



4 of the top 5 computer hardware, and **4 of the top 5** computer storage device companies subscribe to IEEE *Xplore*.

Source: 2014 Forbes Global 2000 rankings

Available in IEEE *Xplore*:
IBM Journal of Research and Development

"IBM is proud to join IEEE in the combined publication of the *IBM Journal of Research and Development* and the *IBM Systems Journal*."

—Dr. John Ritsko, Editor-in-Chief Emeritus,
IBM Technical Journals

Computer Hardware Organizations Innovate with IEEE Information

Whether you're developing systems-on-a-chip, grid computing, parallel architecture or any other computer hardware technology, IEEE is your gateway to the most vital information in the industry today. With the intuitive IEEE *Xplore*® digital library, you'll find the journal articles, conference proceedings, and standards needed to lead computer hardware innovation—and boost your company's bottom line.

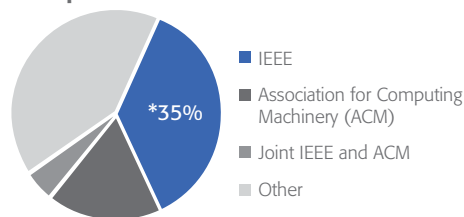
IEEE Information Drives Computer Hardware Patents

Today's computer hardware corporations deliver new patented technologies at an ever-increasing pace, based on research that is at the forefront of the industry. Patent references to IEEE papers have increased 768% since 1997 and recent studies of the top patenting companies show that **IEEE scientific and technical articles are cited over 3 times more often than any other scholarly or commercial publisher.**

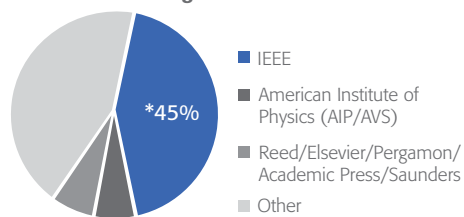
IEEE: the Top-Cited Publisher in Computing

IEEE is the top scientific and technical source with patent citations in:

Computer Hardware



Information Storage



*Percentage of patent citations 1997 to 2013

Source: 1790 Analytics LLC, Copyright 2014

Essential IEEE Content in Computer Hardware Technology

IEEE content remains crucial to the computer hardware industry—providing research in a wide variety of topics through the IEEE *Xplore* digital library.

Grid Computing	23,800+ documents
Computer Vision	126,000+ documents
Embedded Systems/Software/Computing	77,200+ documents
Pattern Recognition	182,500+ documents
High Performance Computing	41,200+ documents
Wireless Sensor Networks	74,300+ documents
Distributed Systems	97,400+ documents
Parallel Architecture	29,600+ documents
Computer Arithmetic	5,700+ documents
Internet of Things/M2M	9,600+ documents

Counts are accurate as of May 2014 and include IEEE/IET and IBM content.

www.ieee.org/innovate

Phone +1 800 701 IEEE (4333) (in the U.S.)

+1 732 981 0060 (worldwide)

E-mail onlinesupport@ieee.org

 **IEEE**
Advancing Technology
for Humanity



The IEEE Xplore® Digital Library

Find a subscription that's right for you—from tailored journal collections to the entire research catalog—with the IEEE Xplore digital library. Along with journals, magazines, conferences, standards, eBooks, and eLearning, IEEE Xplore delivers:

- The world's most highly cited journals in technology
- More than 3 million full-text documents
- Full-text, searchable PDFs for all documents, and a growing number of HTML documents
- Full INSPEC abstract and citation records
- Weekly content updates—20,000+ new IEEE/IET articles every month
- Multiple search options
- Interactive reference linking
- Free e-mail alerts

IEEE Leads Computer Hardware Technology

IEEE enables innovation as a leading developer and producer of content across a wide range of industries, from standards to conferences, eBooks, and eLearning courses for aspiring individuals and growing organizations. Below is a sampling of IEEE content.

Journals

- IEEE Wireless Communications Magazine*—#1 in Computer Science, Hardware & Architecture
- IEEE Transactions on Neural Networks & Learning Systems*—#2 in Computer Science, Hardware & Architecture
- IEEE Network*—#3 in Computer Science, Hardware & Architecture
- IEEE Transactions on Computational Intelligence and AI in Games*
- IEEE Computer Architecture Letters*
- IEEE Computer Graphics and Applications Magazine*
- Computer Magazine*
- IEEE Transactions on Computers*
- IEEE Transactions on Dependable and Secure Computing*
- IEEE Design and Test Magazine*
- IEEE Intelligent Systems Magazine*
- IEEE Transactions on Knowledge and Data Engineering*
- IEEE Micro Magazine*
- IEEE/ACM Transactions on Networking*

Source: 2013 Thomson Reuters Journal Citation Reports, published July 2014

IEEE Publishes Top-Cited Computer Content

- 6 of the top 10 journals in Computer Science, Hardware & Architecture
- Top 15 journals in Telecommunications

Source: 2013 Thomson Reuters Journal Citation Reports, published July 2014

Conferences

- IEEE Annual International Symposium on Field-Programmable Custom Computing Machines
- IEEE Conference on Engineering of Complex Computer Systems
- IEEE International Conference on Cloud Computing
- IEEE International Conference on Computational Intelligence and Computing Research
- IEEE Symposium on Security and Privacy
- International Conference on Advances in Electronics and Micro-electronics
- NASA/ESA Conference on Adaptive Hardware and Systems

Standards

1413-2010	IEEE Standard Framework for Reliability Prediction of Hardware
1667-2009	IEEE Standard for Authentication in Host Attachments of Transient Storage Devices
1800-2012	IEEE Standard for SystemVerilog-Unified Hardware Design, Specification, and Verification Language
1364-2005	IEEE Standard for Verilog Hardware Description Language
62530-2011	SystemVerilog Unified Hardware Design, Specification, and Verification Language

For more information about our content types, please visit www.ieee.org/digitalsubscriptions

Learn which IEEE subscription option is right for your organization.

Request a free trial at www.ieee.org/innovate

Phone +1 800 701 IEEE (4333) (in the U.S.)
+1 732 981 0060 (worldwide)
E-mail onlinesupport@ieee.org

 **IEEE**
Advancing Technology
for Humanity