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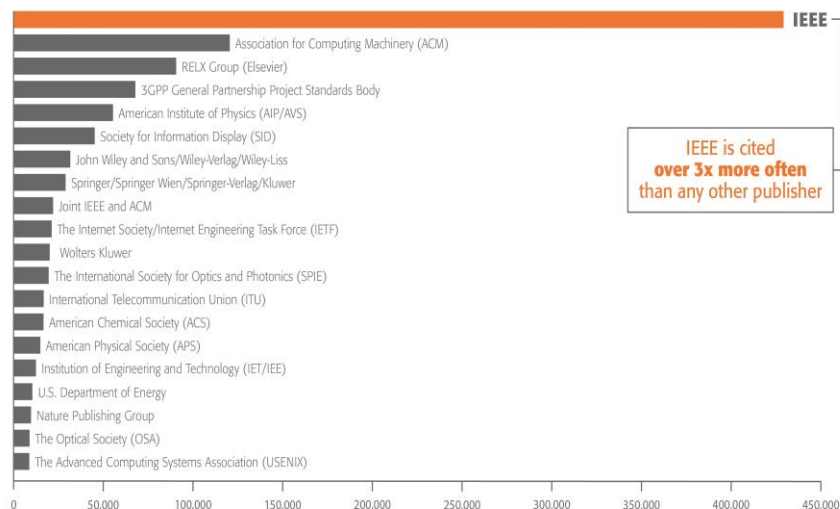
IEEE 五度蟬聯第一

- 被引用次數超過其他出版單位的三倍
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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

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- Visit www.ieee.org/patentcitations for more information.

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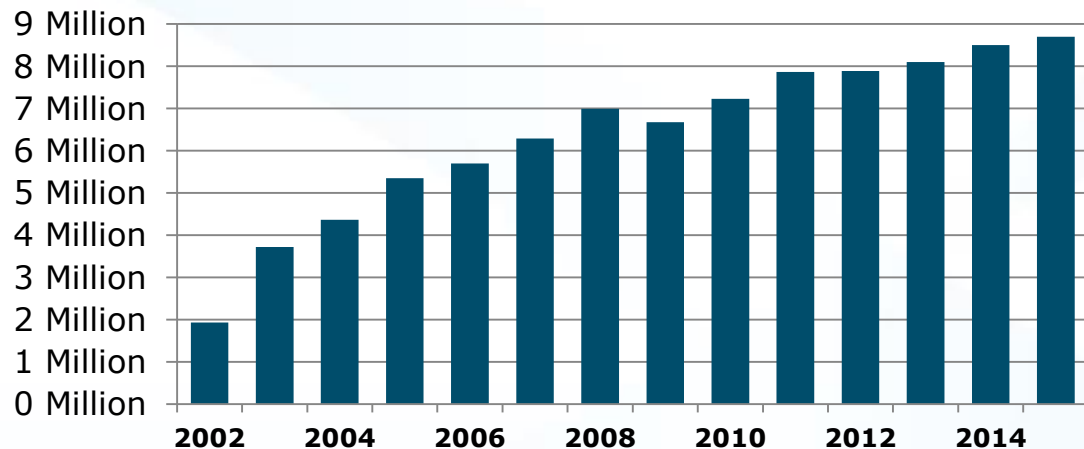
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These new journal titles will soon be available and accessible via subscription:

- IEEE **Internet of Things** Magazine
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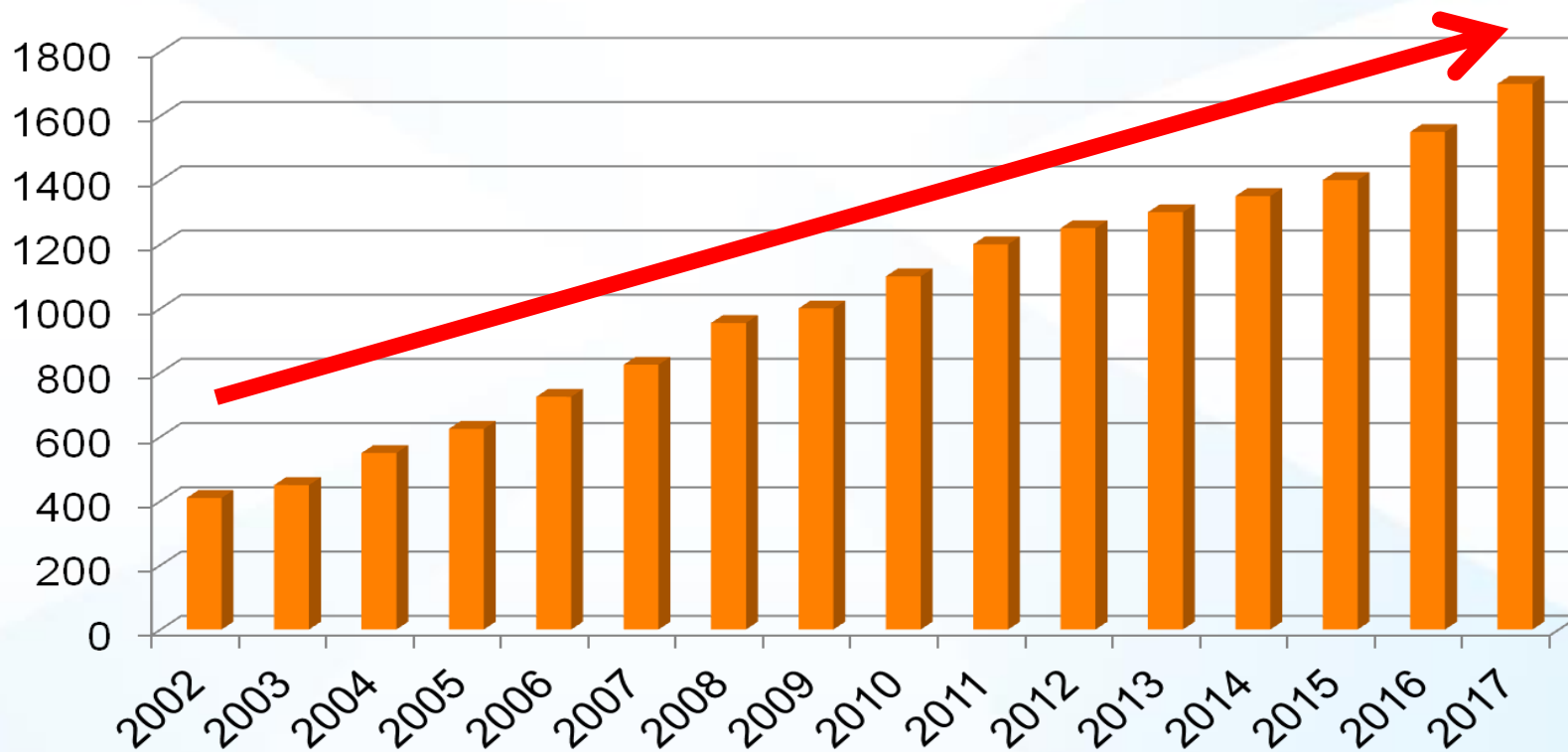
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- 標準制定內容包含試驗方法、符號、定義以及測試方法等領域。
- 常見標準:

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...

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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

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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

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: 0.8

PDHs: 8

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: 0.8

PDHs: 8

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: 0.8

PDHs: 8

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: 0.8

PDHs: 8

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: 0.8

PDHs: 8

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: 0.8






PDHs: 8

1 Hour

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Cyber Security Course Program

	<p>New</p> <p>Intermediate</p> <h3>Network Sniffing</h3> <p>A sniffer is a program/device that monitors data traveling 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</p> <p>CEUs: 0.3 PDHs: 3 1 Hour</p>
	<p>Intermediate</p> <h3>Social Engineering for Cyber Security</h3> <p>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</p> <p>CEUs: 0.3 PDHs: 3 1 Hour</p>
	<p>Introductory</p> <h3>System Fundamentals for Cyber Security</h3> <p>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</p> <p>CEUs: 0.3 PDHs: 3 1 Hour</p>
	<p>New</p> <p>Intermediate</p> <h3>Web Server & Web Application Security</h3> <p>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</p> <p>CEUs: 0.3 PDHs: 3 1 Hour</p>
	<p>New</p> <p>Intermediate</p> <h3>WiFi and Bluetooth Security</h3> <p>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</p> <p>CEUs: 0.3 PDHs: 3 1 Hour</p>

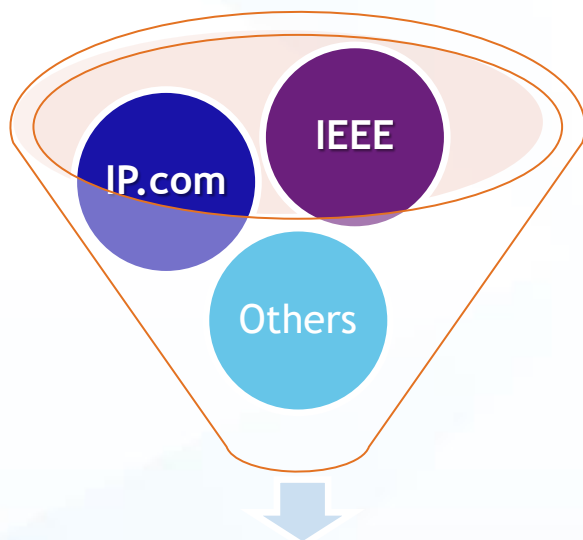
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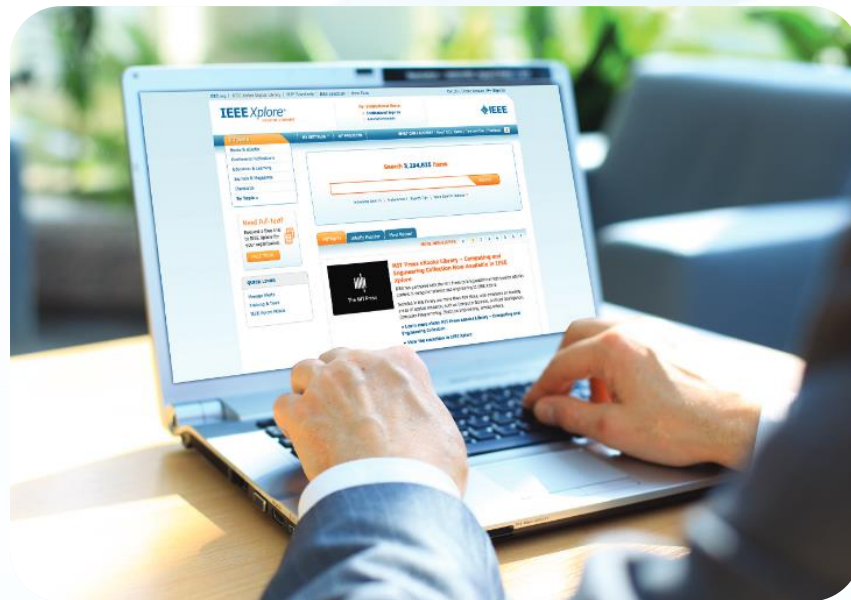
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- 依主題

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最新消息

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(Standards)
- 電子書籍
(Books & eBooks)
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(Education & Learning)



Just Published

IEEE Electrification Magazine

Volume: 5 Issue: 3
Sept. 2017

IEEE Transactions on Applied Superconductivity

Volume: 27 Issue: 7
Oct. 2017

IET Circuits, Devices & Systems

Volume: 11 Issue: 4
7 2017

IET Electric Power Applications

Volume: 11 Issue: 8
9 2017

Most Popular

Internet of Things for Smart Cities

Andrea Zanella; Nicola Bui; Angelo Castellani; Lorenzo Vangelista ...
Feb. 2014

The Internet of Things for Health Care: A Comprehensive Survey

S. M. Riazul Islam; Daehan Kwak; MD. Humaun Kabir; Mahmud Hossain ...
2015

A Survey of 5G Network: Architecture and Emerging Technologies

A. Gupta; R. K. Jha;
2015

High-Performance Extreme Learning Machines: A Complete Toolbox for Big Data Applications

Anton Akusok; Kaj-Mikael Björk; Yoan Miche; Amaury Lendasse

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IEEE Transactions on Aerospace and Electronic Systems
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IEEE Transactions on Affective Computing

Publisher: IEEE Years: 2010 - Present Most Recent Issue

IEEE Annals of the History of Computing

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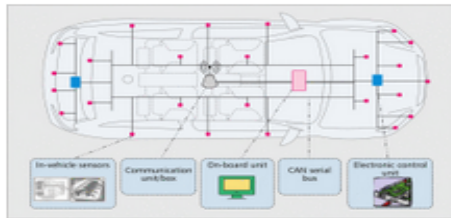
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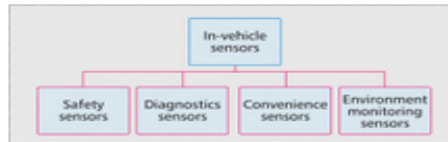
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Figure 1.



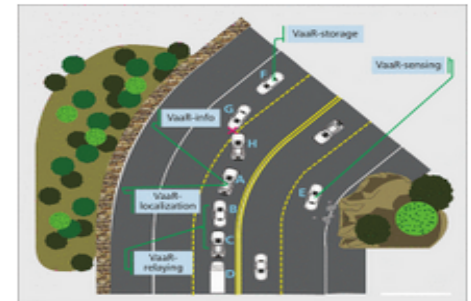
In-vehicle components shaping the intelligent vehicle.

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.

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- 3 A Survey of Urban Vehicular Sensing Platforms
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- 5 In-Vehicle Computing

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- 2 Frequency-Domain In-Vehicle UWB Channel Modeling
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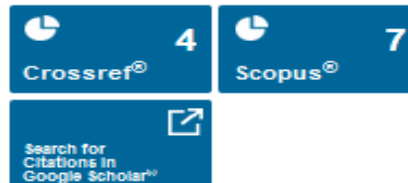
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1 - IEEE Standard General Principles for Temperature Limits in the Rating of Electric Equipment and for the Evaluation of Electrical Insulation
Publisher: IEEE

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 - » Revision of ANSI/IEEE Std 1-1986

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 - » Superseded by IEEE Std 1-2000
 - » Revision of ANSI/IEEE Std 1-1986
- Superseded**
 - 1-1969 - IEEE General Principles for Temperature Limits in the Rating of Electric Equipment
 - » Superseded by ANSI/IEEE Std 1-1986
 - Superseded**
 - 1-1962 - AIEE General Principles Upon Which Temperature Limits Are Based in the rating of Electric Equipment

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標準瀏覽 - 紅線標準

Redline Standards

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Standard Status: **Redline**

13 Results

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[IEEE Std 1413-2010 \(Revision of IEEE Std 1413-1998\) - Redline](#)

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IEEE STANDARDS **Redline Version**

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Redline Standards 紅線標準
顯示標準的更新狀況與差異

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)

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The screenshot shows a search interface for 'cloud computing'. The search bar contains 'cloud computing'. Below the search bar are tabs for 'Basic Search', 'Author Search', 'Publication Search', 'Advanced Search', and 'Other'. The results section displays 'Displaying Results 1-25 of 18,911 for cloud computing' and is refined by 'Content Type: Conference Publications' and 'Year: 2011-2015'. The interface includes options to 'Show All Results', 'Per Page 25', and 'Sort By Relevance'. A red callout bubble highlights the '((html))' icon next to the first search result, 'Security threats in cloud computing'.

cloud computing

Basic Search Author Search Publication Search Advanced Search Other

Displaying Results 1-25 of 18,911 for **cloud computing** and refined by
Content Type: Conference Publications **Year:** 2011-2015

Show All Results Per Page 25 Sort By Relevance

Select All on Page Download Citations | Set Search Alerts | Search

Refine results by ?

Search within results

Content Type

- Journals & Magazines (1,884)
- Early Access Articles (341)
- Books & eBooks (68)

Security threats in cloud computing

Shaikh, F.B.; Haider, S.
Internet Technology and Secured Transactions (ITST), 2011 International
Conference for
Year: 2011
Pages: 214 - 219
Cited by: Papers (10)
IEEE Conference Publication

► Abstract **((html))** (606 Kb)

HTML 全文瀏覽(B)

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- 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

The screenshot displays a document viewer for the paper "Security threats in cloud computing". At the top, there is a navigation bar with tabs for "Abstract", "Authors", "Figures", "Multimedia", "References", "Cited By", and "Keywords". The "QUICK PREVIEW" feature is active, showing a "JUMP" button and a dropdown menu. The document content includes a "SECTION I. Introduction" and a "Quick Preview" button. The main text discusses cloud computing resources and services, mentioning Google Apps and the challenges of security in cloud environments. The footer indicates the paper is from the "Internet T Conference for , Issue Date: 11-1" and is copyrighted by IEEE in 2011.

HTML 全文瀏覽(C)

SECTION III

OCEANOGRAPHY SCIENCE AND APPLICATIONS

A. Previous Work and Limitations of F

Satellite altimetry measurements of ocean surface the 1980s: Seasat, Geosat, ERS-1, ERS-2, TOPEX/Jason-2. These measurements have led to dramatic of oceanography [33]. For instance, the TOPEX/P demonstrated an average rise of global sea level of TOPEX/Poseidon OST measurements level and their relations to the heat stor TOPEX/Poseidon were used to study th event in historical context [36]. Because between the OST variability and the ph OST measurements into ocean circulat global ocean circulation patterns [38]. (scientific predictive capabilities. For in

JUMP

- I. Introduction
- II. Hydrology Science and Applications
- III. Oceanography Science and Applications
- IV. Swot Ka-Band Radar Interferometer (Karin)
- V. Conclusion

Quick Preview

Figures

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References

QUICK PREVIEW

Abstract

Authors

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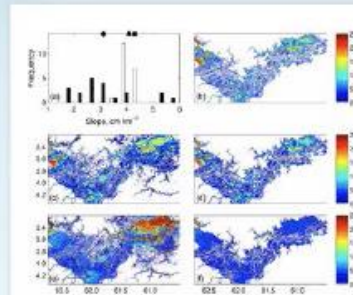


Fig. 4.

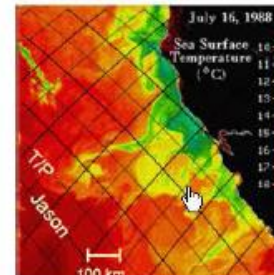


Fig. 5. Sea surface temperature from the AVHRR instrument. Tracks from the Topex/Poseidon and Jason radar altimeters are also shown.

- View in Context
- View Hi-Res Image
- View All Figures



Fig. 6.

View All

HTML 全文瀏覽(1)



Abstract

Authors

Figures

Multimedia

References

Cited By

Keywords

Search Algorithms for Regression Test Case Prioritization

Regression testing is an expensive, but important, process. Unfortunately, there may be insufficient resources to allow for the reexecution of all test cases during regression testing. In this situation, test case prioritization techniques aim to improve the effectiveness of regression testing by ordering the test cases so that the most beneficial are executed first. Previous work on regression test case prioritization has focused on greedy algorithms. However, it is known that these algorithms may produce suboptimal results because they may construct results that denote only local minima within the search space. By contrast, metaheuristic and evolutionary search algorithms aim to avoid such problems. This paper presents results from an empirical study of the application of several greedy, metaheuristic, and evolutionary search algorithms to six programs, ranging from 374 to 11,148 lines of code for three choices of fitness metric. The paper addresses the problems of choice of fitness metric, characterization of landscape modality, and determination of the most suitable search technique to apply. The empirical results replicate previous results concerning greedy algorithms. They shed light on the nature of the regression testing search space, indicating that it is multimodal. The results also show that genetic algorithms perform well, although greedy approaches are surprisingly effective, given the multimodal nature of the landscape

This paper appears in: [Software Engineering, IEEE Transactions on](#) , Issue Date: [April 2007](#) , Written by: [Li, Zheng](#); [Harman, Mark](#); [Hierons, Robert M.](#)

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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 he also 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.

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HTML 全文瀏覽(3)

QUICK
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Abstract

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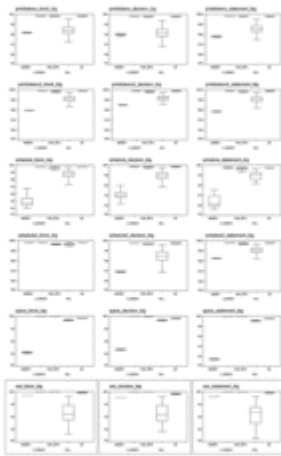


Fig. 4. Boxplots of APBC, APDC, and APSC for all programs with large test suites (vertical axis is AP* C score) by program and coverage criteria.

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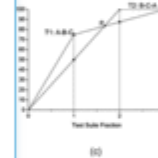



Fig. 5.



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This paper appears in:
Software Engineering, IEEE
Transactions on

Issue Date:
April 2007

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ISSN:
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INSPEC Accession Number:
9402254

Digital Object Identifier:
10.1109/TSE.2007.38

Date of Current Version:
2007-03-12

Date of Original Publication:
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SECTION 1 Introduction

JUMP



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∨ Corrections

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

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

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with the highest priority, tested first.

problem and describe several problem 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

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

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The screenshot shows the IEEE HINTON search results page for 'BIG DATA'. The search bar at the top contains 'BIG DATA'. Below the search bar, there are options for 'Advanced Search' and 'Other Search Options'. A search filter on the left shows 'Content Type' with various categories like 'Conference Publications (37,706)', 'Journals & Magazines (4,588)', etc. The main results area shows a list of items, with the first one being 'A Distributed Fuzzy Associative Classifier'. A dropdown menu is open over the 'Sort By' field, showing options: 'Relevance', 'Relevance', 'Newest First', 'Oldest First', 'Most Cited [By Papers]', 'Most Cited [By Patents]', 'Publication Title A-Z', and 'Publication Title Z-A'. The 'Relevance' option is selected. On the right side, there is a 'Standards Dictionary' section with a search bar and a list of terms.

可再次輸入關鍵字

文獻類型

出版年份

作者

所屬單位

出版刊物

出版商

補充項目

研討會舉辦地點或國家

標準狀態

標準種類

排序可以依照

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- 專利引用程度
- 字母順序

檢索專利訊息

The screenshot shows the IEEE Xplore search interface. At the top, there are navigation links: "Browse", "My Settings", and "Get Help". Below this is a search bar containing "Cloud Computing" and a search icon. To the right of the search bar are links for "Advanced Search" and "Other Search Options".

Below the search bar, it displays "Displaying results 1-25 of 43,183 for Cloud Computing". There are controls for "Show All Results", "Per Page 25", and "Sort By". The "Sort By" dropdown menu is open, showing options: "Most Cited [By Patents]", "Relevance", "Newest First", "Oldest First", "Most Cited [By Papers]", "Most Cited [By Patents]" (highlighted), "Publication Title A-Z", and "Publication Title Z-A".

On the left side, there is a "Content Type" filter with a search box "Search within results". The filter options are: "Conference Publications (37,708)", "Journals & Magazines (4,588)", "Early Access Articles (651)", "Books & eBooks (194)", "Courses (40)", and "Standards (4)".

The main results area shows two items:

- IEEE Standard for a High-Performance Serial Bus**
IEEE Std 1394-2008 (Revision of IEEE Std 1394-2004)
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)

Two callout boxes are present: one pointing to the "Most Cited [By Patents]" option in the dropdown menu, and another pointing to the "Cited by: Patents (44)" text in the second search result.

專利引用程度

點選Patents

檢索專利訊息

Personal Cloud Computing

View Document

8
Paper
Citations

44
Patent
Citations

3

Author(s)

▼ Sang-Ho Na ; ▼ Jun-Young Park ; ▼ Eun-M

Abstract

Authors

Figures

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 Citation Map









By Papers

By Patents

1. Walker, James

- » Patent No. 9606774
- » Full Text PDF
-  View at Patent Office

Patent Citations (44) Patent Links Provided by 1790 Analytics

- Walker, James, "20"
▶ Patent No. 9606774 View at Patent Office  Full Text: PDF 
- Barton, Gary; Lang, Zhongmin; Desai, Nitin; Walker, James Robert, "20"
▶ Patent No. 9602474 View at Patent Office  Full Text: PDF 
- Qureshi, Waheed; McGinty, John M.; Andre, Olivier; Abdullah, Shafaq, "Controlling mobile device access to enterprise resources"
▶ Patent No. 9529996 View at Patent Office  Full Text: PDF 
- Barton, Gary; Lang, Zhongmin; Desai, Nitin; Walker, James Robert, "Providing virtualized private network tunnels"
▶ Patent No. 9521117 View at Patent Office  Full Text: PDF 
- Barton, Gary; Walker, James Robert; Desai, Nitin; Lang, Zhongmin, "Policy based application management"
▶ Patent No. 9521147 View at Patent Office  Full Text: PDF 
- Borzycki, Andrew; Deva, Mallikharjuna Reddy; Bissett, Nick; Roychoudhry, Anil; Duursma, Martin, "Automated meeting room"
▶ Patent No. 9516022 View at Patent Office  Full Text: PDF 
- Barton, Gary; Lang, Zhongmin; Desai, Nitin; Walker, James, "Conjuring and providing profiles that manage execution of mobile applications"
▶ Patent No. 9467474 View at Patent Office  Full Text: PDF 
- Qureshi, Waheed; McGinty, John M., "Rules based detection and correction of problems on mobile devices of enterprise users"
▶ Patent No. 9286471 View at Patent Office  Full Text: PDF 

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Patent Applications (44) Patent Applications provided by 1790 Analytics

1. Walker, James, "20"

▶ Patent No. 9606774

View at Patent Office

Full Text: PDF



Full Text

Inventors:

Walker, James

Abstract:

Systems, methods, and computer-readable media for wrapping an application with field-programmable business logic are presented. In some embodiments, a computing device may load application code of a mobile application. Subsequently, the computing device may modify the application code to wrap the application with an application wrapper that is configured to manage execution of the application based on one or more policy files and configured to intercept one or more functions of the application code, where the one or more policy files each define one or more access controls that are enforced by a device management system on one or more user devices. Subsequently, the computing device may create a library file comprising field-programmable business logic defining implementation code linked to one or more of the functions intercepted by the wrapper. The computing device may then provide the wrapped application and the library file to at least one user device.

United States Patent

Walker

field-programmable business logic

functions intercepted by the wrapper

application and the library file

Assignee:

CITRIX SYSTEMS INC

Filing Date:

27 March 2015

Grant Date:

28 March 2017

Systems, methods, and computer-readable media for wrapping a mobile application. Subsequently, the computing device may mo

on one or more policy files and configured to intercept one or more functions of the application code, where the one or more policy files each define one or more access controls that are enforced by a device management system on one or more user devices. Subsequently, the computing device may create a library file comprising field-programmable business logic defining implementation code linked to one or more of the functions intercepted by the wrapper. The computing device may then provide the wrapped application and the library file to at least one user device.

Wrapping an application with field-programmable business logic

Abstract

Systems, methods, and computer-readable media for wrapping an application with field-programmable business logic are presented. In some embodiments, a computing device may load application code of a mobile application. Subsequently, the computing device may modify the application code to wrap the application with an application wrapper that is configured to manage execution of the application based on one or more policy files and configured to intercept one or more functions of the application code, where the one or more policy files each define one or more access controls that are enforced by a device management system on one or more user devices. Subsequently, the computing device may create a library file comprising field-programmable business logic defining implementation code linked to one or more of the functions intercepted by the wrapper. The computing device may then provide the wrapped application and the library file to at least one user device.

US9606774B2

US Grant

Download PDF

Find Prior Art

Legal status: Active

Application number: US14671351

Other versions: US20160283198A1 (Application)

Inventor: James Walker

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Displaying results 1-25 of 718,733 for control system x

檢索結果的排序方式

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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

Alerts ▾ | Search History

ICE



Content Type ^

- Conference Publications (559,083)
- Journals & Magazines (151,999)
- Early Access Articles (4,113)
- Books & eBooks (1,860)
- Standards (1,630)

Model-Based Development of Knowledge-Driven Machine Control Systems

Nan Zhou; Di Li; Song Li; Shiyong Wang; Chengliang
IEEE Access

Year: 2017, Volume: PP, Issue: 99

Pages: 1 - 1

IEEE Early Access Articles

▶ Abstract (1186 Kb)

文件類型標示

A study of spacecraft reaction thruster configurations for attitude control system

Milad Pasand; Ali Hassani; Mehrdad Ghorbani

IEEE Aerospace and Electronic Systems Magazine

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多重檢索範圍總結

作者

Author ^

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

所屬單位

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 ^

- 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 ^

- 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

作者檢索與分析

快速定位該領域專家

Author ^

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

顯示發表文章數量最高的前25位作者

Author ^

Wang

- Wang Wei
- Wang Jian
- Wang Lei
- Wang Jun
- Wang Li
- Wang Jing
- Wang Yan

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優先使用Last Name

機構檢索與分析

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Affiliation ^

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- Dept. of Electr. & Comput. Eng., Univ. o Texas at Austin, Austin, TX, USA (13)
- Optoelectron. Res. Centre, Univ. of Southampton, Southampton, UK (13)
- Nanophotonics Technol. Center, Univ. Politecnica de Valencia, Spain (13)
- Department of Electrical and Computer Engineering, National University of Singapore, Singapore (12)

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Affiliation ^

India

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intel|

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了解哪些期刊、會議可能是投稿對象

Publication Title ^

Enter Title

- Electron Devices, IEEE Transactions on (11,258)
- Electronics Letters (10,141)
- Photonics Technology Letters, IEEE (6,745)
- Electron Device Letters, IEEE (6,071)
- Quantum Electronics, IEEE Journal of (4,620)

Publisher ^

- IEEE (234,830)
- IET (15,639)
- VDE (424)
- IBM (216)
- Nokia Bell Labs (146)
- MITP (50)
- SMPTE (44)
- TUP (23)
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Advanced Search | Other Search Options

Displaying results 1-25 of 678 for **control system** x **Transceiver** x and refined by **Content Type:** Conference Publications x Journals & Magazines x **Year:** 2013-2018 x

設定條件皆可點選移除

增加關鍵字: Transceiver (收發器), 文獻類型限定 期刊雜誌 & 會議論文, 出版年代限定於 2013-2018年之相關文獻。

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

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Search within results

Content Type

Early Access Articles (8)

Books & eBooks (1)

Year

Author

Affiliation

Publication Title

Publisher

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

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

Journal of Lightwave Technology
Year: 2013, Volume: 31, Issue: 15
Pages: 2621 - 2628

Cited by: Papers (23) | Patents (2)
IEEE Journals & Magazines

Abstract ((html)) PDF (1312 Kb) ©

摘要瀏覽、PDF檔下載、HTML線上瀏覽

An overall gain estimation algorithm for all digital phase locked loops

J. Li; R. Hagelauer; T. Mayer; S. Tertinek; C. Wicpalek; B. Neurauter
2014 IEEE International Symposium on Circuits and Systems (ISCAS)
Year: 2014

Pages: 325 - 328
Cited by: Patents (2)

IEEE Conference Publications

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Qunbi Zhuge; Mohamed Morsy-Osman; Xian Yu; Mathieu Chagnon; Massimo Ciurlo; David V. Plant
Journal of Lightwave Technology
Year: 2013, Volume: 31, Issue: 15
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摘要

作者

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延伸閱讀

Fig. 1.

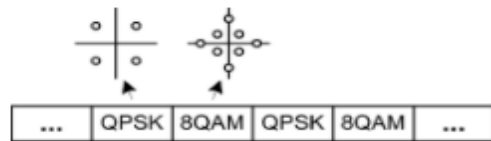
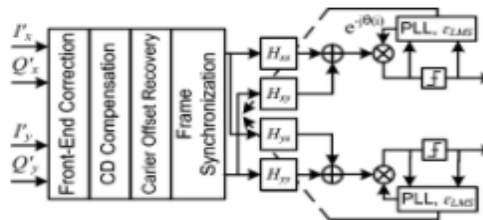


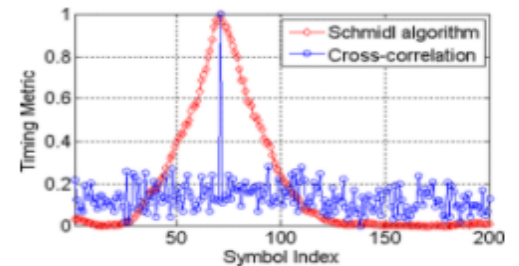
Illustration of the TDHQ frames with QPSK&8QAM(1, 1).

Fig. 2.



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

Fig. 3.



nization methods.

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出版年

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IEEE Xplore 個人偏好設定



個人化設定

The screenshot shows the IEEE Xplore Digital Library website interface. At the top, there is a navigation bar with 'Browse', 'My Settings', 'Get Help', and 'Subscribe' options. The 'My Settings' dropdown menu is open, displaying the following items: 'Content Alerts', 'Search Alerts', 'Preferences', 'Purchase History', 'Search History', and 'What can I access?'. The search bar indicates 'Search 4,300,252 items' and 'searches metadata only by default'. A banner for a webinar titled 'Webinar: See the New Features in InnovationQ Plus' is visible on the right side of the page.

1. 新知快報 (Content Alerts)
2. 檢索結果通知(Searches Alerts)
3. 搜尋偏好 (Preferences)
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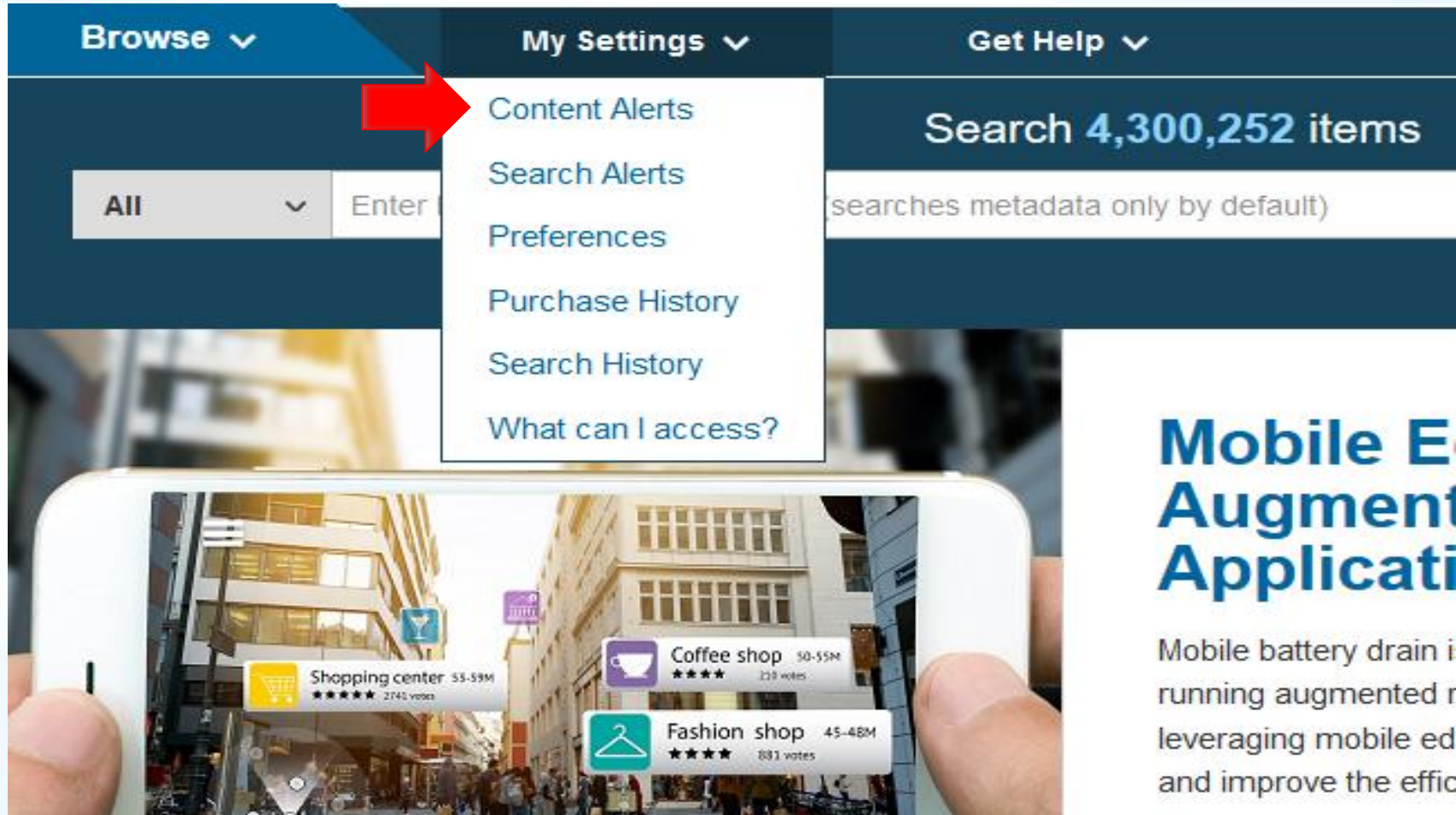
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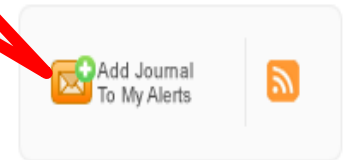
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IEEE Network



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As currently defined, IEEE Network covers the following areas: 1. network protocols and architectures, 2. Protocol design and validation, 3. Communication software and its development and test, 4. Network control and signalling, 5. network management, 6. Practical network implementations including local area networks, (LANs), metropolitan area networks (MANs), and wide area networks, (WANs), 7. Switching and processing in integrated (voice/data) networks and network components, 8. Micro-to-host communication.

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檢索偏好 (Preference)



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- Search Alerts
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- Title, Citation & Abstract

Results per Page:

25 ▾

Sort By:

Newest First ▾

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檢索紀錄 (Search History)

- Content Alerts
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- Preferences
- Purchase History
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- What can I access?

Search 4,300
(searches metadata on)

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
<input type="checkbox"/> 37	big data, Image Sensors	<ul style="list-style-type: none"> 456 Metadata Sep. 22, 2017 14:12 UTC
<input type="checkbox"/> 18	artificial intellegent & diganosis	<ul style="list-style-type: none"> 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

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

MyXplore®



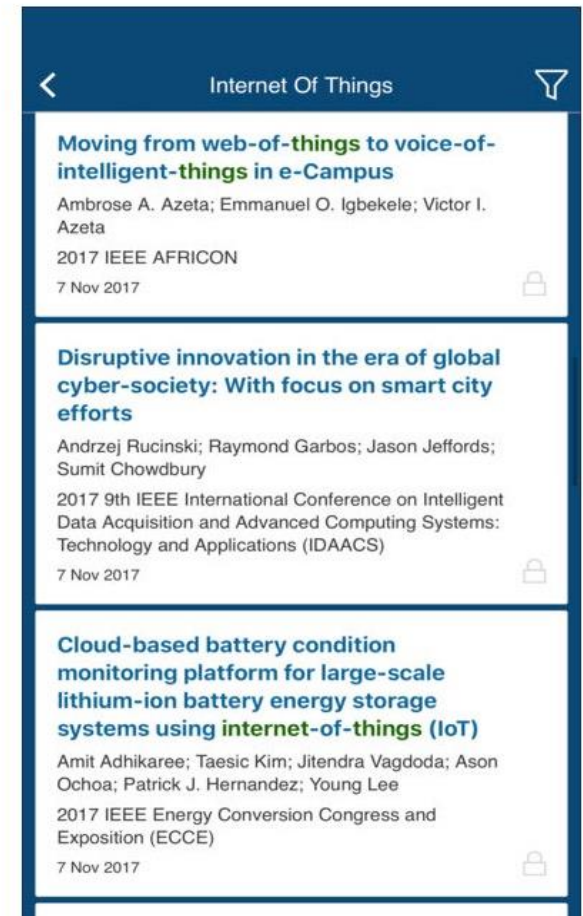
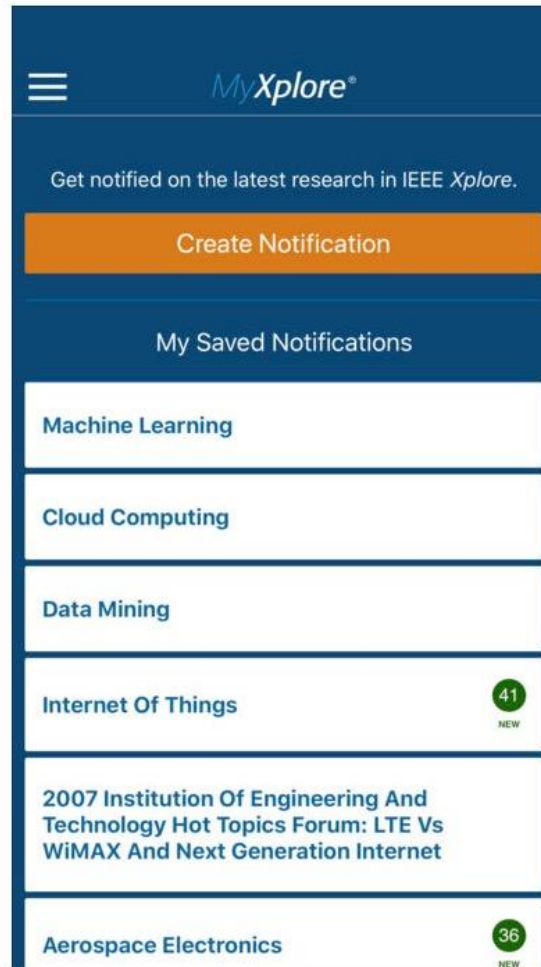
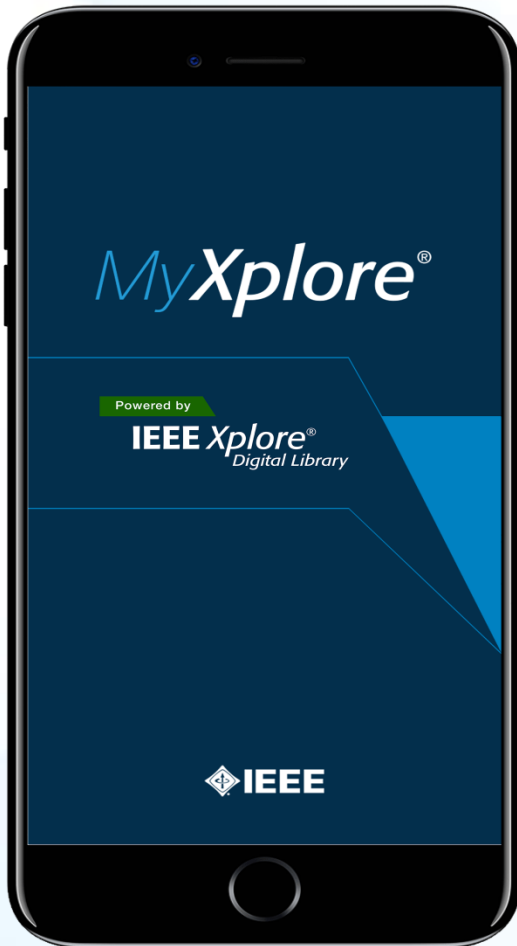
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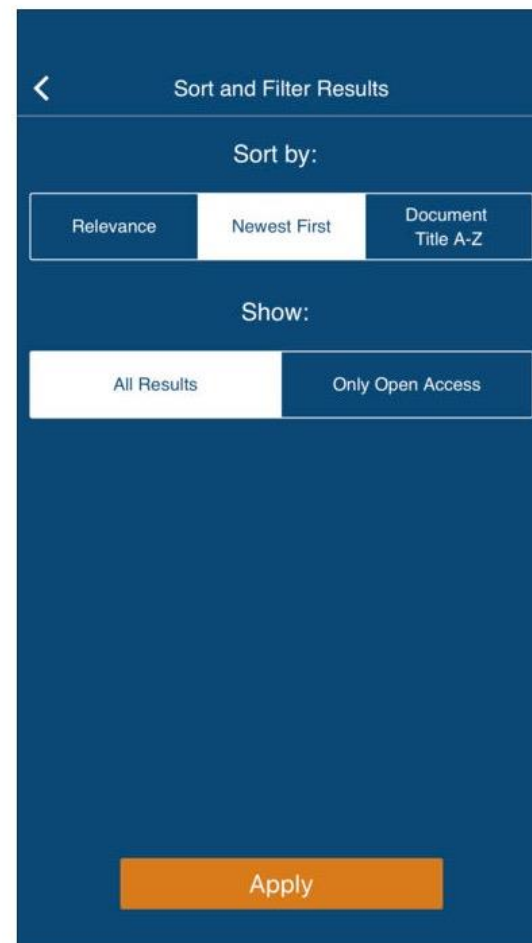
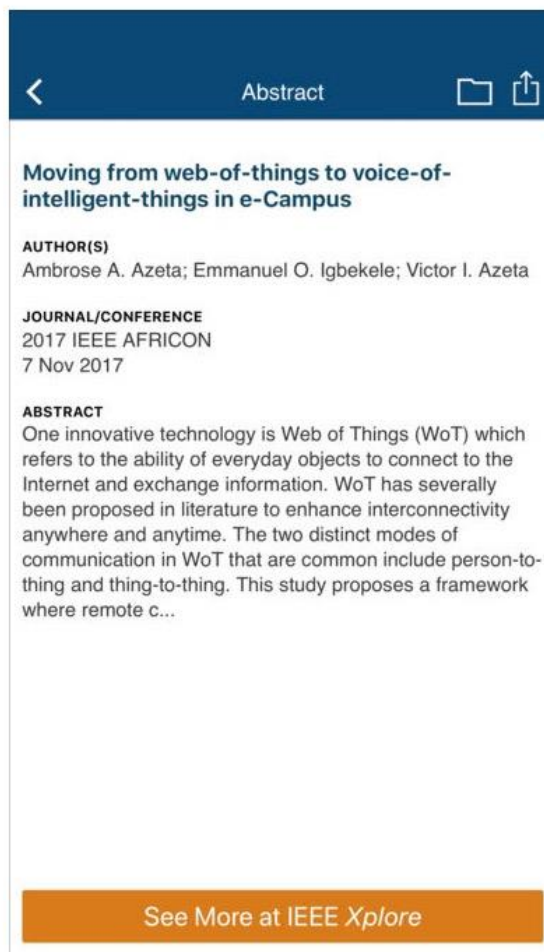
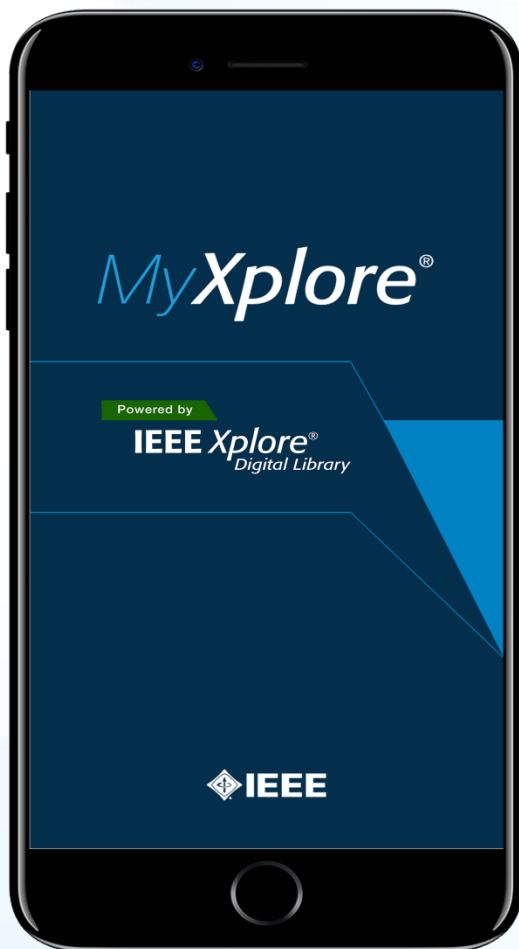


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QUIZS : Search IEL - IEEE Xplore

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

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

操作練習: 瀏覽功能

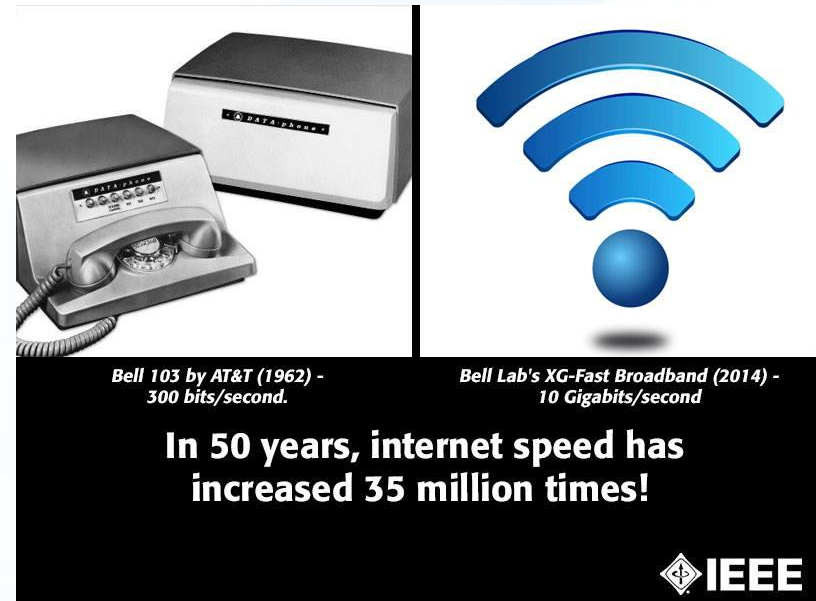
1. 利用瀏覽功能，找 [Engine](#) 相關的期刊，查看 [2016年-2017年](#) 最新出版的文獻
2. 請辨別以下圖示:



((html))



Citation Map



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：



((html))



3. 滾雪球研究：



Citation Map

相關文獻瀏覽

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IEEE 全新專利檢索與分析平臺 - InnovationQ Plus

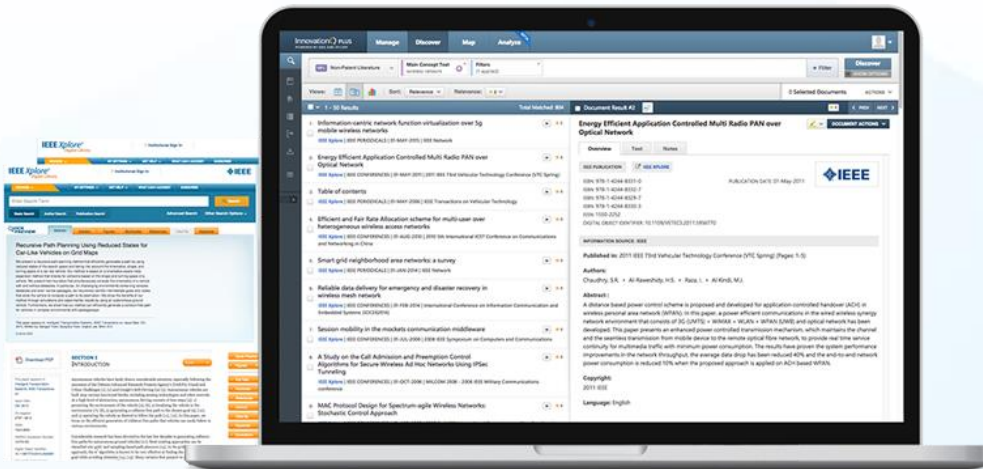
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- 智慧語義檢索全球專利以及IEEE全文資料庫.內容包括:
 - 近4百萬的IEEE期刊、會議和標準文檔
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 - 其他非專利文獻(如Pub Med, IETF)
- 為公司智慧財產權部、專利事務所及大專校院產學處.技轉中心.量身定制

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- 獨立於IEEE Xplore, 與IEEE Xplore無縫連結
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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

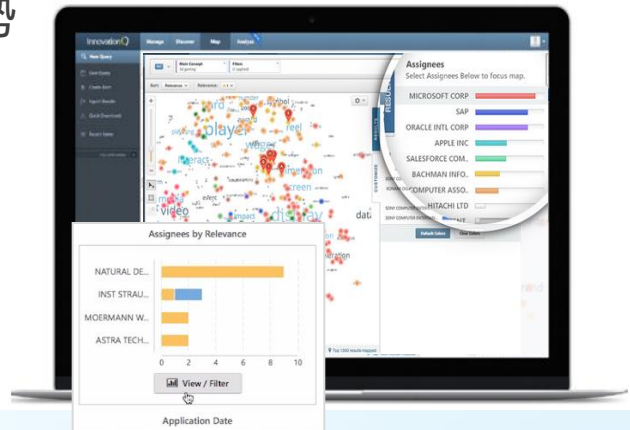
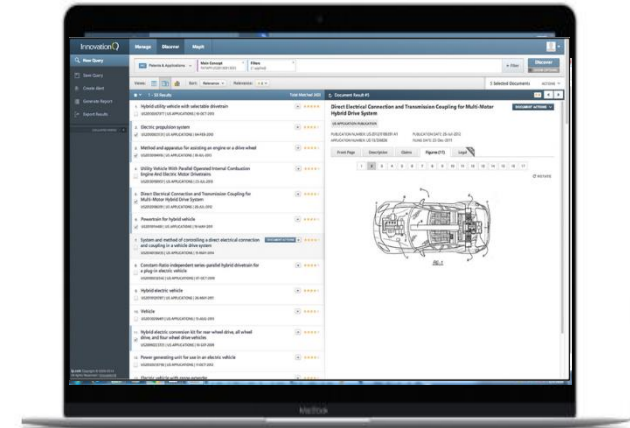
提供視覺化分析範本及自訂功能揭示技術全景和競爭態勢

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

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4

Author(s)

Li Ma ; Tieniu Tan ; Yunhong Wang ; Dexin Zhang

截取任意一篇文檔的關鍵技術部分

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Abstract

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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.

InnovationQ PLUS
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Discover Map Analyze

PAT Patents & Applications

Main Concept Text
With an increasing emphasis on security, automat...

Actions:

1 - 50

1. Apparatus and method for
An apparatus including circuit receive a claimed identity iris
CURRENT ASSIGNEES: KING FAHD US9189686 | US PATENTS | 17-NO

2. System and method for se
The sensor adaptation technic occurs when enrollment iris se
CURRENT ASSIGNEES: UNIV MAR US9530052 | US PATENTS | 27-DE

3. Adaptive multi-modal inte
A surveillance system is provid plurality of cameras is dispose
CURRENT ASSIGNEES: PROXIMA CORP US7956890 | US PATENTS | 07-JUN-2011

4. Multivariate dynamic biometric system
[Challenge] [MEANS FOR SOLVING PROBLEMS] Recognition method of the object based on the biometric characteristics, and to provide a device. Activity of a subject, physical, and this recognition, including the physiological properties of a "smart" combination. None [Selection Figure]
CURRENT ASSIGNEES: パルチーワッセルマン ダフナ [+1] JP2008522652A | JAPANESE APPLICATIONS | 03-JUL-2008

Main Concept

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.

+ Add Concept Modifier

Update Cancel

About 22.9M results

ch of the plurality of images. The circuitry is configured to

designed to handle the sensor mismatch problem which method...

to sense an occurrence of a potential security breach event; a

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

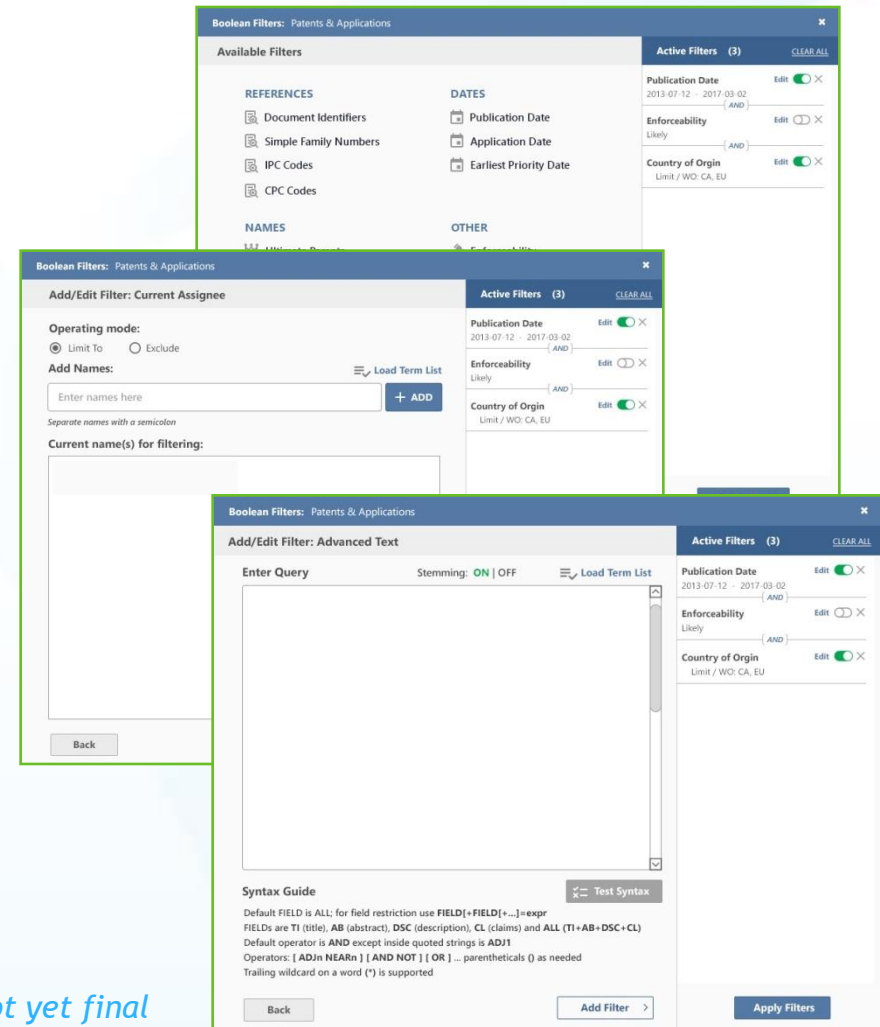
人腦思維 智慧調節檢索結果

The screenshot displays the InnovationQ PLUS interface, which is powered by IEEE and IP.COM. The main navigation bar includes 'Discover', 'Map', and 'Analyze'. A 'Main Concept Text' box is visible, containing the text 'With an increasing emphasis on security, automat...'. Below this, an 'Add Concept Modifier' dialog box is open, prompting the user to 'Enter text below to add additional concept to the current query'. A red arrow points to the 'Main Concept Text' box, and another red arrow points to the 'Add Concept Modifier' dialog box. The search results are displayed in a list format, with three results visible. The first result is titled '1. Apparatus and method for iris image analysis' and includes a checkbox, a description, and 'CURRENT ASSIGNEES: KING FAHD UNIV PETROL & MINERALS US9189686 | US PATENTS | 17-NOV-2015'. The second result is titled '2. System and method for sensor adaptation in iris biometrics' and includes a checkbox, a description, and 'CURRENT ASSIGNEES: UNIV MARYLAND BALTIMORE US9530052 | US PATENTS | 27-DEC-2016'. The third result is titled '3. Adaptive multi-modal integrated biometric identification detection and surveillance systems' and includes a checkbox, a description, and 'CURRENT ASSIGNEES: PROXIMA CORP US7956890 | US PATENTS | 07-JUN-2011'. A 'Modify Query' dropdown menu is open over the first result, showing options: 'Replace Main Concept', 'More Like This', 'Less Like This', 'Document', 'Preview', 'Add to Portfolio', and 'Select'. A red arrow points to the 'Modify Query' dropdown menu. The interface also shows a 'DOCUMENT ACTIONS' button and a star rating for each result.

- 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

Innovation PLUS POWERED BY ISEE AND IP.COM 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 Document Result #1

1. Medical hyperspectral imaging for evaluation of tissue and tumor
CURRENT ASSIGNEES: HYPERMED IMAGING INC
US8320996 (US PATENTS) 27 NOV 2012
US8320996 (US PATENTS) 27 NOV 2012
Front Page Family (8) Citations Description Claims Figures (13)

Advanced Query Editor

2. Op
CU
EP:
Main Concept & Modifiers
CLEAR CONCEPT
PATENT USPTO EPO

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

+ Add Modifier
More Like Text
cancer detection

Add Filter: Abstract

3. Sy:
pr
CU
US:
4. Lo
sui
CU
US:
Booleen Filters
Dates Names Refe
Publication Date Current Assignees Documen
Application Date Assignees/Applicants Simple Fa
Earliest Priority Date Inventors IPC Code
Examiners CPC Code
No active fil

Current keywords for filtering: Clear All

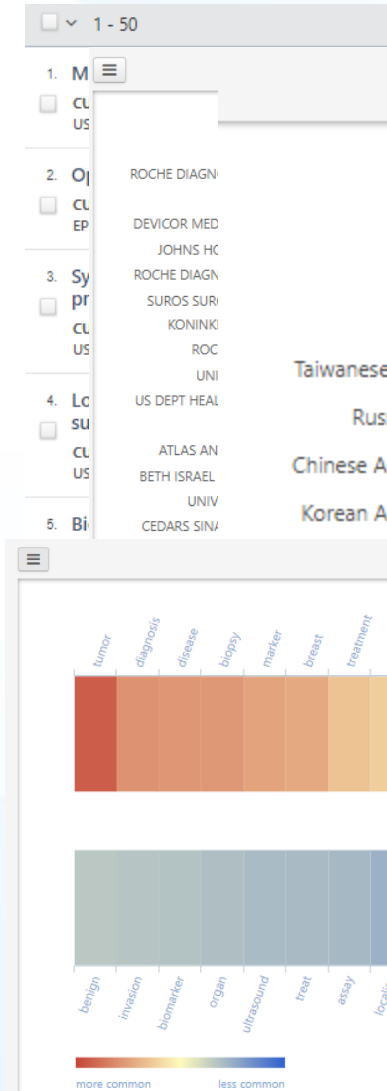
OR tubular
OR stent
OR collapse
OR collapsin|

Cancel

Cancel

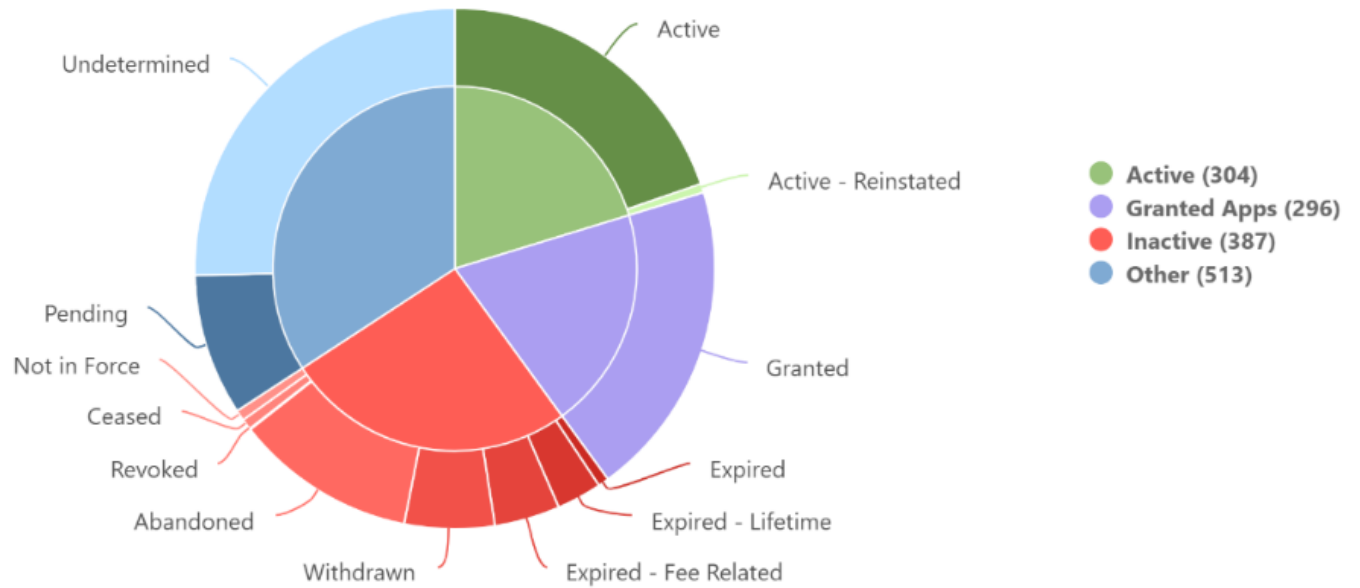
Add >

視覺化顯示



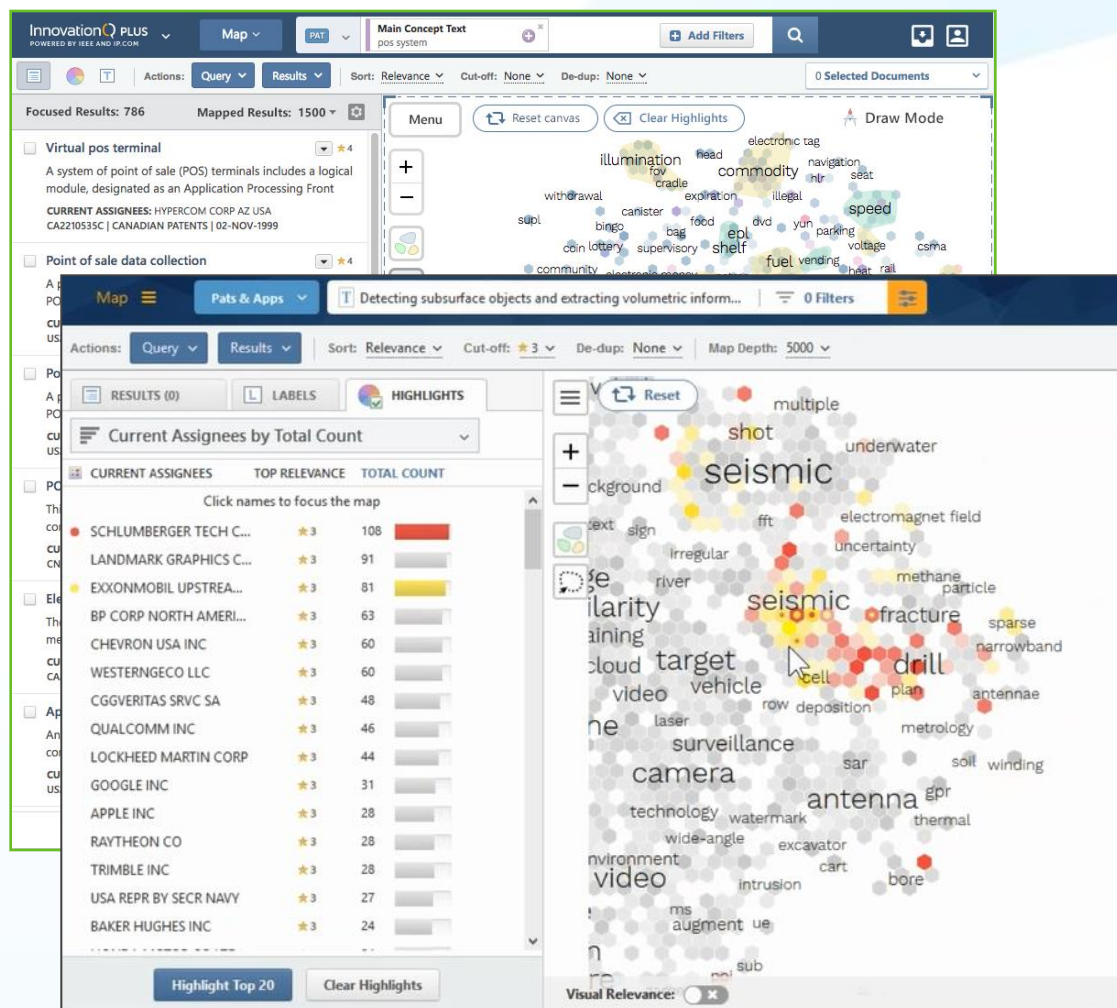
Breakdown by Enforceability

Sampled top 1500 results



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



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

Term List by Organization

Search by name of company

IBM Search

Data Provided by: S&P Global Market Intelligence

73 matches found Filter None

Coastal Federal Credit Union (North Carolina) Historic: IBM Coastal Employees Federal Credit Union	+ ADD
IBM Business Consulting Services (New York)	+ ADD
International Business Machines (New York) Historic: IBM Coastal Employees Federal Credit Union Matched Children: (31) show	187 children + ADD
Lenovo Group Limited (Hong Kong) Matched Children: (1) show	19 children + ADD
Ricoh Company, Ltd. (Japan) Matched Children: (1) show	32 children + ADD
Yasuda Logistics Corporation (Japan) Matched Children: (1) show	1 child + ADD
IBM CROP US23478129A	+ ADD
IBM IBM US US4890315	+ ADD
IBM US US21346778	+ ADD
INTEL CORP US178200212A	+ ADD
INTERNATL BUSINESS MACH CORP IBM US39431789I	+ ADD

10 Selections CLEAR ALL

Names

- INTL BUSINESS MACHINES CORP NY...
- ALGORITHMIC INC CAN
- EMPTORIS INC MA USA
- IBM CANDADA LTD CAN
- IBM INTL GROUP BV NLD
- IBM XIV STORAGE SYS ISR
- INTERNET SECURITY SYS INC GA USA
- SEQUENT COMPUTERS SYS INC OR ...
- SOFTLAYER TECH INC TX USA
- TEALEAF TECH INC CA USA

Finish