

2010

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Applied Micro Circuits Corporation (AMCC)

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<p><b>IET Journals</b></p> <p>23 annual titles</p>	<p>Includes IET's flagship magazine Engineering &amp; Technology, Electronics Letters, Micro &amp; Nano Letters and 20 other IET research Journals, refereed publications reporting the latest research and technical developments relating to electrical engineering and computing technologies.</p> <p><i>Complete backfile to 1994, with additional archival content for many titles.</i></p>
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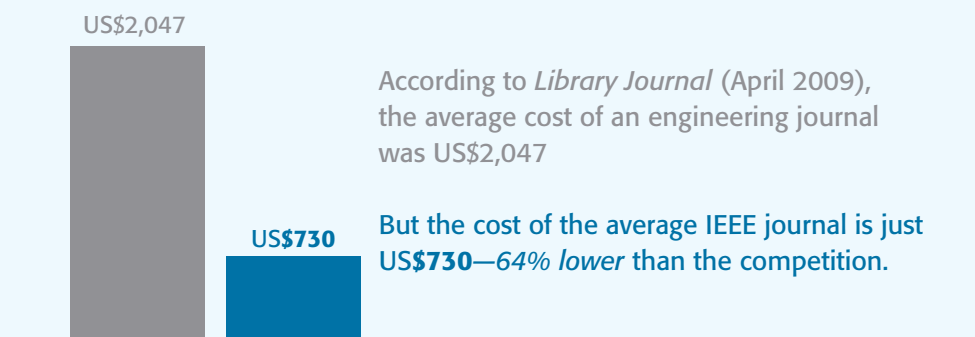
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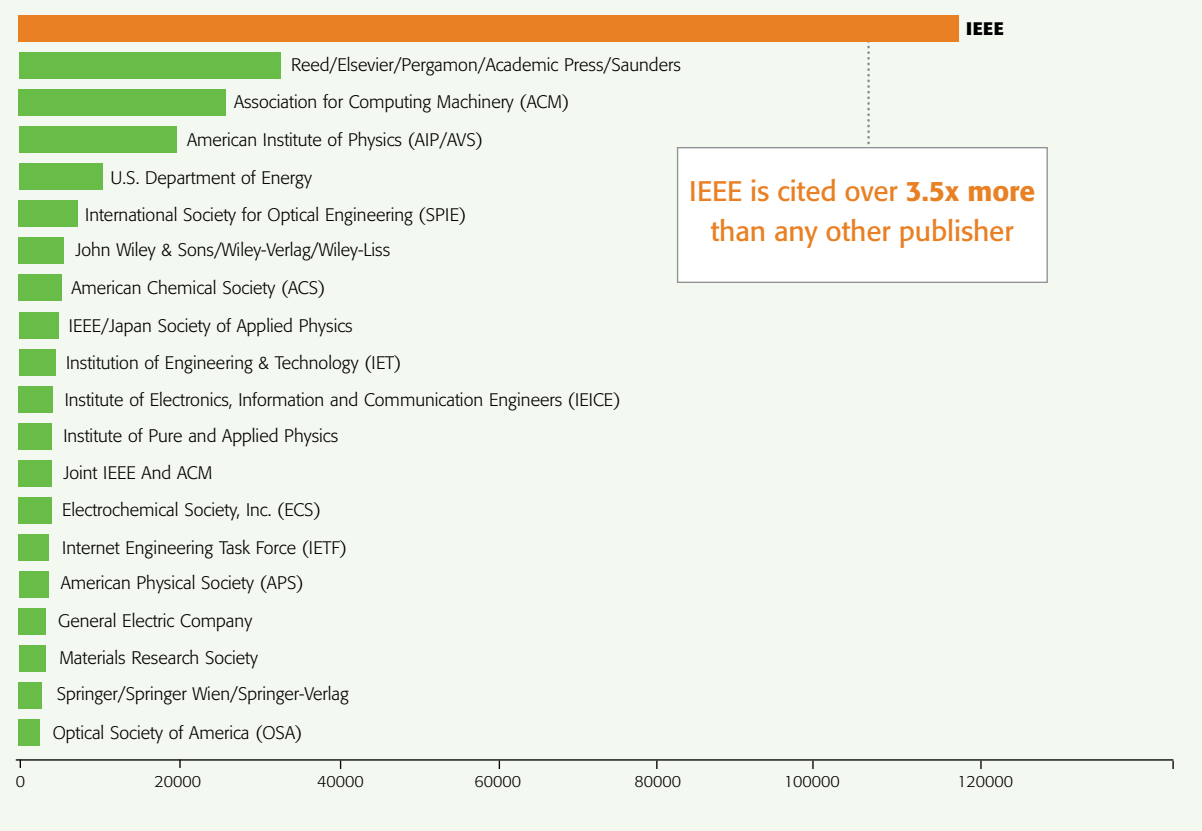
\*Contact your IEEE Account Manager for pricing information specific to your organization.

## Top Patenting Organizations Rely on IEEE Research

Today's corporations continue to deliver new patented technologies at an ever-increasing pace, and by far **the most-cited publisher in new patents is IEEE**, according to recent studies by 1790 Analytics LLC.

These studies reveal that IEEE journals and conference proceedings received over 117,000 patent citations—**over 3.5 times more than any other publisher**. In fact, referencing to IEEE papers has **increased 261%** since 1997.

### Patent References from the Top 25 Patenting Organizations to Top Publishers\*



\* Source: 1790 Analytics, LLC. Copyright 2009. Publishers compiled from all journals referenced 100+ times from organizations in 2008 US Patent Office Filings.

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—Eugene H. Spafford, IEEE Fellow  
 Professor and Director of Purdue University

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**20 of the Top 25** Semiconductor Companies

## Citations to IEEE Journals Continue to Climb

Each year, the Journal Citation Reports (JCR) from Thomson ISI examine the impact of scholarly journals by determining how often a journal's articles are cited by later research.

According to the most recent report, IEEE publishes:

- ▣ 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
- ▣ and top or high-ranking journals in several additional fields of technology

The JCR ranks journals by their impact factor, defined as the average number of times articles published in a specific journal in the previous two years were cited in a particular year.

### 16 of the top 20 journals in Electrical & Electronic Engineering

1	IEEE Transactions on Pattern Analysis
2	IEEE Transactions on Industrial Electronics
3	<i>Progress in Quantum Electronics</i>
4	<i>Progress in Electromagnetic Research</i>
5	Proceedings of the IEEE
6	IEEE Journal on Selected Areas of Communication
7	IEEE Transactions on Medical Imaging
8	IEEE Transactions on Information Theory
9	IEEE Signal Processing Magazine
10	IEEE Transactions on Neural Networks
11	IEEE Transactions on Fuzzy Systems
12	IEEE Transactions on Software Engineering
13	IEEE Transactions on Power Electronics
14	IEEE Journal of Solid-State Circuits
15	IEEE Transactions on Image Processing
16	IEEE Transactions on Automatic Control
17	<i>Pattern Recognition</i>
18	IEEE Wireless Communication
19	<i>Automatica</i>
20	IEEE Transactions on Geoscience and Remote Sensing



### 9 of the top 10 journals in Telecommunications

1	<i>Progress in Electromagnetics Research</i>
2	IEEE Journal on Selected Areas in Communications
3	IEEE Transactions on Mobile Computing
4	IEEE Wireless Communications
5	IEEE Network
6	IEEE Communications Magazine
7	IEEE Pervasive Computing
8	IEEE/ACM Transactions on Networking
9	IEEE Transactions on Antennas and Propagation
10	IEEE Transactions on Multimedia

### More Notable IEEE Journals

IEEE Transactions on Medical Imaging	#1 in Imaging Science & Photographic Technology #1 in Computer Science, Interdisciplinary Applications #2 in Biomedical Engineering
IEEE Robotics & Automation Magazine	#1 in Robotics #5 Automation & Control Systems
IEEE Transactions on Robotics	#4 in Robotics
IEEE Transactions on Pattern Analysis	#1 in Electrical & Electronic Engineering #1 in Computer Science, Artificial Intelligence
IEEE Transactions on Automatic Control	#2 in Automation & Control Systems
IEEE Wireless Communications Magazine	#4 in Telecommunications #4 in Computer Science, Hardware & Architecture
IEEE Transactions on Neural Networks	#1 in Computer Science, Hardware & Architecture #3 in Computer Science, Theory & Methods #4 in Computer Science, Artificial Intelligence
IEEE Transactions on Evolutionary Computation	#2 in Computer Science, Theory & Methods #3 in Computer Science, Artificial Intelligence
IEEE Journal of Oceanic Engineering	#3 in Ocean Engineering
IEEE Transactions on Geoscience and Remote Sensing	#2 in Remote Sensing
IEEE Transactions on Intelligent Transportation	#1 in Transportation Science & Technology #2 in Civil Engineering
IEEE Transactions on Aerospace and Electronic Systems	#4 in Aerospace Engineering
IEEE Transactions on Industrial Informatics	#2 in Industrial Engineering

Source: 2008 Journal Citation Reports (JCR) from Thomson ISI, published June 2009. Journal titles in italics are from other publishers.

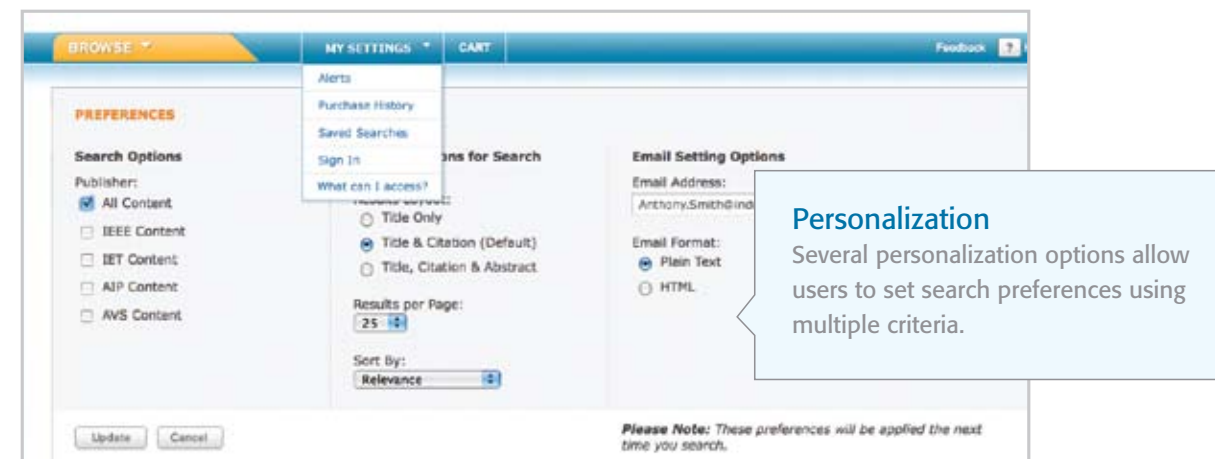
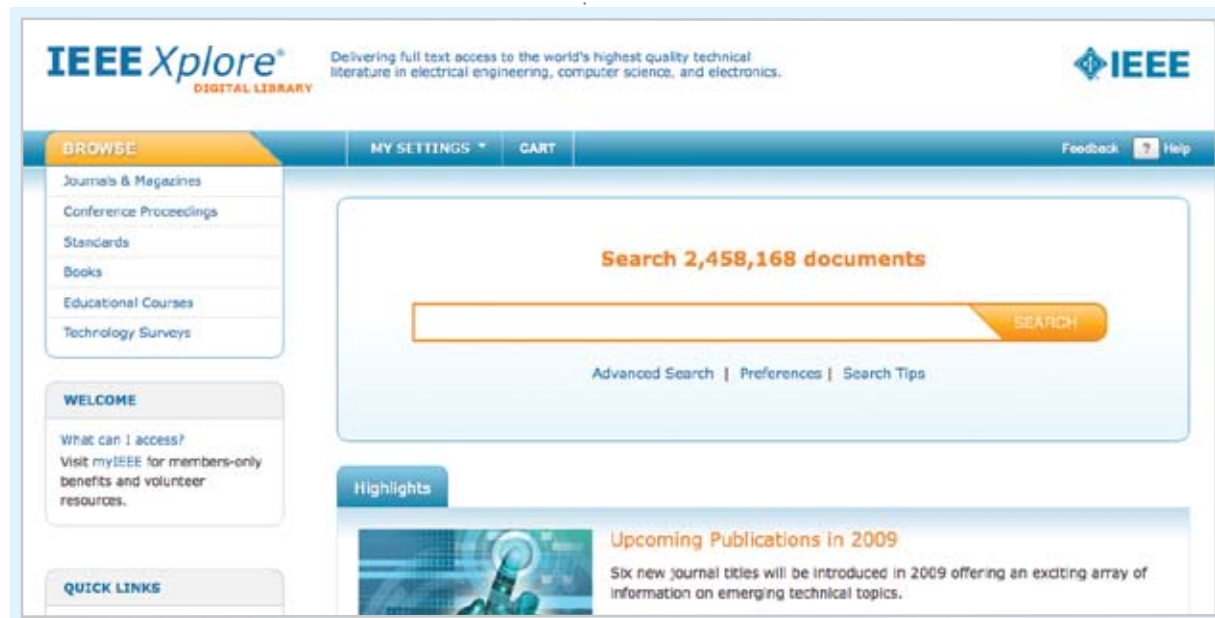
For more information on IEEE journal citation rankings, visit [www.ieee.org/citations](http://www.ieee.org/citations)

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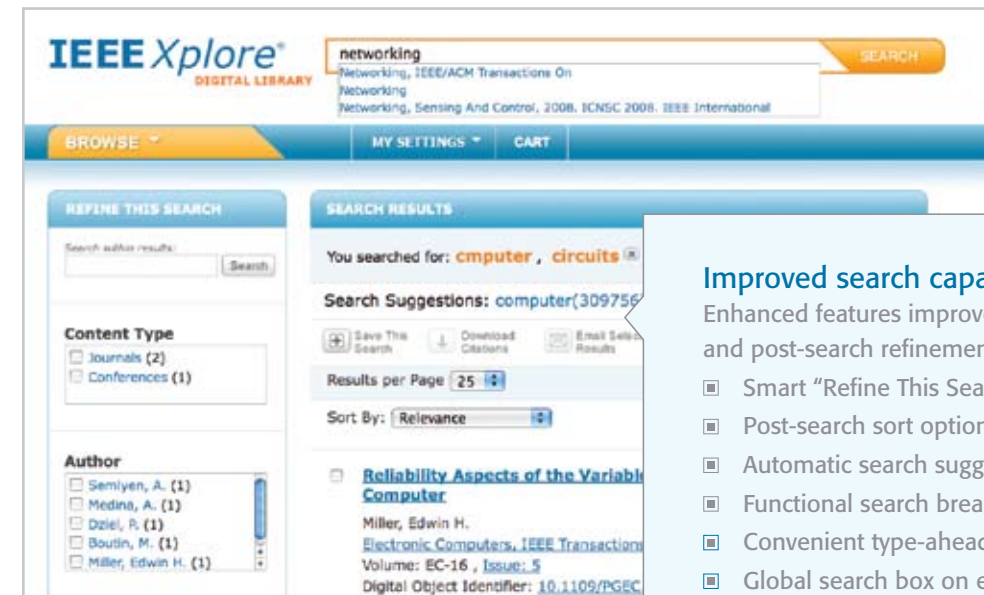
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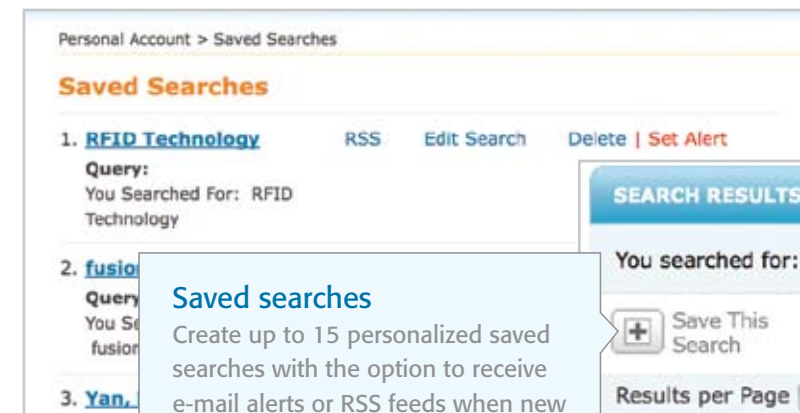
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### New IEEE Journals for 2010

- ▣ IEEE Transactions on Affective Computing
- ▣ IEEE Biometrics Compendium—*coming late 2010*
- ▣ IEEE Magnetics Letters
- ▣ IEEE Transactions on Smart Grid
- ▣ IEEE Transactions on Sustainable Energy

### New IEEE Journals for 2009

- ▣ IEEE Transactions on Autonomous Mental Development
- ▣ IEEE Transactions on Computational Intelligence and AI in Games
- ▣ IEEE Embedded Systems Letters
- ▣ IEEE/OSA Journal on Optical Communications and Networking
- ▣ IEEE Photonics Journals
- ▣ IEEE Solid-State Circuits

### Selection of New IEEE Conferences in 2009

- ▣ International Conference on Advances in Databases, Knowledge, and Data Applications
- ▣ International Conference on Advances in Future Internet
- ▣ International Conference on Advances in Multimedia
- ▣ International Conference on Advances in Satellite and Space Communications
- ▣ ORNL Biomedical Science & Engineering Conference
- ▣ International Workshop on Database Technology and Applications
- ▣ International Workshop on Education Technology and Computer Science
- ▣ Asian Conference on Intelligent Information and Database Systems
- ▣ International Workshop on Near Field Communication
- ▣ International Symposium on Search Based Software Engineering
- ▣ International Conference on Ubiquitous and Future Networks
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### Current Publications

- ▣ Electronics Letters
- ▣ Micro & Nano Letters
- ▣ IET Research Journals—includes 20 titles!
- ▣ Engineering & Technology magazine
- ▣ IET Conference Publications
- ▣ IET Seminar Digests

Includes access to backfile content from 1994 where available.

### Legacy Content

- ▣ Electronics Letters Archive (1965-1993)
- ▣ IET Magazines—access content from 1988–2007 for seven titles
- ▣ Further IET journal archive material from 1872–1993 is coming soon!

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- ▣ IET Communications—up from 12 to 18 issues
- ▣ IET Electric Power Applications—up from 6 to 9 issues
- ▣ IET Microwaves, Antennas & Propagation—up from 8 to 12 issues
- ▣ IET Renewable Power Generation—up from 4 to 6 issues

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Antennas and Propagation Magazine, IEEE (M-AP)	\$530
Antennas and Propagation, IEEE Trans. on (T-AP)	\$1200
Antennas and Wireless Propagation Letters, IEEE (L-AWP)	\$550**
<b>Architecture/Parallel and High-Performance Computing</b>	
Computer Architecture Letters, IEEE (L-CA)	\$120
<b>Biomedical</b>	
Biomedical Circuits and Systems, IEEE Trans. on (T-BCAS)	\$495
Biomedical Engineering, IEEE Reviews in (R-BME)	\$300**
Biomedical Engineering, IEEE Trans. on (T-BME)	\$1,475
Computational Biology and Bioinformatics, IEEE/ACM Trans. on (T-CBB)	\$450
Engineering in Medicine and Biology Magazine, IEEE (M-EMB)	\$525
Information Technology in Biomedicine, IEEE Trans. on (T-ITB)	\$495
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Selected Areas in Communications, IEEE Journal on (J-SAC)	\$1,325
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Network, IEEE (M-NET)	\$425
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Computational Intelligence and AI in Games, IEEE Trans. on (T-CIAG)	\$675**
Computational Intelligence Magazine, IEEE (M-CI)	\$545**
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Networking, IEEE/ACM Trans. on (T-NET)	\$795
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Computer Magazine (M-C)	\$1,625
Computers, IEEE Trans. on (T-C)	\$2,050
Computing in Science and Engineering Magazine (CiSE)	\$625**
Design and Test of Computers Magazine, IEEE (M-D&T)	\$685

Journal Titles	Print Price
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Internet Computing Magazine, IEEE (M-IC)	\$975
IT Professional Magazine (M-ITPRO)	\$710
Micro Magazine, IEEE (M-MICRO)	\$825
Mobile Computing, IEEE Trans. on (T-MC)	\$895
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Consumer Electronics, IEEE Trans. on (T-CE)	\$300
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Automatic Control, IEEE Trans. on (T-AC)	\$1,500
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Control Systems Technology, IEEE Trans. on (T-CST)	\$495
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Very Large Scale Integration Systems, IEEE Trans. on (T-VLSI)	\$1,225
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Electromagnetic Compatibility, IEEE Trans. on (T-EMC)	\$425
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Device and Materials Reliability, IEEE Trans. on (T-DMR)	\$875**
Electron Device Letters, IEEE (L-ED)	\$1,050
Electron Devices, IEEE Trans. on (T-ED)	\$1,650
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Engineering Management Review, IEEE (R-EM)	\$235
Engineering Management, IEEE Trans. on (T-EM)	\$460
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Fuzzy Systems, IEEE Trans. on (T-FUZZ)	\$1,230
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Geoscience and Remote Sensing Letters, IEEE (L-GRS)	\$495**
Geoscience and Remote Sensing, IEEE Trans. on (T-GRS)	\$925
Selected Topics in Applied Earth Observations and Remote Sensing, IEEE Journal of (J-STARS)	\$1,030
<b>Haptics</b>	
Haptics, IEEE Trans. on (T-H)	\$545
<b>History of Technology</b>	
Annals of the History of Computing, IEEE (M-AHC)	\$520
<b>Image Processing</b>	
Image Processing, IEEE Trans. on (T-IP)	\$2,281**
<b>Industry</b>	
Industrial Electronics Magazine, IEEE (M-IE)	\$275**
Industrial Electronics, IEEE Trans. on (T-IE)	\$995
Industrial Informatics, IEEE Trans. on (T-IINF)	\$740

Journal Titles	Print Price
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Industry Applications, IEEE Trans. on (T-IA)	\$875
<b>Information Theory</b>	
Information Theory, IEEE Trans. on (T-IT)	\$1,075
<b>Instrumentation, Measurement and Testing</b>	
Instrumentation and Measurement Magazine, IEEE (M-IM)	\$170
Instrumentation and Measurement, IEEE Trans. on (T-IM)	\$1,000
Sensors Journal, IEEE (J-SEN)	\$1,250**
<b>Interdisciplinary</b>	
Canadian Journal of Electrical and Computer Engineering	NA
Display Technology, IEEE/OSA Journal of (J-DT)	\$950**
Latin America Transactions, IEEE	NA
Nanotechnology Magazine, IEEE (M-NANO)	\$280**
Nanotechnology, IEEE Trans. on (T-NANO)	\$745**
Potentials, IEEE	\$40**
Proceedings of the IEEE (STM)	\$1,095**
Spectrum, IEEE	\$399**
<b>Magnetics, Superconductors</b>	
Applied Superconductivity, IEEE Trans. on (T-ASC)	\$1,110
IEEE Magnetics Letters (L-MAG) <b>NEW</b>	\$125*
Magnetics, IEEE Trans. on (T-MAG)	\$1,250
<b>Manufacturing (Circuits and Devices)</b>	
Computer-Aided Design of Integrated Circuits and Systems, IEEE Trans. on (T-CAD)	\$1,095
Semiconductor Manufacturing, IEEE Trans. on (T-SCM)	\$535
<b>Microwave</b>	
Microwave and Wireless Components Letters, IEEE (L-MWC)	\$725
Microwave Magazine, IEEE (M-MW)	\$285
Microwave Theory and Techniques, IEEE Trans. on (T-MTT)	\$1,495
<b>Nuclear and Plasma Science</b>	
Nuclear Science, IEEE Trans. on (T-NS)	\$1,600
<b>Oceanic Engineering</b>	
Oceanic Engineering, IEEE Journal of (J-OE)	\$320
<b>Optics and Optoelectronics</b>	
Lightwave Technology, IEEE/OSA Journal of (J-LT)	\$2,185**
Optical Communications and Networking, IEEE/OSA Journal of (J-OCN)	\$2,350**
Photonics Journal, IEEE (J-PHOT)	\$920*
Photonics Technology Letters, IEEE (L-PT)	\$1,400
Quantum Electronics, IEEE Journal of (J-QE)	\$1,875
Selected Topics in Quantum Electronics, IEEE Journal of (J-STQE)	\$1,250
<b>Packaging</b>	
Advanced Packaging, IEEE Trans. on (T-ADVP)	\$650
Components and Packaging Technologies, IEEE Trans. on (T-CAPT)	\$675
Electronics Packaging Manufacturing, IEEE Trans. on (T-EPM)	\$535
<b>Plasma Science and Applications</b>	
Plasma Science, IEEE Trans. on (T-PS)	\$1,130
<b>Power and Energy</b>	
Energy Conversion, IEEE Trans. on (T-EC)	\$725
Power & Energy Magazine, IEEE (M-P&E)	\$375
Power Delivery, IEEE Trans. on (T-PWRD)	\$840
Power Systems, IEEE Trans. on (T-PWRS)	\$925
Smart Grid, IEEE Trans. On (T-SG) <b>NEW</b>	\$470**
Sustainable Energy, IEEE Trans. On (T-STE) <b>NEW</b>	\$470**

Journal Titles	Print Price
<b>Power Dielectrics, Insulation and Safety</b>	
Dielectrics and Electrical Insulation, IEEE Trans. on (T-DEI)	\$480
Electrical Insulation Magazine, IEEE (M-EI)	\$175
<b>Power Electronics</b>	
Power Electronics, IEEE Trans. on (T-PEL)	\$850
<b>Professional Communication</b>	
Professional Communication, IEEE Trans. on (T-PC)	\$260
<b>Reliability and Quality</b>	
Reliability, IEEE Trans. on (T-R)	\$375
<b>Robotics and Automation</b>	
Robotics, IEEE Trans. on (T-RO)	\$925
Robotics and Automation Magazine, IEEE (M-RA)	\$360
Automation Science and Engineering, IEEE Trans. on (T-ASE)	\$685**
<b>Security and Privacy</b>	
Security & Privacy Magazine, IEEE (M-S&P)	\$725
<b>Signal Processing</b>	
Multimedia, IEEE Trans. on (T-MM)	\$850
Selected Topics in Signal Processing, IEEE Journal of (J-STSP)	\$1,406**
Signal Processing Letters, IEEE (L-SP)	\$1,031**
Signal Processing Magazine, IEEE (M-SP)	\$994**
Signal Processing, IEEE Trans. on (T-SP)	\$2,625**
<b>Socio-Political Aspects of Technology</b>	
Technology and Society Magazine, IEEE (M-T&S)	\$315
<b>Software Design and Development</b>	
Software Engineering, IEEE Trans. on (T-SE)	\$1,825
Software Magazine, IEEE (M-SOFT)	\$975
<b>Solid State Circuits</b>	
Solid-State Circuits, IEEE Journal of (J-SSC)	\$1,195
Solid-State Circuits Magazine, IEEE (M-SSC)	\$670**
<b>Speech and Audio Processing</b>	
Audio, Speech and Language Processing, IEEE Trans. on (T-ASL)	\$1,156**
<b>Systems Engineering</b>	
Systems Journal, IEEE (J-SYS)	\$450**
Systems, Man, and Cybernetics, Part A: Systems and Humans, IEEE Trans. on (T-SMCA)	\$500
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Instrumentation in Aerospace Simulation Facilities (ICIASF), Int'l Congress on Recent Advances in Space Technologies (RAST), Int'l Conf on

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Bioengineering Conf, Annual Northeast  
Computers in Cardiology Conf  
Engineering in Medicine & Biology Society Annual Conf (EMBS), IEEE  
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Sensors and Int'l Conf on New Techniques in Pharmaceutical and Biomedical Research, Asian Conf on  
Ultrasonics Symp, IEEE

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Circuits and Systems (ISCAS), IEEE Int'l Symp on  
Circuits and Systems (MWCAS), Midwest Symp on  
Communications, Circuits and Systems (ICCCAS), Int'l Conf on  
Compound Semiconductor IC Symp (CSICS), IEEE  
Custom Integrated Circuits Conf (CICC), IEEE  
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Power Semiconductor Devices & ICs (ISPSD), Int'l Symp on  
Radio Frequency Integrated Circuits Symp (RFIC), IEEE  
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Solid-State Circuits Conf (ASSCC), IEEE Asian  
Solid-State Circuits Conf (ESSCIRC), European  
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VLSI Circuits, IEEE Symp on  
VLSI Design, Int'l Conf on  
VLSI Technology, IEEE Symp on

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IEEE Pacific Rim Conf on  
Global Telecommunications Conf (GLOBECOM), IEEE  
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Pervasive Services, ACS/IEEE Int'l Conf on

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Ultra-Wideband (ICU), IEEE Int'l Conf on  
Wireless Communications and Applied Computational Electromagnetics (WCACE), IEEE/ACES Int'l Conf on  
Wireless Sensor Networks, IEEE European Wksp on  
Wireless Technologies (ECWT), European Conf on

### Computing

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Advanced Learning Technologies (ICALT), Int'l Conf on  
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Computer Vision & Pattern Recognition (CVPR), IEEE Conf on  
Computer Vision (ICCV), IEEE Int'l Conf on  
Computers & Communications (ISCC), IEEE Symp on  
Consumer Electronics (ICCE), IEEE Int'l Conf on  
Design, Automation and Test in Europe Conf and Exhibition (DATE)  
Document Analysis and Recognition (ICDAR), Int'l Conf on  
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Evolutionary Computation (CEC), Congress on  
Industry Applications Society Annual Meeting, IEEE  
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Machine Learning and Applications (ICMLA), Int'l Conf on  
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Neural Networks and Brain, Int'l Conf on  
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Parallel and Distributed Computing (ISPD), Int'l Symp  
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Lasers & Electro-Optics (CLEO/Pacific Rim), Pacific Rim Conf on  
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LEOS Summer Topical Meetings  
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Quantum Electronics Conf (IQEC), Int'l

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Microwave and Optoelectronics Conf, SBMO/IEEE Int'l  
Microwave Conf (APMC), Asia Pacific  
Microwave Electronics: Measurement, Identification, Application (MEMIA),  
Int'l Conf on  
Microwave Photonics (MWP), Int'l Topical Meeting on  
Microwave Symp, IEEE/MTT-S Int'l  
Wireless and Microwave Technology Conf, IEEE Annual

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Power Electronics and Drive Systems (PEDS), Int'l Conf on

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Wireless Communications & Networking Conf (WCNC), IEEE  
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