

IEEE IEL数据库全新平台带给您不同的检索体验！

李箐

IEEE 中国区资讯经理

2010年5月13日



内容概要

- 关于IEEE/IEL
- Xplore新平台检索与分析技巧演示
- IEEE内容与产品更新

几个常见的名词？

■ IEEE/IET Electronic Library （简称IEL）

- 主要包含两个机构的出版物

- IEEE -Institute of Electrical & Electronic Engineers Inc.

- 美国电气电子工程师学会

- IET-The Institution of Engineering & Technology

- 国际工程和技术学会

- （前身为IEE英国电气工程师学会）

■ IEEE Xplore: IEL数据库的登录平台名称

- 2010年2月13日Xplore平台全新改版

关于IEEE

- 非盈利组织，成立于1884年
- 全球最大的技术行业协会，成员遍布160多个国家地区，会员超过38万人
- 五大核心领域
 - 出版（149种期刊与杂志）
 - 会议（每年900多种）
 - 标准（2000多种现行标准）
 - 会员



教育
The Institute of Electrical and Electronics Engineers = IEEE ?



IEEE 内容覆盖所有前沿科技领域

More than just electrical engineering & computer science

renewable energy

AEROSPAC

communications

SMART GRIDS

optics

INFORMATION TECHNOLOGY

IMAGING

semiconductors

CIRCUITS

nanotechnology

electronics

COMPUTING

wireless
broadband

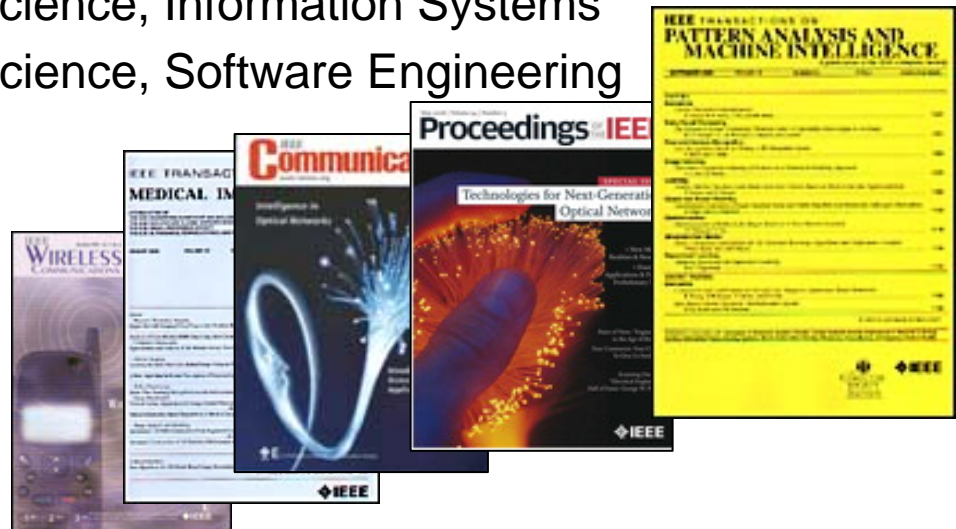


IEEE = Leader in Technology

Journal Citation Report Results, **by Impact Factor**

IEEE publishes:

- **#1** journal in Electrical and Electronic Engineering
- 16 of the top 20 journals in Electrical and Electronic Engineering
- 9 of the top 10 journals in Telecommunications
- 6 of top 10 journals in Computer Science, Hardware & Architecture
- 7 of top 20 journals in Computer Science, Information Systems
- 9 of top 20 journals in Computer Science, Software Engineering
- # 1 in Imaging Science
- # 1 in Robotics
- # 1 in Artificial Intelligence
- # 1 in Transportation Technology
- # 3 in Biomedical Engineering



The ISI JCR presents “quantifiable statistical data that provides a systematic, objective way to evaluate the world’s leading journals”

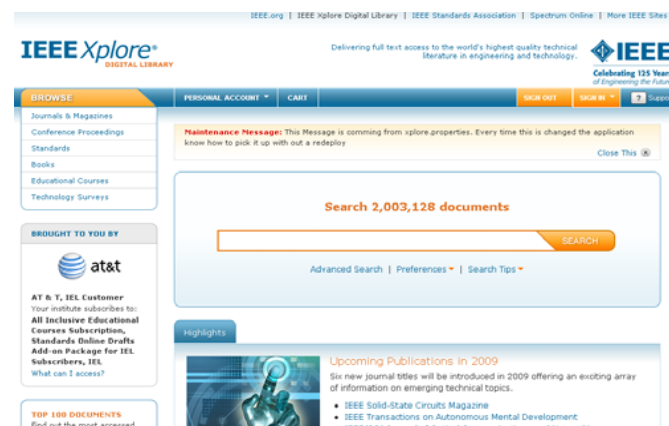
(2008 report released June 2009)



全新IEEE Xplore平
台！

IEEE Xplore新平台功能简介

- 系统自动推荐检索词
- 通过选项卡添加、减少关键词
- 自动给出拼写建议，纠正错误的拼写
- 强大的检索结果筛选功能
- 在平台的每一个页面都可以实现新检索



IEEE XPLORE新平台让科研工作 更轻松

检索情景一：启动一个课题时如何进行全面的信息调研和撰写综述



Nokia手机自动
充电项目



英军“Battery Free
Soldier”项目

关键词:sensor network, energy harvesting etc

Journals & Magazines
 Conference Proceedings
 Standards
 Books
 Educational Courses
 Technology Surveys

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Standards Online
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Applied Physics Library

What can I access?

QUICK LINKS

What's P
 What's N
 Manage

Search 2,582,202 documents

sensor network

SEARCH

Sensor Networks
 Sensor Network
 Sensor Networks, Ubiquitous, And Trustworthy Computing, 2006. IEEE International Conference On
 Sensor Networks, Ubiquitous And Trustworthy Computing, 2008. SUTC '08. IEEE International Conference On
 Sensor Network Security

Highlights



Sensor Networking
 Sensor Network Localization
 Sensor Network Applications
 Sensor Network Lifetime
 Sensor Network Design
 Sensor Network Protocols And Applications, 2003. Proceedings Of The First IEEE. 2003 IEEE International Workshop On
 Sensor Network Topology
 Sensor Network Management
 Sensor Network Protocols
 Sensor Network Application
 Sensor Network Deployment
 Sensor Network Routing
 Sensor Network Nodes

new search engine
 sults
 searches, RSS feeds and

从较宽泛的词入手查找-默认只检索 Metadata, 可自动查找词行变体以及兼容英式和美式拼写, 特殊字符如H2O直接输入

全面的文献聚类和分析功能

The screenshot shows the IEEE Xplore search results interface. The top navigation bar includes 'BROWSE', 'MY SETTINGS', 'CART', 'SIGN OUT', 'Feedback', and 'Help'. The main content area displays search results for 'sensor network', showing 48,660 results. The results are sorted by 'Relevance' and displayed in a list format. The first result is 'Mobile Network Supported Wireless Sensor Network Services' by Krco, S.; Tsiatsis, V.; Matusikova, K.; Johansson, M.; Cubic, I.; Glitho, R., published in 2007. The second result is 'Model Design of Wireless Sensor Network Based on Scale' by Zhang, published in 2007. The sidebar on the left, highlighted with a red box, contains 'REFINE/EXPAND RESULTS' with filters for 'Content Type', 'Publication Year', and 'Author'. The 'Content Type' filter shows options like Conferences (42,465), Journals (5,913), Early Access (191), Books (82), Standards (6), and Educational Courses (3). The 'Publication Year' filter shows a range from 1957 to 2010. The 'Author' filter is also present. On the right side, there are sections for 'BROUGHT TO YOU BY' (listing IEEE Sales and Marketing Staff and various libraries) and 'SEARCHES FOR THIS SESSION' (showing 'sensor network (48660)').

REFINE/EXPAND RESULTS

Search within results:

Content Type

- Conferences (42,465)
- Journals (5,913)
- Early Access (191)
- Books (82)
- Standards (6)
- Educational Courses (3)

Publication Year

Single Year Range

1957 2010

From:

To:

Author

Search for Author

SEARCH RESULTS

You searched for: **sensor network**

Results per Page: Showing 1 - 25 of 48,660 results [Next >](#)

Sort By: [Select All](#) | [Deselect All](#)

Mobile Network Supported Wireless Sensor Network Services

Krco, S.; Tsiatsis, V.; Matusikova, K.; Johansson, M.; Cubic, I.; Glitho, R.;
[Mobile Adhoc and Sensor Systems, 2007. MASS 2007. IEEE International Conference on](#)
Digital Object Identifier: [10.1109/MOBHOC.2007.4428690](#)
Publication Year: 2007 , Page(s): 1 - 3

IEEE CONFERENCES

| Full Text: [PDF](#) (1939 KB)

Model Design of Wireless Sensor Network Based on Scale

Zhang
[Wireless Sensor Network](#)
[Comp](#)
[on](#)
Digital Object Identifier: [10.1109/WICOM.2007.5000044](#)

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IEEE/IET Electronic Library (IEL)
IEEE Draft Standards Online
Subscription, AIP/AVS Applied Physics Library
What can I access?

SEARCHES FOR THIS SESSION

sensor network (48660)
[More Search History](#)

ADDITIONAL RESULTS

[Application Notes \(beta\)](#)

灵活利用聚类分析功能掌握研究领域整体概况和发展动态

REFINE/EXPAND RESULTS

Search within results:

Content Type

- Conferences (42,465)
- Journals (5,913)
- Early Access (191)
- Books (82)
- Standards (6)
- Educational Courses (3)

Publication Year

- Single Year Range

From: To:

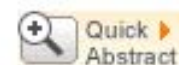
SEARCH RESULTS

You searched for: **sensor network**

-

Results per Page ▾

Showing 1 - 25 of 48,660 results

[Next>](#)Sort By: ▾[Select All](#) | [Deselect All](#) [Mobile Network Supported Wireless Sensor Network Services](#)

Krco, S.; Tsiatsis, V.; Matusikova, K.; Johansson, M.; Cubic, I.; Glitho, R.;

[Mobile Adhoc and Sensor Systems, 2007. MASS 2007. IEEE International Conference on](#)

Digital Object Identifier: [10.1109/MOBHOC.2007.4428690](#)

Publication Year: 2007 , Page(s): 1 - 3

IEEE CONFERENCES

[AbstractPlus](#) | Full Text: [PDF](#) (1939 KB)

 [Model Design of Wireless Sensor Network Based on Scale-Free Network Theory](#)

Zhang Xuyuan;

作者检索与分析

Author

Search for Author

 Giannakis, G.B. (65)
 Kersey, A.D. (60)
 Kumar, A. (53)
 Flammini, A. (45)
 Hashimoto, H. (44)
 Marioli, D. (43)
 Taroni, A. (42)
 Watanabe, K. (41)

显示发表文章数量最高的25位作者

Author

Search for Author

 Lee, J.
 Lee, S.
 Lee, D.
 Lee, K.
 Lee, H.
 Lee, T.H.
 Lee, J.H.
 Lee, R.

查找特定作者：
优先使用Last Name

定位Top25该领域专家

机构检索与分析

Affiliation

Search for Affiliation

- Jet Propulsion Lab., California Inst. of Technol., Pasadena, CA (100)
- Sch. of Electr. & Comput. Eng., Georgia Inst. of Technol., Atlanta, GA (71)
- Sch. of Electr. & Comput. Eng., Cornell Univ., Ithaca, NY, USA (53)
- Inst. for Infocomm Res., Singapore (52)
- Sch. of Electr. & Electron. Eng., Nanyang Technol. Univ., Singapore (38)

Top 25 发文机构

Affiliation

Search for Affiliation

- intel|
- Intel Corp., Santa Clara, CA
 - Intel Corp., Hillsboro, OR
 - Intel Corp., Chandler, AZ
 - Intel Corp., Santa Clara, CA, USA

可检索机构和地名

Affiliation

Search for Affiliation

- china|
- China Univ. of Min. & Technol., Xuzhou
 - China Three Gorges Univ., Yichang
 - China Univ. of Geosci., Wuhan
 - China Univ. of Min. & Technol., Xuzhou

快速定位该领域的领先研究机构

多角度缩小检索范围

Publication Title

Search for Publication Title

- Electronics Letters (910)
- Lightwave Technology, Journal of (549)
- Microelectromechanical Systems, Journal of (360)
- Industrial Electronics, IEEE Transactions on (357)
- OCEANS 1984 (288)
- Wireless, Mobile and Sensor Networks, 2007. (CCWMSN07). IET Conference on (274)

Publisher

- IEEE (46,584)
- IET (1,979)
- AIP (84)
- AVS (13)

Subject

- Communication, Networking & Broadcasting (34,460)
- Computing & Processing (Hardware/Software) (28,648)
- Components, Circuits, Devices & Systems (22,024)
- Signal Processing & Analysis (20,336)
- Robotics & Control Systems (8,187)
- Fields, Waves & Electromagnetics (7,690)
- Engineered Materials, Dielectrics & Plasmas (7,304)
- Aerospace (6,947)
- Power, Energy, & Industry Applications (5,118)

IEL所有内容分为16个学科

快速定位会议

Conference Country

Search for Conference Country

- USA (3,597) ▲
- Canada (413) ☰
- Japan (263)
- UK (255)
- France (213)
- China (143)
- Italy (107)
- Singapore (74) ▼

Conference Location

Search for Conference Location

- Beijing (985) ▲
- Shanghai (619)
- Washington, DC (609)
- San Diego, CA (536)
- Big Sky, MT (529)
- Las Vegas, NV (526)
- San Francisco, CA (506)
- Vancouver, BC (496)
- Seattle, WA (490)
- Singapore (457)
- Shanghai, China (406)
- Atlanta, GA (366)
- Wuhan (324)
- Cambridge, MA (313) ▼

缩检—输入更多关键字

BROWSE ▾

MY SETTINGS ▾

CART

REFINE/EXPAND RESULTS

Search within results:

energy harvest*

Search

Energy Harvesting

Energy Harvester

Energy Harvesting
Systems

Energy Harvesting
Techniques

5)

Energy Harvesters

Energy Harvesting Devices

Energy Harvest

Energy Harvesting Circuit

Energy Harvesting Device

Energy Harvesting Eel ; (3)

Energy Harvesting

Technology

Energy Harvesting Sensors

Energy-harvesting

SEARCH RESULTS

You searched for: **sensor network**



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Search



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Results



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Results per Page 25 ▾

Showing 1 - 25 of 48,660 results

[Next>](#)

Sort By: Relevance ▾

[Select All](#) | [Deselect All](#)

Mobile Network Supported Wireless Sensor Network



Quick
Abstract

***为截词符，代表0到多个字母**

I.; Glitho, R.;

缩检—选择聚类项目

REFINE/EXPAND RESULTS

Search within results:

Content Type

Early Access (3)

You have selected:

Journals (40)
 Conferences (214)

Author

Search for Author

White, N.M. (6)
 Harris, N.R. (6)
 Amirtharajah, R. (6)
 Thiele, L. (5)
 Seah, W.K.G. (5)
 Smith, J.R. (4)
 Moser, C. (4)
 Van Hoof, C. (4)

You have selected:

Benini, L. (10)
 Brunelli, D. (9)

Publisher

IET (6)
 AIP (1)
 AVS (1)

You have selected:

IEEE (249)

缩检之后的检索结果页面

REFINE/EXPAND RESULTS

完善的检索
路径便于
随时进行
选项更改

2007 | | | | 2009

From: 2007

To: 2009

Author

Search for Author

White, N.M. (6)

绿色标签有全文访问权限

SEARCH RESULTS

You searched for: **sensor network** , **energy harvest***

You refined by:

Content Type: **Journals** , **Conferences**

Author: **Benini, L.** , **Brunelli, D.**



Save This Search



Download Citations



Email Selected Results



Print

Results per Page 25

Sort By: **Relevance**

Showing 1 - 10 of 10 results

Select All | Deselect All

无检索篇数限制

[Algorithms for harvested energy prediction in batteryless wireless sensor networks](#)



Bergonzini, C.; Brunelli, D.; Benini, L.;

[Advances in sensors and Interfaces, 2009. IWASI 2009. 3rd](#)

[International Workshop on](#)

Digital Object Identifier: [10.1109/IWASI.2009.5184785](#)

Publication Year: 2009 , Page(s): 144 - 149

IEEE CONFERENCES



[AbstractPlus](#) | Full Text: [PDF](#) (499 KB)

AbstractPlus全面追溯关联文献

REFINE/EXPAND RESULTS

Search within results:

Publication Year

Single Year Range

2007 2009

From:

To:

Author

Search for Author

White, N.M. (6) Harris, N.R. (6) Amirtharajah, R. (6) Thiele, L. (5) Seah, W.K.G. (5)

SEARCH RESULTS

You searched for: **sensor network** , **energy harvest***

You refined by:

Content Type: **Journals** , **Conferences**

Author: **Benini, L.** , **Brunelli, D.**

Results per Page Showing 1 - 10 of 10 results

Sort By: [Select All](#) | [Deselect All](#)

Algorithms for harvested energy prediction in batteryless wireless sensor networks

Bergonzini, C.; Brunelli, D.; Benini, L.;
[Advances in sensors and Interfaces, 2009. IWASI 2009. 3rd International Workshop on Digital Object Identifier: 10.1109/IWASI.2009.5184785](#)
Publication Year: 2009 , Page(s): 144 - 149

IEEE CONFERENCES

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[Abstract](#)

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[Citing Documents](#)

[Browse](#) > [Journals](#) > [Industrial Electronics, IEEE ...](#) > [Volume:55 Issue:7](#)

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Modeling and Optimization of a Solar Energy Harvester System for Self-Powered Wireless Sensor Networks



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Dondi, D. ; Bertacchini, A. ; Brunelli, D. ; Larcher, L. ; Benini, L. ;
Dept. of Inf. Eng., Univ. of Modena & Reggio Emilia, Modena

INDEX TERMS

• INSPEC

◦ **Controlled Indexing**

optimisation , photovoltaic power systems , wireless sensor networks

◦ **Non Controlled Indexing**

maximum power point tracking , optimization , photovoltaic panel analytical model , self-powered wireless sensor networks , solar energy harvester system

• **Author Keywords**

MPPT Maximum Power Point Tracking , Maximum power point tracking (MPPT) , Modelling and Optimization , PSpice Simulations , PSpice simulations , Solar harvester , modeling and optimization , solar harvester

REFERENCES

6. W. Xiao , N. Ozog and W. G. Dunford "Topology study of photovoltaic interface for maximum power point tracking", *IEEE Trans. Ind. Electron.*, vol. 54, pp. 2007 .
[Abstract](#) | [Full Text: PDF \(662KB\)](#)
7. W. Xiao , W. G. Dunford , P. R. Palmer and A. Capel "Regulation of photovoltaic voltage", *IEEE Trans. Ind. Electron.*, vol. 54, pp. 2007 .
[Abstract](#) | [Full Text: PDF \(622KB\)](#)
8. W. Xiao , M. G. J. Lind , W. G. Dunford and A. Capel "Real-time identification of optimal operating points in photovoltaic power systems", *IEEE Trans. Ind. Electron.*, vol. 53, pp. 2006 .
[Abstract](#) | [Full Text: PDF \(536KB\)](#)
9. W. De Soto , S. A. Klein and W. A. Beckman "Improvement and validation of a model for photovoltaic array performance", *Sol. Energy*, vol. 80, pp. 2006 .
[\[CrossRef\]](#) | [\[Buy Via Ask*IEEE\]](#)
10. J. Gow and C. D. Manning "Development of a photovoltaic array model for use in power-electronics simulation studies", *Proc. Inst. Electr. Eng.—Electr. Power Appl.*, vol. 146, pp. 1999 .
[Abstract](#) | [Full Text: PDF \(628KB\)](#)
11. S. Foss , B. Olaisen , E. Marstein and A. Holt "A new 2.5d distributed spice model of solar cells", *Proc. Eur. Photovolt. Sol. Energy Conf. Exhib.*, vol. 21, pp. 2006 .
[\[Buy Via Ask*IEEE\]](#)

CITING DOCUMENTS

1. Modeling and Simulation of a Hybrid Photovoltaic Module Equipped With a Heat-Recovery System, Maffezzoni, P. Codecasa, L. D'Amore, D.
Industrial Electronics, IEEE Transactions on
On page(s): 4311 - 4318 , Volume: 56 Issue: 11, Nov. 2009
[Abstract](#) | Full Text: [PDF \(466KB\)](#)
2. Design and Implementation of a Wireless Fieldbus for Plastic Machineries, Flammini, A. Marioli, D. Sisinni, E. Taroni, A.
Industrial Electronics, IEEE Transactions on
On page(s): 747 - 755 , Volume: 56 Issue: 3, March 2009
[Abstract](#) | Full Text: [PDF \(1125KB\)](#)
3. Mechanical Energy Harvester With Ultralow Threshold Rectification Based on SSHI Nonlinear Technique, Garbuio, L. Lallart, M. Guyomar, D. Richard, C. Audigier, D.
Industrial Electronics, IEEE Transactions on
On page(s): 1048 - 1056 , Volume: 56 Issue: 4, April 2009
[Abstract](#) | Full Text: [PDF \(550KB\)](#)
4. Online and Remote Motor Energy Monitoring and Fault Diagnostics Using Wireless Sensor Networks, Bin Lu Gungor, V.C.
Industrial Electronics, IEEE Transactions on
On page(s): 4651 - 4659 , Volume: 56 Issue: 11, Nov. 2009
[Abstract](#) | Full Text: [PDF \(1186KB\)](#)

检索情景二：项目开始和结束后如何继续追踪该领域的研究？

关键词：Energy Harvesting



How do we Best play with Apollo's Fire?

设置检索更新Alerts

SEARCH RESULTS

You searched for: **energy harvest***

 Save This Search  Download Citations Email  Print

Results per Page Showing 1 - 25 of 1,010 results [Next >](#)

Sort By: Select All | Deselect All

[Energy harvest with microbial fuel cell and power management system](#)  Quick Abstract

Meehan, A.; Hongwei Gao; Lewandowski, Z.;
[Energy Conversion Congress and Exposition, 2009. ECCE 2009. IEEE](#)
Digital Object Identifier: [10.1109/ECCE.2009.5316034](#)
Publication Year: 2009 , Page(s): 3558 - 3563

IEEE CONFERENCES

 [AbstractPlus](#) | Full Text: [PDF \(983 KB\)](#)

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PREFERENCES

Search Options

Publisher:

- All Content
- IEEE Content
- IET Content
- AIP Content
- AVS 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:

50

Sort By:

Relevance

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Format Include:

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- HTML

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个性化功能-Save Search

BROWSE ▾ **MY SETTINGS**

REFINE/EXPAND RESULTS

Search within results: **Search**

Content Type

- Conferences (711)
- Journals (286)
- Early Access (13)

Publication Year

Single Year Range

1973 2010

From:

SEARCH RESULTS

You searched for: energy harvest*

Save This Search

Results per page:

Sort By:

Energy Harvesting
Meehan, M. J. et al.
Energy Harvesting
2009, IEE...
Digital Object Identifier: [10.1109/ECCE.2009.5316034](#)
Publication Year: 2009, Page(s): 3558 - 3563

SAVED SEARCH

Address shown is from information saved in your preferences.

Saved Search Name *:

Query: You searched for: energy harvest*

Email Address: qing-li@ieee.org

SET ALERT

You will receive email alerts whenever new content that matches your saved search is added to IEEE Xplore. If you don't wish to receive such email alerts, please uncheck this box.

Save **Cancel**

追踪某领域研究

个性化功能-查看Saved Searches

BROWSE ▾

MY SETTINGS ▾

CART

SIGN OUT

Personal Account > Saved Searches

Saved Searches

Alerts will be sent to **qing-li@ieee.org** in **html** format. These settings can be updated within the Preferences feature.

1. [SensorNetworkJournal](#)

RSS

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Delete

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You Searched For: sensor network

You refined by: Publisher[IET;IEEE]

You refined by: Content Type[Journals;Early Access]

2. [EnergyHarvest](#)

RSS

Edit Saved Search Name

Delete

| Enable Alert

Query:

You Searched For: energy harvest*

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Most Recent Issue Issues Per Year : 2 
- [Aerospace and Electronic Systems Magazine, IEEE](#)
Most Recent Issue Issues Per Year : 12 
- [Mo...](#)

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E

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片断信息的检索
多门户入口检索



精确定位的检索

Advanced Search Options

Advanced Keyword/Phrases

Publication Quick Search

CrossRef

Scitopia.org

Preferences

Advanced Search

Enter keywords or phrases, select fields, and select operators

Note: Refresh page to reflect updated preferences.

Search : Metadata Only Full Text & Metadata ?

flash memory in Metadata Only

AND floating gate in Metadata Only

AND nanocrystal* in Metadata Only

AND samsu* in Author Affiliation

+ Add New Line

Reset All

SEARCH

案例:查找三星公司 (Samsung) 在纳米晶体 (nanocrystal) 浮
闸 (floating gate) 闪存 (flash memory) 方面的研究

自由构造检索式

Advanced Search Options

Advanced Keyword/Phrases

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CrossRef

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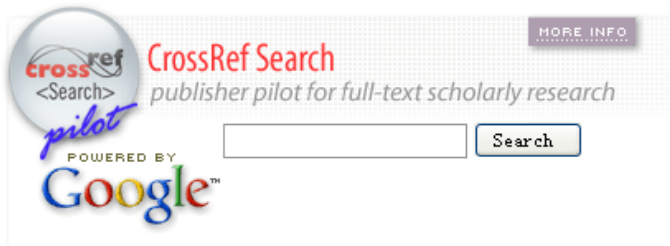
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Kaufman, L.M.

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References

- 1 J. Postel, "Transmission Control Protocol," IETF RFC 793, Sept. 1981; available online at <http://www.ietf.org/rfc/rfc793.txt>. [\[Link to Your Library Collection\]](#)
- 2 G. Huston, "TCP Performance," *Internet Protocol Journal*, vol. 3, no. 2, Cisco Systems, June 2000; available online at http://www.cisco.com/warp/public/759/tpj_3-2_tcp.html. [\[Buy Via Ask*IEEE\]](#) [\[Link to Your Library Collection\]](#)
- 3 P. Karn et al., "Advice for Internet Subnet Designers," work in progress, July 2000. [\[Link to Your Library Collection\]](#)
- 4 M. Allman, ed., "Ongoing TCP Research Related to Satellites," RFC 2760, Feb. 2000; available online at <http://www.ietf.org/rfc/rfc2760>. [\[Link to Your Library Collection\]](#)
- 5 V. Jacobson, "Compressing TCP/IP Headers for Low-Speed Serial Links," IETF RFC 1144, Feb. 1990; available online at <http://www.ietf.org/rfc/rfc1144.txt>. [\[Link to Your Library Collection\]](#)
- 6 S. Casner and V. Jacobson, "Compressing IP/UDP/RTP Headers for Low-Speed Serial Links," IETF RFC 2508, Feb. 1999; available online at <http://www.ietf.org/rfc/rfc2508.txt>. [\[Link to Your Library Collection\]](#)

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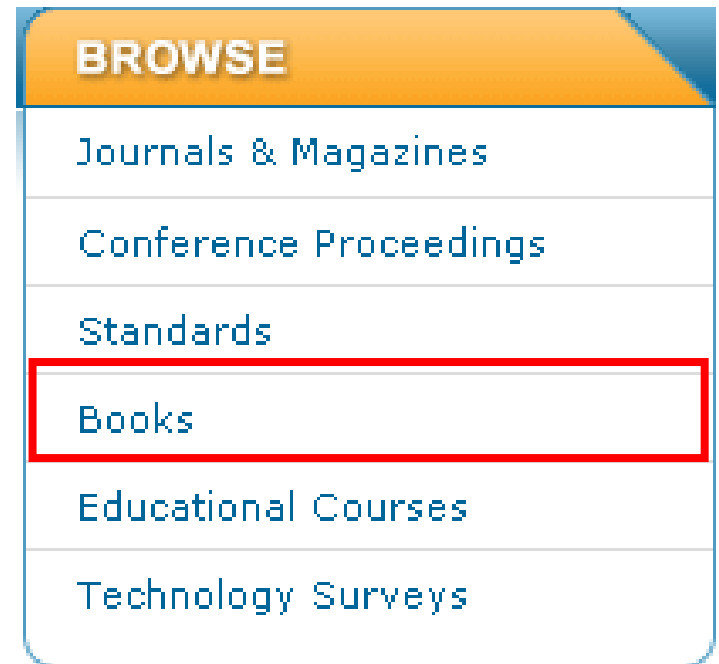
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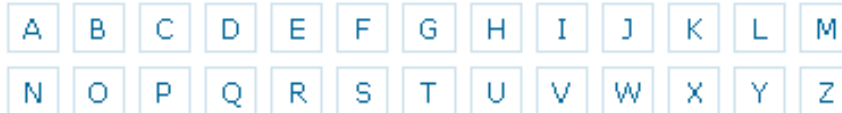
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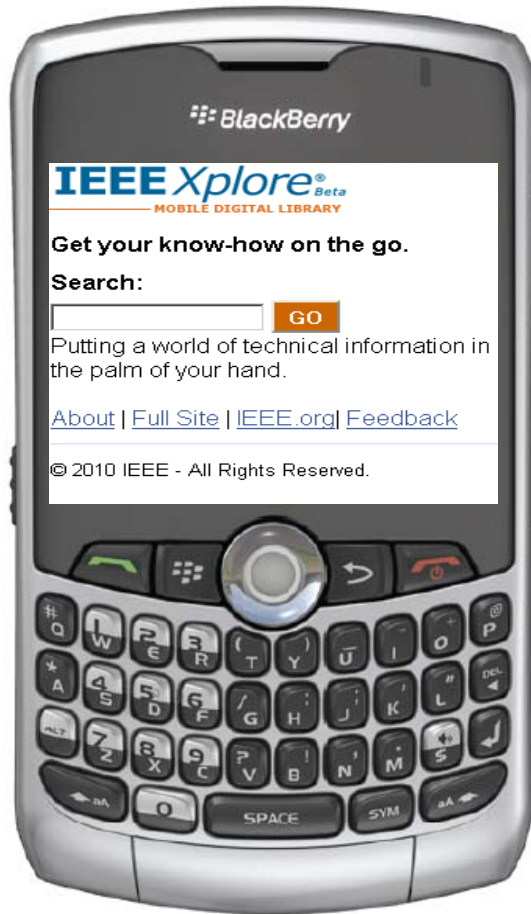


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