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# About the IEEE

- A not-for-profit society
- World's largest technical membership association with over 415,000 members in 160 countries
- Four core areas of activity
  - Publishing
  - Conferences
  - Standards
  - Membership



## IEEE's Mission

*IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity*

# IEEE covers all areas of technology

More than just electrical engineering & computer science

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**RF**   **CYBER SECURITY**   **MEDICAL DEVICES**

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IEEE Antennas and Propagation Society

IEEE Broadcast Technology Society

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IEEE Communications Society

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IEEE Solid-State Circuits Society

IEEE Systems, Man, and Cybernetics Society

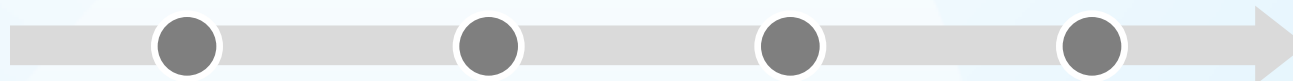
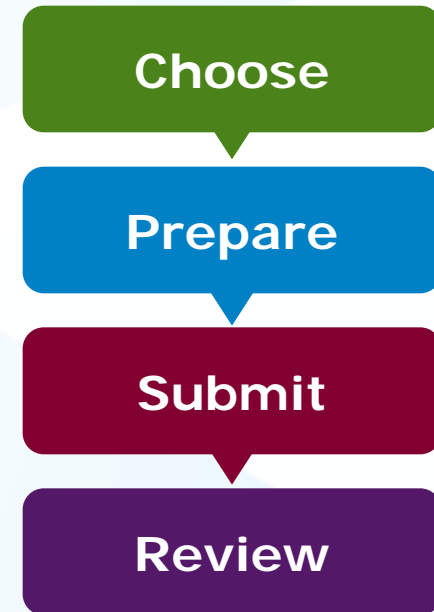
IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society

IEEE Vehicular Technology Society



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1. **Choose** an IEEE periodical
2. **Prepare** your manuscript
3. **Submit** your article
4. **Review** process



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# Publish your research where it will have the most impact

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The screenshot shows the journal homepage for 'Wireless Communications, IEEE Transactions on'. The page features a navigation bar with options: Home, Popular, Early Access, Current Issue, Past Issues, About Journal (selected), and Submit Your Manuscript. A sidebar on the left contains sections for 'About this Journal' (with a link to 'Aims & Scope'), 'Editorial Board' (with 'Staff list' links), and 'Content Announcements' (listing several IEEE journals and a call for papers). The main content area displays three key metrics: Impact Factor (2.418), Eigenfactor (0.05717), and Article Influence Score (1.191). Below these metrics is the 'Aims & Scope' section, which describes the journal's focus on timely, novel, and high-quality research in wireless communications. It also provides a persistent link, frequency (12), and ISSN (1536-1276).

Wireless Communications, IEEE Transactions on

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2.418  
Impact Factor

0.05717  
Eigenfactor

1.191  
Article Influence Score

**Aims & Scope**

Publishes timely, novel and high-quality recent results on Wireless Communications in letter format. Wireless Communications Letters have a 4-page limit. The journal's goal is rapid dissemination of original, cutting-edge ideas and timely, significant contributions in the theory and applications of wireless communications.

**Persistent Link:** <http://ieeexplore.ieee.org/servlet/opac?punumber=7693> More »

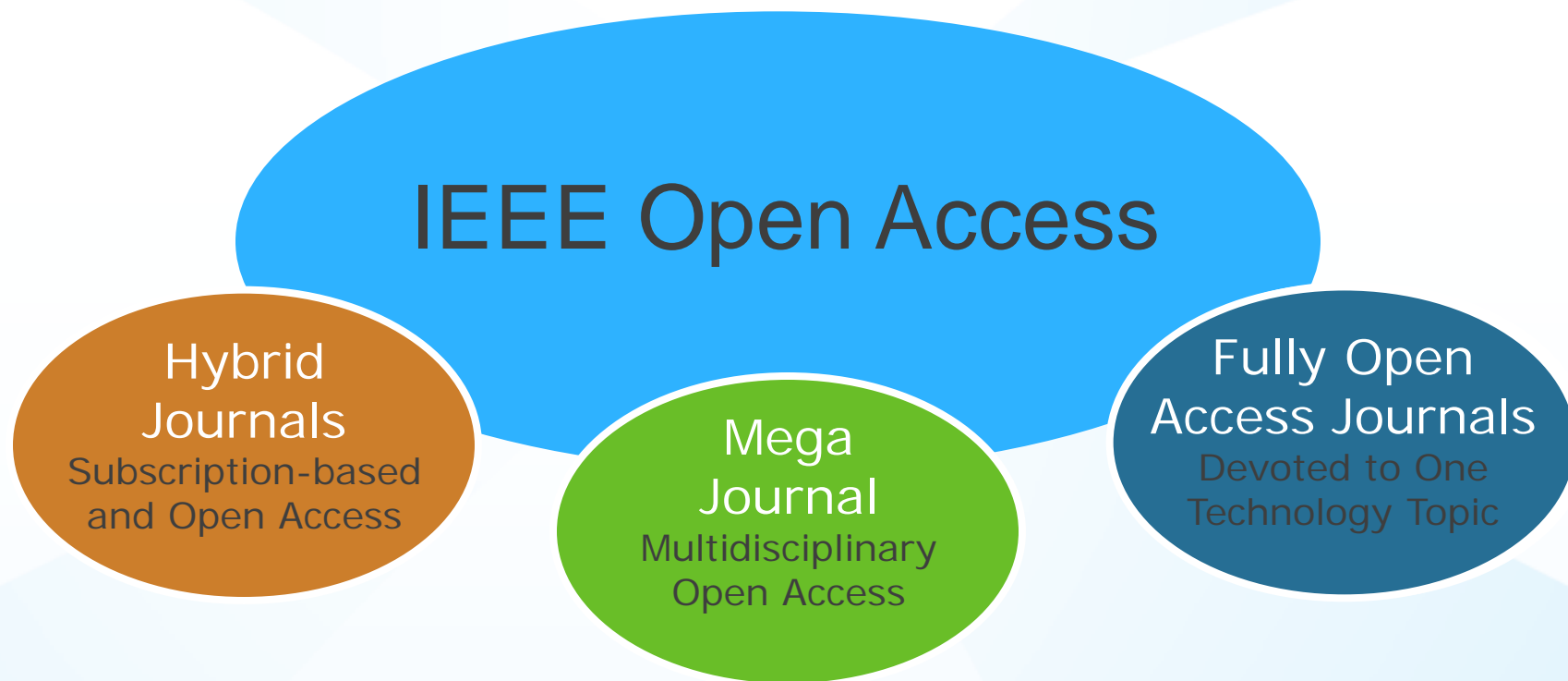
**Frequency:** 12

**ISSN:** 1536-1276

**Published by:**



# IEEE also makes available various types of open access publications



### 3 OA Models for Different Author Needs

Option	When	Why
Fully Open Access Topical Journals (4 so far)	Began publishing in 2012	Larger potential audience with traditional focus on specific areas
Hybrid Topical Journals (ultimately 100+)	Already an option	Gives authors the benefit of multiple journals w/established Impact Factors; publish in print and online
IEEE Access™	May 2013	Broad-scope, multi-disciplinary journal featuring practical applications and a rapid, binary peer-review process
All articles available through <i>IEEE Xplore</i> Digital Library		

# New Open Access Journals for 2013

IEEE is pleased to introduce several new fully open access journals. These journals are fully open access, dedicated to a specific subject area, contain author-pays articles, and delivered online only.

IEEE Photonics Journal  
View Journal >

IEEE Journal on Translational Engineering in Health & Medicine

IEEE Journal of the Electron Devices Society

IEEE Transactions on Emerging Topics in Computing

# Prepare Before You Begin

1) Is this an important problem, or, is the data collected and analyzed of interest to the wider community?

2) What has been done in the past?

3) Does this research significantly advance the state of the field?

# Prepare First Steps

Your research problem must contribute new and important knowledge to your field

- Conduct a Literature Review
- Take Notes & Keep Track
- Gather References & Citations
- Draft an Outline



# Prepare IEEE Author Digital Toolbox

A robust resource with tools to prepare your manuscript for publication

- IEEE Style Manual
- Reference Preparation Assistant
- Editing Assistance
- Templates
- Instructions for submitting multimedia materials

The screenshot shows the IEEE Author Digital Toolbox website. The header includes the IEEE logo and navigation links. The main content area is titled "Author Digital Tool Box" and features a sidebar with a "IEEE Publications Menu" and a central section with a "Preparing your article" heading. The right sidebar contains various links such as "View benefits of publishing with IEEE", "Which Journal would be right for my research?", and "Author copyright help".

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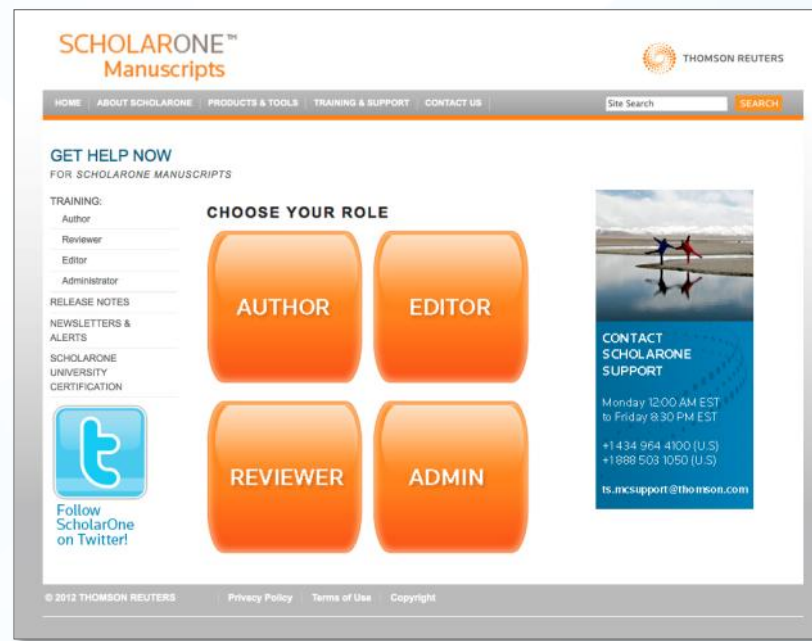
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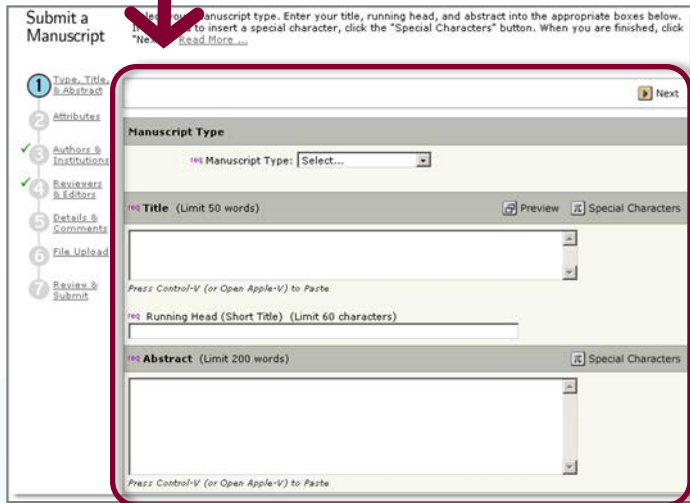
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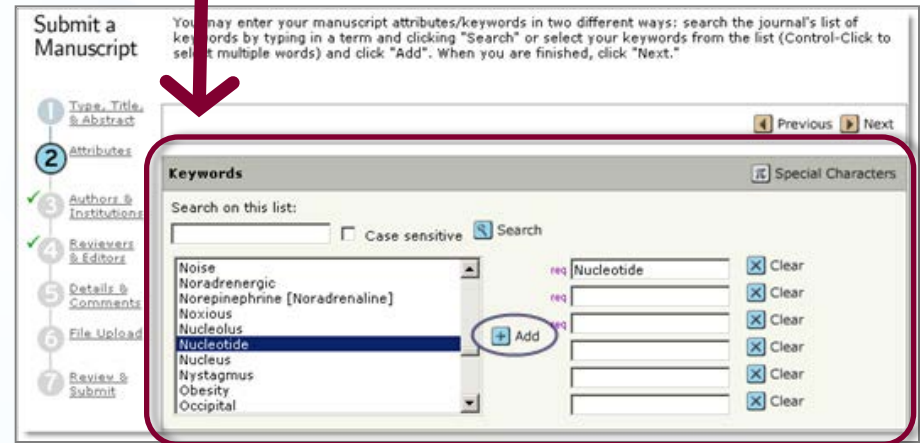
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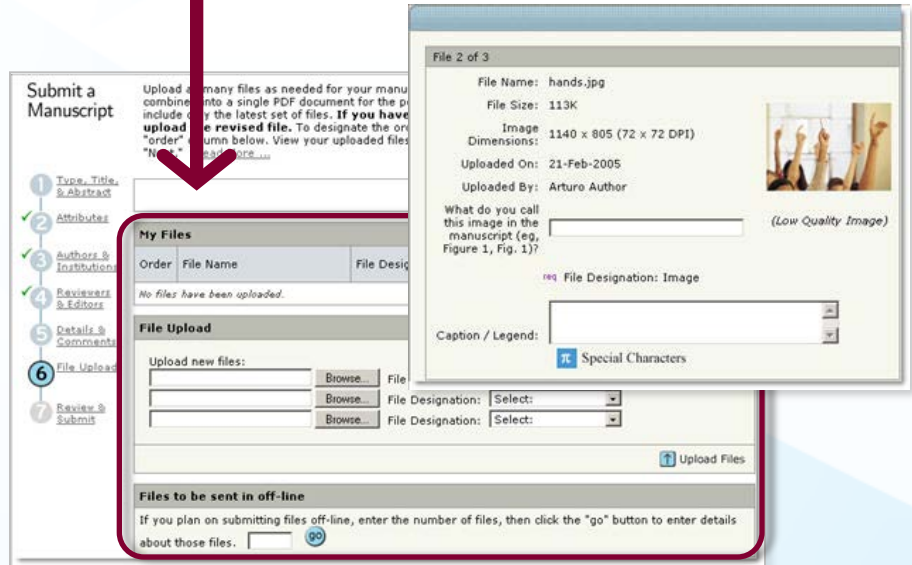
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### 6 File Upload



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5 Details & Comments  
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Abstract: abstract

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7 Review & Submit

# Submit

## Check the status of your review

Dashboard

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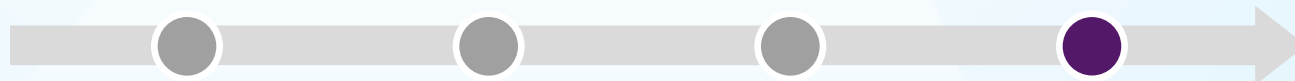
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# Review

## The Review Process

1. Paper received
2. Sent to Editor-in-Chief
3. Assigned to Associate Editor
4. Reviewers contacted
5. Reviewers accept task
6. When the reviews are received, the Associate Editor makes a recommendation to the Editor-in-Chief
7. Editor-in-Chief makes final decision

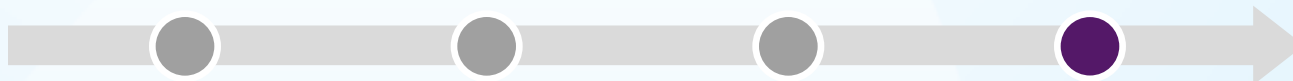
The steps in this review process vary by publication.



## Review

# Possible review decisions

- **ACCEPT:** Congratulations! The paper now is entered into a production process.
- **ACCEPT WITH MINOR CORRECTIONS:** One or more of the referees have made suggestions for improvement.
- **RESUBMIT:** The paper has major deficiencies that could be repaired by the author.
- **REJECT:** If you have a rejection from a top publication, you can try submitting the paper to a less prestigious publication.



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Each IEEE sponsored conference has its own requirements for publishing.

For complete information, see the Call for Papers for the conference in question.

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## 2012 IEEE Vehicle Power and Propulsion Conference (VPPC)

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**Conference Details**

<b>Dates</b>	09 Oct - 12 Oct 2012
<b>Location</b>	Seoul Olympic Parktel Seoul, Korea (South)
<b>Web site</b>	<a href="http://www.vppc2012.org">www.vppc2012.org</a>
<b>Contact</b>	Min Jung Kim Room 901, Science & Technology Building, 635-4, Yucksam-Dong, Kangnam-Ku Korea (South) Seoul 135-703 +82 70 8222 3371 +82 10 9156 3571 +82 2 3412 8723 (fax) secretariat@vppc2012.org
<b>Conference #</b>	20159
<b>Attendance</b>	450

Please see the [conference Web site](#) for full details.

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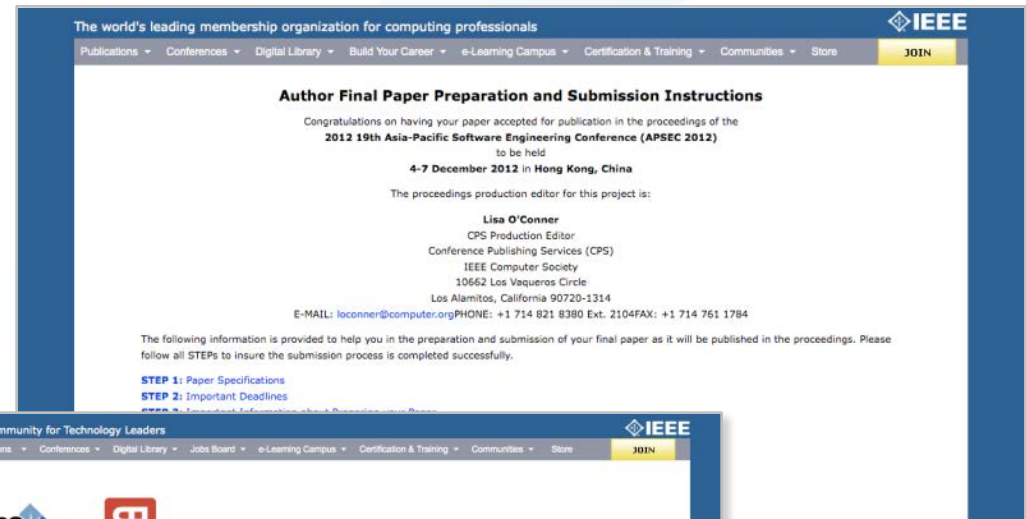
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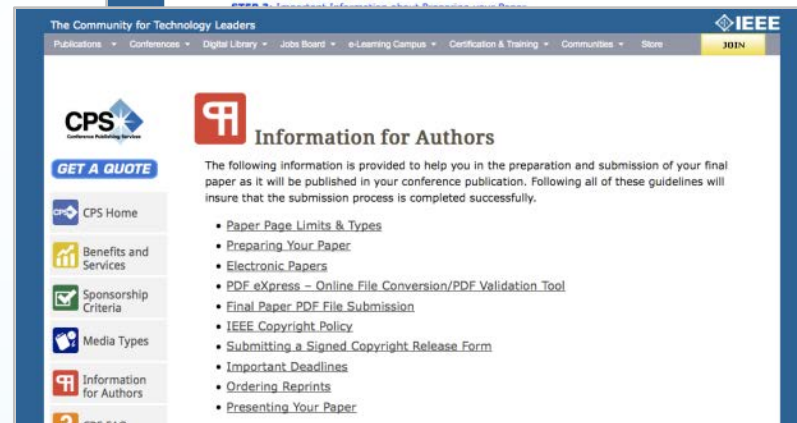
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IEEE publishes:

- 18 of top 20 journals in Electrical and Electronic Engineering
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- 8 of top 10 journals in Computer Hardware & Architecture
- 7 of top 10 journals in Automation & Control Systems
- 4 of top 5 journals in Artificial Intelligence
- 3 of the top 5 in Robotics
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- # 1 in Artificial Intelligence
- # 1 in Automation and Control
- # 1 in Computer Hardware
- # 1 in Cybernetics
- # 1 in Telecommunications

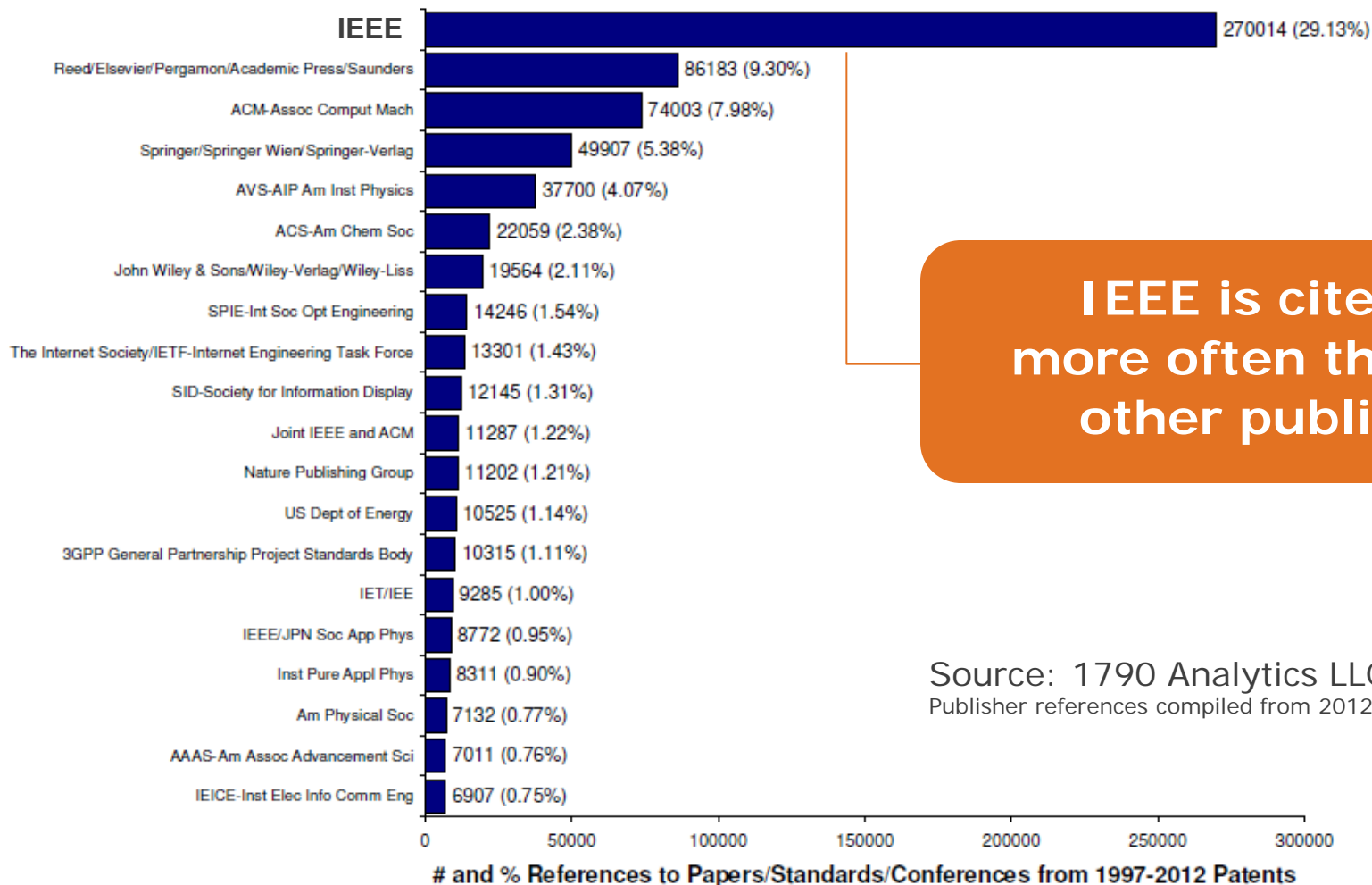


The JCR presents "quantifiable statistical data that provides a systematic, objective way to evaluate the world's leading journals"

Source: 2012 Thomson Reuters Journals Citation Reports (JCR), published June 2013

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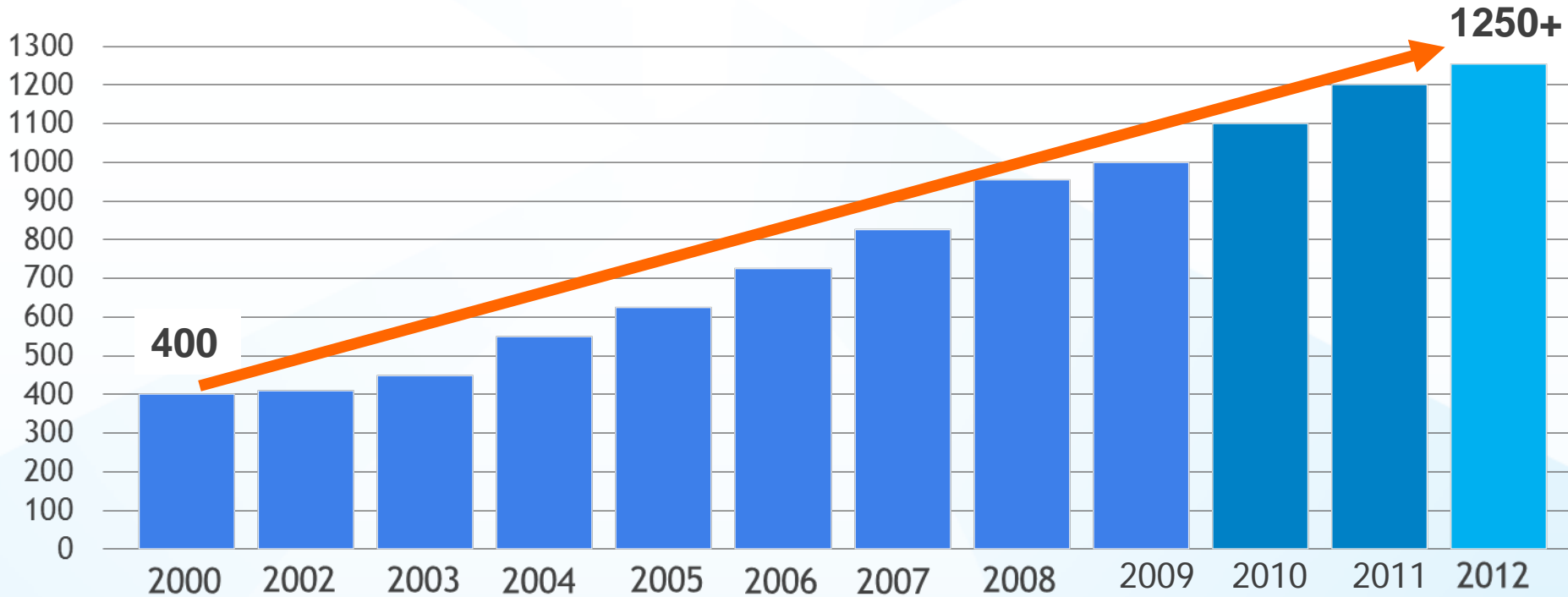


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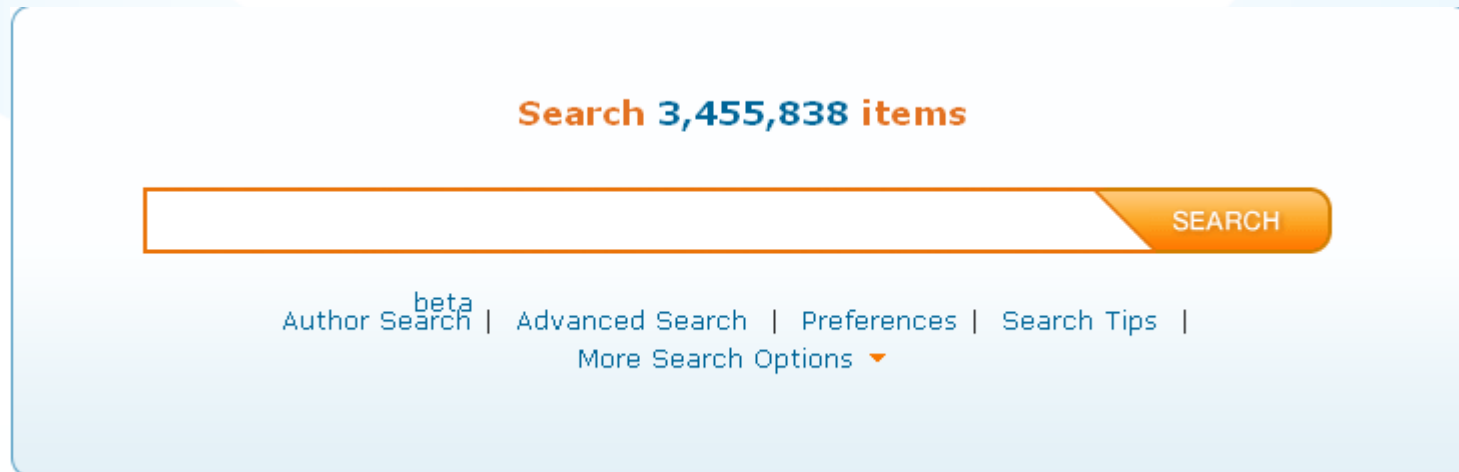
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- Power Engineering Society General Meeting, 2003, IEEE**  
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## A Secure Framework for Protecting Customer Collaboration in Intelligent Power Grids

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Author(s)

Hyejin Son ; Sch. of Electr. Eng., Korea Univ., Seoul, South Korea ; Tae Yoon Kang ; Hwangnam Kim ; Jae Hyung Roh

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Much interest and research have emerged to implement and improve the smart grid. The smart grid is the **power** infrastructure whose intellectual capability is enhanced with communication networks. In addition to communication networks, a bidirectional flow of both **power** and information enables the customers to actively participate in the whole procedure of **power** generation, transport, distribution, and consumption. In this paper, we propose the concept of collaborative customer to combine two or more customers into a single customer community, under which the customers collaborate on a **power-sharing** to reduce their expenditure for electricity **power**. However, the collaboration can be easily disrupted in the presence of malicious or selfish behaviors. In order to address the security issue, we present a brand-new security scheme, called the voucher scheme, for securely trading the right on **power** usage among members of a collaborative customer. When the voucher scheme is enabled, a **power** customer who wants to use extra **power** issues a certificate, called voucher that is immune to various security attacks, to a **power** customer who is willing to transfer its right on **power** usage to the former customer, so that both the customers can have monetary benefits. We formally define the security model for the voucher scheme and prove

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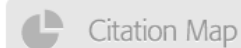
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3. Hong Liu; Huansheng Ning; Yan Zhang; Yang, L.T. "Aggregated-Proofs Based Privacy-Preserving Authentication for V2G Networks in the Smart Grid", *Smart Grid, IEEE Transactions on*, On page(s): 1722 - 1733 Volume: 3, Issue: 4, Dec. 2012  
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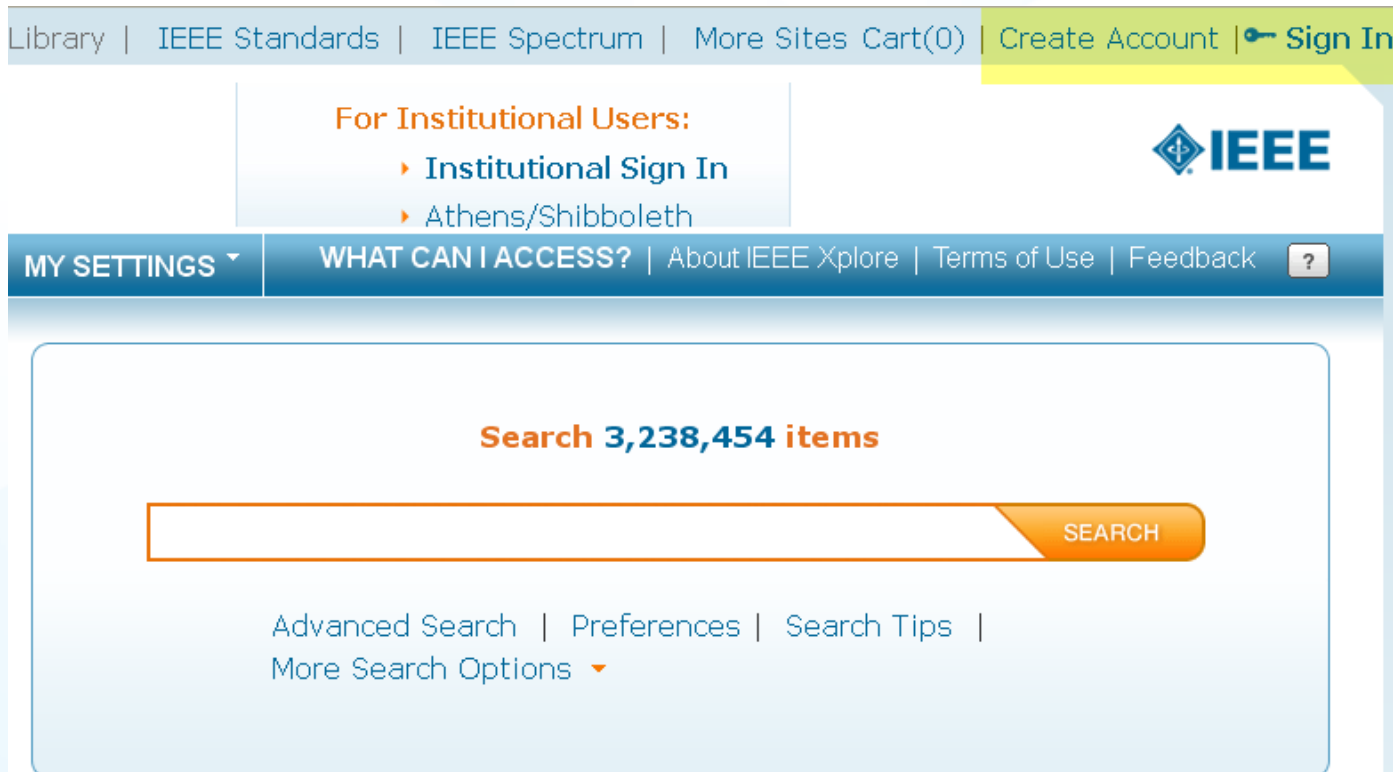


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