

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 Xplore[®] 全文電子資料庫

➤ 認識 IEEE Xplore[®]

- 1) 學會組織介紹
- 2) 收錄文獻類型

➤ IEEE Xplore[®] 平台功能

- 1) 瀏覽功能
- 2) 檢索功能
- 3) 個人化設定





The **I**nstitute of **E**lectrical and
Electronics **E**ngineers

電機電子工程師學會

最完整最具價值的參考資料庫



IEEE 美國電子電機工程師學會

(Institute of Electrical and Electronic Engineers)



IET 英國電機工程師學會

(Institute of Engineering and Technology)



IEEE

非營利組織，全球最大的技術學會之一，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 Aerospace and Electronic Systems Society
- IEEE Antennas and Propagation Society
- IEEE Broadcast Technology Society
- IEEE Circuits and Systems Society
- IEEE Communications Society
- IEEE Computational Intelligence Society
- IEEE Computer Society
- IEEE Consumer Electronics Society
- IEEE Control Systems Society
- IEEE Dielectric and Electrical Insulation Society
- IEEE Educational Activities Council
- IEEE Electron Devices Society
- IEEE Electron Packaging Society
- IEEE Electron Devices 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 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 & Energy Society
- IEEE Product Safety Engineering Society

39個專業分會

IEEE Societies

- IEEE Systems, Man, and Cybernetics Society
- IEEE Technology and Engineering Management Society
- IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society
- IEEE Vehicular Technology Society

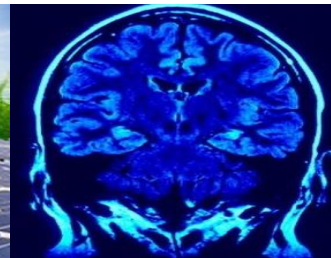
IEEE 涵蓋各個科技領域

More than just electrical engineering & computer science

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

出版電機電子工程和電腦領域

佔全世界 **1/3** 的文獻



IEEE文獻 期刊引用率第一

Refer to: Journal Citation Reports® (JCR®) from Thomson Reuters

IEEE publishes:

23 of the top 25 journals in Electrical and Electronic Engineering

19 of the top 20 journals in Telecommunications

4 of the top 5 journals in Artificial Intelligence

All of the top 5 journals in Computer Science, Information Systems

4 of the top 5 journals in Computer Science, Hardware & Architecture

4 of the top 5 journals in Automation & Control Systems

3 of the top 5 journals in Computer Science, Cybernetics

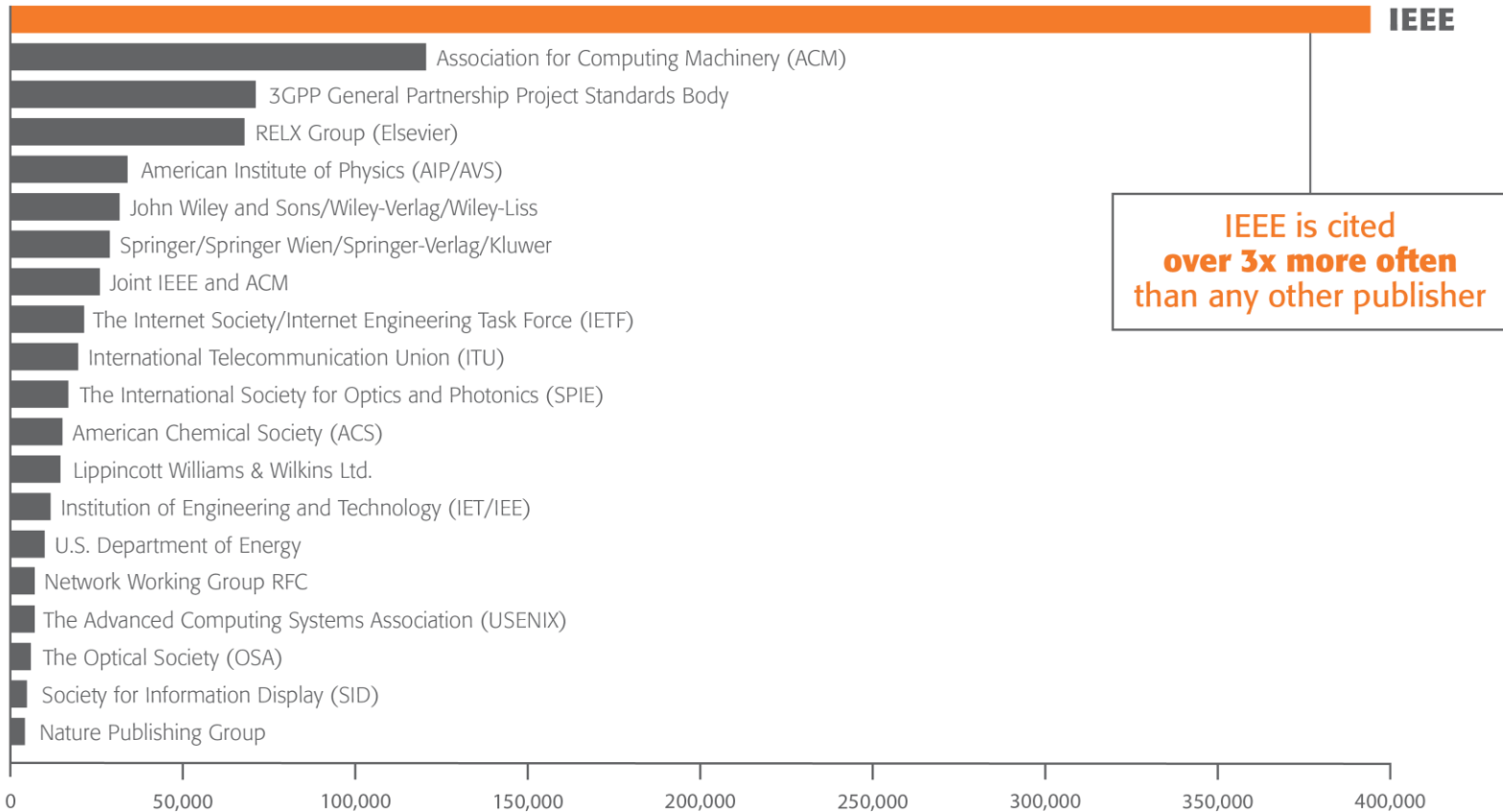
3 of the top 5 journals in Imaging Science & Photographic Technology

Source: 2017 Journal Citation Reports (Clarivate Analytics, 2018) Based on the 2017 study, released June 2018

Journal Citation Reports present quantifiable statistical data that provide a systematic, objective way to evaluate the world's leading journals.

IEEE文獻 專利引用率第一

Top 20 Publishers Referenced Most Frequently by Top 30 Patenting Organizations



Source: 1790 Analytics LLC 2018. Based on number of references to papers/standards/



IEEE
Xplore®
Digital Library

IEL (IEEE/IET Electrical Library)

IEL收錄量最多

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 Xplore®收錄各家出版社以及學會文獻

VDE



TSINGHUA
Science and Technology



Alcatel·Lucent
Bell Labs



HINTON
INFORMATION SERVICES



IEEE Xplore® 豐富的文獻量

4.5 Million

documents in full text PDF format

Over 3,800

approved and published
IEEE standards

Over 3,600

eBooks Titles

192

IEEE journals, magazines
and transactions

Proceedings from

over 1,800

IEEE and IET conference titles

Over 400

eLearning courses

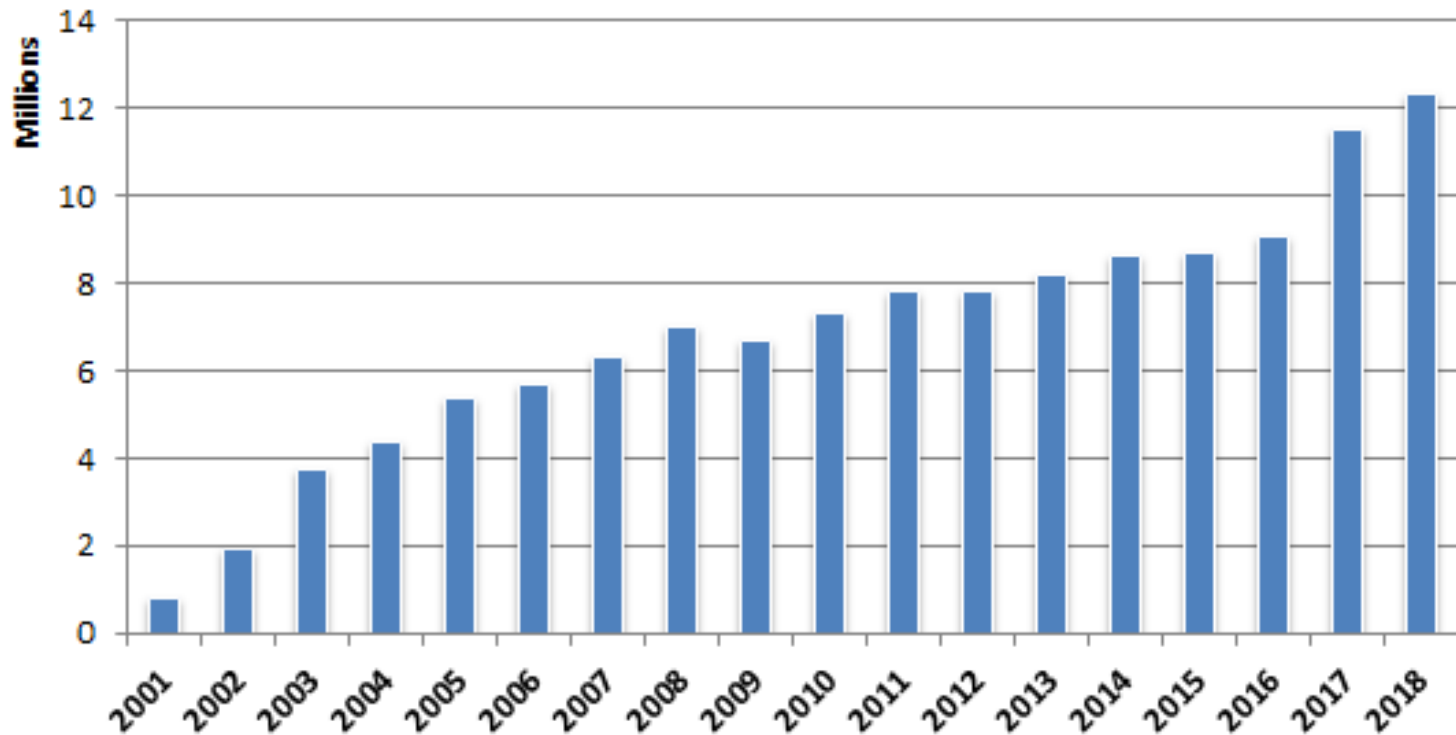
More than **1.7 million**
contributing authors

IEEE Xplore® : 全球使用量不斷攀升

至2018年每月將近1,200萬文獻檔案被下載

下載次數

Average Total Usage per Month



Source: IEEE Xplore Internal Usage Stats

IEEE Xplore 各國下載量排名 台灣第六

#1 USA



#2 China



#3 India



#4 South Korea



#5 United Kingdom



#6 Taiwan



#7 Germany



#8 Japan



#9 Canada



#10 Australia



Data as of January 2019

IEEE Xplore® 收錄文獻類型



New IEEE Journals Coming in 2019

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

- IEEE Transactions on Biometrics, Behavior, and Identity Science
- IEEE Journal on Electromagnetic Compatibility Practice and Applications
- IEEE Transactions on Miniaturization for Air and Space Systems
- IEEE Networking Letters



All Included in an IEL Subscription

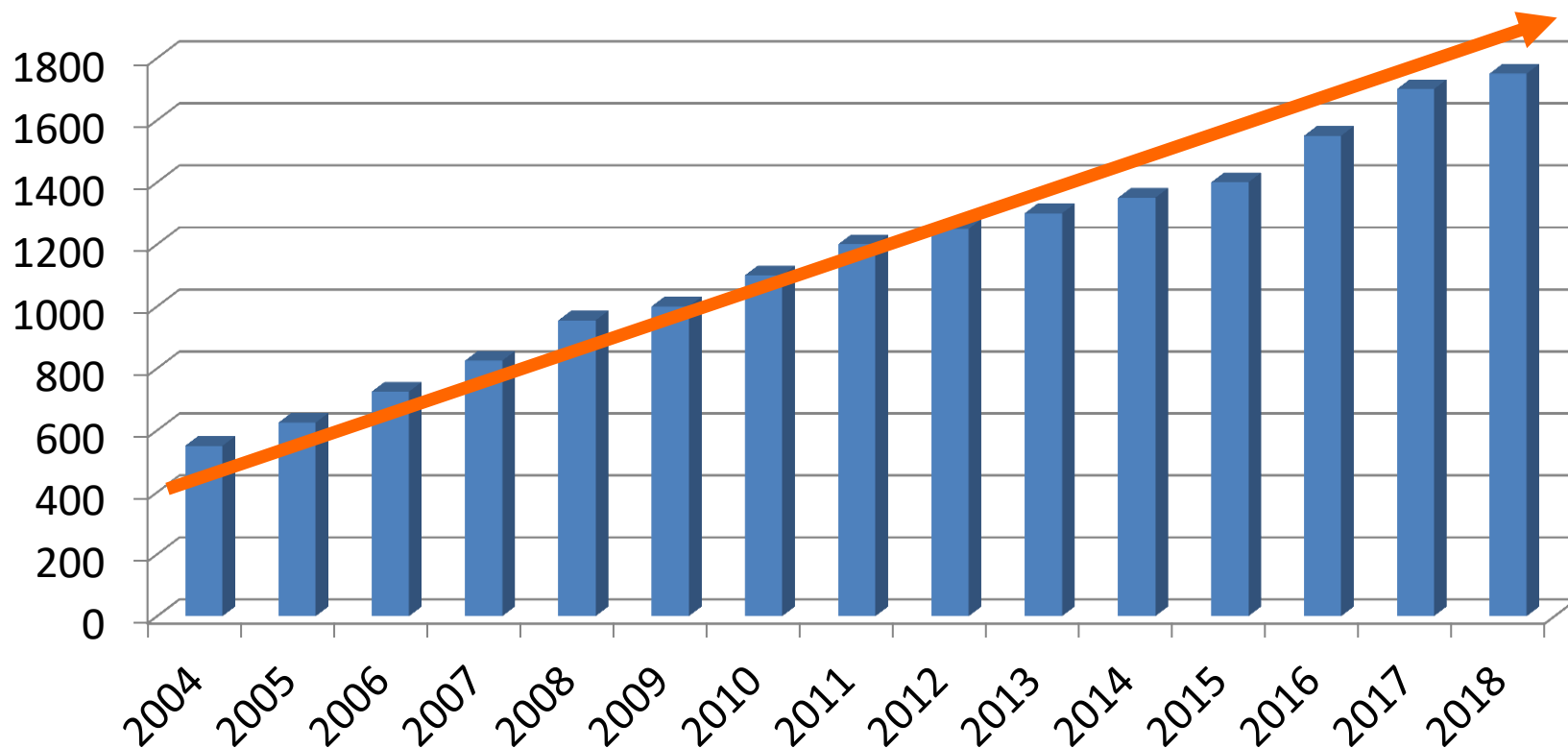
For a complete title listing, to go: <http://ieeexplore.ieee.org/xp>

HINTON
INFORMATION SERVICES

 **IEEE**

IEEE 每年在全球舉辦研討會

Now over 1,700 annual conferences in 2018
Over 3 million total papers in all in IEEE *Xplore*



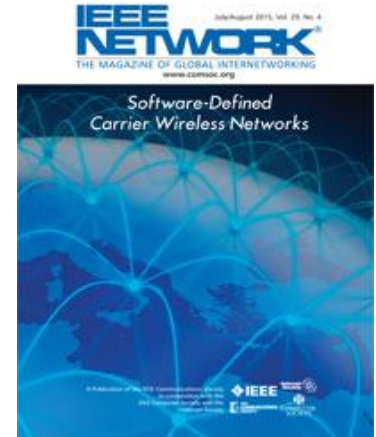
New IEEE Journals in 2019

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

- IEEE Journal on Miniaturization for Air and Space Systems
- IEEE Networking Letters

All included in an IEL subscription

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



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...



Ebooks

收錄全球科技領先出版社電子書來拓展視野



2019 NEW!



E-Learning-提供多元學習及了解產業趨勢

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

E-Learning-提供多元學習及了解產業趨勢

記錄學習進度

點選TOC 看課程目錄

The screenshot displays an e-learning interface with a table of contents on the left and a technical diagram on the right. The table of contents is as follows:

Slide Title	Duration	Progress
Introduction	03:01	<input checked="" type="checkbox"/>
Solutions	03:35	<input type="checkbox"/>
Internal and External I...	04:41	<input type="checkbox"/>
Empirical Based Model...	04:26	<input type="checkbox"/>
Gathering Data	04:59	<input type="checkbox"/>
Wireless Local Area N...	06:44	<input type="checkbox"/>
Low Cost, Low Energy	04:13	<input type="checkbox"/>
Cooperative Mechanis...	03:30	<input type="checkbox"/>
Self Evaluation: Questi...	00:00	<input type="checkbox"/>
Self Evaluation: Questi...	00:00	<input type="checkbox"/>
Self Evaluation: Questi...	00:00	<input type="checkbox"/>
Self Evaluation: Questi...	00:00	<input type="checkbox"/>
Self Evaluation: Questi...	00:00	<input type="checkbox"/>
Self Evaluation: Questi...	00:00	<input type="checkbox"/>

The technical diagram on the right illustrates a network scenario with four base stations (represented by antenna icons) and four mobile users. One user is labeled 'k-user' and is highlighted in orange. The other three users are labeled 'k1-user' and are highlighted in pink. A dashed green box labeled 'intra-cell interference' is positioned between the top-right and bottom-right base stations, indicating the type of interference being discussed.

At the bottom of the interface, there is a progress bar showing '07:20 / 35:13 Minutes', a 'Score' section with '0 / 16', and a 'TOC' button.

IEEE XPLORE[®]平台功能

瀏覽



檢索



個人化



網址：www.ieeexplore.ieee.org

首頁總覽(I) NEW

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

檢索工具列:

- 全文檢索
- 各類文獻檢索
- 作者檢索
- 進階檢索
- 其他檢索

熱搜關鍵字

The screenshot shows the IEEE Xplore Digital Library homepage. The top navigation bar includes links for IEEE.org, IEEE Xplore, IEEE-SA, IEEE Spectrum, and More Sites. On the right, there are links for SUBSCRIBE, Cart (0), Create Account, and Personal Sign In. The main header features the IEEE Xplore logo, a 'Browse' dropdown menu, and 'My Settings' and 'Help' links. A search bar is prominently displayed with the text 'SEARCH 5,030,433 ITEMS' and an 'ADVANCED SEARCH' button. Below the search bar, a section titled 'Top Searches and Documents' displays various search terms in circular bubbles, each with a corresponding document count. The terms and counts are: Blockchain (3,390), Data Mining (111,692), Cloud Computing (64,711), 5G (19,387), Internet of Things (38,809), Big Data (45,108), Smart Grid (37,874), Deep Learning (29,930), Artificial Intelligence (194,294), Image Processing (353,989), Machine Learning (93,655), and Antenna (268,706). A 'See All' link is located at the bottom right of this section. Below the 'Top Searches and Documents' section, there is a 'Featured Articles' section with three placeholder boxes.

IEEE Xplore Digital Library

Browse My Settings Help

Advancing Technology for Humanity

SEARCH 5,030,433 ITEMS

All

ADVANCED SEARCH

Top Searches and Documents

Search Term	Count
Blockchain	3,390
Data Mining	111,692
Cloud Computing	64,711
5G	19,387
Internet of Things	38,809
Big Data	45,108
Smart Grid	37,874
Deep Learning	29,930
Artificial Intelligence	194,294
Image Processing	353,989
Machine Learning	93,655
Antenna	268,706

See All

Featured Articles

首頁總覽(II) NEW

Featured Articles

熱門期刊內容



Children May Trust Robots More Than Human Physical Therapists

1 Sep 2019



Unlocking IoT Data with 5G and AI

26 June 2019

[READ MORE](#)



Wanted: A Bomb Detector as Sensitive as a Dog's Nose

2 Oct 2019

[READ MORE](#)

Featured Content and News

IEEE 最新消息



New Course Program Explores IEEE Standard 1547TM - 2018

[READ MORE](#)



IEEE Launches TechRxiv Preprint Server

[READ MORE](#)



IEEE Announces Call for Papers for New Open..

[READ MORE](#)



IEEE Authors: Manage and Store Your Research Data..

[READ MORE](#)

IEEE 即將舉辦之研討會

Upcoming Conferences

11 DE C	2019 IEEE 58th Conference on Decision and Control (CDC)	REGISTER	11-13 DECEMBER 2019 NICE, FRANCE	🔗
18 JA N	IEEE International Conference on Micro Electro Mechanical Systems	REGISTER	18-22 JANUARY 2020 VANCOUVER, BRITISH COLUMBIA, CANADA	🔗
8 M AR	2020 Optical Fiber Communications Conference and Exhibition (OFC)	REGISTER	8-12 MARCH 2020 SAN DIEGO, USA	🔗

Feedback 用戶回饋 NEW

IEEE Xplore每個頁面右側
Feedback功能給予回饋

The image displays a screenshot of the IEEE Xplore Digital Library website. A feedback modal is open in the center, titled "IEEE Xplore Digital Library". It asks "What do you think of this?" and provides five smiley face icons for rating. Below the icons, it says "Powered by Usabilla". The modal offers three feedback options: "Specific feedback" (I'd like to give feedback on a specific part of this page.), "Generic feedback" (I'd like to give general feedback on the entire website.), and "Need Help? Contact & Support". A "Feedback" button is visible on the right side of the page, with a red dotted line pointing to it from the text above. The background shows the website's navigation menu, search bar, and various content sections like "Top Searches and" and "Blockchain 3,393".

IEEE *Xplore*[®] 平台功能



瀏覽功能Browse

IEEE Xplore®
Digital Library



依照文獻類別瀏覽

- a) 書籍
- b) 會議論文
- c) 線上課程
- d) 期刊雜誌
- e) 技術標準

1. 期刊雜誌瀏覽

All

Advanced Search | Other Search Options ▾

Browse Journals & Magazines ⓘ

By Title | By Topic | Virtual Journals

Search by keywords Sign Up for Alerts

Browse Titles ⓘ

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

Displaying Results 1-25 of 337 Sort By: Publication Title A - Z ▾ | Per Page: 25 ▾

Refine results by

Show active titles only

Year ^

Single Year Range

1872, 2019

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 Aerospace and Electronic Systems
Publisher: IEEE Years: 1965 - Present Most Recent Issue

可輸入關鍵字查詢刊名

依開頭字母順序查詢

期刊清單

預先設定顯示筆數

期刊雜誌搜尋畫面

All Enter keywords or phrases (Note: Searches metadata only by default. A search for 'smart grid' = 'smart AND grid')

Advanced Search | Other Search Options

依主題領域查詢，共有16種科技領域主題

Browse Journals & Magazines

By Title

By Topic

Virtual Journals

Search by keywords

Sign Up for Alerts | Title List

Browse Titles

A | B | C | D | E | F | G | H | I | J | K | L | M | N

下關鍵字搜尋期刊名稱

- 9 | All

Displaying Results 1-25 of 337

Sort By: Publication Title A - Z | Per Page: 25

Refine results by

Show active titles only

Year

Single Year

Range

1872,

2019

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 Aerospace and Electronic Systems

Publisher: IEEE Years: 1965 - Present Most Recent Issue

期刊雜誌搜尋結果

Browse Journals & Magazines

輸入關鍵字查詢

By Title

By Topic

Virtual Jour

Network



Sign Up for Alerts | Title List

設定排序條件

預先設定顯示筆數

Browse Titles

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

Displaying Results 1-14 of 14 for Network

Sort By: Publication Title A - Z | Per Page: 25

Year

Single Year Range

1987 2019

From To

1987 2019

Publisher

IEEE (12)

IET (1)

OUP (1)

Topic

Communication, Networking & Broadcasting (12)

Computing & Processing (7)

Components, Circuits, Devices &

EE Transactions on Cognitive Communications and Networking

Publisher: IEEE Years: 2015 - Present Most Recent Issue

Journal of Communications and Networks

Publisher: IEEE Years: 1999 - Present Most Recent Issue

Journal of Complex Networks

Publisher: OUP Years: 2013 - Present Most Recent Issue

EE Transactions on Control of Network Systems

Publisher: IEEE Years: 2014 - Present Most Recent Issue

Transactions on Green Communications and Networking

Publisher: IEEE Years: 2017 - Present Most Recent Issue

Powered by IEEE
TRY Engineering
Summer Institute

Discover the fun of engineering.

ENROLL NOW

Discover the powerful new API

左邊檢索欄可以進階篩選年份/出版社/主題

期刊首頁介紹

Browse Journals & Magazines | IEEE Network

IEEE Network

Submit Your Manuscript | Add Title To My Alerts

Home | Popular | Early Access | Current Issue | All Issues | About Journal

7.197 Impact Factor | 0.0091 Eigenfactor | 2.096 Article Influence Score

當期出版 | 所有文獻 | 期刊介紹

Impact Factor 期刊影響係數:
分析期刊被引用狀況, 以呈現其影響力的指標

主旨
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. [View Full Aims & Scope](#)

點選連結至IEEE Author Center 可獲得更多投稿出版資訊

IEEE Author Center
Publish with IEEE | IEEE Journals | IEEE Conferences


Advertisement: Need Full-Text

Advertisement: MyXplore Mobile App

期刊資訊介紹

Browse Journals & Magazines > IEEE Network 

IEEE Network

 Submit
Your Manuscript

 Add Title
To My Alerts 



- Home
- Popular
- Early Access
- Current Issue
- All Issues
- About Journal**

7.197
Impact
Factor

0.0091
Eigenfactor

2.096
Article
Influence
Score 

[View Title History](#)

Aims & Scope

主旨

Author Resources

[Submission
Guidelines](#)

[Submit Your
Manuscript](#)

[Author Center](#)

[Become a
Reviewer](#)

[Additional
Information](#)

[Open Access
Publishing Options](#)

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.

Publication Details

- [IEEE Network Magazine](#)

Frequency: 6

出版頻率

Advertisement

Need
Full-Text
access to IEEE Xplore
for your organization?

[REQUEST A FREE TRIAL >](#)

Advertisement

MyXplore®
Mobile App

get
the latest
IEEE
Research
Anytime, anywhere

HINTON
INFORMATION SERVICES



IEEE

期刊瀏覽-熱門文獻

Browse Journals & Magazines > IEEE Network 

IEEE Network

 Submit
Your Manuscript

 Add Title
To My Alerts




Home

Popular

Early Access

Current Issue

每月熱門Top 50

Popular Documents - April 2019  Popular Article Feed


Includes the 50 most frequently accessed documents for this publication.

Download PDFs  | Export  | Email Selected Results 


Displaying Results 1-50 of 50

點選標題查看更多資訊

Date

April 2019 

Select All on Page

Learning IoT in Edge: Deep Learning for the Internet of Things with Edge Computing 

He Li ; Kaoru Ota ; Mianxiong Dong

Publication Year: 2018, Page(s): 96 - 101

Cited by: Papers (33)

 Abstract   (221 Kb) 

直接下載PDF檔

Blockchain-Enabled Security in Electric Vehicles Cloud and Edge Computing 

Hong Liu ; Yan Zhang ; Tao Yang

Publication Year: 2018, Page(s): 78 - 83

Cited by: Papers (5)

 Abstract   (270 Kb) 

期刊瀏覽-單篇文獻介紹

Journals & Magazines > IEEE Network > Volume: 32 Issue: 1

Learning IoT in Edge: Deep Learning for the Internet of Things with Edge Computing

3 Author(s) He Li ; Kaoru Ota ; Mianxiong Dong [View All Authors](#)

文章標題

33 Paper Citations
10510 Full Text Views

文章摘要



Abstract

Document Sections

1. Introduction
2. Related Work
3. Deep Learning for IoT in Edge Computing
4. Scheduling Problem and Solution
5. Performance Evaluation

Abstract:

Deep learning is a promising approach for extracting accurate information from raw sensor data from IoT devices deployed in complex environments. Because of its multilayer structure, deep learning is also appropriate for the edge computing environment. Therefore, in this article, we first introduce deep learning for IoTs into the edge computing environment. Since existing edge nodes have limited processing capability, we also design a novel offloading strategy to optimize the performance of IoT deep learning applications with edge computing. In the performance evaluation, we test the performance of executing multiple deep learning tasks in an edge computing environment with our strategy. The evaluation results show that our method outperforms other optimization solutions on deep learning for IoT.

Published in: IEEE Network (Volume: 32 , Issue: 1 , Jan.-Feb. 2018)

Page(s): 96 - 101

INSPEC Accession Number: 17524460

關聯文獻

More Like This

Internet of Things and Edge Cloud Computing Roadmap for Manufacturing
IEEE Cloud Computing
Published: 2016

Internet of Things Monitoring System of Modern Eco-Agriculture Based on Cloud Computing
IEEE Access
Published: 2019

專利文獻資訊



期刊雜誌瀏覽-Citation Map

Abstract

Document Sections

1. Quality Comparisons and Classification of Metrics
2. Qualitative Relationship between QoE and QoS
3. The Exponential Relationship between QoE and QoS
4. Mapping of Weighted Session Time to Perceived Web Browsing Quality
5. Cancellation Rate of Web Browsing Users

Show Full Outline ▾

Authors

Figures

References

Citations

Keywords

Metrics

mechanisms that build on QoS monitoring.

ACKN

The spo
through
Founda
acknow
German
alone an

Authors

Figures

Referenc

Citati

1. "ITU-T

2008.

► Show

2. A. Bou

for Intern

► Show

3. "ITU-T

2005.

Citation Map

This view provides a high-level visual representation of references and citing documents for this article. To view the full listing, select "View All References" or "View All Citations".

[View All References](#)

[View All Citations](#)

查看本文所引用的文獻

後續引用本文的文獻

References in this Article

- 6 Mapping Function for Transforming P.862 Raw Result Scores to MOS-LQO
- 7 Relationship between Quality-of-service and Quality-of-Experience for Public Internet Service
- 8 Internet Low Bit Rate Codec (iLBC)
- 9 Testing the IQX Hypothesis for Exponential Interdependency between QoS and QoE for Voice Codecs iLBC and ...
- 10 Packet Reordering Metrics

This Article

Citations to this Article

- 1 A Cloud-Based Architecture for the Internet of Spectrum Devices Over Future Wireless Networks
- 2 Maximizing Quality of Experience in Device-to-Device Communication Using an Evolutionary Algorithm Based on Users' Behav...
- 3 Audio-Visual Multimedia Quality Assessment: A Comprehensive Survey
- 4 Mathematical Bottom-to-Up Approach in Video Quality Estimation Based on PHY and MAC Parameters
- 5 Novel AHP-based QoE factors' selection approach

期刊常用功能

Journals & Magazines > IEEE Network > Volume: 32 Issue: 1

Learning IoT in Edge: Deep Learning for the Internet of Things with Edge Computing

3 Author(s) He Li ; Kaoru Ota ; Mianxiong Dong [View All Authors](#)

33 Paper Citations
10510 Full Text Views

PDF下載

Email 本文鏈結



下載Citation

Abstract

Abstract:

Deep learning is a promising approach for extracting sensor data from IoT devices deployed in complex environments. Because of its multilayer structure, deep learning is also appropriate for the edge computing environment. Therefore, in this article, we first introduce deep learning for IoTs into the edge computing environment. Since existing edge nodes have limited processing capability, we also design a novel offloading strategy to optimize the performance of IoT deep learning applications with edge computing. In the performance evaluation, we test the performance of executing multiple deep learning tasks in an edge computing environment with our strategy. The evaluation results show that our method outperforms other optimization solutions on deep learning for IoT.

Published in: IEEE Network (Volume: 32 , Issue: 1 , Jan.-Feb. 2018)

Page(s): 96 - 101

INSPEC Accession Number: 17524460

Document Sections

1. Introduction
2. Related Work
3. Deep Learning for IoT in Edge Computing
4. Scheduling Problem and Solution
5. Performance Evaluation

More Like This

Internet of Things and Edge Computing Roadmap for Manufacturing and Cloud Computing
Published: 2016

Internet of Things Monitoring System of Modern Eco-Agriculture Based on Cloud Computing
IEEE Access
Published: 2019

[View More](#)



See the top organizations patenting in technologies mentioned in this article



[Click to Expand >](#)

2. 會議論文瀏覽

Browse Conferences

By Title | **By Topic**

主題領域查詢

Search by keywords  **在檢索欄位輸入關鍵字查詢**

Sign Up for Alerts

Title List

所有會議論文清單

Browse Titles

A | B | C | D | **E** | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | 0-9 | All

Displaying Results 1-25 of 7,946

Per Page 25 | v

依開頭字母順序查詢

Refine results by ?

Year ^

Single Year | Range

1936 2019

From 1936 To 2019

Publisher v

Topic v

Winter Applications and Computer Vision Workshops (WACVW), IEEE
Publisher: IEEE
[Show Title History](#)

ARFTG Conference
Publisher: IEEE
[Show Title History](#)

China-Qatar International Workshop on Artificial Intelligence and Applications to Intelligent Manufacturing (AIAM)
Publisher: IEEE
[Show Title History](#)

3. 標準瀏覽

依標準編號範圍查詢

Browse Standards

By Collection

By Number

By Topic

By ICS Code

Reading Room

IEEE GET Program™

Select Publisher:

IEEE

SMPTE

依主題領域查詢

Show:

All Content

Subscribed Content

Search by keywords or by standards number



Sign Up for Alerts

Title List

All Collections >

Information Technology >

Power and Energy >

Smart Grid Research >

Telecommunications >

Test Suite Specifications >

2017 National Electrical Safety Code (NESC) and Handbook Online

2017 National Electrical Safety Code (NESC) Online

Aerospace Electronics

eHealth

Foundations for Smart Grid

Information Technology >

Learning Technology

Nuclear Engineering

Power and Energy >

Robotics and Automation

Smart Grid Research >

Storage Systems Collection

Telecommunications >

Test Suite Specifications >

Vehicular Technology

Wake-Up Radio

Browse Standards

By Collection

By Number

Select Publisher: IEEE

Search by keywords or by standard number

Browse Standard Range

0 - 99 | 100 - 199 | 200 - 299 | 300 - 399 | 400 - 499 | 500 - 599 | 600 - 699 | 700 - 799 | 800 - 899 | 900 - 999 | 1000 - 1099 | 1100 - 1199 | 1200 - 1299 | 1300 - 1399 | 1400 - 1499 | 1500 - 1599 | 1600 - 1699 | 1700 - 1799 | 1800 - 1899 | 1900 - 1999 | 2000 - 2099 | 2100 - 2199 | 2200 - 2299 | 2300 - 2399 | 2400 - 2499 | 2500 - 2599 | 2600 - 2699 | 2700 - 2799 | 2800 - 2899 | 2900 - 2999 | 3000 - 3099 | 3100 - 3199 | 3200 - 3299 | 3300 - 3399 | 3400 - 3499 | 3500 - 3599 | 3600 - 3699 | 3700 - 3799 | 3800 - 3899 | 3900 - 3999 | 4000 - 4099 | 4100 - 4199 | 4200 - 4299 | 4300 - 4399 | 4400 - 4499 | 4500 - 4599 | 4600 - 4699 | 4700 - 4799 | 4800 - 4899 | 4900 - 4999 | 5000 - 5099 | 5100 - 5199 | 5200 - 5299 | 5300 - 5399 | 5400 - 5499 | 5500 - 5599 | 5600 - 5699 | 5700 - 5799 | 5800 - 5899 | 5900 - 5999 | 6000 - 6099 | 6100 - 6199 | 6200 - 6299 | 6300 - 6399 | 6400 - 6499 | 6500 - 6599 | 6600 - 6699 | 6700 - 6799 | 6800 - 6899 | 6900 - 6999 | 7000 - 7099 | 7100 - 7199 | 7200 - 7299 | 7300 - 7399 | 7400 - 7499 | 7500 - 7599 | 7600 - 7699 | 7700 - 7799 | 7800 - 7899 | 7900 - 7999 | 8000 - 8099 | 8100 - 8199 | 8200 - 8299 | 8300 - 8399 | 8400 - 8499 | 8500 - 8599 | 8600 - 8699 | 8700 - 8799 | 8800 - 8899 | 8900 - 8999 | 9000 - 9099 | 9100 - 9199 | 9200 - 9299 | 9300 - 9399 | 9400 - 9499 | 9500 - 9599 | 9600 - 9699 | 9700 - 9799 | 9800 - 9899 | 9900 - 9999 | C | N | S | T | Y | All

1 - IEEE Standard General Principles for Temperature Limits in the Rating of Electric Equipment and for the Evaluation of Electrical Insulation

Publisher: IEEE

Hide Version Details

Active

現行

Approved

1-2000 - IEEE Recommended Practice - General Principles for Temperature Limits in the Rating of Electrical Equipment and for the Evaluation of Electrical Insulation

» Revision of ANSI/IEEE Std 1-1986

Inactive

歷史

Superseded

1-1986 - IEEE Standard General Principles for Temperature Limits in the Rating of Electric Equipment and for the Evaluation of Electrical Insulation

» 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

Refine results by

Standard Status

Active (1,241)

Inactive (1,621)

Standard Type

Standard Docs (1,886)

Research Documents (8)

List

99 | 3000 - >

IEEE Standards Dictionary

Access your IEEE Account.

Need an account? Sign-up for free today!

Related Links

Standards Status Report Data and Creation Sheets

利用左邊檢索欄位篩選的狀態/類型/主題

標準瀏覽-紅線標準 Redline Standards

PDF檔瀏覽全文:
紅線表示更新版本，包含刪除、新增或更改

改版出處

C2-2017 - 2017 National Electrical Safety Code(F
Revision of National Electrical Safety Code, C2-2012
Status: ~~Active~~ **Redline**

View Document 1626 Full Text Views

Abstract Figures References Citations Keywords

Abstract:
This Code covers basic provisions for safeguarding of persons from hazards arising from conductors and equipment in electric supply stations, and (2) overhead and underground lines. It includes work rules for the construction, maintenance, and operation of electric systems. This Code is applicable to the systems and equipment operated by utilities, or similar systems, and to complex under the control of qualified persons. This Code consists of the introduction and the following chapters:

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 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

Search within results

Download PDFs ▼ | Per Page: 25 ▼ | Export ▼ | Set Sea

Displaying results 1-25 of 48,455 for "cloud computing" x

Conferences (41,115) Journals & Magazines (6,185) Early Access Articles (804)

Books (291) Courses (55) Standards (5)

Show


All Results

My Subscribed Content

Open Access

Year

Select All on Page Sort By: Most Cited [By Papers] ▼

The Case for VM-Based Cloudlets in Mobile Computing 

Mahadev Satyanarayanan ; Paramvir Bahl ; Ramon Caceres ; Nigel Davies



IEEE Pervasive Computing

Year: 2009 , Volume: 8 , Issue: 4

Page s: 14 - 23

Cited by: Papers (1385) | Patents (16)

IEEE Journals & Magazines

▶ Abstract ((html))  (1704 Kb) 

((html))

HTML 全文瀏覽(B)

Abstract 文摘頁面

Cloud Computing for Mobile Users: Can Offloading Computation Save Energy?

2 Author(s) Karthik Kumar ; Yung-Hsiang Lu [View All Authors](#)

720
Paper
Citations

6
Patent
Citations

12157
Full
Text Views

快速掌握全文關鍵



Abstract

Document Sections

1. Saving Energy for Mobile Systems
2. Challenges and Possible Solutions

Authors

Figures

References

Citations

Keywords

Metrics

Abstract:

The cloud heralds a new era of computing where application services are provided through the Internet. Cloud computing can enhance the computing capability of mobile systems, but is it the ultimate solution for extending such systems' battery lifetimes?

Published in: [Computer](#) (Volume: 43 , Issue: 4 , April 2010)

Page(s): 51 - 56

INSPEC Accession Number: 11228200

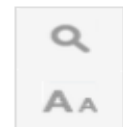
Date of Publication: 08 April 2010

DOI: 10.1109/MC.2010.98

ISSN Information:

Publisher: IEEE

利用左方列表跳轉至作者、圖像公式、引用 / 被引用文獻等資訊



IEEE *Xplore*[®] 平台功能



基本檢索Basic Search工具列

IEEE Xplore®
Digital Library

> Institutional Sign In



Browse ▾

My Settings ▾

Get Help ▾

Subscribe

Search 4,825,371 items

All ▾

Intelligent Control



Advanced Search

Other Search Options ▾

進階檢索 其他檢索

HINTON
INFORMATION SERVICES



基本檢索Basic Search-更精確的檢索結果



- 1.直接輸入關鍵字
- 2.關鍵字輸入引號更加精確
- 3.可輸入布林邏輯指令
AND、OR、NOT

選擇文獻類型/作者
/citations下關鍵字

未使用引號:cloud computing

使用引號:"cloud computing"

C-Cloud: A Cost-Efficient Reliable Cloud of Surplus Computing Resources
Partha Dutta ; Tridib Mukherjee ; Vinay Gangadhar Hegde ; Sujit Gujar
2014 IEEE 7th International Conference on Cloud Computing

A "No Data Center" Solution to Cloud Computing
Tessema Mengistu ; Abdulrahman Alahmadi ; Abdullah Albuali ; Yousef Alsenani ; Dunren Che
2017 IEEE 10th International Conference on Cloud Computing (CLOUD)

The screenshot shows a search interface with a top navigation bar containing 'Browse', 'My Settings', and 'Get Help'. Below this is a search bar with a magnifying glass icon. To the left of the search bar is a 'Year' filter section with a 'Single Year' and 'Range' tab, a slider from 1930 to 2019, and input fields for 'From' (1930) and 'To' (2019). Below the search bar are 'Advanced Search' and 'Other Search Options' links, along with 'Set Search Alerts' and 'Search History' options. A list of filters is on the left, including 'Year', 'Author', 'Affiliation', 'Publication Title', 'Publisher', 'Supplemental Items', 'Conference Location', 'Standard Status', 'Standard Type', and 'Index Terms'. A list of document types is on the right, including 'Journals & Magazines (7,126)', 'Early Access Articles (892)', 'Standards (10)', and 'Conferences (65)'. A 'Sort By: Relevance' dropdown menu is open, showing options: 'Relevance', 'Newest First', 'Oldest First', 'Most Cited [By Papers]', 'Most Cited [By Patents]', 'Publication Title A-Z', and 'Publication Title Z-A'. A search result snippet is visible, mentioning 'Cloud Computing' and 'White Paper'.

檢索列

Single Year Range

1930 2019

From To

1930 2019

Advanced Search | Other Search Options

Set Search Alerts | Search History

依目前搜尋結果再次輸入關鍵字搜尋

勾選文獻類型

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

關鍵字

Sort By: 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
- 字母排序

多重檢索範圍總結

更加精確的搜索及利用更多選項來擴大結果

作者

所屬單位

出版品標題

出版商

Author	Affiliation	Publication Title	Publisher
<input type="text" value="Enter Author Name"/> <input type="checkbox"/> Rajkumar Buyya (152) <input type="checkbox"/> Hai Jin (143) <input type="checkbox"/> Albert Y. Zomaya (127) <input type="checkbox"/> Schahram Dustdar (118) <input type="checkbox"/> Hui Li (99) View more...	<input type="text" value="Enter Affiliation"/> <input type="checkbox"/> University of Western Sydney (60) <input type="checkbox"/> School of Computer Engineering, Nanyang Technological University, Singapore (56) <input type="checkbox"/> Alcatel-Lucent Reliability (47) <input type="checkbox"/> School of Computer Science and Technology, Huazhong University of Science and Technology, Wuhan, China (40) <input type="checkbox"/> Beijing University of Posts and Telecommunications, Beijing 100876, China (39) View more...	<input type="text" value="Enter Title"/> <input type="checkbox"/> IEEE Access (769) <input type="checkbox"/> IEEE Cloud Computing (584) <input type="checkbox"/> IEEE Transactions on Cloud Computing (566) <input type="checkbox"/> IEEE Transactions on Parallel and Distributed Systems (377) <input type="checkbox"/> 2018 IEEE SmartWorld, Ubiquitous Intelligence & Computing, Advanced & Trusted Computing, Scalable Computing & Communications, Cloud & Big Data Computing, Internet of People and Smart City Innovation (SmartWorld/SCALCOM/UIC/ATC /CBDCOM/IOP/SCI) (358) View more...	<input type="checkbox"/> IEEE (55,810) <input type="checkbox"/> IET (304) <input type="checkbox"/> OUP (200) <input type="checkbox"/> Wiley (72) <input type="checkbox"/> TUP (69) View more...

多重檢索範圍總結

更加精確的搜索及利用更多選項來擴大結果

補充項目

Supplemental Items

- Media (432)
- Code (2)
- Datasets (1)

研討會舉辦地點

Conference Location

Enter Location

- Beijing (1,327)
- San Francisco, CA (1,218)
- Shanghai (822)
- New York, NY (796)
- Chengdu (792)

[View more...](#)

標準狀態

Standard Status

- Active (5)
- Inactive (4)

標準種類

Standard Type

- Standard Docs (6)
- Whitepapers (3)

關鍵字

Index Terms

Enter Terms

- cloud computing (34,565)
- resource allocation (5,691)
- mobile computing (4,813)
- virtual machines (4,520)
- security of data (3,852)

作者檢索與分析

Author



Enter Author Name

- Rajkumar Buyya (152)
- Hai Jin (143)
- Albert Y. Zomaya (127)
- Schahram Dustdar (118)
- Hui Li (99)
- Wei Wang (95)
- Bo Li (94)
- Laurence T. Yang (91)
- Jie Wu (90)
- Rajiv Ranjan (83)
- Meikang Qiu (82)
- Cong Wang (81)
- Antonio Puliafito (81)

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

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

Affiliation ^

Enter Affiliation

- University of Western Sydney (60)
- School of Computer Engineering, Nanyang Technological University, Singapore (56)
- Alcatel-Lucent Reliability (47)
- School of Computer Science and Technology, Huazhong University of Science and Technology, Wuhan, China (40)
- Beijing University of Posts and Telecommunications, Beijing 100876, China (39)
- Department of Computer Science and Technology, Tsinghua University, Beijing, China (37)
- State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China (37)

前25名出版機構

Affiliation ^

可檢索機構名、地名和國家

intel

- Beijing Key Laboratory of Intelligent Telecommunications Software and Multimedia, Beijing University of Posts and Telecommunications, Beijing, China (12)
- Intel (8)
- Intel Corporation (8)

Affiliation ^

Taiwan

- Department of Computer Science, National Chiao Tung University, Hsinchu, Taiwan (13)
- Department of Computer Science, National Tsing Hua University, Hsinchu, Taiwan (12)
- Department of Electrical Engineering, National Taiwan University, Taipei, Taiwan (11)
- Institute of Information Science, Academia Sinica, Taipei, Taiwan (11)

多重縮小檢索範圍

了解哪些期刊、會議可能是投稿對象

Publication Title



Enter Title

- IEEE Access (769)
- IEEE Cloud Computing (584)
- IEEE Transactions on Cloud Computing (566)
- IEEE Transactions on Parallel and Distributed Systems (377)
- 2018 IEEE SmartWorld, Ubiquitous Intelligence & Computing, Advanced & Trusted Computing, Scalable Computing & Communications, Cloud & Big Data Computing, Internet of People and Smart City Innovation (SmartWorld/SCALCOM/UIC/ATC/CBDCom/IOP/SCI) (358)

Publisher



- IEEE (55,810)
- IET (304)
- OUP (200)
- Wiley (72)
- TUP (69)
- IBM (65)
- MITP (48)
- SMPTE (43)
- VDE (19)
- Morgan & Claypool (16)
- AGU (14)
- Nokia Bell Labs (14)

Conference Location



Enter Location

- Beijing (1,327)
- San Francisco, CA (1,218)
- Shanghai (822)
- New York, NY (796)
- Chengdu (792)
- Guangzhou (734)
- London (723)
- Washington, DC (678)
- Hangzhou (642)
- Singapore (642)
- Noida (628)

Advanced Search Options

Advanced Keyword/Phrases | Command Search | Citation Search | Preferences

ENTER KEYWORDS OR PHRASES, SELECT FIELDS, AND SELECT OPERATORS
Note: Refresh page to reflect updated preferences.

Metadata Only Full Text & Metadata

輸入關鍵字

欄位設定

增加欄位

SEARCH

CONTENT FILTER

All Results
 Open Access

出版單位

PUBLISHER

Return Results from

<input type="checkbox"/> IEEE(4,377,041)	<input type="checkbox"/> BIAI(3,319)
<input type="checkbox"/> IET(243,517)	<input type="checkbox"/> TUP(2,719)
<input type="checkbox"/> OUP(78,765)	<input type="checkbox"/> URSI(1,130)
<input type="checkbox"/> MITP(26,270)	<input type="checkbox"/> Morgan & Claypool(8)
<input type="checkbox"/> SMPTE(25,498)	<input type="checkbox"/> now(492)
<input type="checkbox"/> VDE(11,507)	<input type="checkbox"/> SAIIEE(381)
<input type="checkbox"/> AGU(8,027)	<input type="checkbox"/> CSEE(222)
<input type="checkbox"/> IBM(6,496)	<input type="checkbox"/> CES(119)

CONTENT TYPES

文獻類型

<input type="checkbox"/> Conferences (3,372,094)	<input type="checkbox"/> Early Access Articles (17,765)
<input type="checkbox"/> Journals & Magazines (1,359,601)	<input type="checkbox"/> Standards (9,421)
<input type="checkbox"/> Books (43,812)	<input type="checkbox"/> Courses (487)

PUBLICATION YEAR

出版年份

Documents Added Between: (01/30/2019 and 02/06/2019)
 Specify Year Range From: All To: Present
 All Available Years

SEARCH

操作練習: 檢索功能


1. 用檢索功能。

關鍵字：**Big Data**。年代：**2017-2019**年
查找 *被期刊引用次數高* 的文章。

2. 請開啟並下載：

 PDF

((html))

 Download Citations



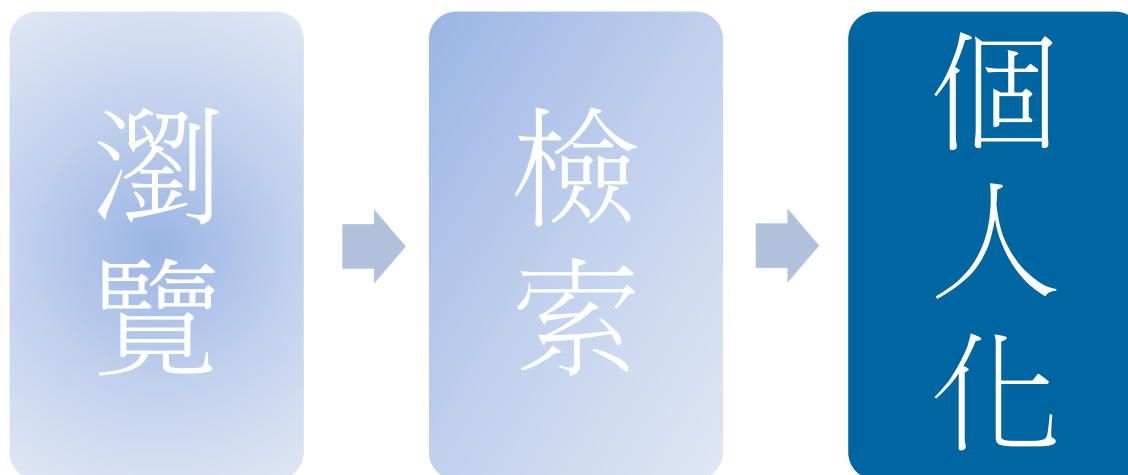
3. 滾雪球研究：



Citation Map

相關文獻瀏覽

IEEE *Xplore*[®] 平台功能



個人化設定 **My Setting** **NEW**

IEEE.org | IEEE Xplore | IEEE-SA | IEEE Spectrum | More Sites

Cart (0) | Create Account | Personal Sign In

IEEE Xplore[®]
Digital Library

Browse ▾

My Settings ▾ Help ▾

Access provided by:
IEEE - Sales

Sign Out



- Alerts
- MyXploreApp
- Preferences
- Purchase History
- Search History
- What can I access?

All

1. 快報通知 (Alerts) **NEW**
2. APP (MyXplore APP)
3. 搜尋偏好 (Preferences)
4. 訂閱紀錄(Purchase History) **NEW**
5. 搜尋紀錄 (Search History)
6. 校內可查看內容(What can I access?)

免費申請帳號 (Create Account)



IEEE.org | IEEE Xplore | IEEE-SA | IEEE Spectrum | More Sites | SUBSCRIBE | Cart (0) | Create Account | Personal Sign In

IEEE Xplore® Digital Library | Browse ▾ | My Settings ▾ | Help ▾ | Institutional Sign In | IEEE

Create an IEEE Account

*Required fields

Provide your personal information

*Given/First name:

*Last/Family/Surname:

Enter e-mail address & password
The e-mail address provided here will be the username of your account

*E-mail address:

*Re-enter e-mail address:

*Password: [What is a valid password?](#)

*Confirm Password:

Password Strength

Alert I. 快報通知 (Content Alert)

The screenshot displays the IEEE Xplore Digital Library interface. At the top right, the 'My Settings' dropdown menu is open, with a red arrow pointing to it. The menu items include Alerts, MyXploreApp, Preferences, Purchase History, Search History, and What can I access?. Below the search bar, the 'Alerts' section is visible, with a red box highlighting the 'Journals & Magazines' tab. The search results are refined by 'Content Type', with 'IEEE Aerospace and Electronic Systems Magazine' selected. An advertisement for 'Accessibility Testing' is shown on the right side of the page.

IEEE Xplore[®] Digital Library

My Settings ▾ Help ▾

Alerts

MyXploreApp

Preferences

Purchase History

Search History

What can I access?

All

All ▾ Enter keywords or phrases (Note: Searches metadata only by default. A search for 'sm

Alerts ⓘ

Manage your research quickly and efficiently with convenient email alerts. Alerts will be sent to sharon.hsu@hint

Journals & Magazines Conferences Standards Books Citation

Refine Results by Select All

Content Type ^

IEEE Access

Journals (249)

Magazines (49)

IEEE Aerospace and Electronic Systems Magazine

Publisher ▾ IEEE Transactions on Aerospace and Electronic Systems

Advertisement

Accessibility Testing

We are recruiting assistive technology users to share their experience on IEEE Xplore[®]


Honorarium Included


Alert I. 快報通知 (Content Alert)

< Journal Alert 期刊雜誌追蹤訂閱 >

Browse Journals & Magazines > IEEE Aerospace and Electronic ... ?

IEEE Aerospace and Electronic Systems Magazine

 Submit Your Manuscript

 Add Title To My Alerts



Home

Popular

Current Issue

All Issues

About Journal

2.113
Impact Factor

0.00162
Eigenfactor

0.448
Article Influence Score



IEEE Aerospace and Electronic Systems Magazine is a monthly magazine that publishes articles concerned with the various aspects of systems for space, air, ocean, or ground environments as well as news and information of interest to IEEE Aerospace and Electronic Systems Society members.

The articles in this journal are peer reviewed in accordance with the requirements set forth in the IEEE PSPB Operations Manual (sections 8.2.1.C & 8.2.2.A). Each published article was reviewed by a minimum of two independent reviewers using a single-blind peer review process, where the identities of the reviewers are not known to the authors, but the reviewers know the identities of the authors. Articles will be screened for plagiarism before acceptance.

檢索條件通知 (Save Search Alerts)

The screenshot shows a search engine interface with the following elements and annotations:

- Navigation:** "Browse", "My Settings", "Get Help" (top left).
- Search Bar:** "All" dropdown, "Enter keywords or phrases (Note: Searches metadata only by default. A search for 'smart grid' = 'smart AND grid')", search icon, "Advanced Search", "Other Search Options" (top right).
- Search Results:** "Showing 1-25 of 59,378 for ROBOT x automation x" (highlighted with a red box and labeled "檢索條件").
- Filters:** "Conferences (50,988)", "Journals (6,906)", "Magazines (1,243)", "Standards (6)", "Books (13)", "Courses (13)" (middle).
- Alerts Modal:** "Set Alert" dialog box with "Search Alert Name*" (containing "2020 PLAN A", highlighted with a red box and labeled "設定檢索條件名稱") and "Email Address" (containing "virginia.chen@hintoninfo.com"). A "Save" button is highlighted with a red box and labeled "點選檢索條件通知".
- Results List:** "An auto-teach/re-teach implementation of industrial robots for bio-product manufacturing" (highlighted with a red box and labeled "設定檢索條件名稱").
- Left Sidebar:** "Show" section with "All Results", "My Subscribed Content", "Open Access" (bottom left).
- Bottom:** "Year" dropdown (bottom left).

Alerts

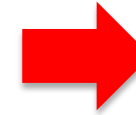
MyXplore App

Preferences

Purchase History

Search History

What can I access?



Alerts II. 檢索條件通知 (Save Search Alerts)

23 new results for 'iot mobile' Inbox x



IEEE Xplore Search Alerts <no-reply@ieee.org>
to me ▾

IEEE Xplore Search Alerts

Saved Search Name:
iot mobile

Search Query:
iotmobile::Content Type[Journals & Magazines,Early Access Articles]:

23 NEW RESULTS

View Results (https://ieeexplore.ieee.org/search/searchresult.jsp?searchWithin=mobile&contentType=periodicals&refinements=ContentType%3AJournals+.AND.+Magazines&refinements=ContentType%3AEarly+Access+Articles&sortType=&searchField=Search_All&queryText=iot&ranges=20180808_20180822_Search%20Latest%20Date&dld=aGludG9uaW5mby5jb20=&source=SEARCHALERT)

A Dynamic Edge Caching Framework for Mobile 5G Networks

<https://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=8443597&contentType=Early+Access+Articles&dld=aGludG9uaW5mby5jb20=&source=SEARCHALERT>

Posted Online: 08/22/2018

Author(s): Dinh Thai Hoang; Dusit Niyato; Diep N. Nguyen; Eryk Dutkiewicz; Ping Wang; Zhu Han

Published In: IEEE Wireless Communications

Multi-Access Mobile Edge Computing for Heterogeneous IoT

<https://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=8436038&contentType=Journals+%26+Magazines&dld=aGludG9uaW5mby5jb20=&source=SEARCHALERT>

Posted Online: 08/14/2018

Author(s): Yan Zhang; Yuan Wu; Hassnaa Moustafa; Danny H. K. Tsang; Alberto Leon-Garcia; Usman Javaid

Published In: IEEE Communications Magazine

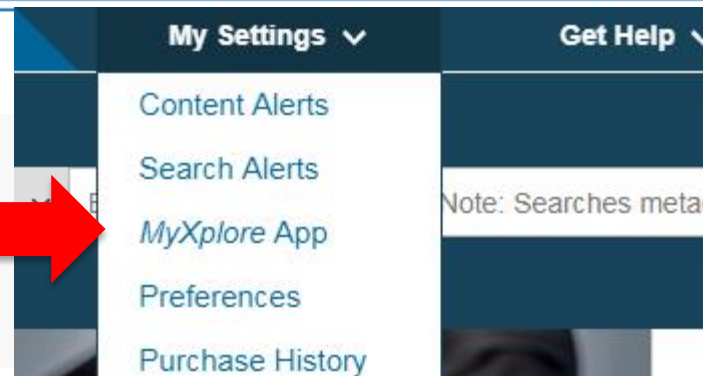
" Content Type[Journals & Magazines] "

You Searched For

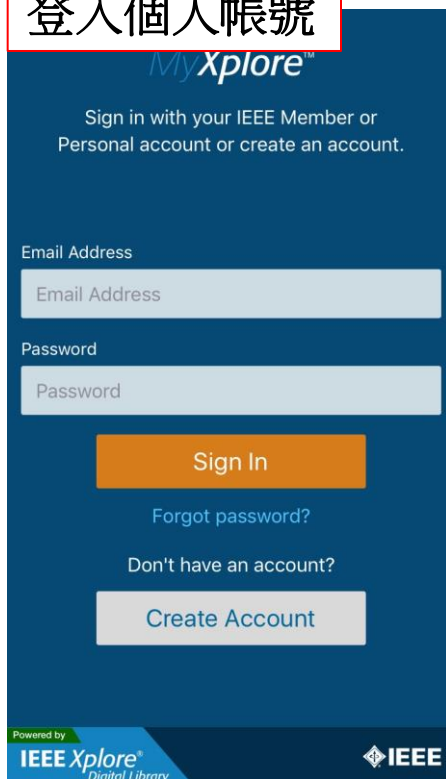
4 car with iot

發送檢索條件下最新文章的通知至e-mail

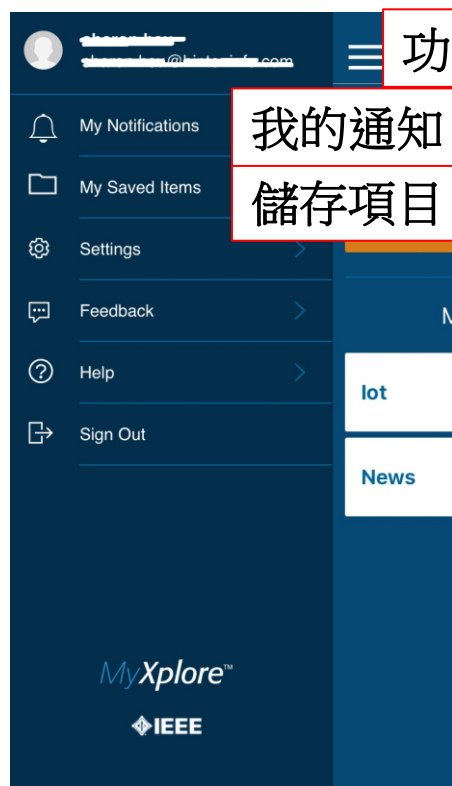
My Xplore App



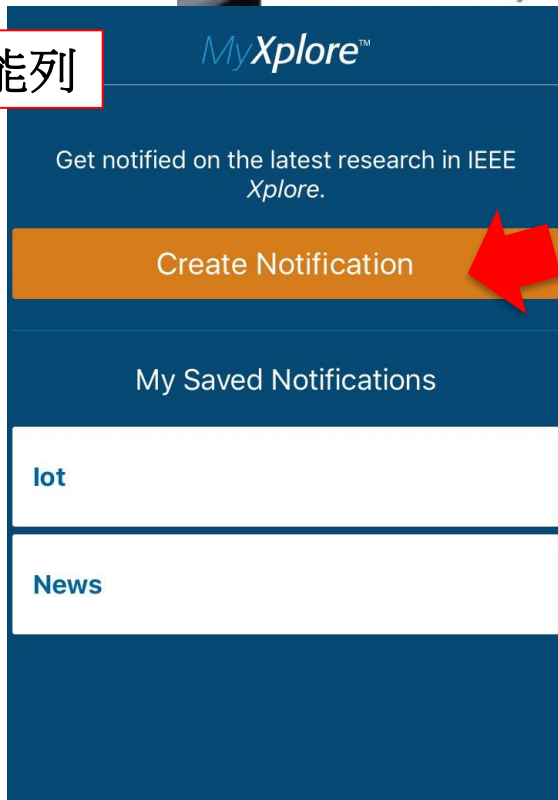
登入個人帳號



功能列



我的通知
儲存項目



新增關注主題



MyXplore®



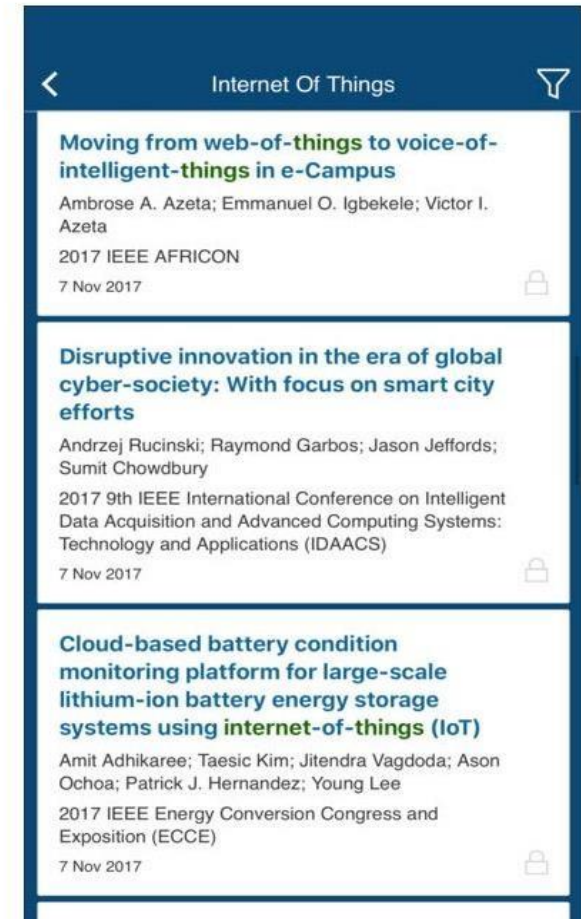
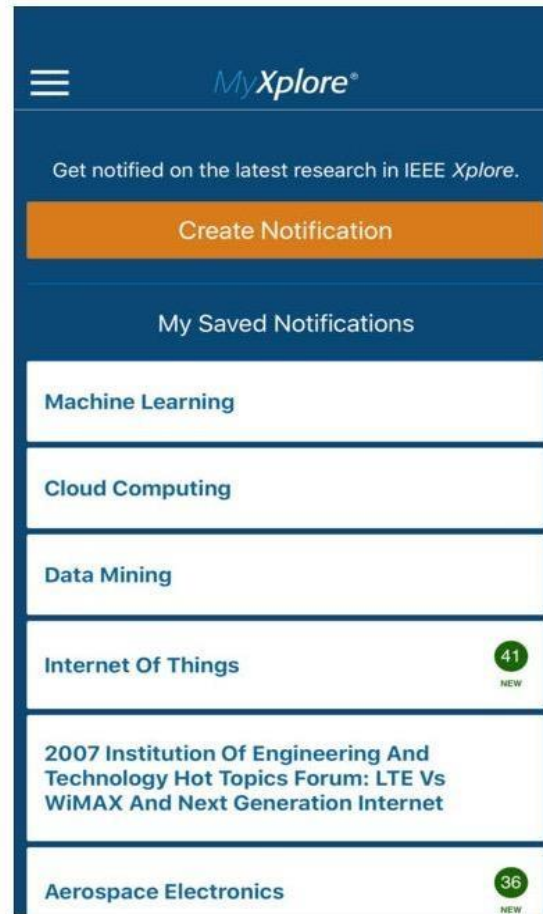
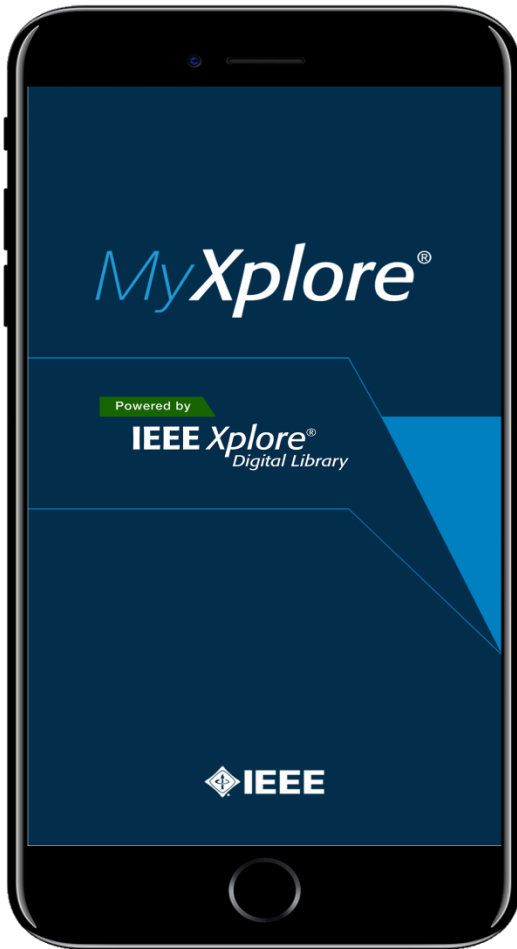
"My Xplore" App



Download on the
App Store



GET IT ON
Google Play



在平板或手機也可使用相同之查找檢索功能。

HINTON
INFORMATION SERVICES



MyXplore®



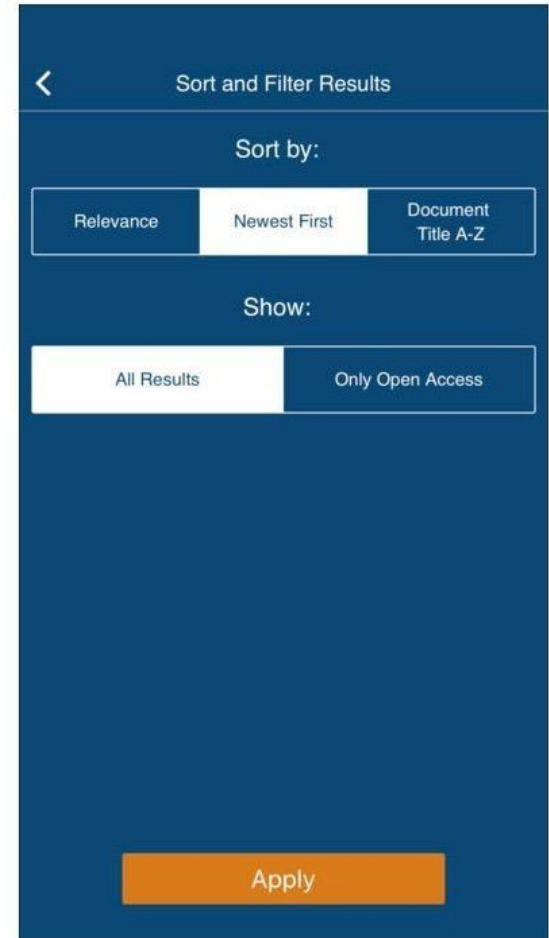
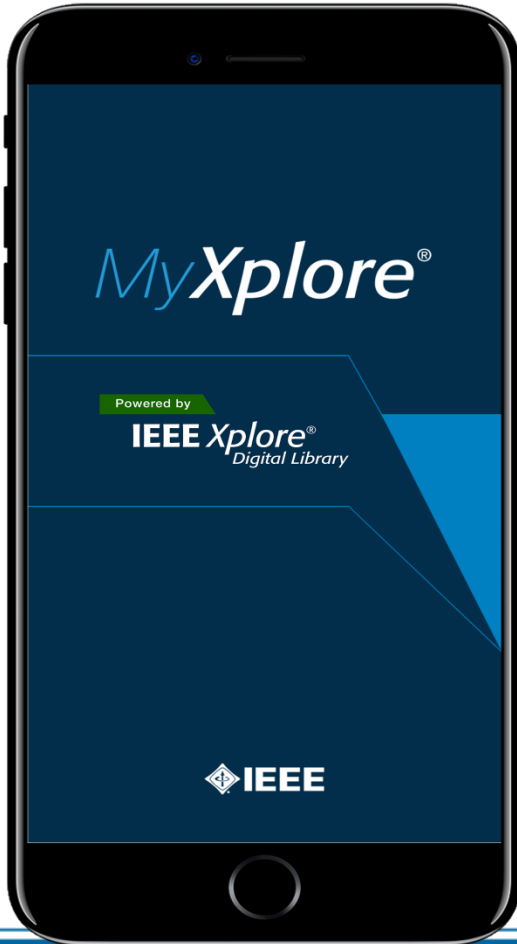
"My Xplore" App



Download on the
App Store



GET IT ON
Google Play



在平板或手機也可使用相同之查找檢索功能。

HINTON
INFORMATION SERVICES



My Xplore App

The image displays a comparison between the IEEE Xplore website and its mobile app. On the left, the website's 'My Saved Items' section is shown, with a red box highlighting a specific article: 'Secret Group-Key Generation at Physical Layer for Multi-Antenna Mesh Topology'. On the right, the mobile app's 'My Saved Items' screen is shown, with a red box highlighting the same article. A red arrow points from the website's article to the app's article, indicating synchronization. Another red arrow points from the website's 'My Settings' dropdown menu to the app's 'My Saved Items' screen. A central text box with a red border contains the Chinese text '瀏覽器與app 同步儲存' (Browser and app sync storage), with a red arrow pointing from it to the app's interface.

IEEE Xplore®
Digital Library

Institutional Sign In

Browse ▾ My Settings ▾ Get Help ▾ Subscribe

All ▾ Enter keywords or phrases (Note: Searches metadata only by default. A search for 'smart grid

My Saved Items ?

Access and manage your saved items from the *MyXplore* app.

Secret Group-Key Generation at Physical Layer for Multi-Antenna Mesh Topology
Chan Dai Truyen Thai; Jemin Lee; Jay Prakash; Tony Q. S. Quek
IEEE Transactions on Information Forensics and Security
17 May 2018

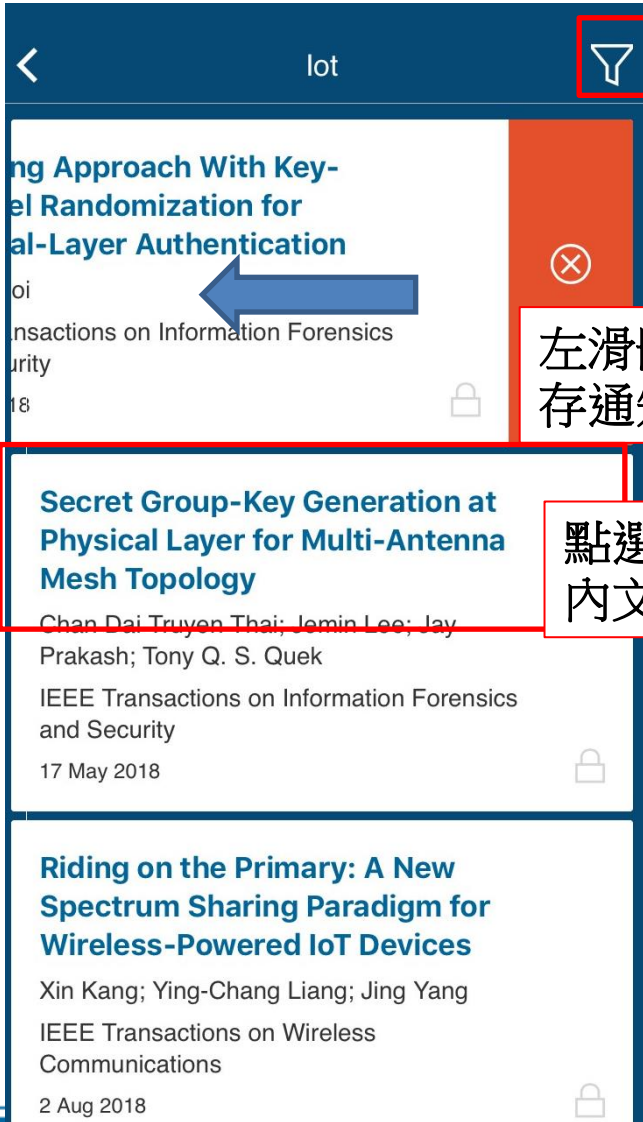
Secret Group-Key Generation at Physical Layer for Multi-Antenna Mesh Topology
Chan Dai Truyen Thai; Jemin Lee; Jay Prakash; Tony Q. S. Quek
IEEE Transactions on Information Forensics and Security
Jan. 2019

IEEE Account Purchase Details Profile Information
» Change Username/Password » Payment Options » Communications Pr

My Settings ▾
Content Alerts
Search Alerts
MyXplore App
Preferences
Purchase History

My Saved Items
Secret Group-Key Generation at Physical Layer for Multi-Antenna Mesh Topology
Chan Dai Truyen Thai; Jemin Lee; Jay Prakash; Tony Q. S. Quek
IEEE Transactions on Information Forensics and Security
17 May 2018

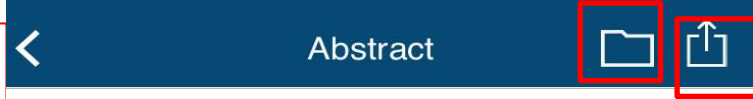
瀏覽器與app 同步儲存



選擇排序方式

左滑刪除或儲存通知

點選標題查看內文



加到我的儲存

分享

A Coding Approach With Key-Channel Randomization for Physical-Layer Authentication

AUTHOR(S)
Jinho Choi

JOURNAL/CONFERENCE
IEEE Transactions on Information Forensics and Security
15 Jun 2018

ABSTRACT
We propose a physical-layer challenge-response authentication approach in this paper based on combined shared secret key and channel state information between two legitimate nodes in an orthogonal frequency division multiplexing system. The proposed approach can be used even if the correlation of channel coefficients exists, which can be exploited to extract the shared secret key in conventional a...

至瀏覽器詳看全文

See More at IEEE Xplore

檢索偏好(Preference)

Preferences

Search Options

Search

All Metadata	Full Text & Metadata	Full Text Only 
--------------	----------------------	---

Search History Recording

On	Off
----	-----

Results Layout

Title Only	Title & Citation	Title, Citation & Abstract
------------	------------------	----------------------------

Results Per Page

25

Sort By

Newest First

Publisher

- ALL
- IEEE
- IET
- MITP
- SMPTE

[View more...](#)

Citation Download Options

Include

Citation Only	Citation & Abstract
---------------	---------------------

Format

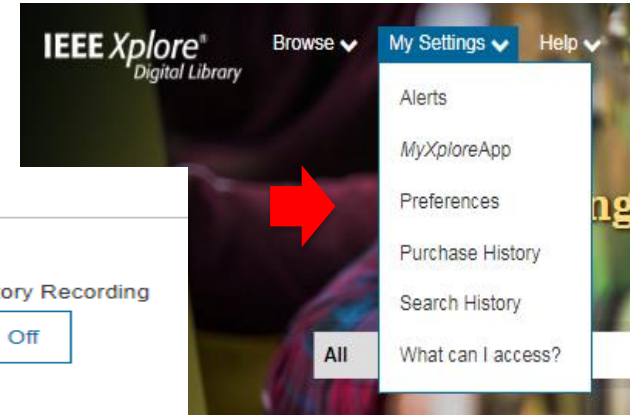
Plain Text	BibTex	RIS	RefWorks
------------	--------	-----	----------

Email Alert Options

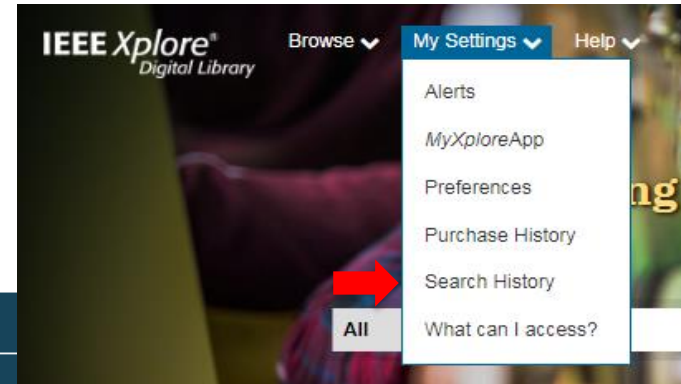
This will only be used for receiving e-mail alerts from IEEE Xplore. Changing this will not affect the e-mail address associated with your IEEE Account. [Learn more](#)

virginia.chen@hintoninfo.com

Update



檢索紀錄 (Search History)



Browse ▾

My Settings ▾

Get Help ▾

All ▾

Enter keywords or phrases (Note: Searches metadata only by default. A search for 'smart grid' = 'smart AND grid')

Advanced Search

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

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

SEARCH HISTORY TIPS

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

Select multiple searches to combine them together.

#	Search Query	Details
<input type="checkbox"/> 6	Artificial Intelligence You Refined By: Content Type: Conferences Journals Year: 2015-2020	84082 Dec. 6, 2019 16:12 UTC
<input type="checkbox"/> 2	ROBOT, automation	59378 Dec. 6, 2019 16:04 UTC

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

立刻掃描加入涵堂資訊LINE@好友

資料庫最新消息及功能x 抽獎活動 x 系統異常回覆 一手掌握



Hinton Info

@qwr7188d



HINTON
INFORMATION SERVICES

如有問題，歡迎
透過此與我們聯絡

HINTON
INFORMATION SERVICES



TAKEAWAY

- 使用IEEE Xplore® Digital library 文獻
 - 提升研究學習與國際俱進
- 熟悉平台收錄內容 獲取更完整多元文獻訊息
- 運用瀏覽、檢索、個人化設定功能提升工作效率

了解更**IEEE Xplore**[®]運用

- 觀看線上教學影片：
<http://ieeexplore.ieee.org/Xplorehelp/#/ieee-xplore-training/video-tutorials>
- 線上申請LIVE教育訓練：
www.ieee.org/go/training
- 體驗資料庫，請至：
www.ieee.org/ieeexplore

Contact us at service@hintoninfo.com
涵堂資訊有限公司 學術部門



The Best Professional Development Activity Winner -- IEEE University of Southampton Student Branch (STB09551), UK&RI Section

Questions?



涵堂資訊有限公司 陳佳慧 Virginia

Tel: (02) 2799-3110 ext. 216

Fax: (02) 2799-5560

Email: service@hintoninfo.com

HINTON
INFORMATION SERVICES
基泰國際關係企業

涵堂資訊有限公司

www.hintoninfo.com.tw

台北市11494內湖區瑞湖街103號(波昂科技中心)6樓之3

TEL :+886 2 27993110 FAX :+886 2 27995560