訊息

Browse | My Settings | Get Help

All | Cloud Computing

Advanced Search | Other Search Options

Displaying results 1-25 of 43,183 for **Cloud Computing**

Show: All Results | Per Page: 25 | Sort By: Most Cited [By Patents]

- Relevance
- Newest First
- Oldest First
- Most Cited [By Papers]
- Most Cited [By Patents]
- Publication Title A-Z
- Publication Title Z-A

Select All on Page | Download | Search Alerts | Search History

Search within results

Content Type

- Conference Publications (37,706)
- Journals & Magazines (4,588)
- Early Access Articles (651)
- Books & eBooks (194)
- Courses (40)
- Standards (4)

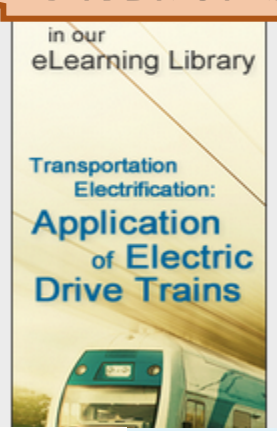
IEEE Standard for a High-Performance Serial Bu
IEEE Std 1394-2008 (Revision of IEEE Std 1394-
Year: 2008
Pages: 1 - 1074
Cited by: Patents (484)
IEEE Standards

Abstract (16426 Kb)

Personal Cloud Computing Security Framework
Sang-Ho Na; Jun-Young Park; Eui-Nam Huh
2010 IEEE Asia-Pacific Services Computing Conference
Year: 2010
Pages: 671 - 675
Cited by: Papers (8) | Patents (44)

專利引用程度

點選Patents



HINTON INFORMATION SERVICES

IEEE

檢索專利訊息

HINTON INFORMATION SERVICES

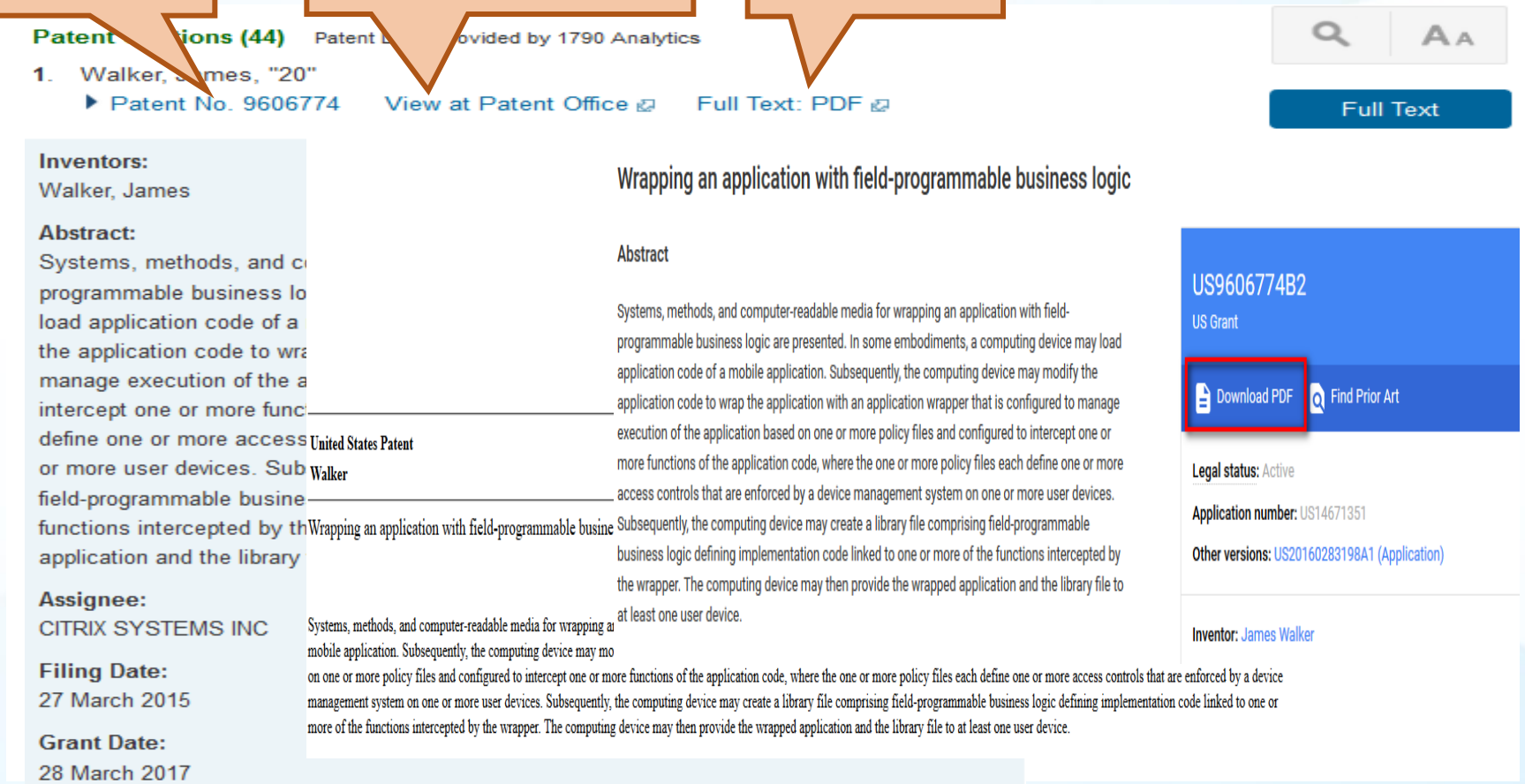
IEEE

檢索專利訊息

點選顯示專利基本資訊

連結到專利組織閱讀完整專利內容

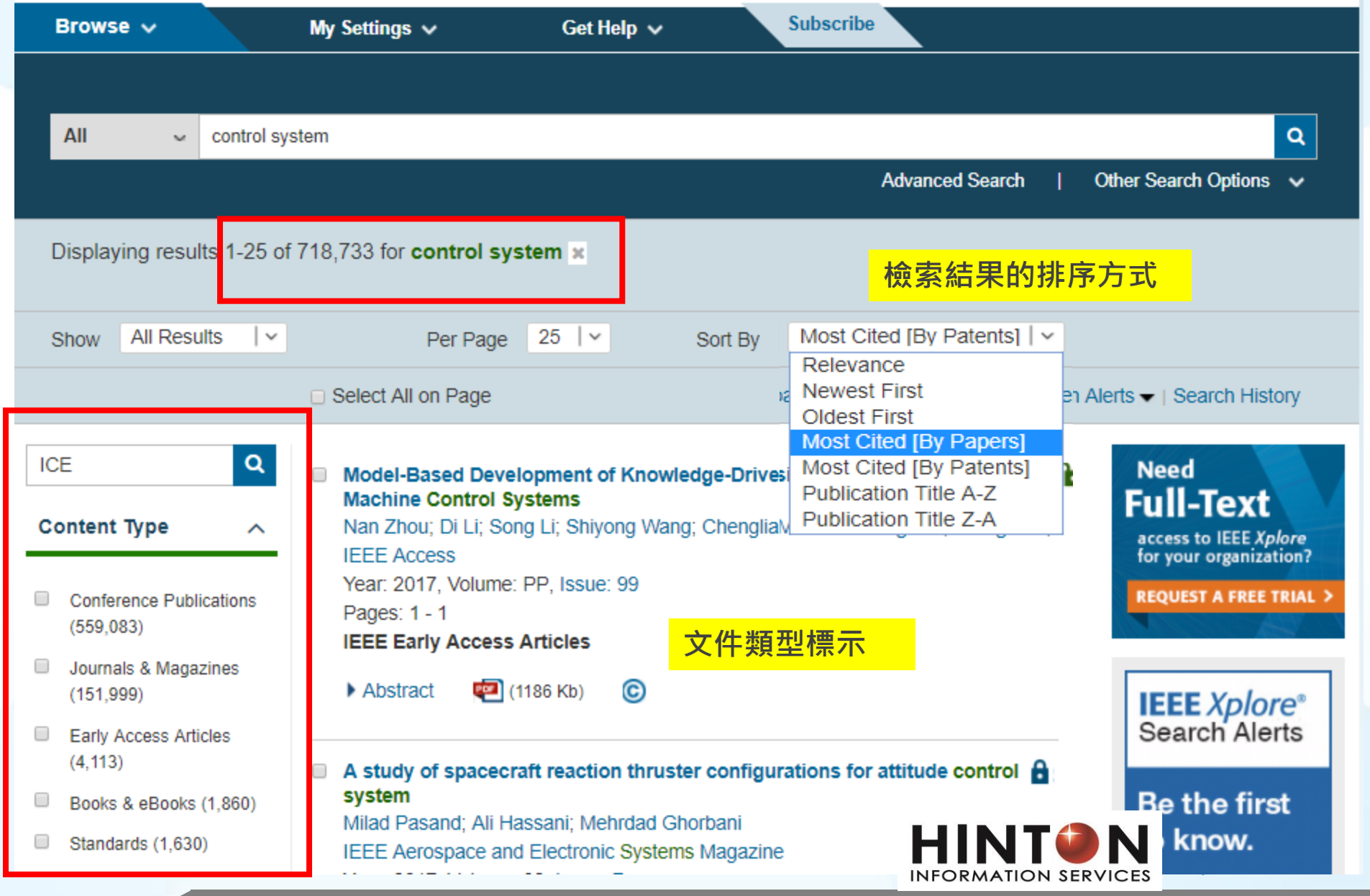
直接下載專利PDF檔



HINTON INFORMATION SERVICES

IEEE

Basic Search 基本檢索



HINTON INFORMATION SERVICES

多重檢索範圍總結

作 者

Author

Enter Author Name

- Frede Blaabjerg (909)
- Wei Wang (790)
- Bo Zhang (676)
- F. C. Lee (566)
- M. Nakaoka (535)

所 屬 單 位

Affiliation

Enter Affiliation

- Jet Propulsion Lab., California Inst. of Technol., Pasadena, CA, USA (120)
- Jet Propulsion Laboratory, California Institute of Technology 4800 Oak Grove Drive, Pasadena, 91109, USA (34)

出 版 品 標 題

Publication Title

Enter Title

- Automatic Control, IEEE Transactions on (18,051)
- Lightwave Technology, Journal of (15,070)
- Industrial Electronics, IEEE Transactions on (4,803)
- Control Systems Technology, IEEE Transactions on (3,620)
- Power Electronics, IEEE Transactions on (3,312)

出 版 商

Publisher

- IEEE (688,384)
- IET (25,253)
- MITP (1,125)
- VDE (851)
- SMPTE (735)
- Nokia Bell Labs (714)
- BIAI (694)
- IBM (489)
- TUP (191)
- AGU (106)
- Morgan & Claypool (75)
- CSEE (47)
- CMP (19)
- URSI (18)
- CES (10)
- CPSS (7)

研討會舉辦地點

Conference Location

Enter Location

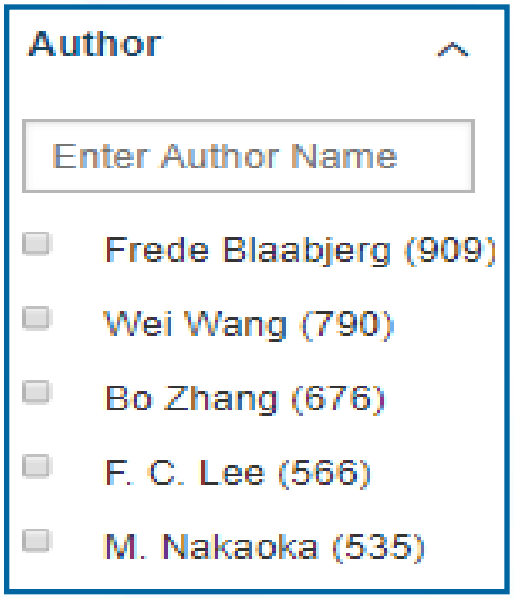
- Beijing (11,658)
- San Diego, CA (8,210
- Wuhan (7,786)
- Shanghai (6,697)
- Orlando, FL (6,563)

更加精確的搜索及利用更多選項來擴大結果

IEEE

作者檢索與分析

快速定位該領域專家



顯示發表文章數量
最高的前25位作者

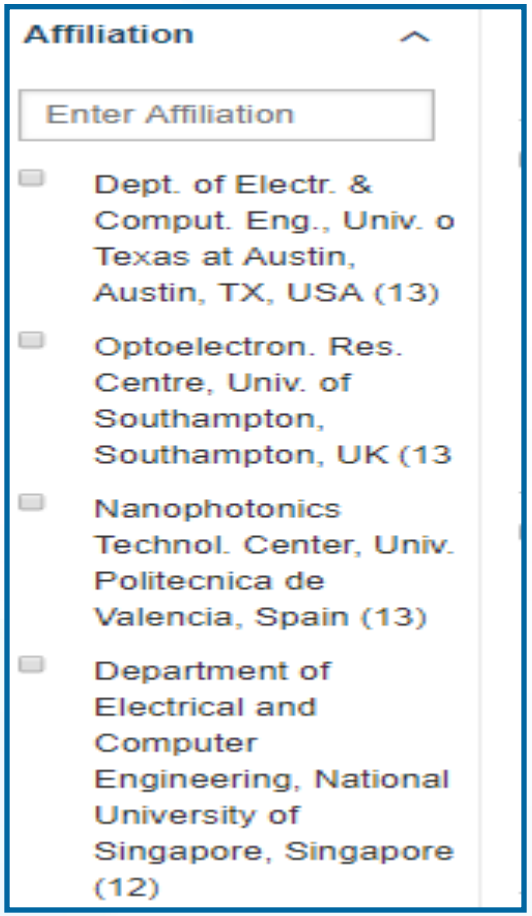
查詢特定作者：
優先使用Last Name

HINTON INFORMATION SERVICES

IEEE

機構檢索與分析

快速定位該領域的領先研究機構；深度了解該關注的研究機構，為申請學校和進入公司做準備



前 25 名
出版機構

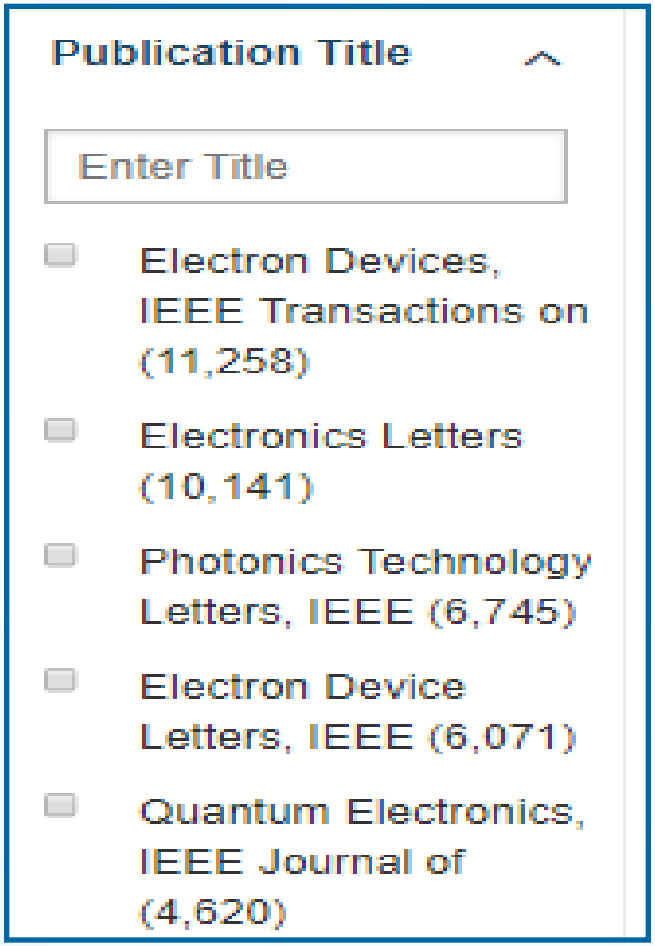
可篩選檢索
機構名和國家名

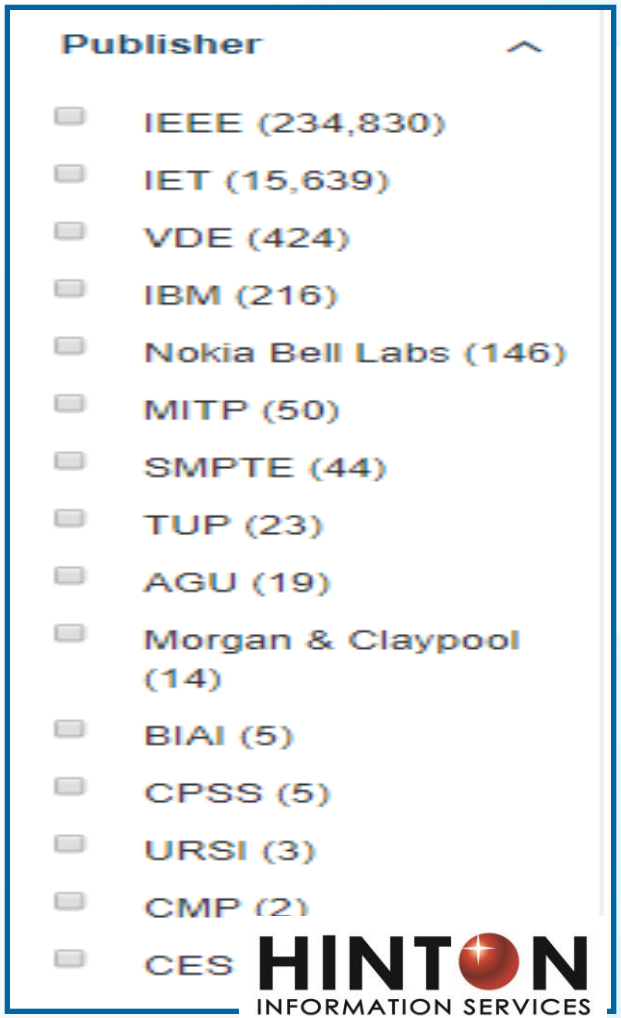
HINTON INFORMATION SERVICES

IEEE

多重縮小檢索範圍

了解哪些期刊、會議可能是投稿對象





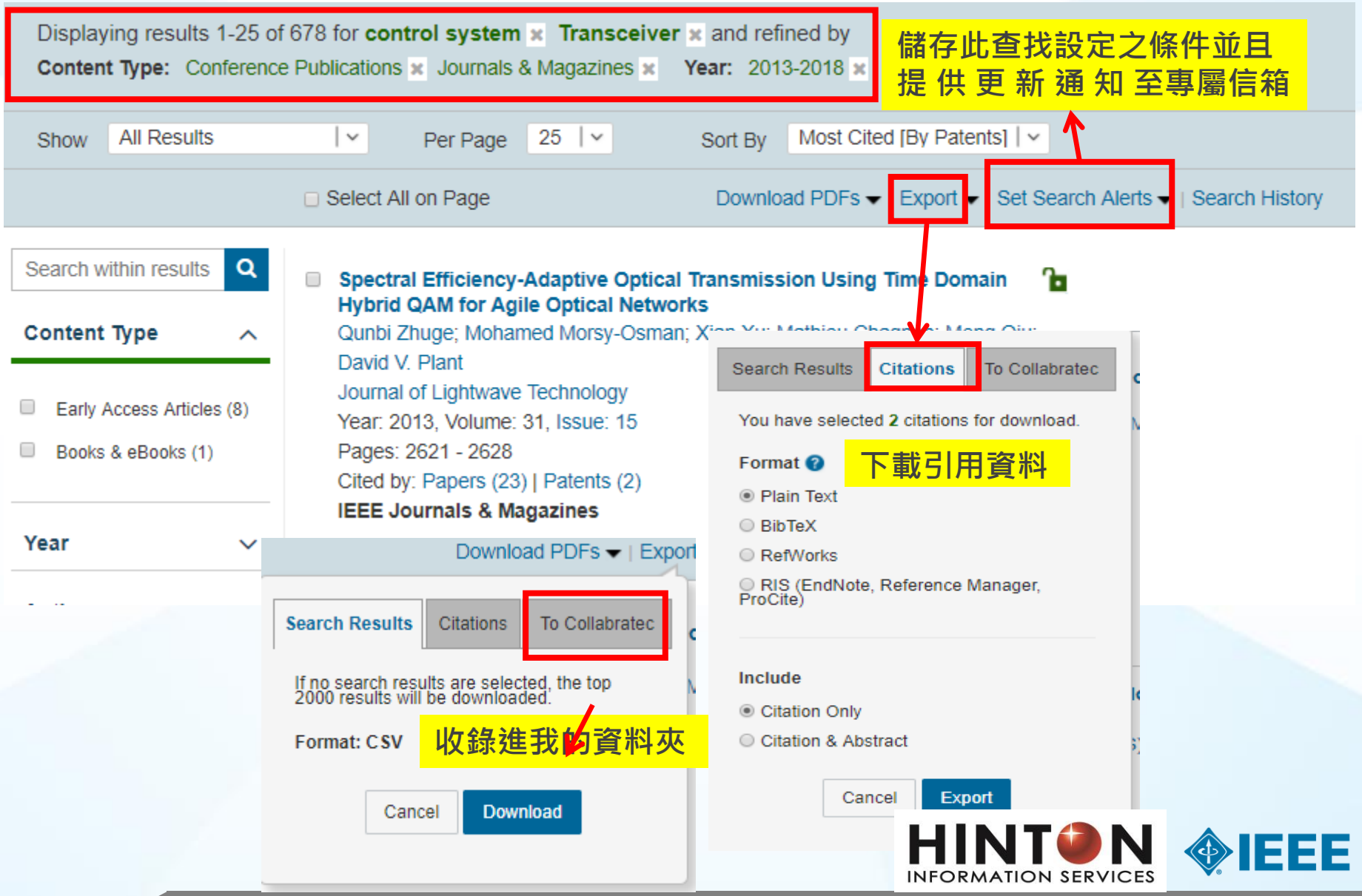
HINTON INFORMATION SERVICES

IEEE

縮小檢索範圍

HINTON INFORMATION SERVICES

縮小檢索範圍



HINTON INFORMATION SERVICES

IEEE

文獻介紹頁面

Spectral Efficiency-Adaptive Optical Transmission Using Time Domain Hybrid QAM for Agile Optical Networks

View Document

24 Paper Citations

2 Patent Citations

530 Full Text Views

Related Articles

Communication channel equalization using complex-valued minimal radial basis fun...

New transport services for next-generation SONET/SDH systems

View All

6 Author(s)

Qunbi Zhuge ; Mohamed Morsy-Osman ; Xian Xu ; Mathieu Chagnon ; Meng Qiu ; David V. Plant

View All Authors

Fig. 1.

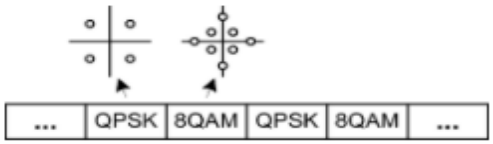
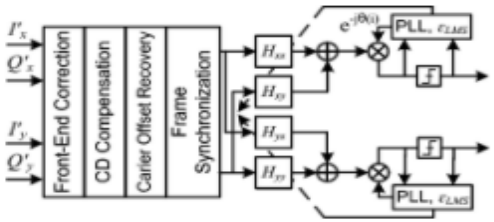


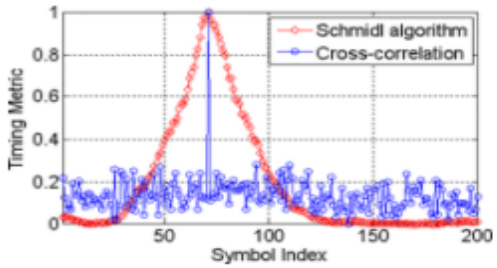
Illustration of the TDHQ frames with QPSK&8QAM(1, 1).

Fig. 2.



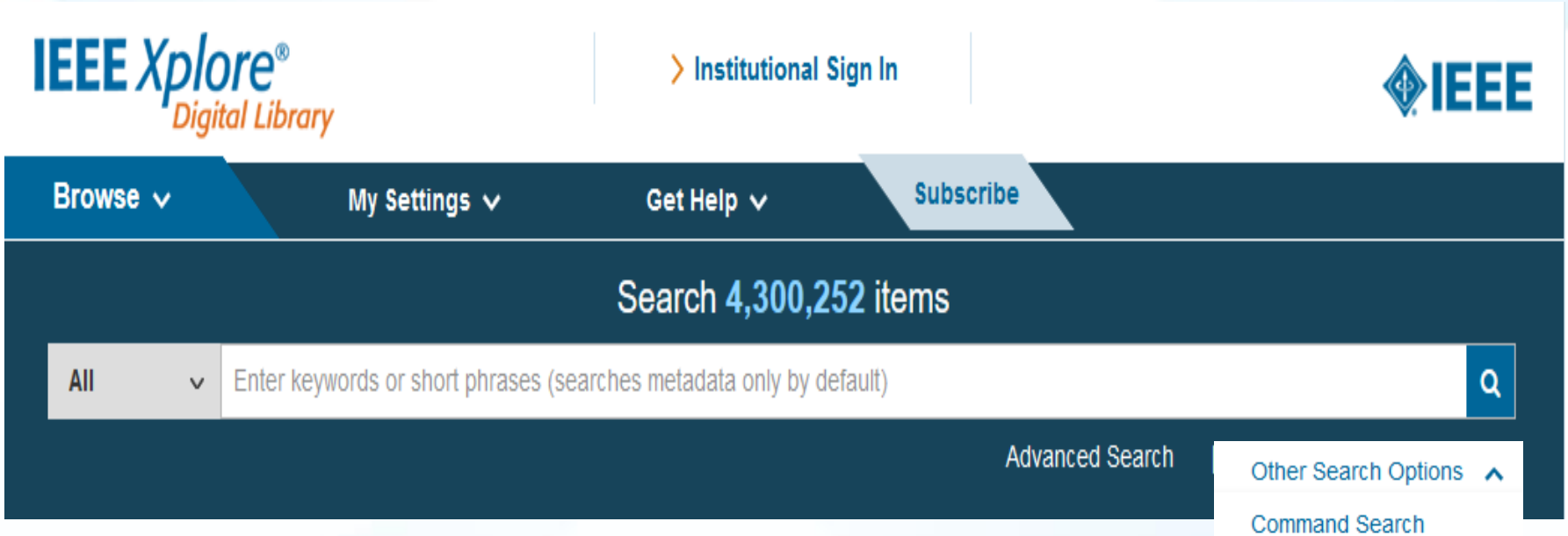
The block diagram of the format-transparent DSP at the receiver.

Fig. 3.



nization methods.

檢索工具列:



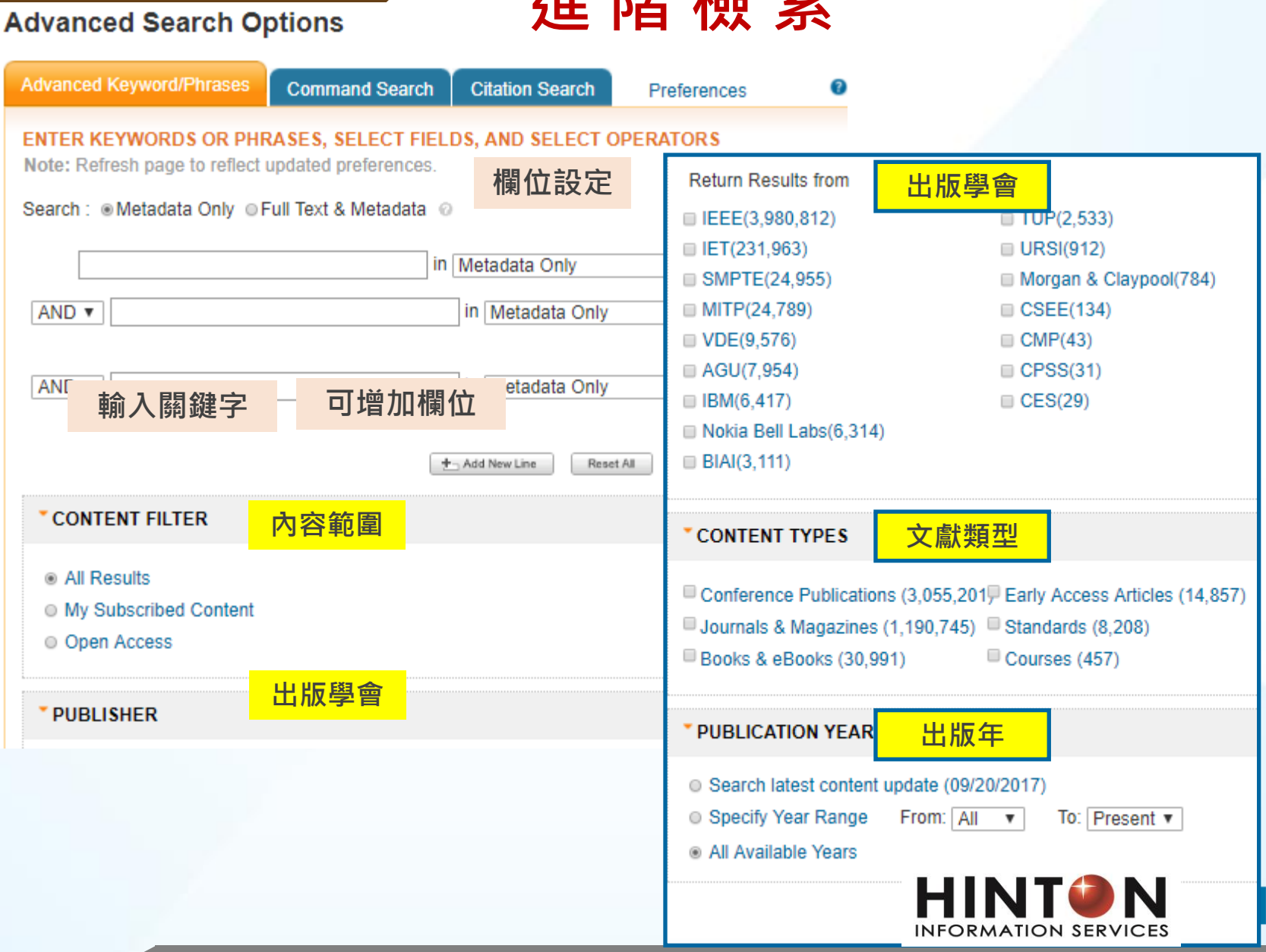
Other Search Options 其他檢索:

1) Command search
2) Citation search
3) Search alerts
4) Search history

HINTON INFORMATION SERVICES

IEEE

進階檢索

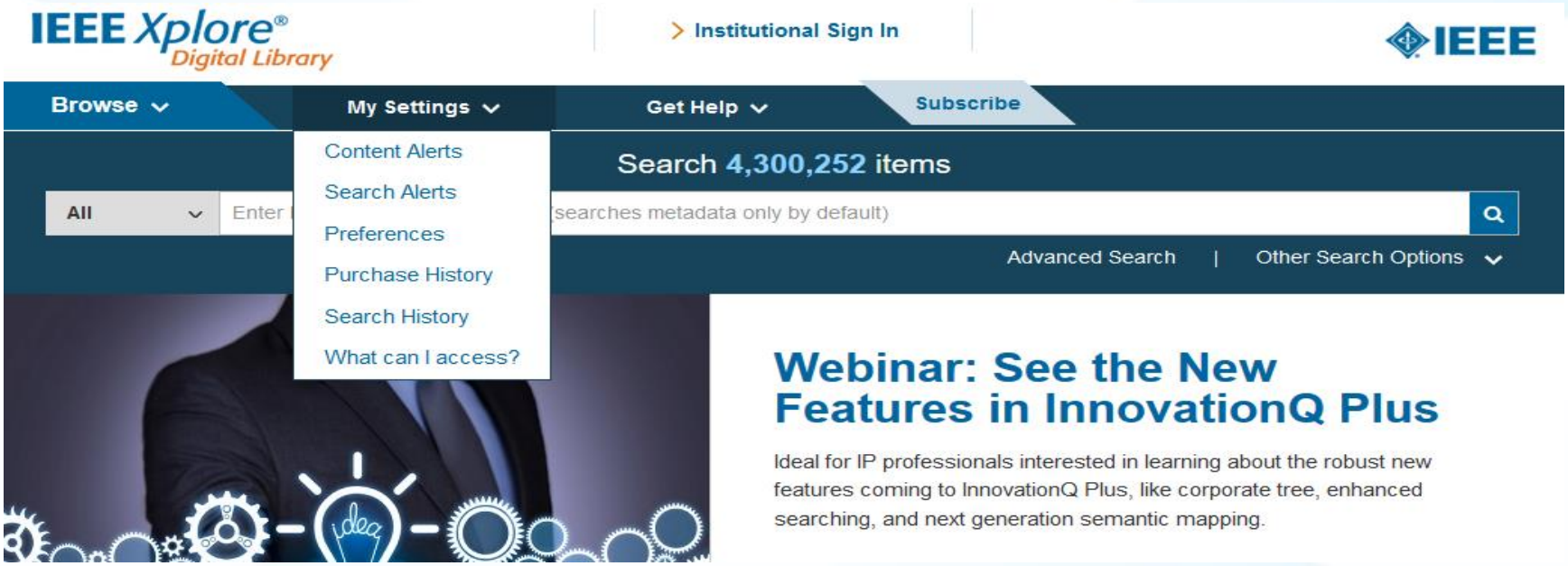


HINTON INFORMATION SERVICES

IEEE

IEEE Xplore 個人偏好設定

個人化設定

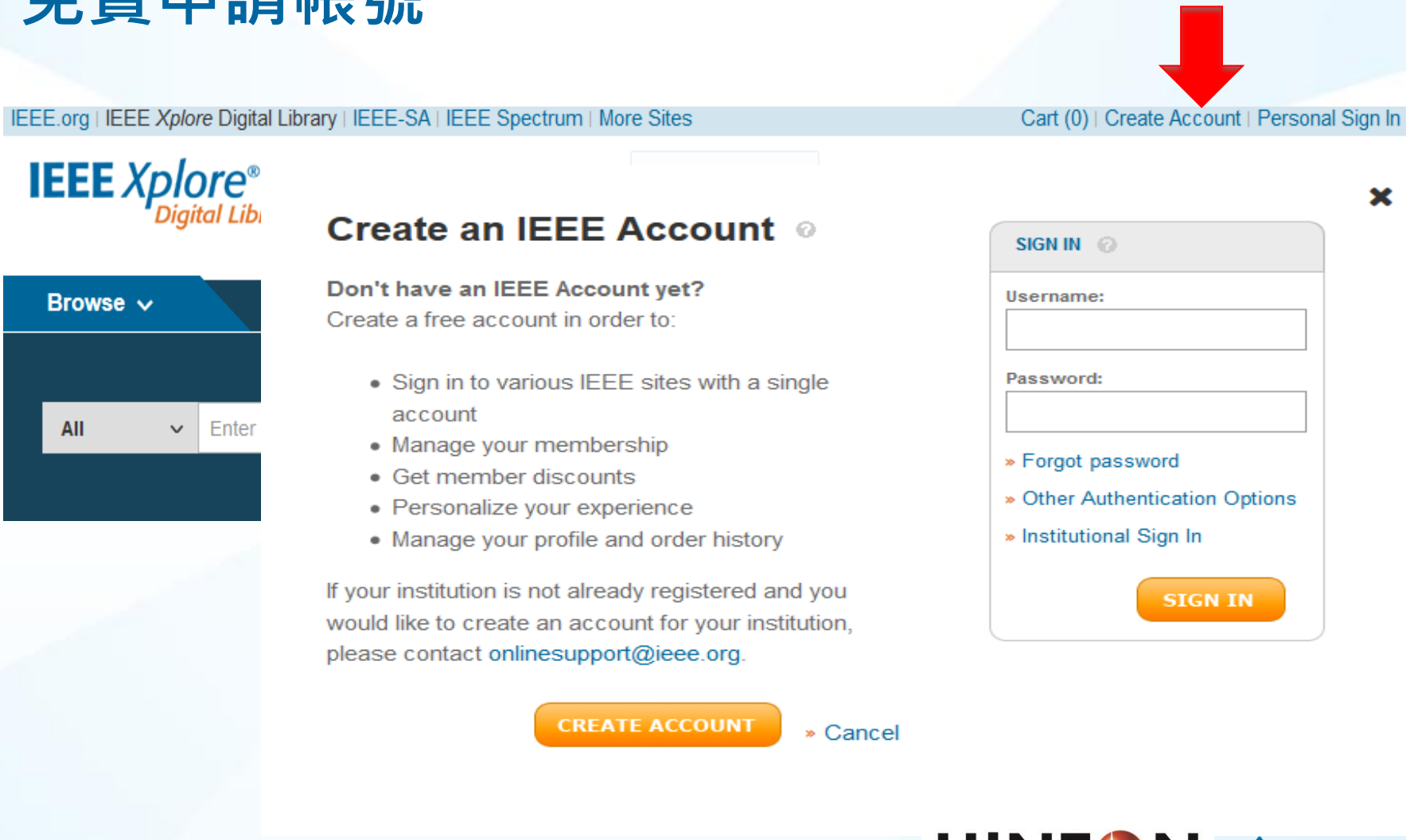


1. 新知快報 (Content Alerts)
2. 檢索結果通知(Searches Alerts)
3. 搜尋偏好 (Preferences)
4. 搜尋紀錄 (Search History)
5. 校內可查看內容(What can I access?)

HINTON INFORMATION SERVICES

IEEE

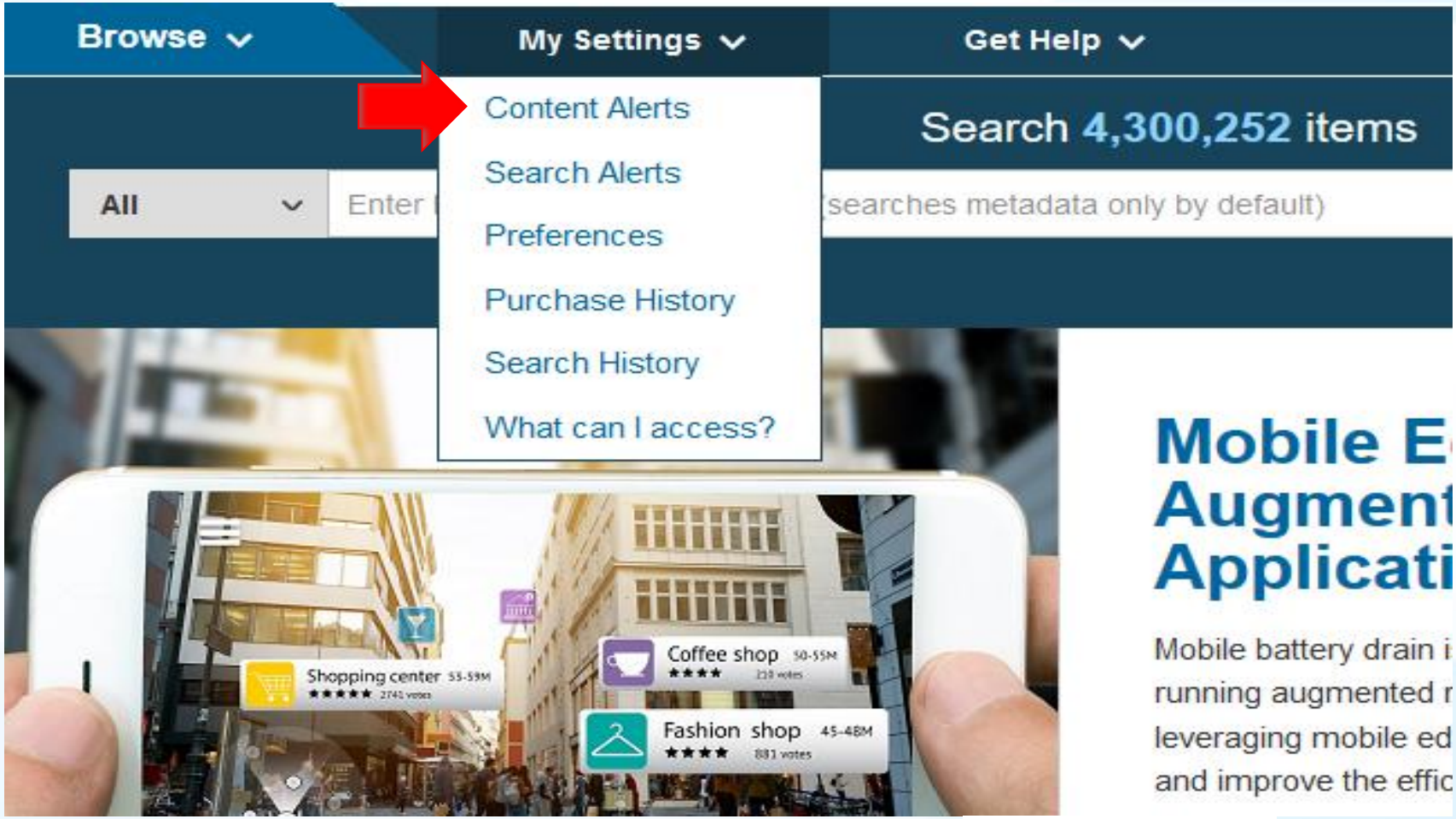
免費申請帳號



HINTON INFORMATION SERVICES

IEEE

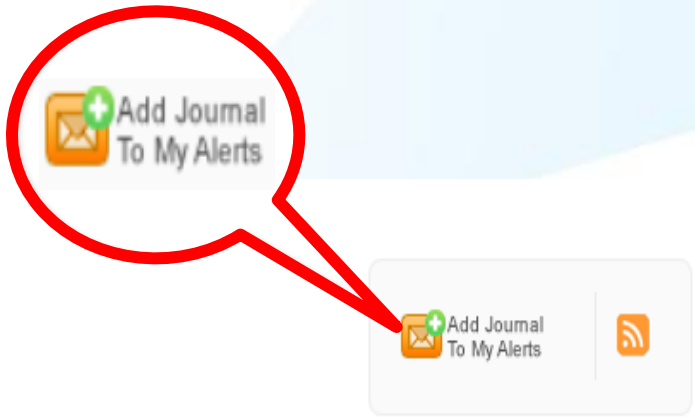
新知快報(Content Alert)



HINTON INFORMATION SERVICES

IEEE

新知快報(Content Alert)



HINTON INFORMATION SERVICES

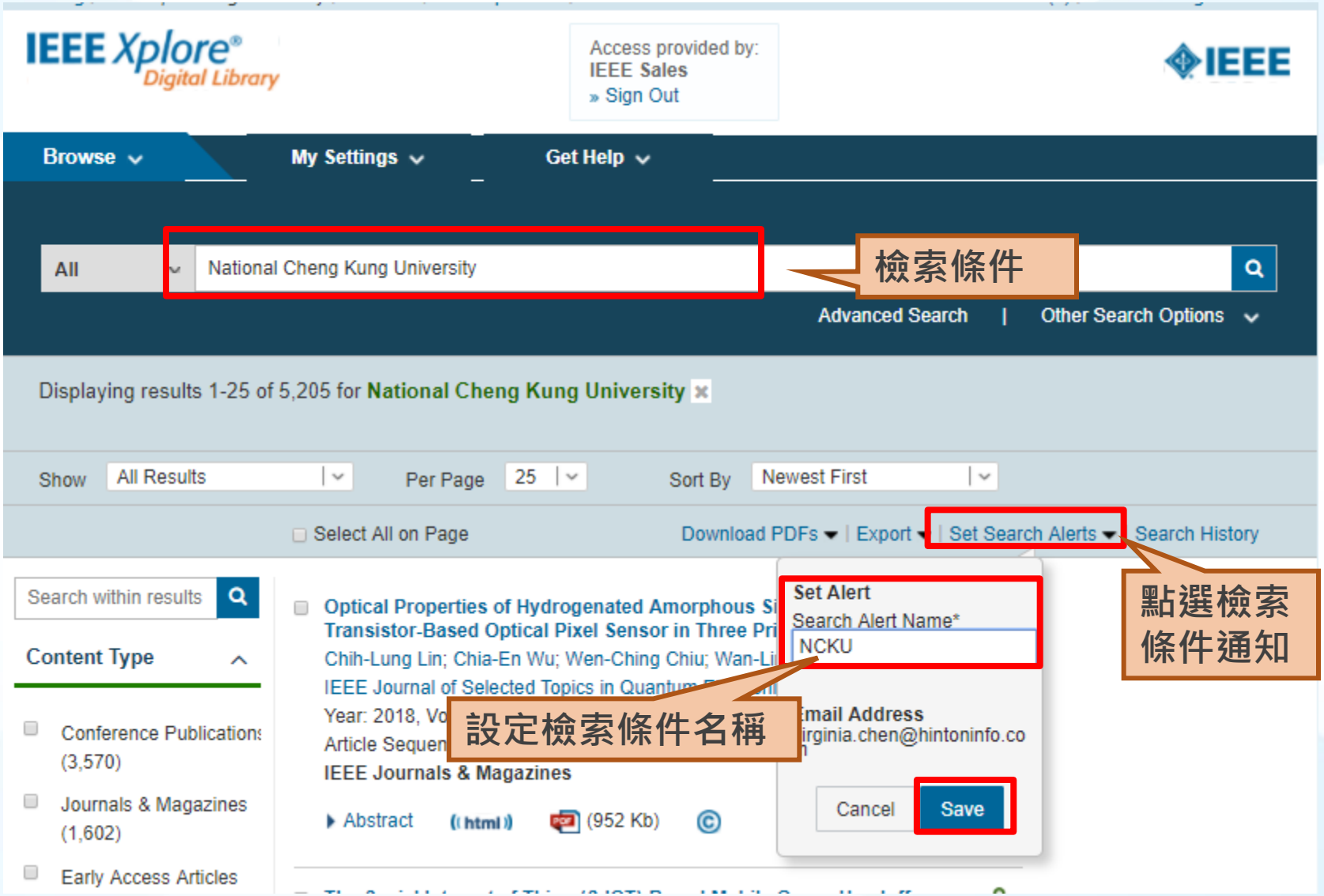
IEEE

檢索條件通知 (Search Alerts)

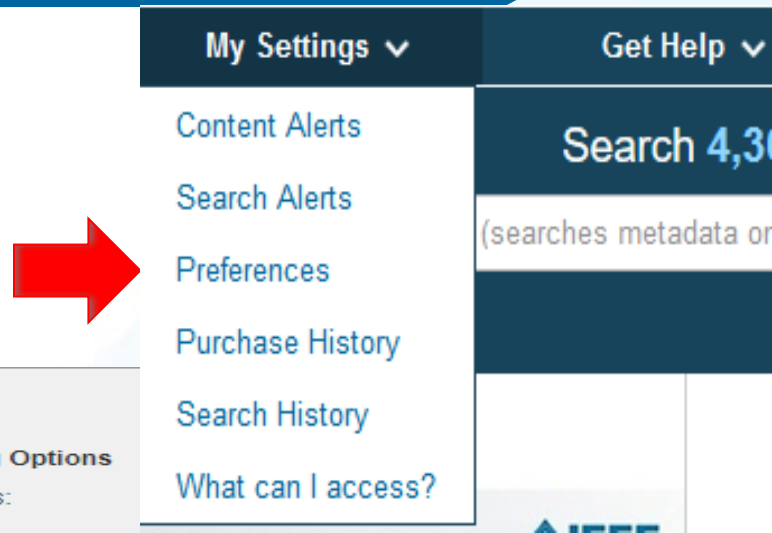
HINTON INFORMATION SERVICES

IEEE

個人化設定(My setting)



檢索偏好 (Preference)



Preferences

Search Options

Search History Recording:
- On
- Off

Publisher:
- All Content
- IEEE Content
- IET Content
- IBM Content
- VDE Content
- TUP Content
- BIAI Content
- MITP Content
- Nokia Bell Labs Content
- Morgan & Claypool

Display Options for Search Results

Results Layout:
- Title Only
- Title & Citation (Default)
- Title, Citation & Abstract

Results per Page: 25

Sort By: Newest First

Download Options

Bibliographic Citation Format Include:
- Citation Only
- Citation & Abstract

Format:
- Plain Text
- BibTeX
- RefWorks
- EndNote, ProCite, RefMan

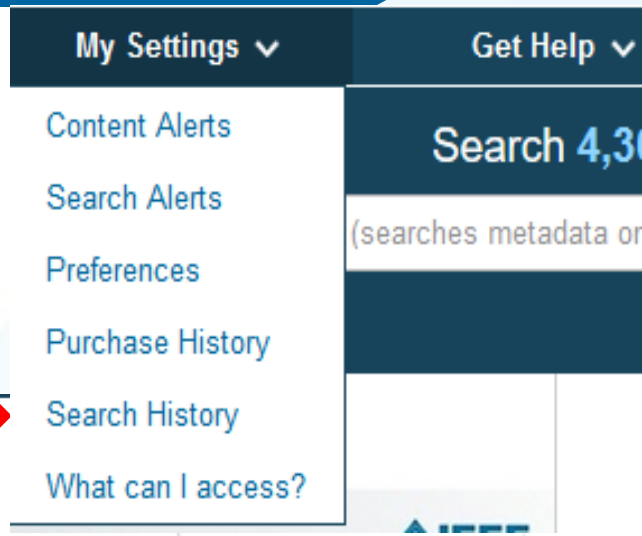
Email Setting Options

Email Address: virginia.chen@hintoninfo.com

This will only be used for receiving e-mail alerts from IEEE Xplore. Changing this will not affect the e-mail address associated with your IEEE Account.

Email Format:
- Plain Text
- HTML

檢索紀錄 (Search History)



Search History

Search History provides an authoritative record of your queries.
You can:

- rerun, modify, and combine previous searches
- review refinements and other details of a previous search
- store up to 50 previous searches on your account

Select multiple searches to combine them together.

Search History Recording: ON
(Modify settings in your preferences)

#	Search Query	Details
37	big data, Image Sensors	456 Metadata Sep. 22, 2017 14:12 UTC
18	artificial intellegent & diganosis	49887 Metadata Jul. 19, 2017 17:19 UTC

Only the most recent 50 searches are displayed

Searches including "NEAR" or "ONEAR" operators cannot be combined

50 Keyword limit for combined searches

5 Wildcard limit for combined searches

Search alerts are not available for combined searches

IEEE

三大關鍵收穫

1. **正確使用合法授權的參考文獻**
2. **跟著IEEE Xplore® Digital library，掌握370+萬篇學術與產界權威資訊，與國際接軌：**

   1) 期刊雜誌 2)會議論文 3)技術標準 4)電子書

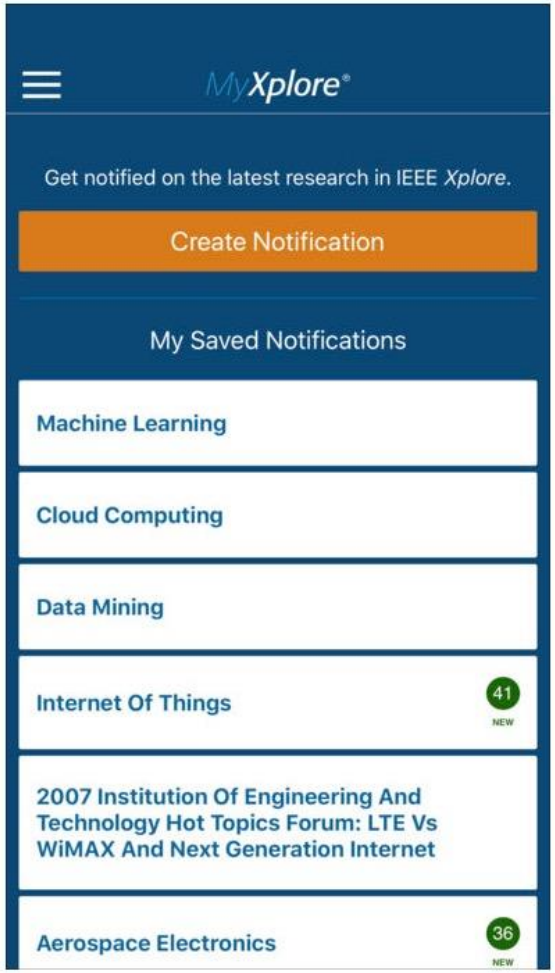
3. **運用平台 3 大功能，協助縮短資料搜尋時間，進而提升研究質量：**

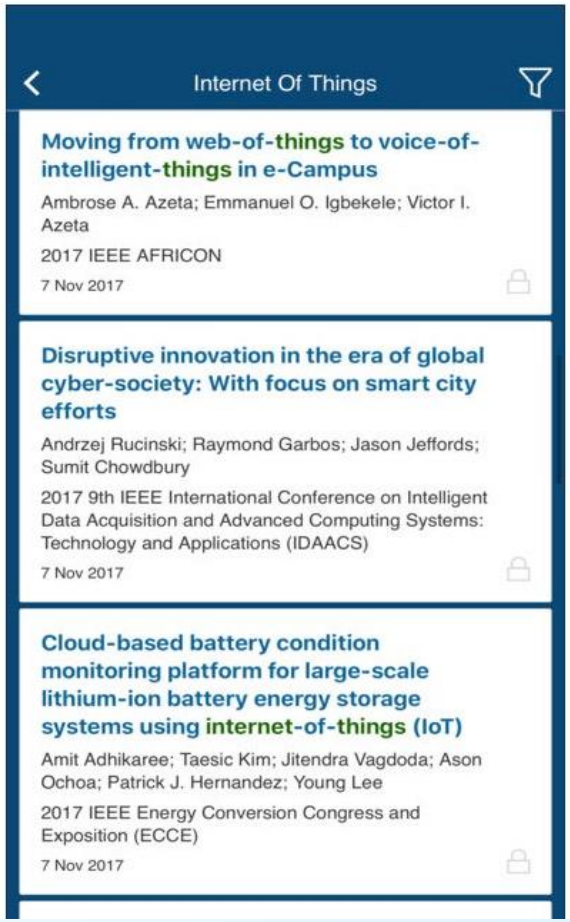
1) 瀏覽功能：單一平台，得到多元訊息
2) 5 種檢索功能：快速鎖定目標，不再大海撈針
3) 個人化設定：為自己建立專屬的IEEE Xplore®平台

My Xplore" App

Download on the App Store

GET IT ON Google Play





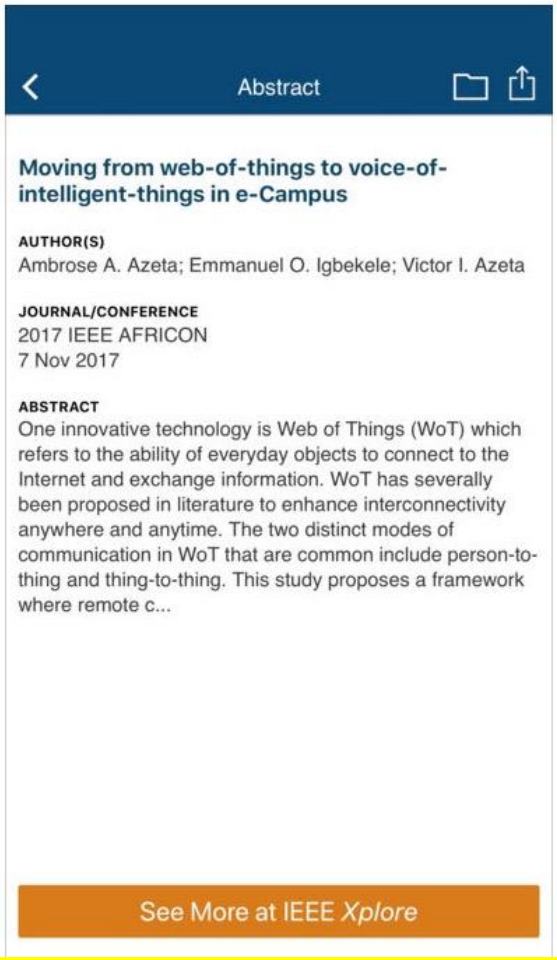
在平板裝置或手機上也可以使用相同之查找檢索功能。

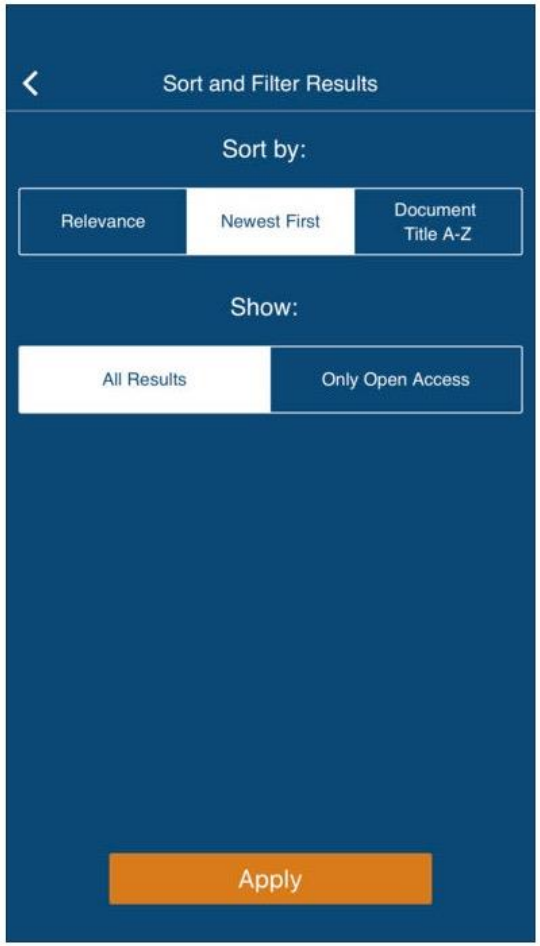
IEEE

My Xplore" App

Download on the App Store

GET IT ON Google Play





在平板裝置或手機上也可以使用相同之查找檢索功能。

IEEE

QUIZS : Search IEL - IEEE Xplore

導航系統： Navigation System	智慧控制 Intelligent Control	光纖網路： Optical Networks
社群網路分析： Social Network Analysis	流體力學： Fluid mechanics	綠色能源開發： Green-Energy Exploration
資料探勘： Data mining	半導體裝置： Semiconductor Devices	生物識別系統： Biometric Systems
智慧型遠端監控： Smart Remote Monitoring	無人飛機：UAV 衛星定位系統：GPS	雷達感測技術： Radar Sensing Technology
醫療科技輔具： Medical Assistive Tech	視訊處理： Video processing	衛星通訊 Satellite Communication

HINTON INFORMATION SERVICES

IEEE

QUIZS : Search IEL - IEEE Xplore

人工智慧 : Artificial intelligence	燃料電池 : Fuel cell	光纖通訊 Fiber Optic Communication
嵌入式系統 : Embedded System	智慧電網 : Smart grid	有機發光二極體 : OLED : Light-emitting diode
有機光電元件 : OLED, Solar Cell	馬達驅動 : Motor drive	軌道電力系統 : Railway Power System
天線工程 Antenna Engineering	無線射頻辨識 : RFID	光纖雷射 / 光纖感測 : Fiber laser / Fiber Sensing
紅外線技術 : Infrared Technology	紅外線技術 : Infrared Technology	超大型積體電路 : (VLSI) Very-Large-Scale integration

HINTON INFORMATION SERVICES

IEEE

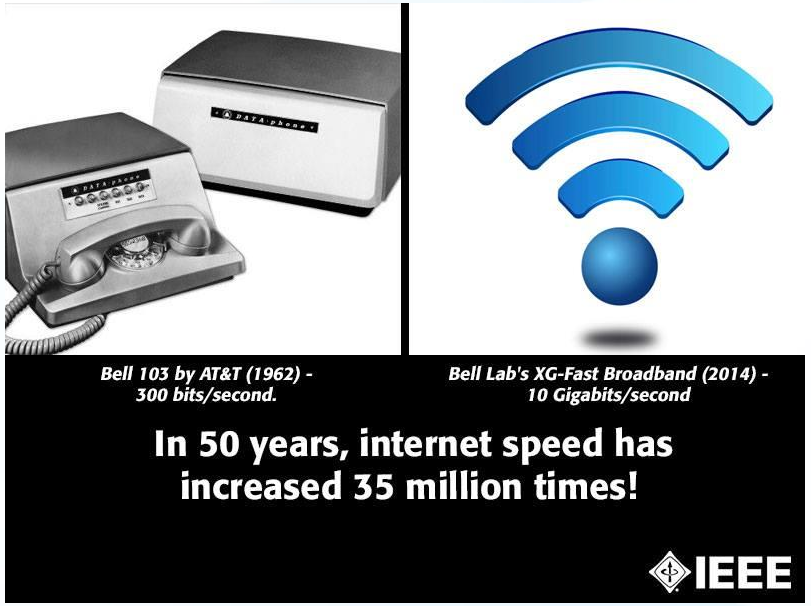
操作練習: 瀏覽功能

1. 利用瀏覽功能，找 Engine 相關的期刊，查看2016年-2017年最新出版的文獻
2. 請辨別以下圖示:

PDF

html

Citation Map



HINTON INFORMATION SERVICES

IEEE

操作練習: 檢索功能

1. 用檢索功能，找關鍵字 Power 或 Energy 的文獻，查找被專利引用次數最高的文獻

2. 請開啟相關文章並下載：

PDF

html

3. 滾雪球研究： Citation Map 相關文獻瀏覽

HINTON INFORMATION SERVICES

IEEE

Questions?

涵堂資訊有限公司 陳佳慧 Virginia
Tel: (06) 209-2707 ext. 611
Fax: (06) 209-2717
Email: service@hintoninfo.com

IEEE 全新專利檢索與分析平臺 - InnovationQ Plus

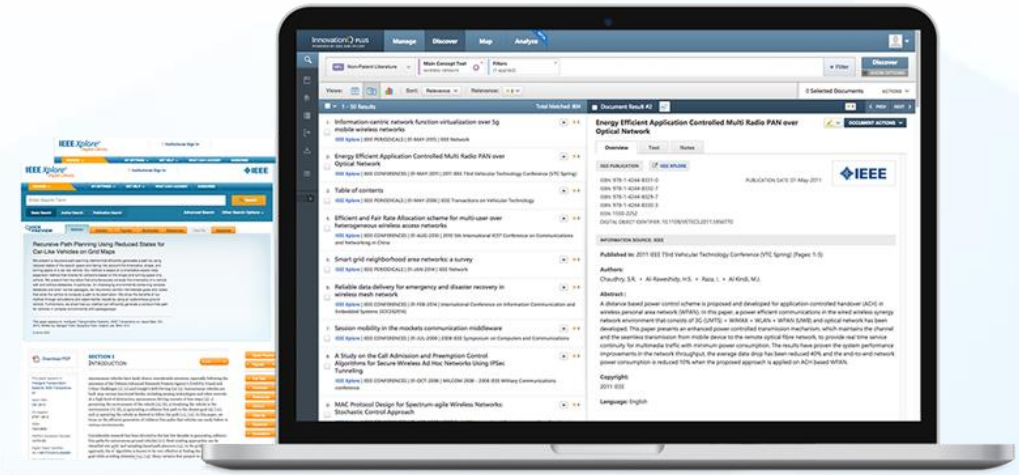
InnovationQ Plus 收錄內容

- IEEE與IP.com合作的創新專利檢索與分析平臺
- 智慧語義檢索全球專利以及IEEE全文資料庫.內容包括:
  - 近4百萬的IEEE期刊、會議和標準文檔
  - 來自34個機構的9千多萬全球專利與專利申請全文
  - IP.com現有技術資料庫（全球最大最早的防禦性技術披露資料庫）
  - 大專校院可授權移轉技術
  - 其他非專利文獻(如Pub Med, IETF)
- 為公司智慧財產權部、專利事務所及大專校院產學處.技轉中心.量身定制

IEEE

一站式檢索平臺 無縫連結IEEE*Xplore*

- 獨立於IEEE*Xplore*，與IEEE *Xplore*無縫連結
- 現有IEEE*Xplore*使用者可直接連結獲取IEEE期刊、會議與標準全文
- 由IP.com語義認知檢索引擎專利技術驅動
- 快速從海量資料中挖掘精准潛在資訊



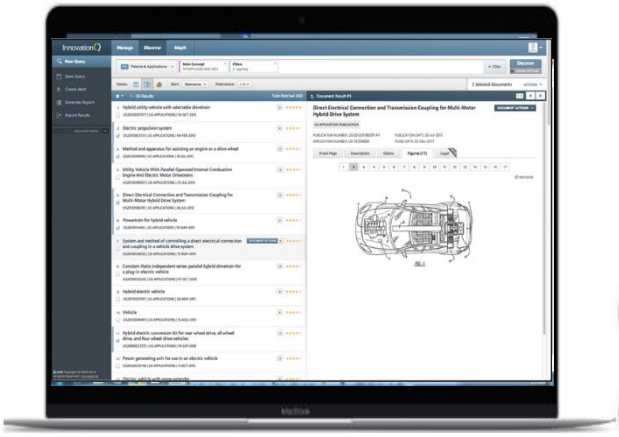
InnovationQ Plus 特色

非專利文獻全文檢索

唯一整合了IEEE等非專利全文文獻的專利檢索工具

語義檢索專利技術

該檢索引擎使用機器學習技術深度挖掘複雜專利與技術文檔隱藏的資訊，支援高效現有技術檢索

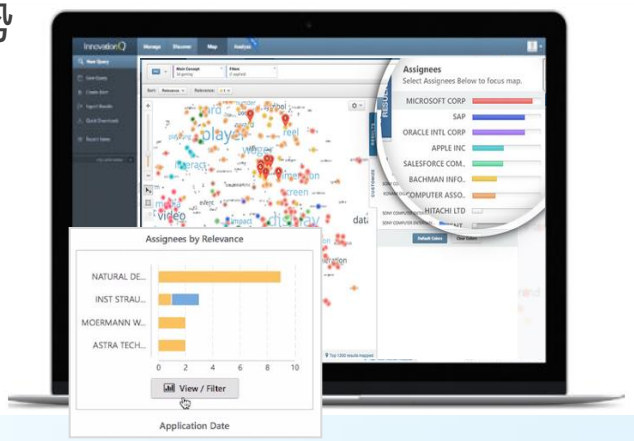


多維視覺化分析

提供視覺化分析範本及自訂功能揭示技術全景和競爭態勢

專利地圖揭示深層概念

基於語義相關性的文獻聚類形成特色專利地圖，更容易識別潛在市場機會



嵌入專利事務工作流程

團隊合作工具、保存結果、下載全文等

基於語義分析的檢索平臺

ALL=(surgical OR curve OR segment) AND suture AND (((intervertebral OR cutting OR member OR arcuate OR guide) NEAR5 (bone OR seal)) SAME (tissure OR jaw*)) AND (Instrument OR
cannula*1) AND DP>=(19930101) AND IC=(H01L 39/02 OR H01L
39/12 OR H01F 38/14)

A surgical cannula with curved segments used to guide a medical instrument through a curved or bowed path

從布林檢索到語義檢索

以任意自然語句或文檔開始檢索

Personal identification based on iris texture analysis

Sign In or Purchase
to View Full Text

403
Paper
Citations

28
Patent
Citations

2845
Full
Text Views

Related Articles

Online palmprint identification

A human identification technique using images of the iris and wavelet transform

Statistical modeling of complex backgrounds for foreground object detection

View All

4
Author(s)

Li Ma ; Tieniu Tan ; Yunhong Wang ; Dexin Zhang

View All Authors

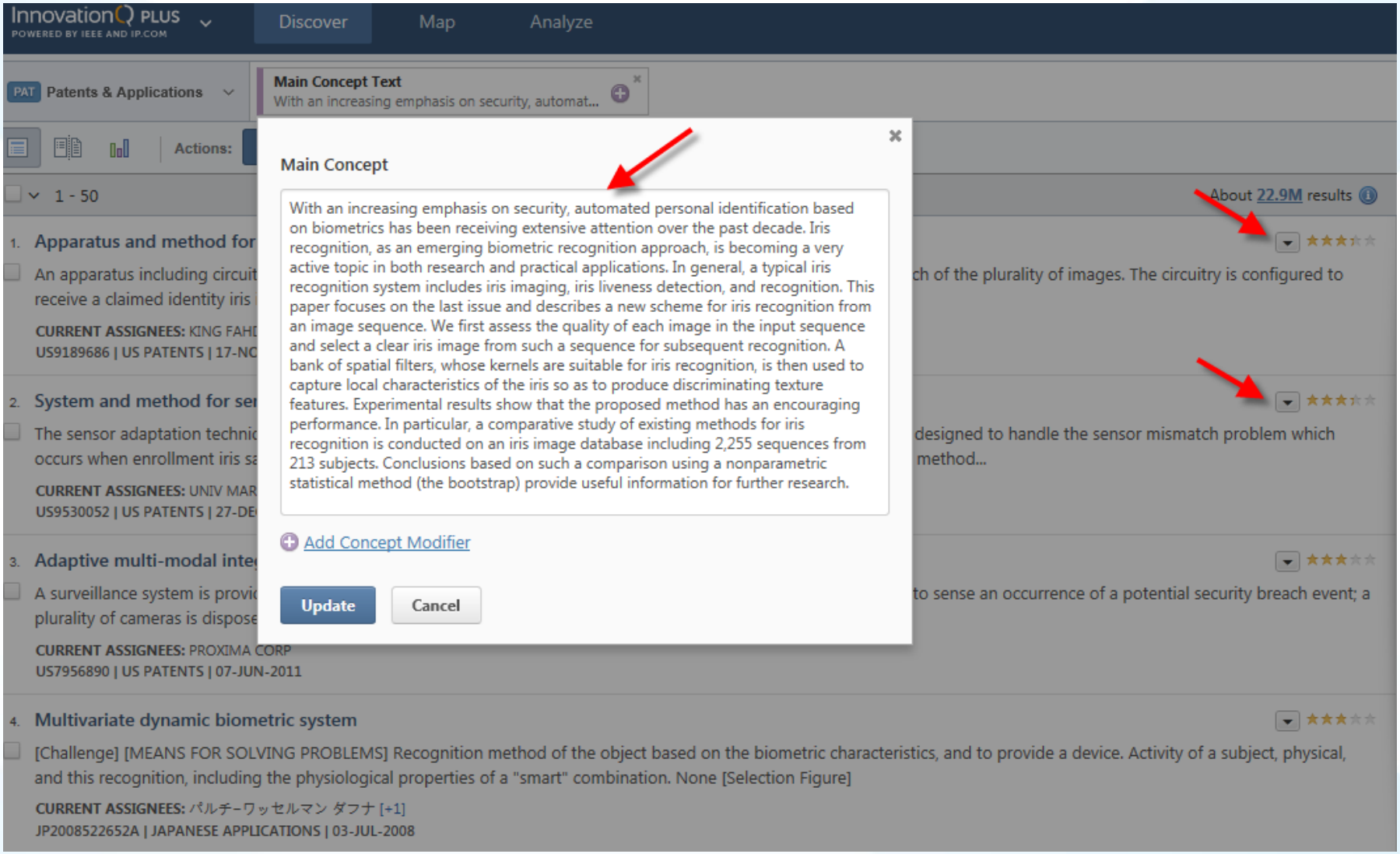
截取任意一篇文檔的關鍵技術部分

Abstract | Authors | Figures | References | Citations | Keywords | Metrics | Media

Abstract:

With an increasing emphasis on security, automated personal identification based on biometrics has been receiving extensive attention over the past decade. Iris recognition, as an emerging biometric recognition approach, is becoming a very active topic in both research and practical applications. In general, a typical iris recognition system includes iris imaging, iris liveness detection, and recognition. This paper focuses on the last issue and describes a new scheme for iris recognition from an image sequence. We first assess the quality of each image in the input sequence and select a clear iris image from such a sequence for subsequent recognition. A bank of spatial filters, whose kernels are suitable for iris recognition, is then used to capture local characteristics of the iris so as to produce discriminating texture features. Experimental results show that the proposed method has an encouraging performance. In particular, a comparative study of existing methods for iris recognition is conducted on an iris image database including 2,255 sequences from 213 subjects. Conclusions based on such a comparison using a nonparametric statistical method (the bootstrap) provide useful information for further research.

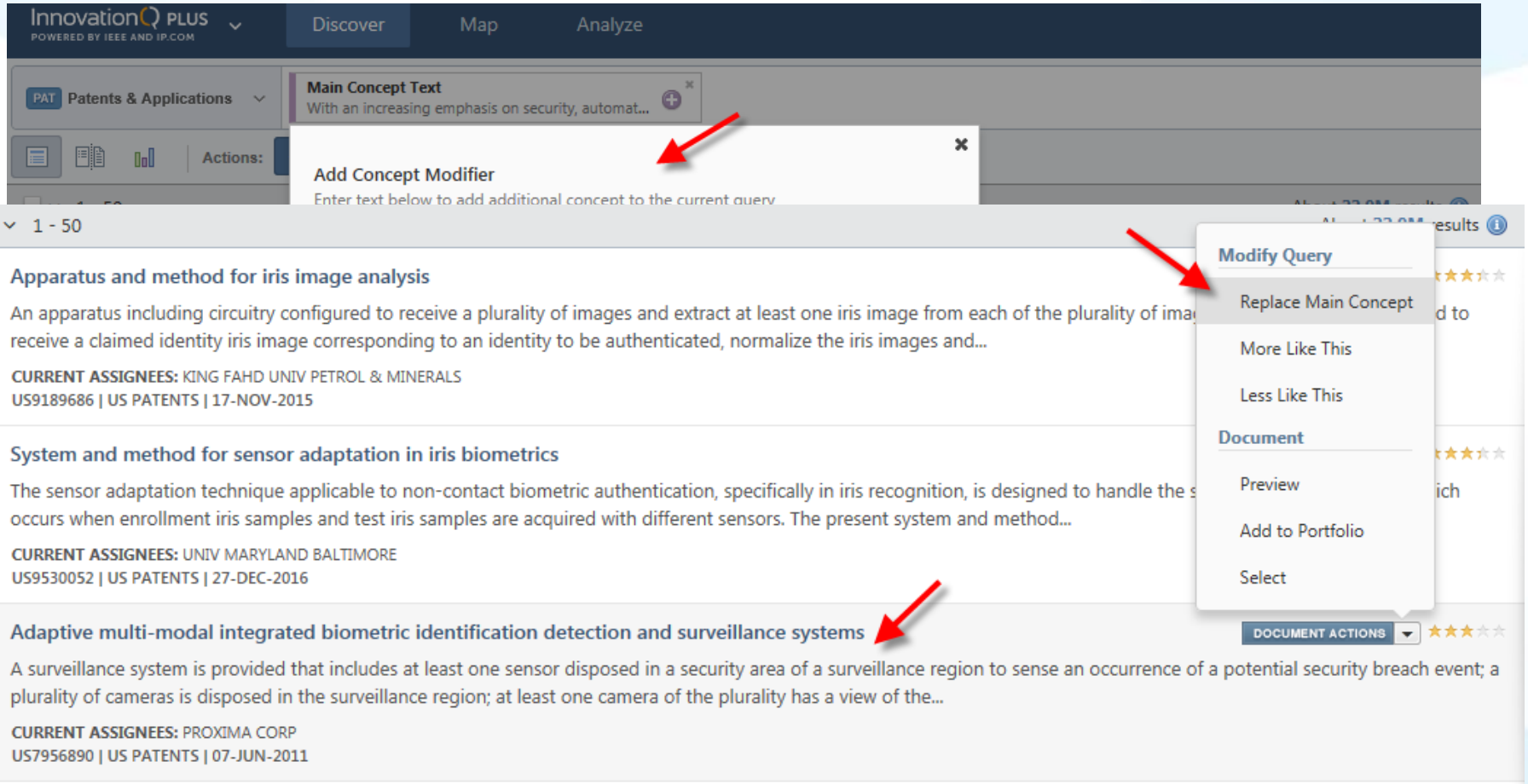
IEEE



直接輸入該期刊論文文摘或全文,查看相關技術是否具備專利申請前景

IEEE

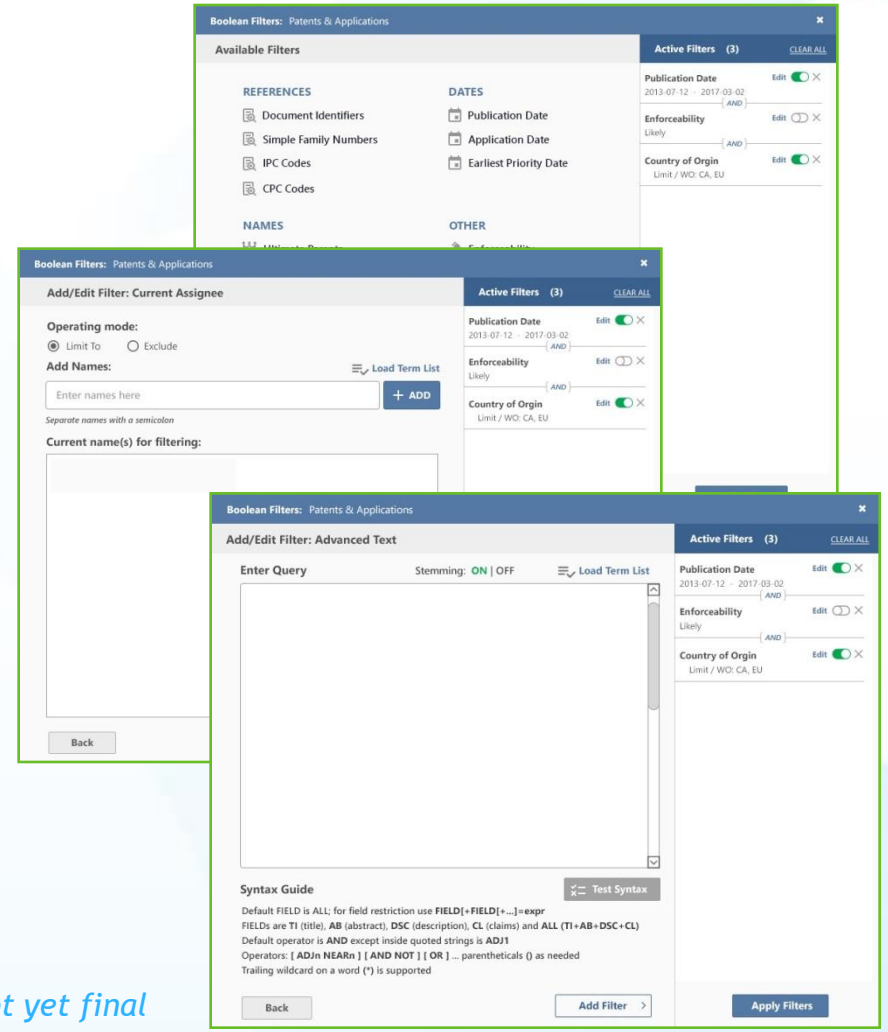
人腦思維 智慧調節檢索結果



1.通過概念調節詞智慧調節檢索結果
2.使用檢索結果中關鍵文檔調節檢索結果

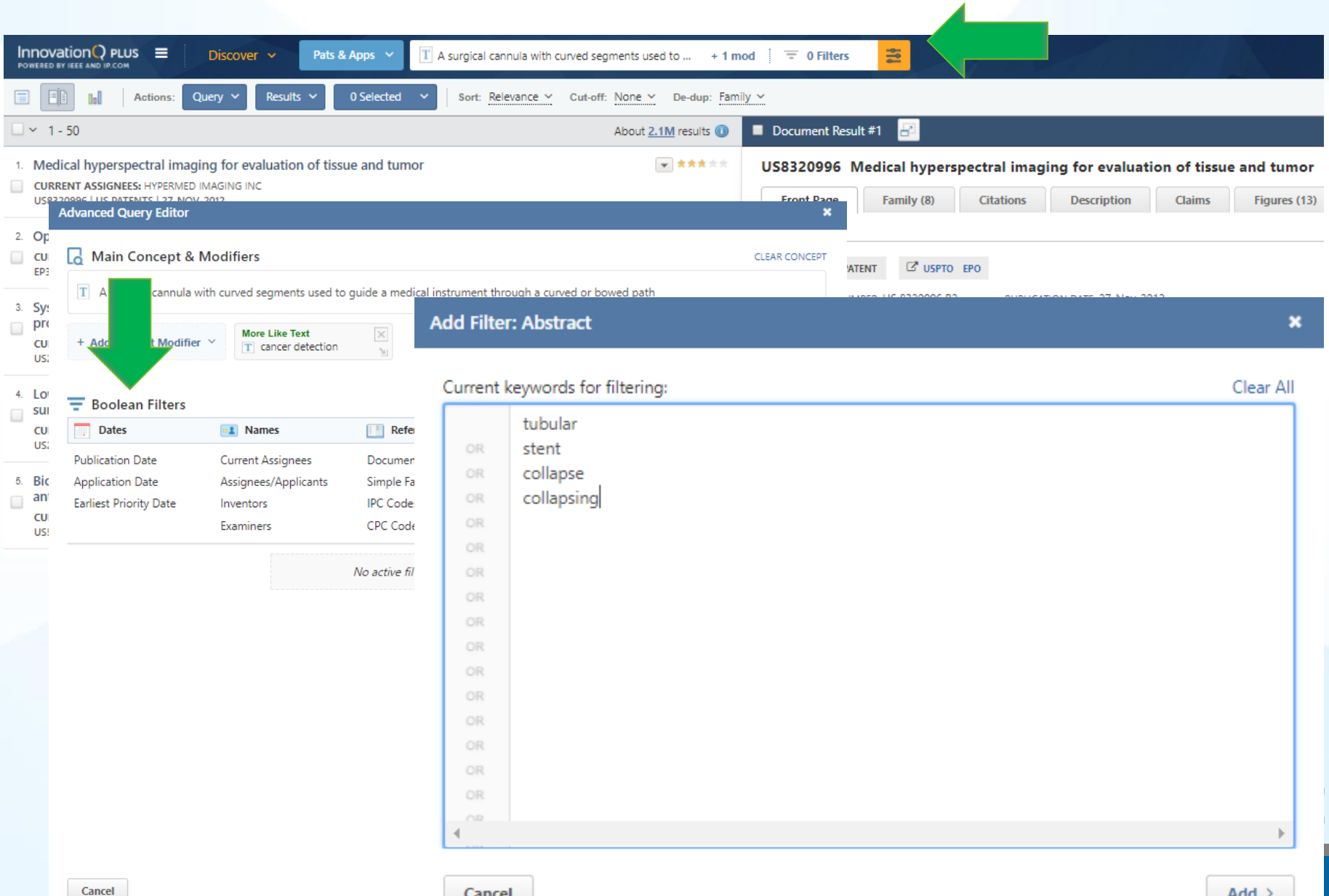
智慧語義檢索與傳統關鍵字檢索結合

- 智慧語義檢索採用自然語言檢索，無需構造檢索式，直接輸入關鍵資訊甚至一篇全文即可開始檢索，基於關鍵概念提取技術挖掘深層隱藏資訊
- 關鍵字檢索提供傳統布林邏輯以及強大的檢索式構造功能，可單獨檢索或與智慧語義檢索結合使用

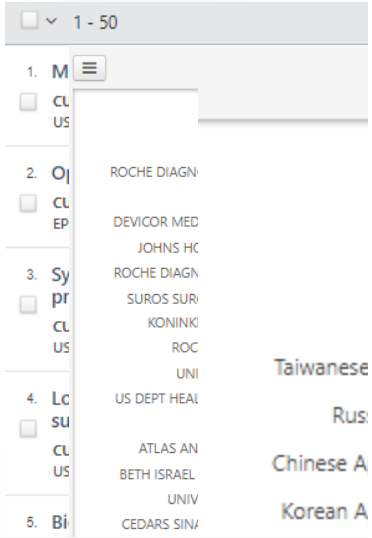


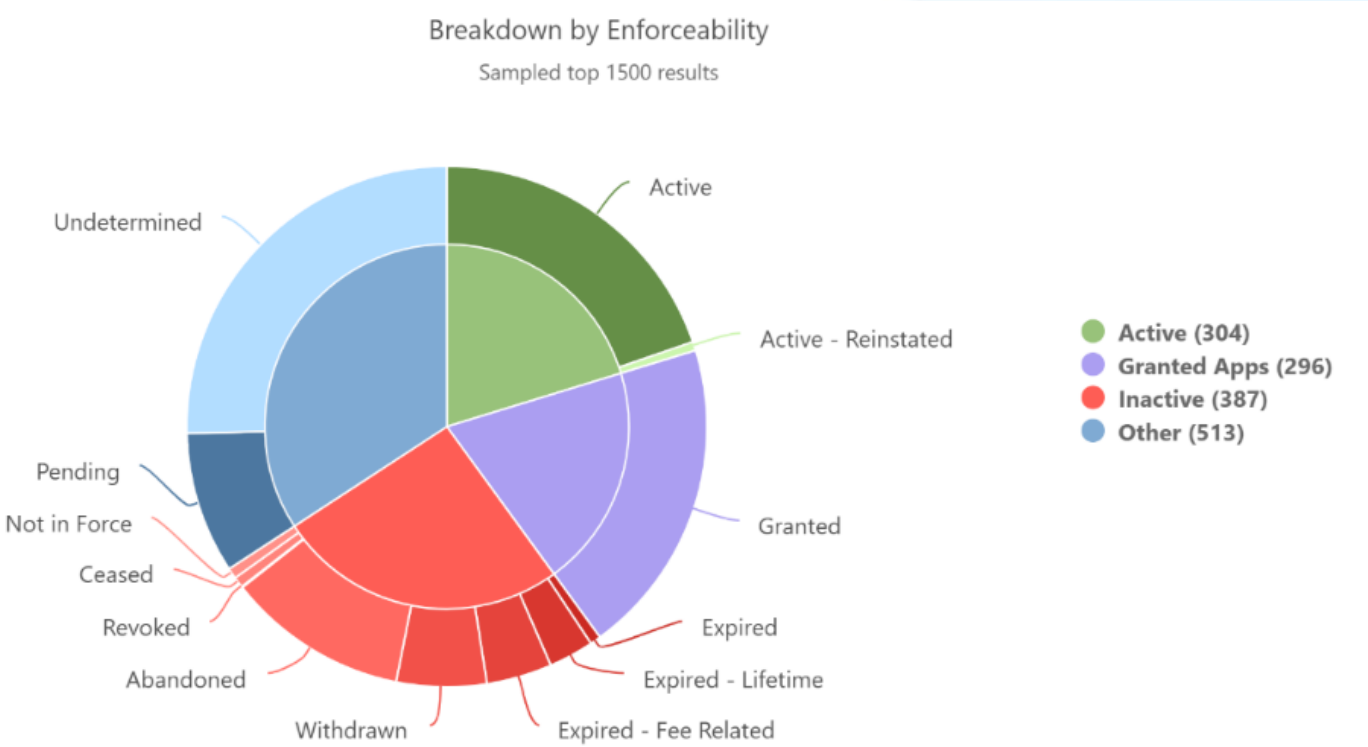
design not yet final

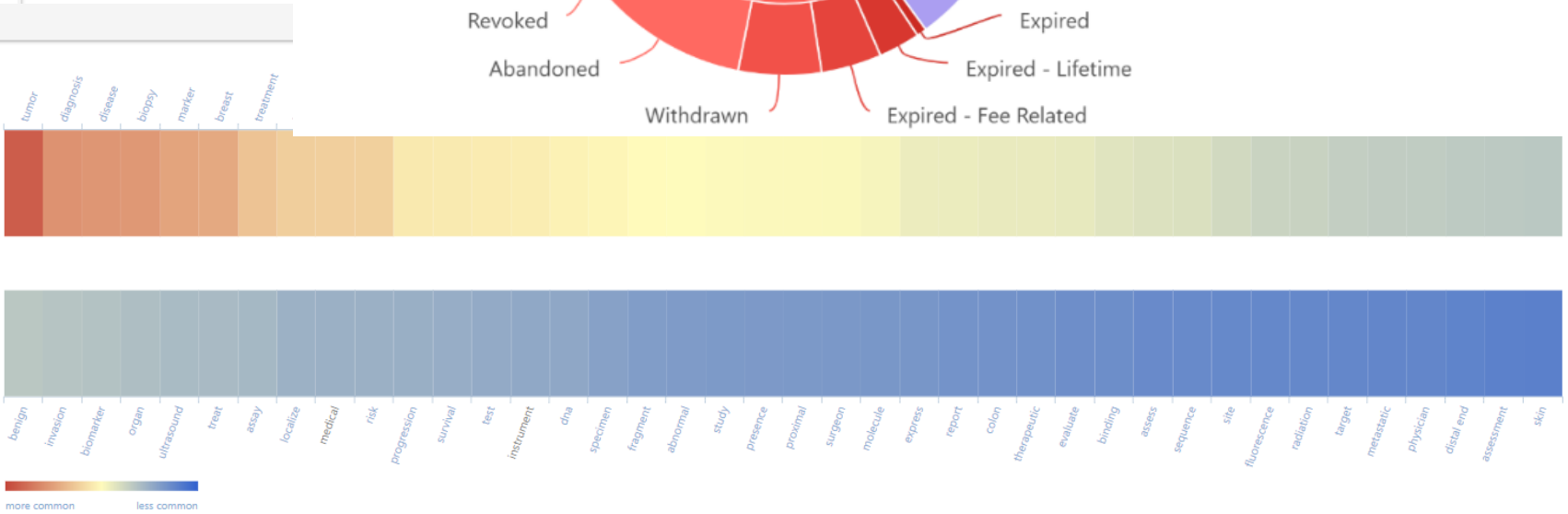
布林檢索


InnovationQ PLUS
Discover
Pats & Apps
A surgical cannula with curved segments used to ...
+ 1 mod
0 Filters
Actions:
Query
Results
0 Selected
Sort: Relevance
Cut-off: None
De-dup: Family
1 - 50
About 2.1M results
1. Medical hyperspectral imaging for evaluation of tissue and tumor
CURRENT ASSIGNEES: HYPERMED IMAGING INC
Document Result #1
US8320996 Medical hyperspectral imaging for evaluation of tissue and tumor
Front Page
Family (8)
Citations
Description
Claims
Figures (13)
USPTO
EPO
Advanced Query Editor
Main Concept & Modifiers
CLEAR CONCEPT
cannula with curved segments used to guide a medical instrument through a curved or bowed path
More Like Text
cancer detection
Boolean Filters
Dates
Names
Publication Date
Application Date
Earliest Priority Date
Current Assignees
Assignees/Applicants
Inventors
Examiners
Add Filter: Abstract
Current keywords for filtering:
Clear All
tubular
OR stent
OR collapse
OR collapsing
Cancel
Add

視覺化顯示

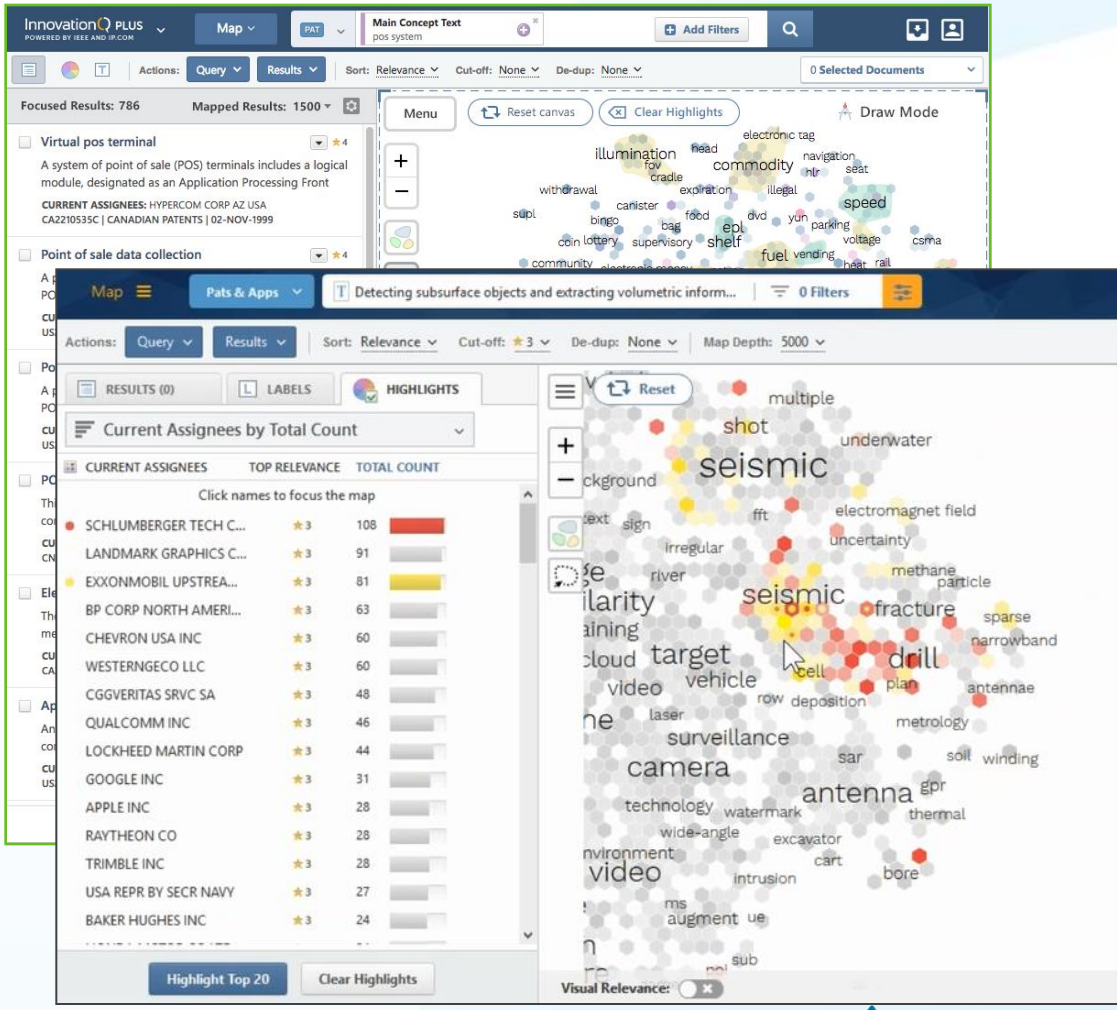

1 - 50
1. M
cu
US
2. Oj
cu
EP
3. Sy
pr
cu
US
4. Lc
su
cu
US
5. Bi
ROCHE DIAGN
DEVICOR MED
JOHNS HC
ROCHE DIAGN
SUROS SUR
KONINKI
ROC
UNI
US DEPT HEAL
ATLAS AN
BETH ISRAEL
UNIV
CEDARS SINA
Taiwanese
Rus
Chinese A
Korean A


Breakdown by Enforceability
Sampled top 1500 results
Active
Active - Reinstated
Granted
Expired
Expired - Lifetime
Expired - Fee Related
Withdrawn
Abandoned
Revoked
Ceased
Not in Force
Pending
Undetermined
Active (304)
Granted Apps (296)
Inactive (387)
Other (513)


tumor
diagnosis
disease
biopsy
marker
breast
treatment
benign
invasion
biomarker
organ
ultrasound
treat
assay
localize
medical
risk
progression
survival
test
instrument
dna
specimen
fragment
abnormal
study
presence
proximal
surgeon
molecule
express
report
colon
therapeutic
evaluate
binding
assess
sequence
site
fluorescence
radiation
target
metastatic
physician
distal end
assessment
skin
more common
less common

語義地圖

- 流覽全球專利、非專利或其結合全景視圖
- 根據相關性聚類文檔，距離、顏色與深度顯示關聯
- 整合關鍵概念、專利權人以及其他資料點
- 通過專利全景識別技術趨勢
- 發現技術轉讓機會以及潛在市場
- 瞭解競爭對手動態

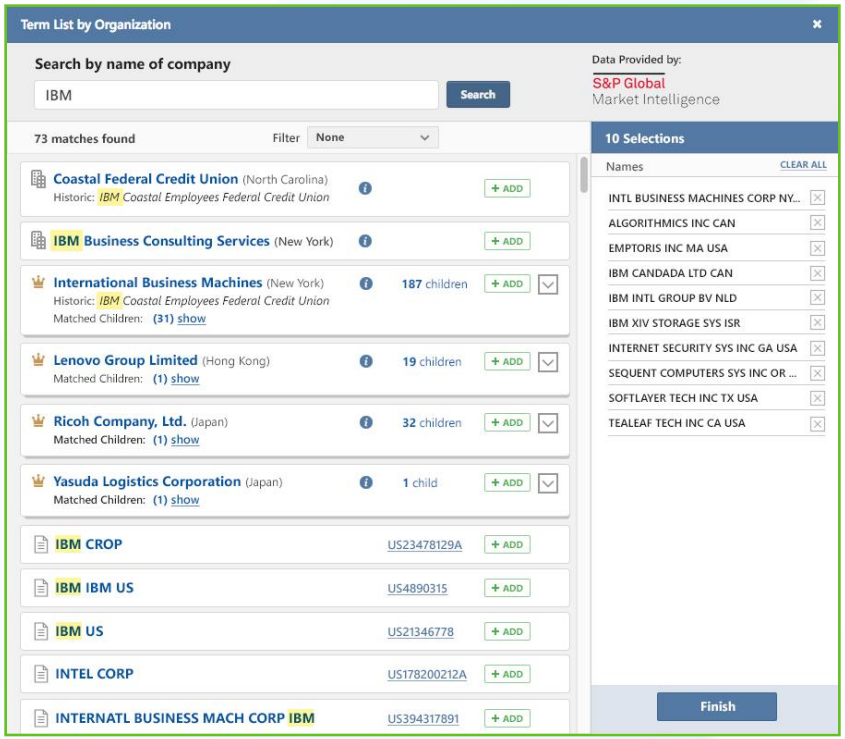


design not yet final

IEEE

S&P Corporate Tree Data 標準普爾公司架構資訊

- 查詢 來自標準普爾全球市場情報公司的權威關係資料
- 收錄 10 萬多公司名稱演變、組織架構與財務資訊
- 包含大型上市公司以及小型私人企業資訊以及並購、收購和子公司資訊
- 支持：
  - 流覽公司架構（母子公司架構）
  - 創建高度精確的專利檔案
  - 檢索過程中按專利權人精確縮小範圍檢索



design not yet final