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學術講師 Bruce 李修華  
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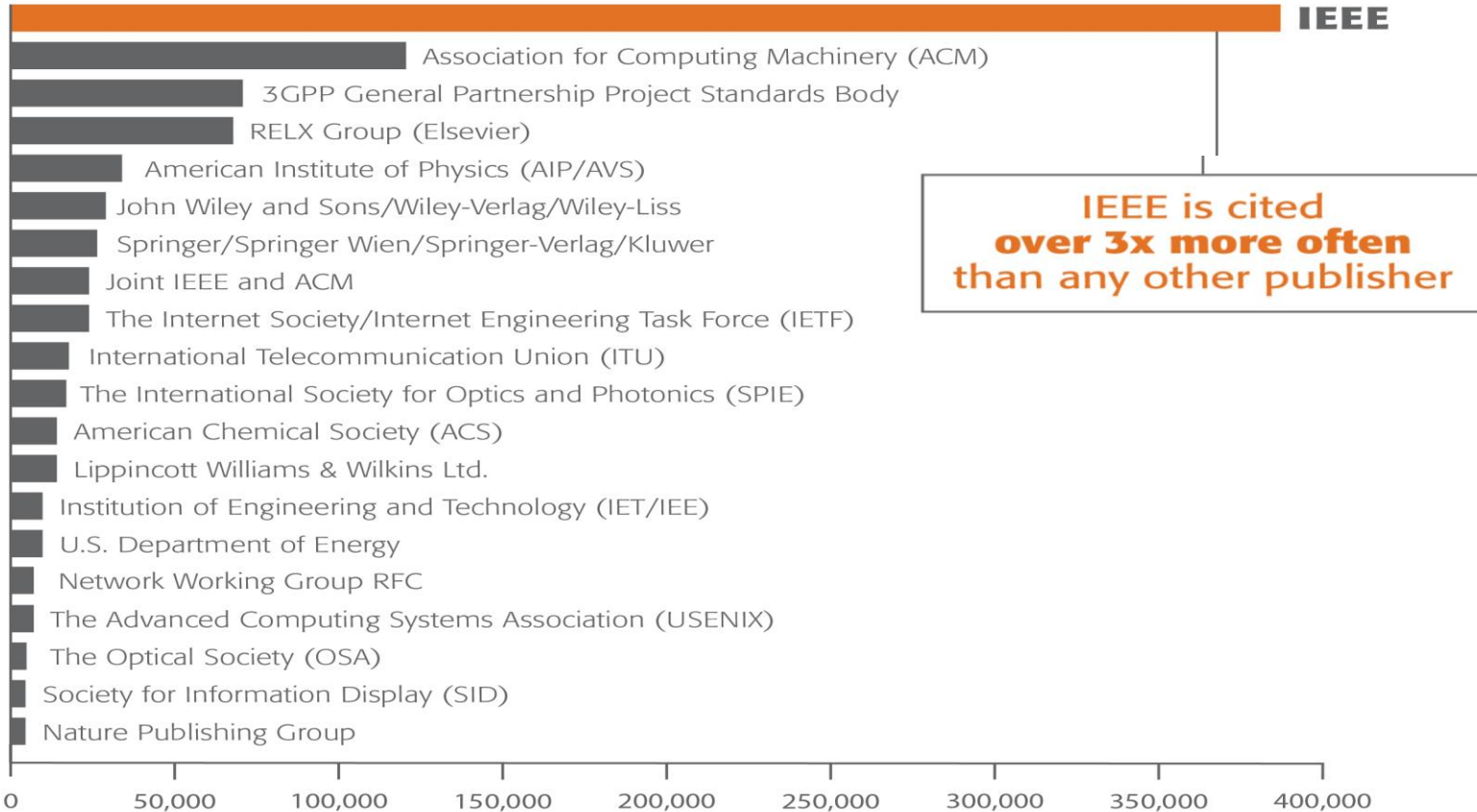
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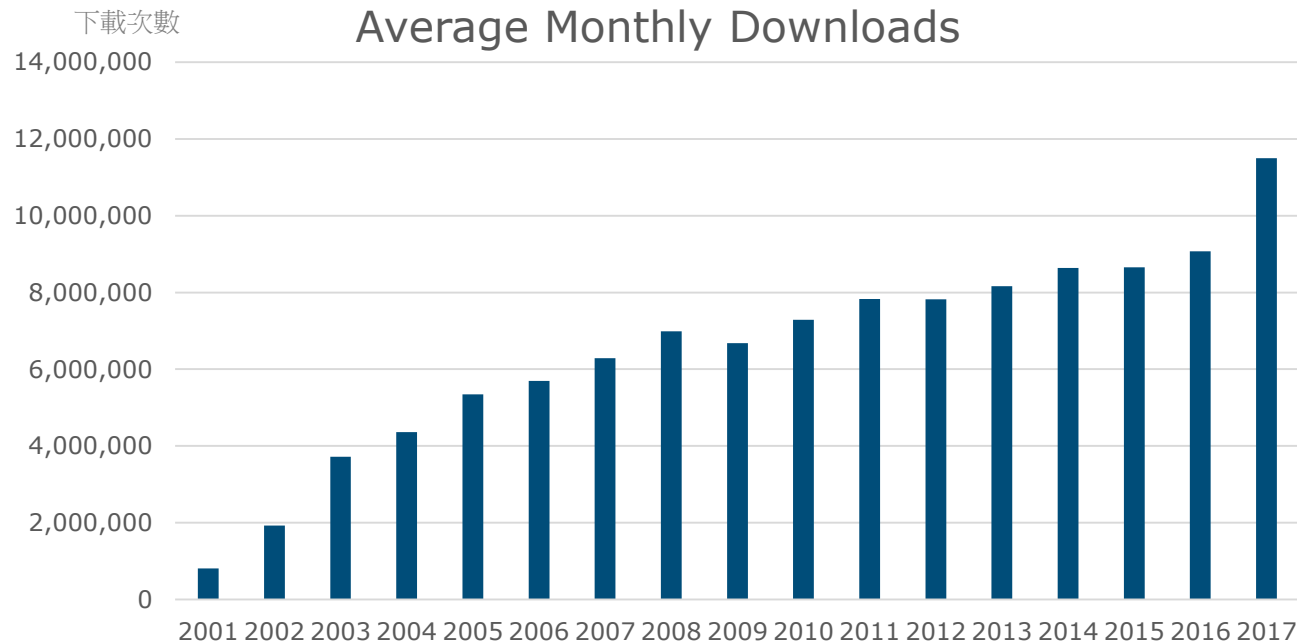


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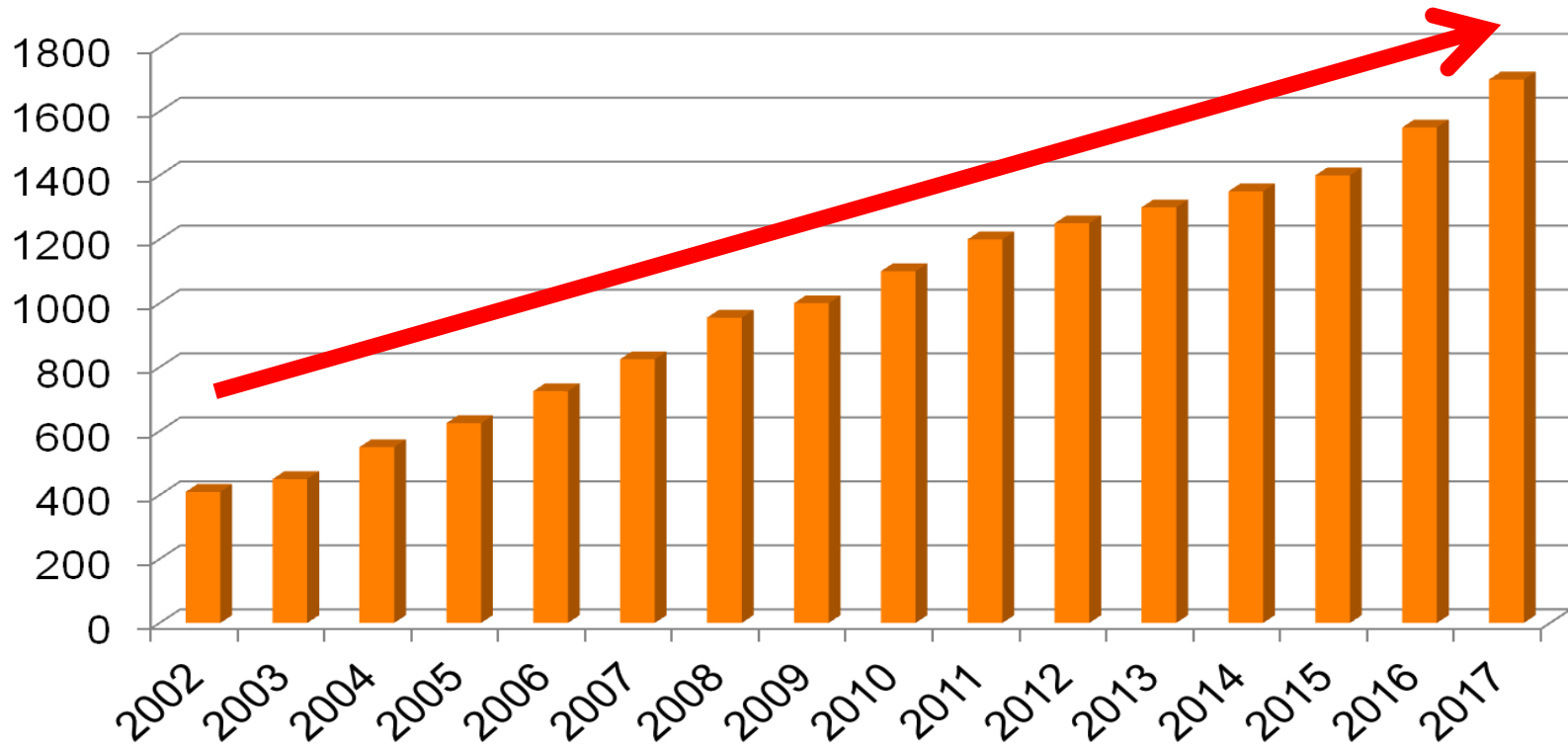
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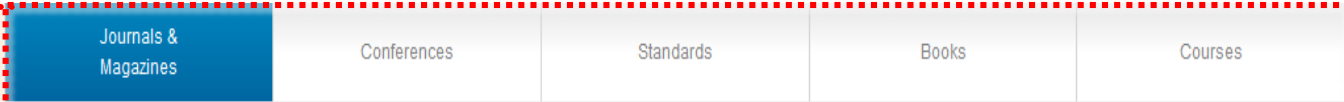
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<p><b>IEEE Photonics Technology Letters</b> Volume: 31 Issue: 5 <i>March 1, 1 2019</i></p>	<p><b>Millimeter Wave Mobile Communications for 5G Cellular: It Will Work!</b> Theodore S. Rappaport; Shu Sun; Rimma Mayzus; Hang Zhao ... <i>2013</i></p>
<p><b>IEEE Transactions on Signal and Information Processing over Networks</b> Volume: 5 Issue: 1 <i>March 2019</i></p>	<p><b>Big IoT Data Analytics: Architecture, Opportunities, and Open Research Challenges</b> Mohsen Marjani; Fariza Nasaruddin; Abdullah Gani; Ahmad Karim ... <i>2017</i></p>
<p><b>IEEE Journal of Emerging and Selected Topics in Power Electronics</b> Volume: 7 Issue: 1 <i>March 2019</i></p>	<p><b>Wideband Cloaking of Objects With Arbitrary Shapes Exploiting Adjoint Sensitivities</b> Laleh S. Kalantari; Mohamed H. Bakr; <i>May 2016</i></p>

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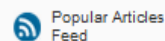
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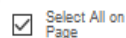
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3 Author(s) Markus Fiedler; Tobias Hossfeld; Phuoc Tran-Gia [View All Authors](#)

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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
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Quality of experience ties together user perception, experience, and expectations to application and network performance, typically expressed by quality of service parameters. Quantitative relationships between QoE and QoS are required in order to be able to build effective QoE control mechanisms onto measurable QoS parameters. Against this background, this article proposes a generic formula in which QoE and QoS parameters are connected through an exponential relationship, called IQX hypothesis. The formula relates changes of QoE with respect to QoS to the current level of QoE, is simple to match, and its limit behaviors are straightforward to interpret. It validates the IQX hypothesis for streaming services, where QoE in terms of Mean Opinion Scores is expressed as functions of loss and reordering ratio, the latter of which is caused by jitter. For web surfing as the second application area, matchings provided by the IQX hypothesis are shown to outperform previously published logarithmic functions. We conclude that the IQX hypothesis is a strong candidate to be taken into account when deriving relationships between QoE and QoS parameters.

Published in: [IEEE Network](#) ( Volume: 24 , Issue: 2 , March-April 2010 )

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INSPEC Accession Number: 11172123

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

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

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**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

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**((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](#)

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2. Challenges and Possible Solutions

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#### 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

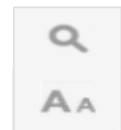
**Date of Publication:** 08 April 2010

**DOI:** 10.1109/MC.2010.98

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**Publisher:** IEEE

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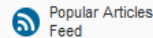
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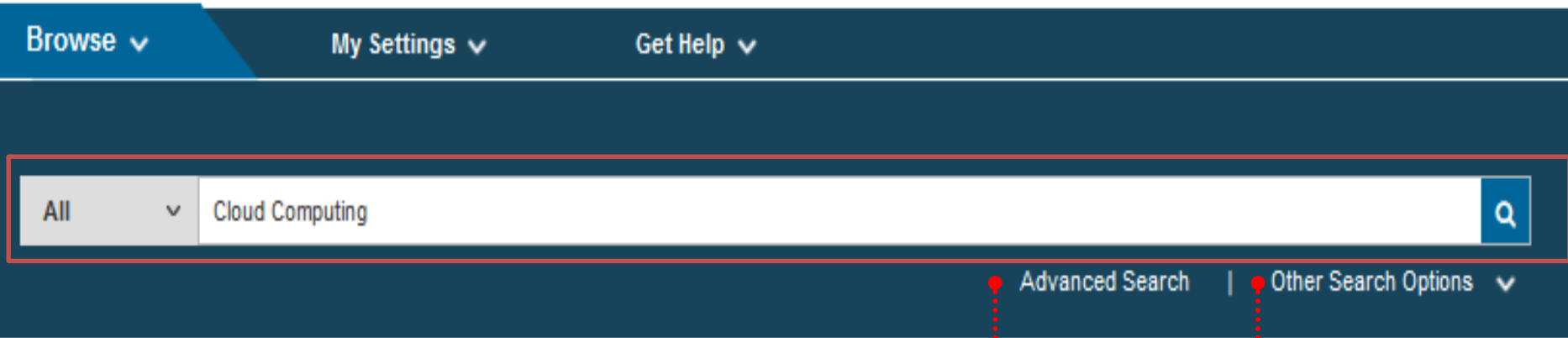
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/citations下關鍵字

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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)

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- 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



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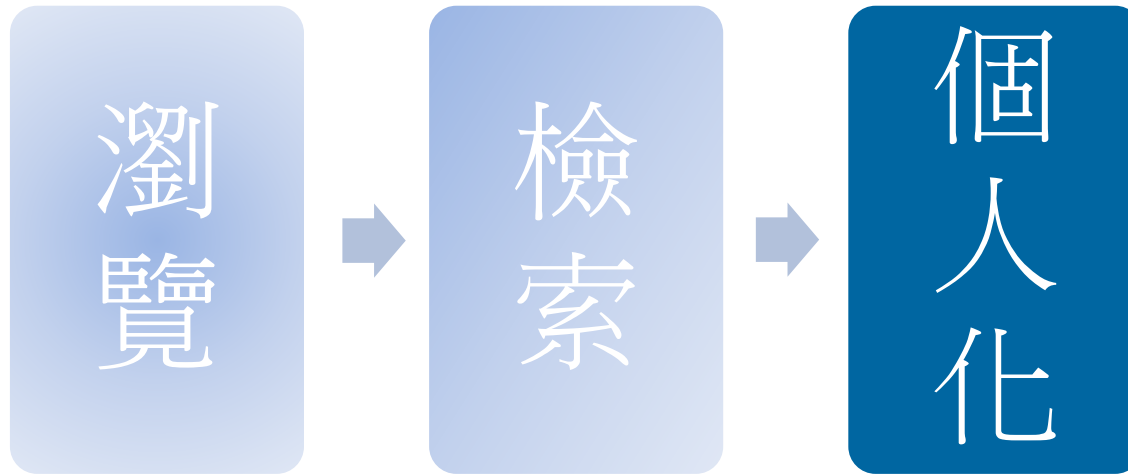
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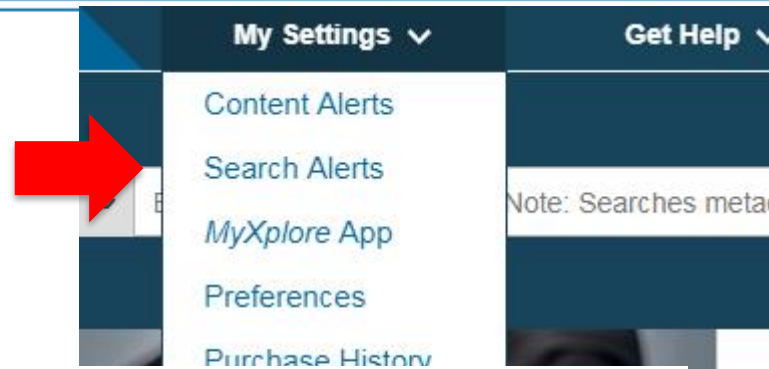
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

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The screenshot shows a search results page for 'iot' with various filters and a search alert dialog box. Annotations in Chinese point to specific features:

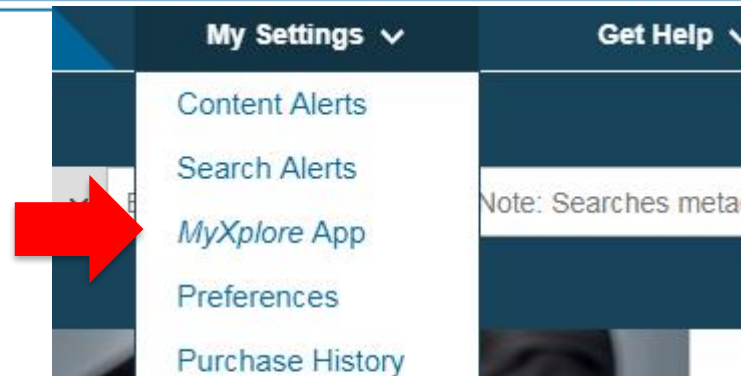
- 檢索條件** (Search Conditions): Points to the filter bar showing 'Filters Applied: Journals & Magazines x Early Access Articles x 2017-2018 x'.
- 設定檢索條件名稱** (Set Search Alert Name): Points to the 'Set Alert' dialog box, specifically the 'Search Alert Name\*' input field.
- 點選檢索條件通知** (Click to Set Search Alert): Points to the 'Set Search Alerts' dropdown menu in the top navigation bar.

The search results list includes the following entry:

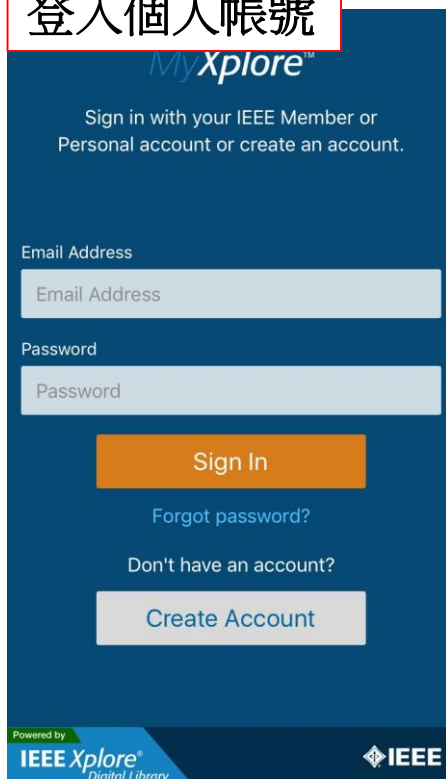
- Select All on Page**
- Experimental Characterization of Mobile IoT Application Latency**  
Carlos Pereira ; António Pinto ; Duarte Ferreira ; Ana Aguiar  
IEEE Internet of Things Journal  
Year: 2017, Volume: 4, Issue: 4  
Pages: 1082 - 1094  
Cited by: Papers (1)  
**IEEE Journals & Magazines**

Additional UI elements include a 'Full-Text' advertisement for IEEE Xplore and an IEEE RFIC logo.

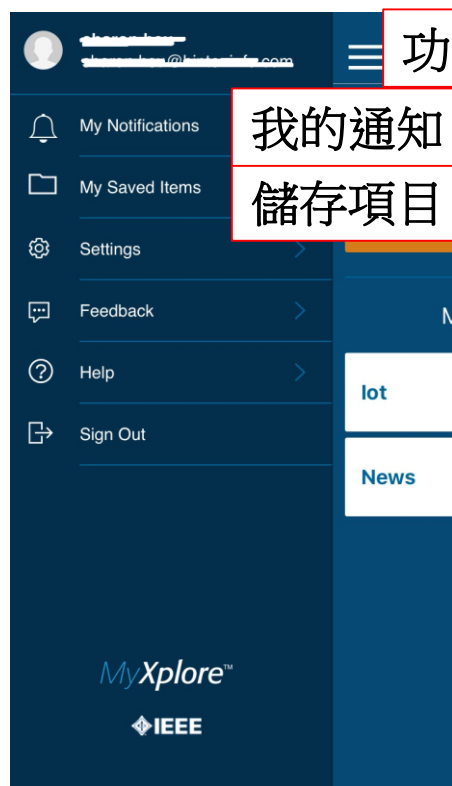
# My Xplore APP



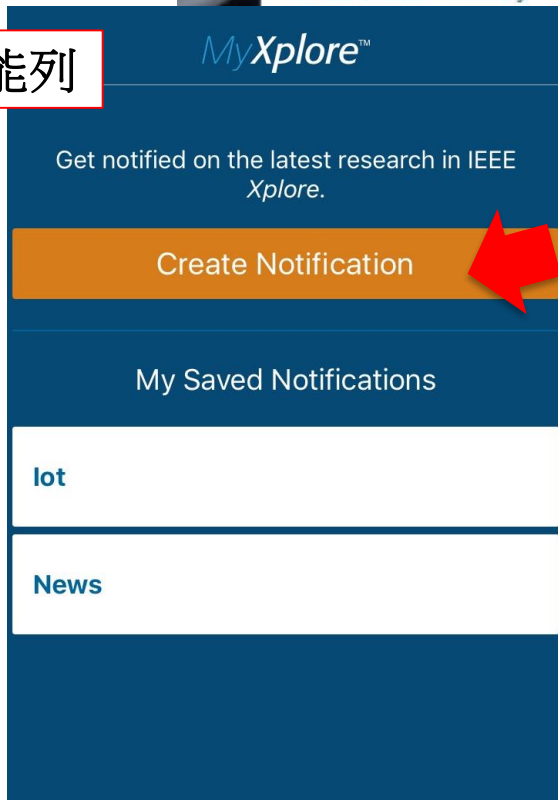
登入個人帳號



功能列

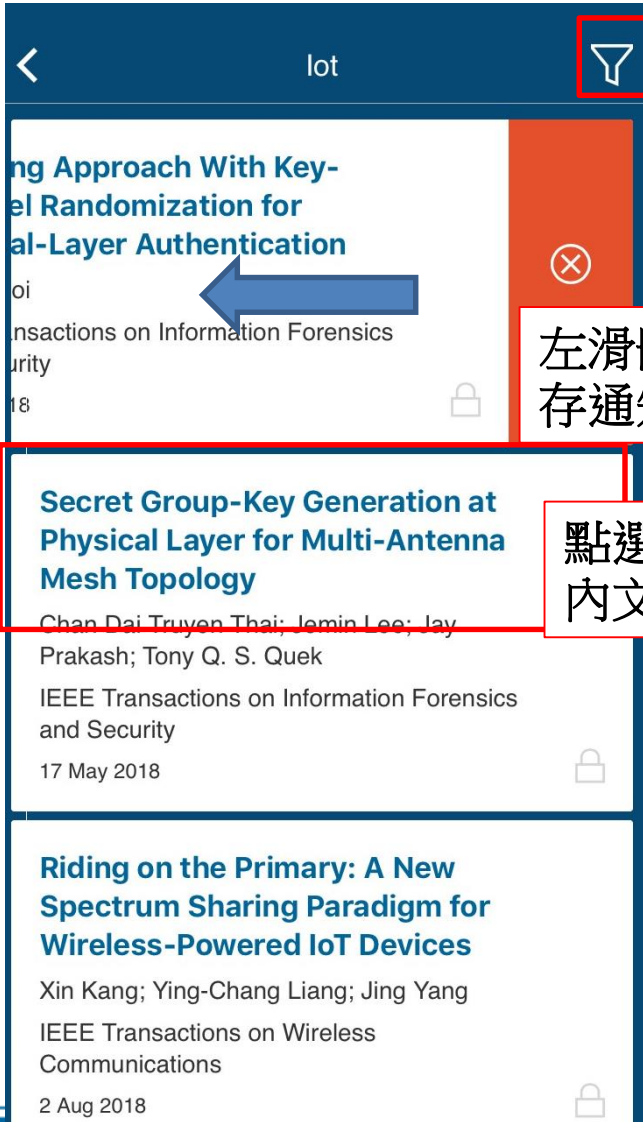


我的通知  
儲存項目



新增關注主題

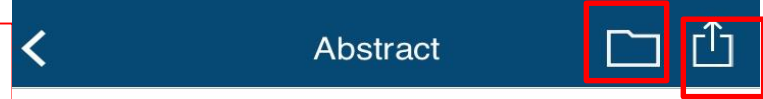




選擇排序方式

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### 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...

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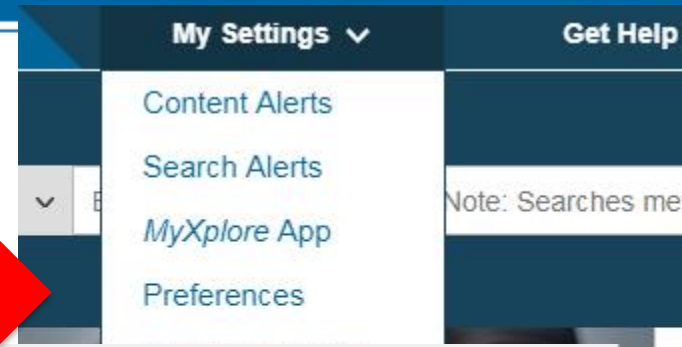
#### Secret Group-Key Generation at Physical Layer for Multi-Antenna Mesh Topology

Chan Dai Truyen Thai; Jemin Lee; Jay Prakash; Tony Q. S. Quek  
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17 May 2018

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# 檢索偏好(Preference)



### Preferences

**Search Options**

Search History Recording:  
 On  
 Off

Publisher:

- All Content
- IEEE Content
- IET Content
- IBM Content
- VDE Content
- TUP Content
- BIAI Content
- MITP Content
- Nokia Bell Labs Content
- Morgan & Claypool
- CSEE Content
- SMPTE Content
- AGU Content
- URSI Content
- CMP Content
- CES Content
- CPSS Content

Search:  
 Metadata Only  
 Full Text & Metadata

**Display Options for Search Results**

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

Results per Page:  
25

Sort By:  
Relevance

**Download Options**

Bibliographic Citation Format Include:  
 Citation Only  
 Citation & Abstract

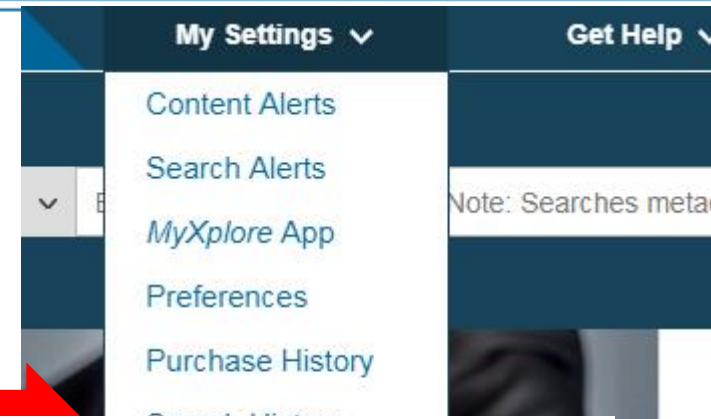
Format:  
 Plain Text  
 BibTeX  
 RefWorks  
 EndNote, ProCite, RefMan

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

Email Format:  
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# 檢索紀錄 (Search History)



## Search History

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

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

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

Select multiple searches to combine them together.

#	Search Query	Details
<input type="checkbox"/> 35	("Author Affiliations":National Chung Hsing University)	1337 Metadata Sep. 21, 2017 18:20 UTC
<input type="checkbox"/> 34	National Chung Hsing University	1584 Metadata Sep. 21, 2017 18:18 UTC
<input type="checkbox"/> 33	fast steerable principlal component analsis	12 Metadata Apr. 27, 2017 14:02 UTC
<input type="checkbox"/> 32	LTE, MIMO	2058 Metadata Mar. 3, 2017 21:08 UTC

**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

# 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

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- 線上申請LIVE教育訓練：  
[www.ieee.org/go/training](http://www.ieee.org/go/training)
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