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台灣海洋大學 2021/10/26

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IEEE Xplore[®] 全文電子資料庫

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- 1) IEEE 學會介紹
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- 2) 檢索功能
- 3) 個人化設定



IEEE學會介紹



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

電機電子工程師學會

IEEE 簡介

- 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
- 核心運作方式
 - IEEE會員
 - 舉辦研討會
 - 標準委員會制定標準
 - 出版期刊、會議論文、標準、電子書及線上課程
- IEEE Xplore 資料庫涵蓋：
 - 收錄500萬+文獻內容
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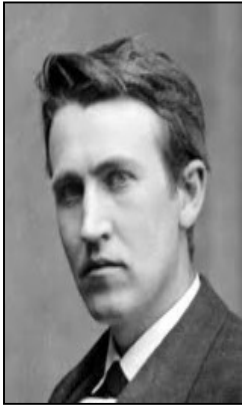


IEEE PES Scholar Razan Ghabin, an undergrad at Texas A&M, working on a water purification project in EL Salvador

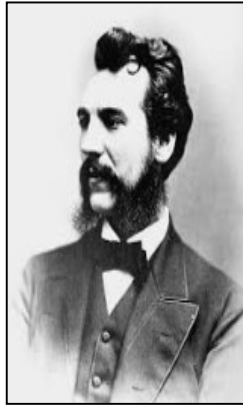


IEEE Smart Village project empowering villages in sub-saharan Africa

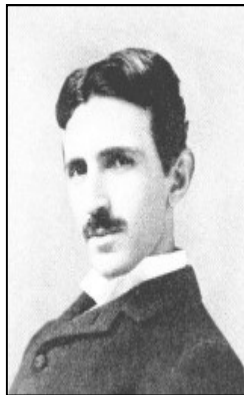
IEEE 的起源



Thomas Edison



Alexander Graham Bell



Nikola Tesla

Landmark exhibition at Franklin Inst. in Philadelphia, the American Institute of Electrical Engineers held its first conference on 7–8 Oct. 1884. This was the first formal technical conference on electrical engineering held in the U.S.



IEEE 歷史脈絡

1884

1912

1963

Present

Thomas Edison, Alexander Graham Bell, and other notables founded the **American Institute of Electrical Engineers**.



AIEE
American Institute
of Electrical Engineers



IRE
Institute of Radio
Engineers



AIEE and IRE merged to become the Institute of Electrical and Electronics Engineers, or **IEEE**.

Pioneers of wireless technologies and electronics founded the more internationally focused **Institute of Radio Engineers**.

IEEE 運作方式

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



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

39個專業分會

IEEE Societies

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:

20 of the top 25 journals in Electrical and Electronic Engineering

9 of the top 10 journals in Telecommunications

The top 5 journals in Automation & Control Systems

8 of the top 10 journals in Computer Science, Artificial Intelligence

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

The top 3 journals in Computer Science, Cybernetics

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

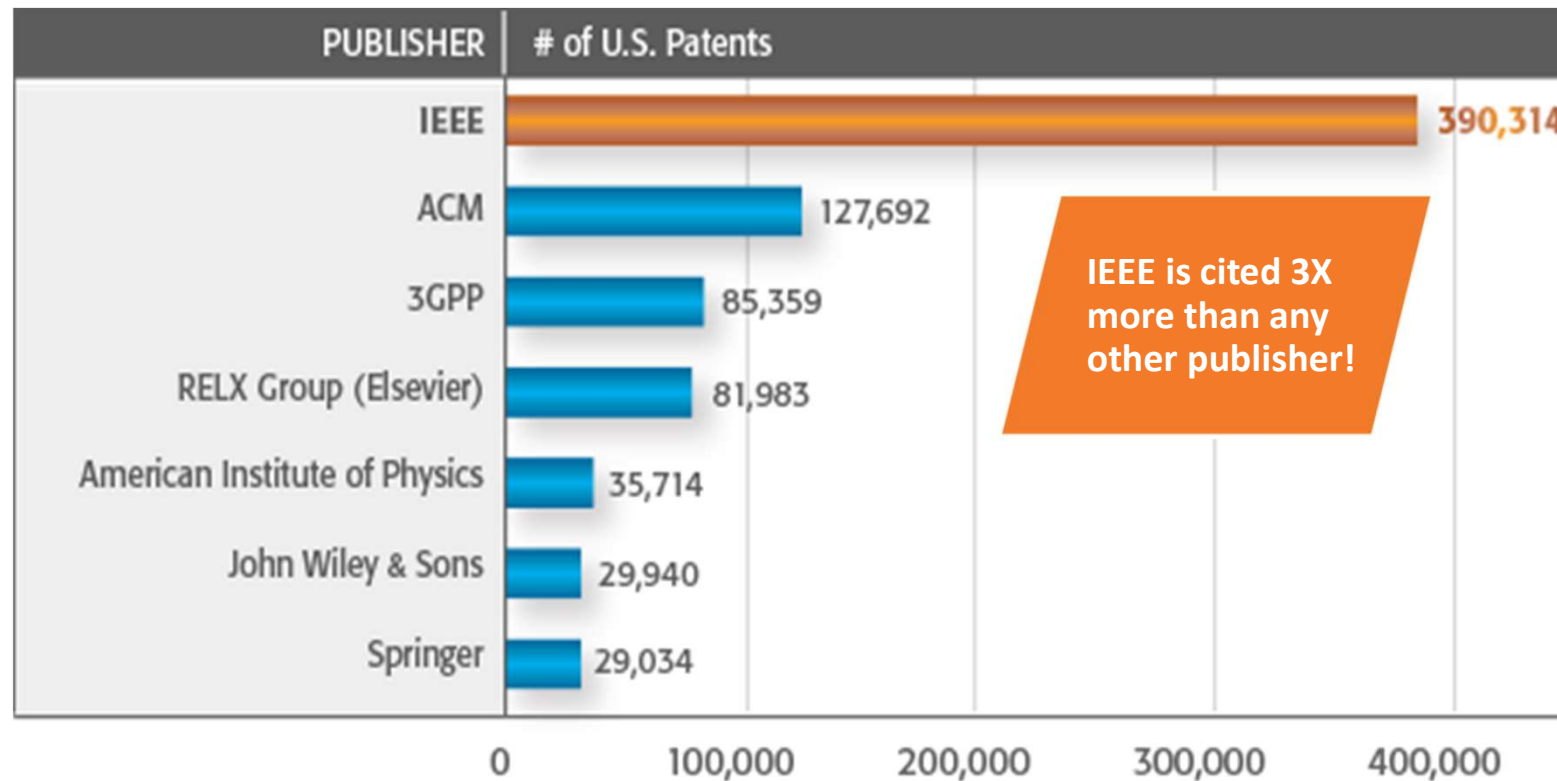
Source: Journal Citation Reports study, released in June 2021

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

More info: www.ieee.org/citations

IEEE文獻 專利引用率第一

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IEEE Electrical Library

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Data as of January 2019

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New IEEE Journals in 2020/2021

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

- *IEEE Transactions on Artificial Intelligence*
- *IEEE BITS the Information Theory Magazine*
- *IEEE Journal of Emerging and Selected Topics in Industrial Electronics*
- *IEEE Journal on Selected Areas in Information Theory*
- *IEEE Transactions on Technology and Society*

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IEEE每年在全球舉辦研討會

The Top 25 Most Active Conferences

2019 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)
2019 IEEE International Solid-State Circuits Conference (ISSCC)
2018 IEEE Global Communications Conference (GLOBECOM)
2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
2018 IEEE International Conference on Robotics and Automation (ICRA)
2018 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)
2019 IEEE International Conference on Communications (ICC)
2019 IEEE International Symposium on Circuits and Systems (ISCAS)
2018 IEEE International Conference on Communications (ICC)
2018 IEEE Energy Conversion Congress and Exposition (ECCE)
2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting
2018 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
2018 IEEE International Solid-State Circuits Conference (ISSCC)
2017 IEEE International Conference on Robotics and Automation (ICRA)
2018 IEEE International Symposium on Circuits and Systems (ISCAS)
2019 International Conference on Robotics and Automation (ICRA)
2018 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
2019 IEEE International Conference on Image Processing (ICIP)
2018 25th IEEE International Conference on Image Processing (ICIP)
2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
2018 52nd Asilomar Conference on Signals, Systems, and Computers
2018 IEEE International Conference on Big Data (Big Data)
2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)
2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
2018 44th Annual Conference of the IEEE Industrial Electronics Society (IECON)



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。
- 熱門標準：

IEEE Std 802.1Q 2018— Local and Metropolitan Area

IEEE Std 1584-2018— Guide for Performing Arc-Flash Hazard Calculations

IEEE Std 802.3-2018—IEEE Standard for Ethernet

IEEE Std 2030.5-2018—IEEE Standard for Smart Energy Profile Application

Protocol



Ebooks

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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



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近期會議資訊 •..... Upcoming Conferences

| | | |
|------------------|--|---|
| 11 OCT | International Symposium on Circuits and Systems (ISCAS) REGISTER |  11-14 OCTOBER 2020 VIRTUAL |
| 2 NOV | 2020 Annual Conference on Magnetism and Magnetic Materials (M2M) REGISTER |  2-6 NOVEMBER 2020 VIRTUAL |
| 1 DEC | 2020 IEEE Symposium Series on Computational Intelligence (SSCI) REGISTER |  1-4 DECEMBER 2020 VIRTUAL |

IEEE Xplore®平台功能



瀏覽功能Browse



The screenshot displays the IEEE Xplore Digital Library website. The 'Browse' menu is open, showing a list of document types: Books, Conferences, Courses, Journals & Magazines, and Standards. A red callout box points to this list with the title '依照文獻類別瀏覽' (Browse by Document Type). Inside the callout box, a list of document types is provided in Chinese:

- a) 書籍 (Books)
- b) 會議論文 (Conference Papers)
- c) 線上課程 (Online Courses)
- d) 期刊雜誌 (Journals and Magazines)
- e) 技術標準 (Technical Standards)

The background of the screenshot shows the IEEE logo and a banner titled 'What is the Fourth Industrial Revolution?' with an illustration of industrial and technological elements.

1. 期刊雜誌瀏覽

1. 期刊雜誌瀏覽

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

Advanced Search | Other Search Options

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 | 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

Advanced Search | Other Search Options

依主題領域查詢，共有16種科技領域主題

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Browse Titles

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期刊雜誌搜尋結果

Browse Journals & Magazines ?

輸入關鍵字查詢

By Title

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Network



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Displaying Results 1-14 of 14 for Network x

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

ublisher: IEEE Years: 2015 - Present Most Recent Issue

Journal of Communications and Networks

ublisher: IEEE Years: 1999 - Present Most Recent Issue

Journal of Complex Networks

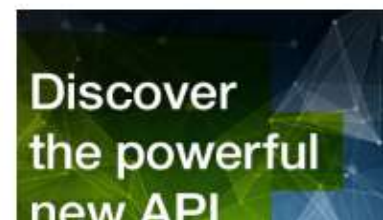
ublisher: OUP Years: 2013 - Present Most Recent Issue

EE Transactions on Control of Network Systems

ublisher: IEEE Years: 2014 - Present Most Recent Issue

Transactions on Green Communications and Networking

ublisher: IEEE Years: 2017 - Present Most Recent Issue



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IEEE

期刊首頁介紹

The screenshot shows the IEEE Network journal homepage. Annotations include:

- 熱門文獻** (Popular Literature) pointing to the 'Popular' tab.
- 提前文獻** (Early Literature) pointing to the 'Early Access' tab.
- 當期出版** (Current Issue) pointing to the 'Current Issue' tab.
- 所有文獻** (All Literature) pointing to the 'All Issues' tab.
- 期刊介紹** (Journal Introduction) pointing to the 'About Journal' tab.
- 主旨** (Aims & Scope) pointing to the 'Aims & Scope' section.
- Impact Factor 期刊影響係數:** (Impact Factor Journal Impact Coefficient) pointing to the 'Impact Factor' section.
- 點選連結至IEEE Author Center 可獲得更多投稿出版資訊** (Click the link to IEEE Author Center to get more submission and publication information) pointing to the 'IEEE Author Center' link.

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| Metric | Value |
|-------------------------|--------|
| Impact Factor | 7.197 |
| Eigenfactor | 0.0091 |
| Article Influence Score | 2.096 |

The 'Aims & Scope' section states: "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"

The 'IEEE Author Center' section includes links for 'Publish with IEEE', 'IEEE Journals', and 'IEEE Conferences'.

期刊資訊介紹

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IEEE Communications Society

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Article
Influence
Score



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Aims & Scope

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Publication Details

- [IEEE Network Magazine](#)

Frequency: 6

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April 2019

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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 (html) (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 (html) (270 Kb)

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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
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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

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IEEE Cloud Computing
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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

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Citations

Keywords

Metrics

mechanisms that build on QoS monitoring.

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2. A. Bou

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2005.

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- 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

Citations to this Article

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- 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

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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

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

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

Page(s): 96 - 101

INSPEC Accession Number: 17524460

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Per Page 25 | v

Refine results by

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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 (AIAIM)
Publisher: IEEE
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3. 標準瀏覽

依標準編號範圍查詢

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依主題領域查詢

Sign Up for Alerts | Title List

All Collections >

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- Telecommunications >
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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

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Browse Standard Range

0 - 99 | 100 - 199 | 200 - 299 | 300 - 399 |
1100 - 1199 | 1200 - 1299 | 1300 - 1399 |
C | N | S | T | Y | All

利用左邊檢索欄位篩選標準
的狀態/類型/主題

Refine results by ?

Standard Status

- ☐ Active (1,241)
☐ Inactive (1,621)

Standard Type

- ☐ Standard Docs (1,886)
☐ Research Documents (8)

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

Approved

1-2000

Limits in

Insulation

» Re

Inactive

Superseded

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

Approved

現行

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

Superseded

歷史

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

HINTON
INFORMATION SERVICES




IEEE

HTML 全文瀏覽(A)

互動式閱讀，提升效率

The screenshot shows the IEEE Xplore search results interface. At the top, there is a search bar with the text "Search within results" and a magnifying glass icon. To the right of the search bar, there are links for "Download PDFs", "Per Page: 25", "Export", and "Set See". Below the search bar, it says "Displaying results 1-25 of 48,455 for 'cloud computing' x". There are several filter options: "Conferences (41,115)", "Journals & Magazines (6,185)", "Early Access Articles (804)", "Books (291)", "Courses (55)", and "Standards (5)". On the left side, there is a "Show" section with three radio buttons: "All Results" (selected), "My Subscribed Content", and "Open Access". Below this, there is a "Year" section with a "Single Year" button and a "Range" button. On the right side, there is a "Sort By: Most Cited [By Papers]" dropdown. The main list of results shows a paper titled "The Case for VM-Based Cloudlets in Mobile Computing" by Mahadev Satyanarayanan, Paramvir Bahl, Ramon Caceres, and Nigel Davies. The paper is from IEEE Pervasive Computing, Year: 2009, Volume: 8, Issue: 4, Page s: 14 - 23. It is cited by 1385 papers and 16 patents. The paper is available in HTML and PDF formats. A red callout bubble highlights the HTML icon, which is labeled "((html))".

Search within results  Download PDFs ▼ Per Page: 25 ▼ Export ▼ Set See

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 

Single Year Range

☐ 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 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

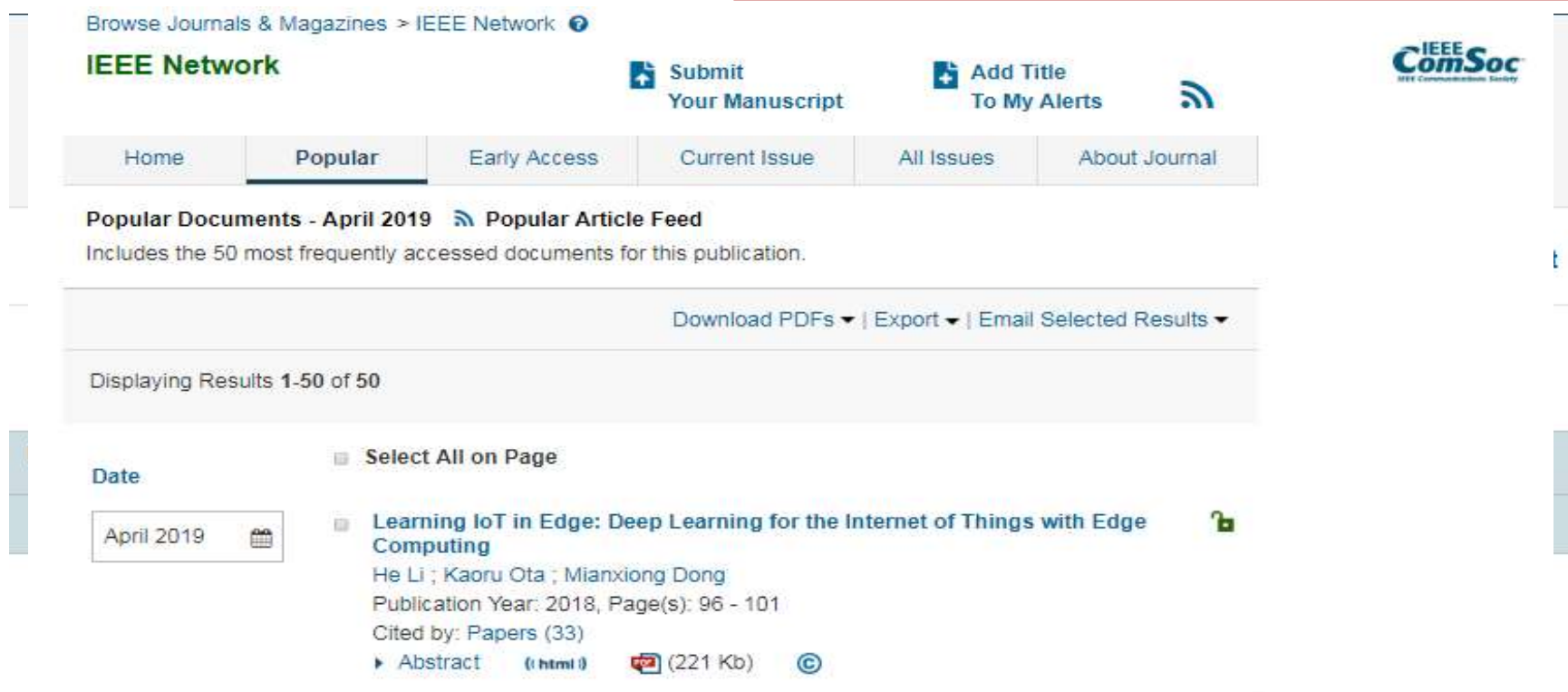


瀏覽操作練習

利用瀏覽功能

找出IEEE出版期刊 “IEEE Network”
近期熱門文獻的標題為何？

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



Browse Journals & Magazines > IEEE Network

IEEE Network

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Home Popular Early Access Current Issue All Issues About Journal

Popular Documents - April 2019 Popular Article Feed

Includes the 50 most frequently accessed documents for this publication.

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Displaying Results 1-50 of 50

Select All on Page

Date

April 2019

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

He Li ; Kaoru Ota ; Mianxiang Dong

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

Cited by: Papers (33)

Abstract (html) PDF (221 Kb)

IEEE Xplore[®]平台功能



基本檢索Basic Search工具列



進階檢索

熱門檢索

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)

Basic Search 基本檢索

The screenshot shows the IEEE HINTON search interface. The top navigation bar includes 'Browse', 'My Settings', and 'Get Help'. The main search area has a search bar and a 'Q' button. Below the search bar, there are links for 'Advanced Search', 'Other Search Options', 'Export', 'Set Search Alerts', and 'Search History'. The left sidebar contains a list of filters: 'Year', 'Author', 'Affiliation', 'Publication Title', 'Publisher', 'Supplemental Items', 'Conference Location', 'Standard Status', 'Standard Type', and 'Index Terms'. The 'Year' filter is expanded, showing a range from 1930 to 2019. The 'Author' filter is expanded, showing a list of authors. The 'Publication Title' filter is expanded, showing a list of titles. The 'Publisher' filter is expanded, showing a list of publishers. The 'Supplemental Items' filter is expanded, showing a list of items. The 'Conference Location' filter is expanded, showing a list of locations. The 'Standard Status' filter is expanded, showing a list of statuses. The 'Standard Type' filter is expanded, showing a list of types. The 'Index Terms' filter is expanded, showing a list of terms. The main search results area shows a list of results, including 'Cloud Computing' and 'Early Access Articles'. A 'Sort By' 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'. The 'Relevance' option is selected.

檢索列

Single Year Range

1930 2019

From To

1930 2019

Author

Affiliation

Publication Title

Publisher

Supplemental Items

Conference Location

Standard Status

Standard Type

Index Terms

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

依目前搜尋結果再次輸入關鍵字搜尋

勾選文獻類型

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



Enter Author Name

- ☐ Rajkumar Buyya (152)
- ☐ Hai Jin (143)
- ☐ Albert Y. Zomaya (127)
- ☐ Schahram Dustdar (118)
- ☐ Hui Li (99)

[View more...](#)

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)

[View more...](#)

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)

[View more...](#)

- ☐ IEEE (55,810)
- ☐ IET (304)
- ☐ OUP (200)
- ☐ Wiley (72)
- ☐ 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)

可檢索機構名、地名和國家

Affiliation

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)

前25名出版機構

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 ^ | Publisher ^ | Conference Location ^ |
|---|---|--|
| <input type="text" value="Enter Title"/> | | <input type="text" value="Enter Location"/> |
| <div><input type="checkbox"/> IEEE Access (769)</div> <div><input type="checkbox"/> IEEE Cloud Computing (584)</div> <div><input type="checkbox"/> IEEE Transactions on Cloud Computing (566)</div> <div><input type="checkbox"/> IEEE Transactions on Parallel and Distributed Systems (377)</div> <div><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/ICBDCom/IOP/SCI) (358)</div> | <div><input type="checkbox"/> IEEE (55,810)</div> <div><input type="checkbox"/> IET (304)</div> <div><input type="checkbox"/> OUP (200)</div> <div><input type="checkbox"/> Wiley (72)</div> <div><input type="checkbox"/> TUP (69)</div> <div><input type="checkbox"/> IBM (65)</div> <div><input type="checkbox"/> MITP (48)</div> <div><input type="checkbox"/> SMPTE (43)</div> <div><input type="checkbox"/> VDE (19)</div> <div><input type="checkbox"/> Morgan & Claypool (16)</div> <div><input type="checkbox"/> AGU (14)</div> <div><input type="checkbox"/> Nokia Bell Labs (14)</div> | <div><input type="checkbox"/> Beijing (1,327)</div> <div><input type="checkbox"/> San Francisco, CA (1,218)</div> <div><input type="checkbox"/> Shanghai (822)</div> <div><input type="checkbox"/> New York, NY (796)</div> <div><input type="checkbox"/> Chengdu (792)</div> <div><input type="checkbox"/> Guangzhou (734)</div> <div><input type="checkbox"/> London (723)</div> <div><input type="checkbox"/> Washington, DC (678)</div> <div><input type="checkbox"/> Hangzhou (642)</div> <div><input type="checkbox"/> Singapore (642)</div> <div><input type="checkbox"/> Noida (628)</div> |

Advanced Search 進階檢索

Advanced Search

Command Search

Citation Search

Enter keywords and select fields.

輸入關鍵字

欄位設定

檢索指南

Search Term in All Metadata

AND Search Term in All Metadata

AND Search Term in All Metadata



[Learn More](#)

[Data Fields](#)

[Search Examples](#)

[Search Operators](#)

[Search Tips](#)

Publication Year

出版年份

☐ Documents Added Between: 09/09/2020 and 09/16/2020

☐ Specify Year Range

1872 2021

From To

1872 2021

增加欄位

Reset All

Search

Command Search

Advanced Search

Advanced Search

Command Search

Citation Search

Enter keywords, phrases, or a Boolean expression

Use the drop down lists to choose Data Fields and Operators. [Learn how to use Boolean expressions in Command Search.](#)

Data Fields ▼

Operators ▼

Operators need to be in all caps - i.e. AND/OR/NOT/NEAR/ONEAR. There is a maximum of 20 search terms.

Search Expression Examples 

Reset All

Search

HINTON
INFORMATION SERVICES



IEEE

Citation Search

Advanced Search

Advanced Search

Command Search

Citation Search

Enter keywords or phrases

OR

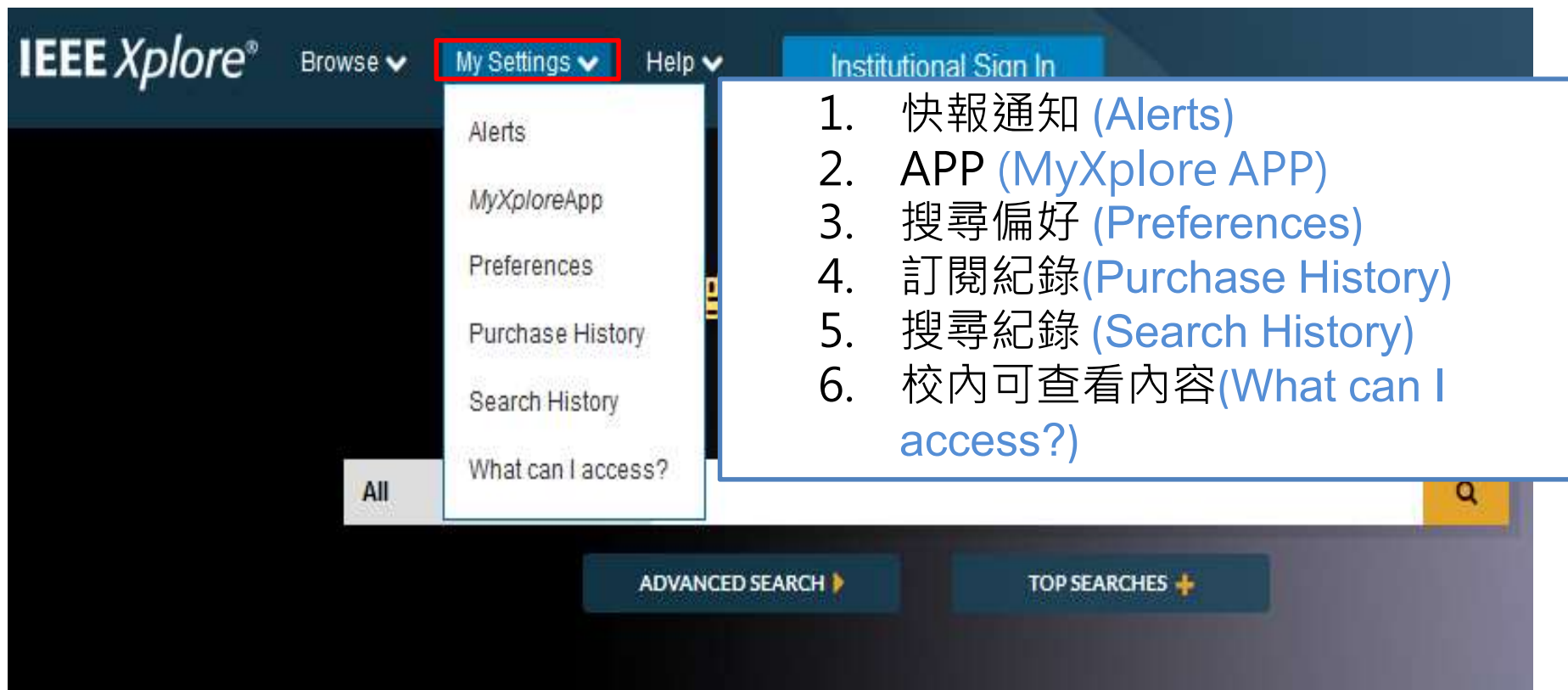
Reset All

Search

IEEE Xplore[®]平台功能



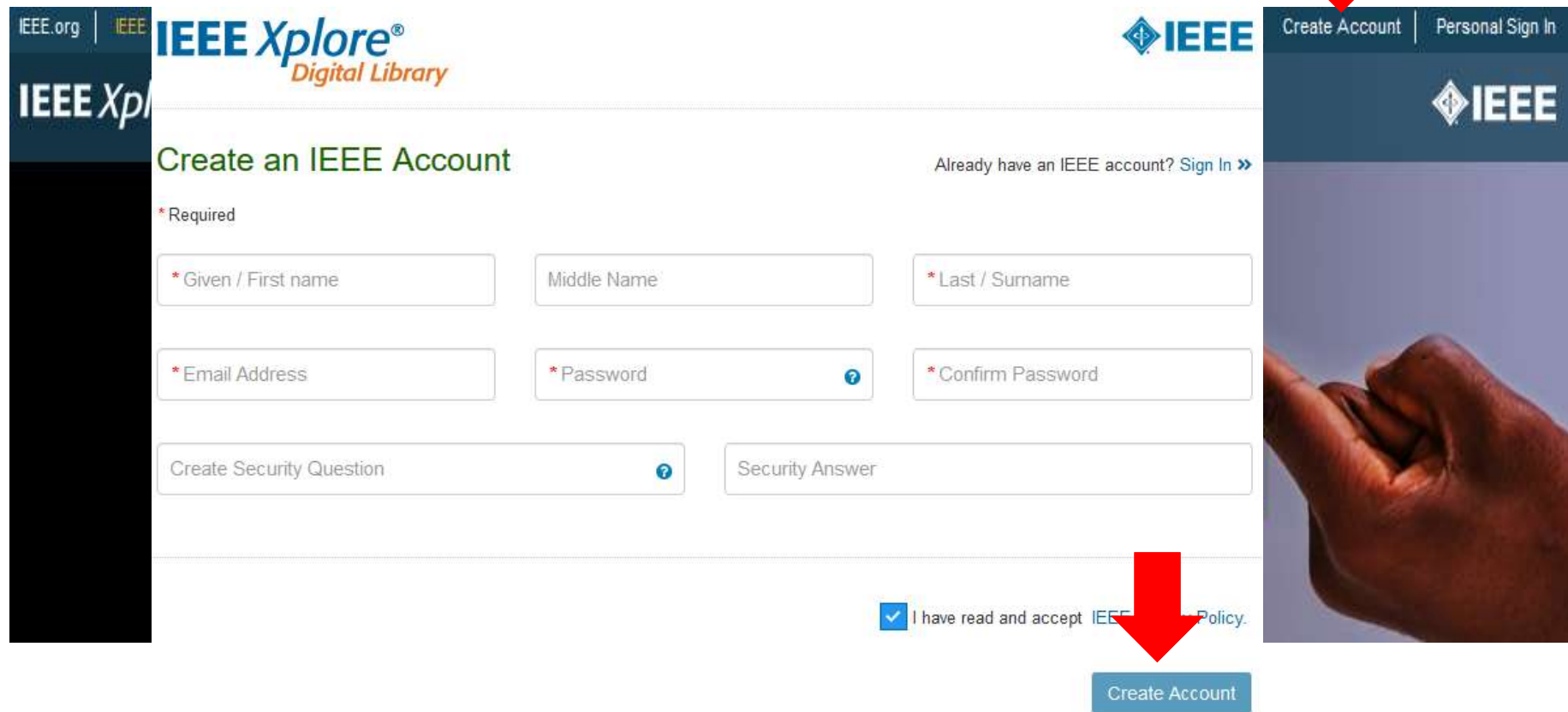
個人化設定 My Setting



The screenshot shows the IEEE Xplore website interface. The 'My Settings' dropdown menu is open, displaying the following options: Alerts, MyXploreApp, Preferences, Purchase History, Search History, and What can I access?. A list of six items is overlaid on the right side of the menu, corresponding to the options in the dropdown.

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

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Create Account

Alert I. 新知快報(Content Alert)

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

All

Enter keywords or phrases (Note: Searches metadata only by default.)

Alerts ?

Manage your research quickly and efficiently with convenient email alerts. Alerts will be sent to sh

Journals & Magazines Conferences Standards Books Citation Saved Searches

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

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|------|---------|---------------|------------|---------------|
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|------|---------|---------------|------------|---------------|

2.113
Impact Factor

0.00162
Eigenfactor

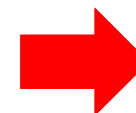
0.448
Article Influence Score

?

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.

Alerts II. 檢索條件通知 (Saved Searches)



My Settings ▾

Alerts

MyXplore App

Preferences

Purchase History

Search History

What can I access?

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

發送檢索條件下最新文章的通知至e-mail

" Content Type[Journals & Magazines] "

4 car with iot

You Searched For



檢索條件通知(Saved Searches)

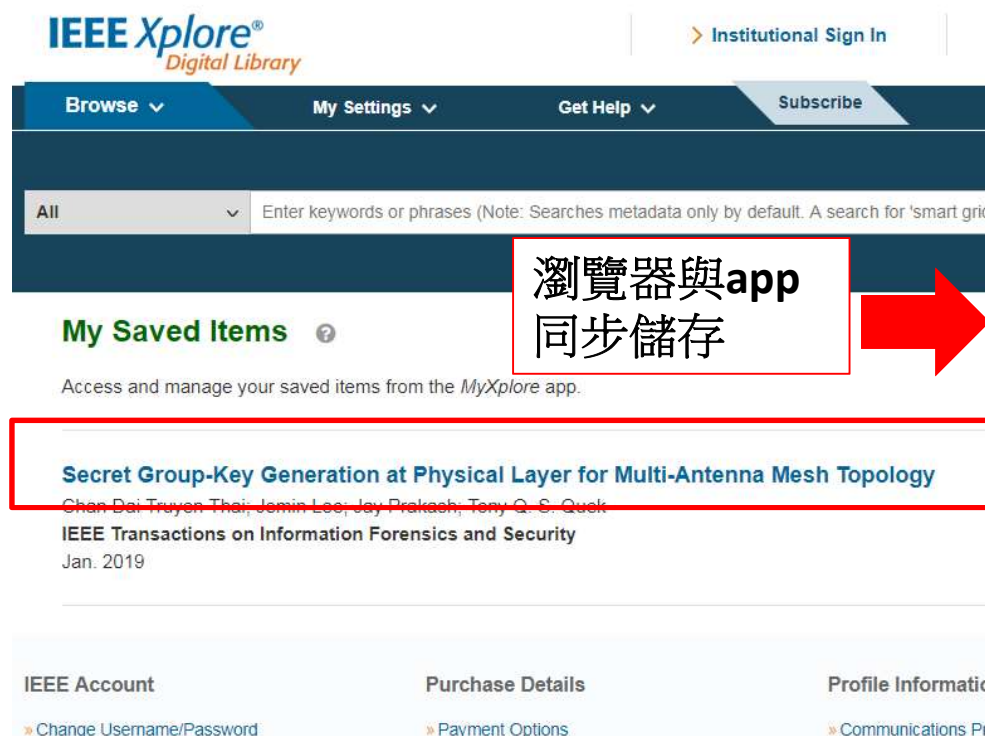
The screenshot shows the IEEE Xplore search interface. At the top, the search bar contains 'Journals & Magazines' and 'iot'. Below the search bar, the results display 'Displaying results 1-25 of 40 for **iot** × **mobile** × **phone** ×'. A red box highlights the filters: '▼ Filters Applied: Journals & Magazines × Early Access Articles × 2017-2018 ×'. Another red box highlights the 'Set Search Alerts' link in the top right. A third red box highlights the 'Save' button in the 'Set Alert' dialog. A fourth red box highlights the 'Save' button in the 'Set Alert' dialog. A fifth red box highlights the 'Save' button in the 'Set Alert' dialog. A sixth red box highlights the 'Save' button in the 'Set Alert' dialog. A seventh red box highlights the 'Save' button in the 'Set Alert' dialog. A eighth red box highlights the 'Save' button in the 'Set Alert' dialog. A ninth red box highlights the 'Save' button in the 'Set Alert' dialog. A tenth red box highlights the 'Save' button in the 'Set Alert' dialog. A eleventh red box highlights the 'Save' button in the 'Set Alert' dialog. A twelfth red box highlights the 'Save' button in the 'Set Alert' dialog. A thirteenth red box highlights the 'Save' button in the 'Set Alert' dialog. A fourteenth red box highlights the 'Save' button in the 'Set Alert' dialog. A fifteenth red box highlights the 'Save' button in the 'Set Alert' dialog. A sixteenth red box highlights the 'Save' button in the 'Set Alert' dialog. A seventeenth red box highlights the 'Save' button in the 'Set Alert' dialog. An eighteenth red box highlights the 'Save' button in the 'Set Alert' dialog. A nineteenth red box highlights the 'Save' button in the 'Set Alert' dialog. A twentieth red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-first red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-second red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-third red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-fourth red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-fifth red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-sixth red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-seventh red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-eighth red box highlights the 'Save' button in the 'Set Alert' dialog. A twenty-ninth red box highlights the 'Save' button in the 'Set Alert' dialog. A thirtieth red box highlights the 'Save' button in the 'Set Alert' dialog. A thirty-first red box highlights the 'Save' button in the 'Set Alert' dialog. A thirty-second red box highlights the 'Save' button in the 'Set Alert' dialog. A thirty-third red box highlights the 'Save' button in the 'Set Alert' dialog. A thirty-fourth red box highlights the 'Save' button in the 'Set Alert' dialog. 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Annotations:

- 檢索條件 (Search Criteria)
- 設定檢索條件名稱 (Set Search Criteria Name)
- 點選檢索條件通知 (Click Search Criteria Notification)

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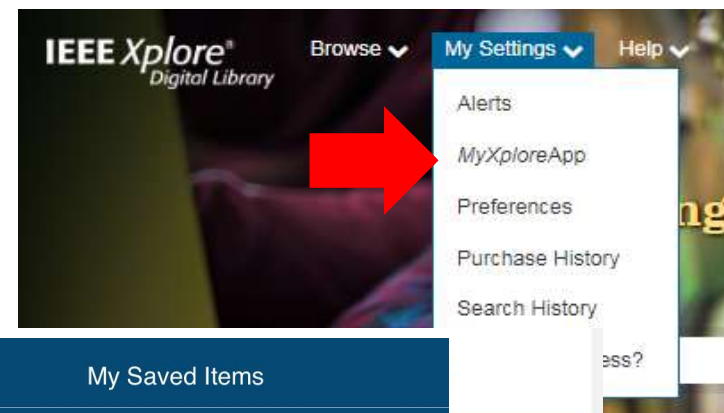
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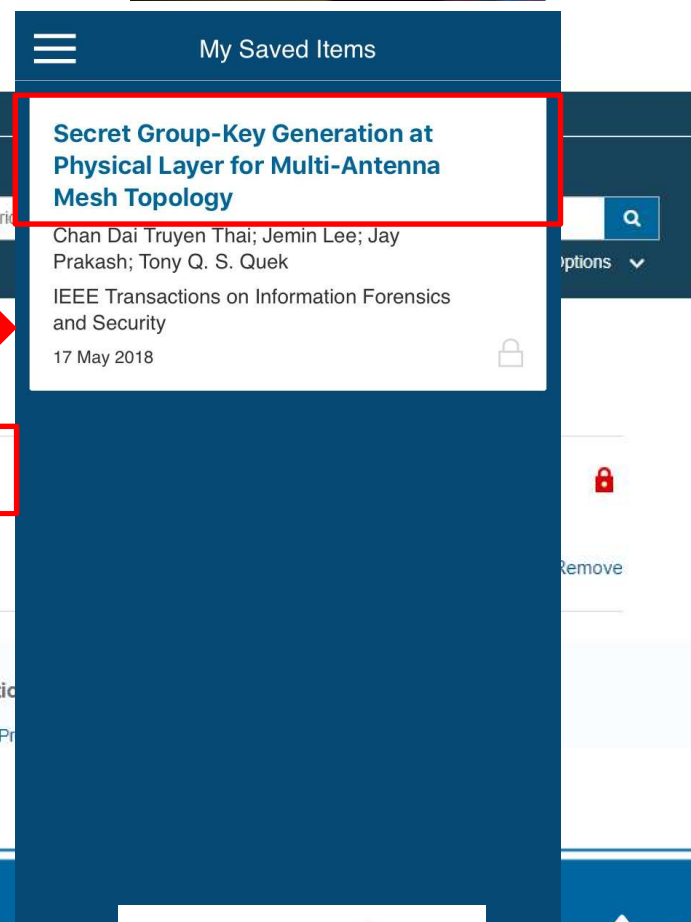
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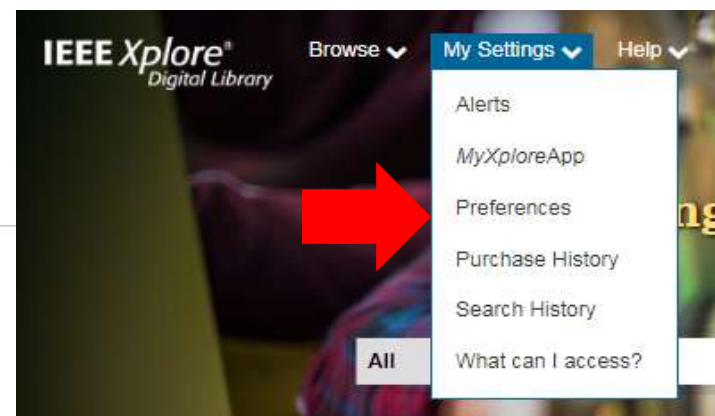
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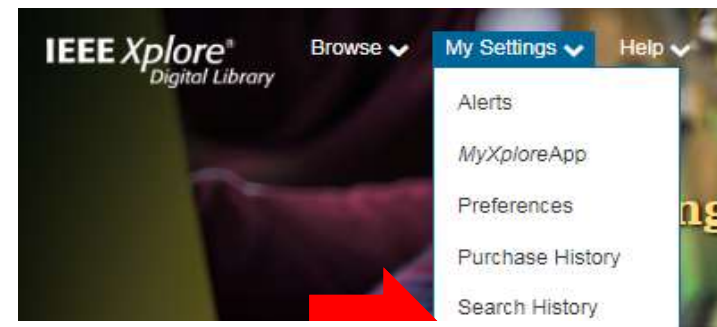
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(Modify settings in your preferences)

Select multiple searches to combine them together.

| # | Search Query | Details |
|-----------------------------|---|---|
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| <input type="checkbox"/> 34 | National Chung Hsing University | 1584 Metadata Sep. 21, 2017 18:18 UTC |
| <input type="checkbox"/> 33 | fast steerable principlal component ansils | 12 Metadata Apr. 27, 2017 14:02 UTC |
| <input type="checkbox"/> 32 | LTE, MIMO | 2058 Metadata Mar. 3, 2017 21:08 UTC |

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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

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