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Source: 2015 Forbes Global 2000 rankings

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

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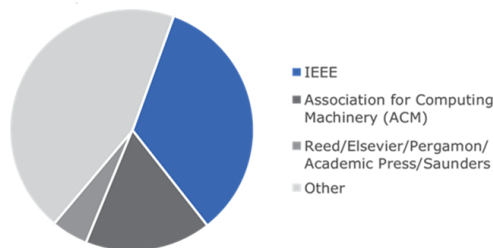
### IEEE Information Drives Computer Hardware Patents

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 896% 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.**

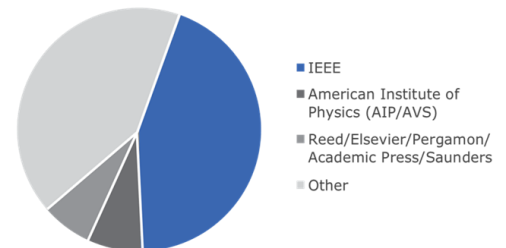
### IEEE: the Top-Cited Publisher in Computing

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

#### Computer Hardware



#### Information Storage



\*Percentage of patent citations 1997 to 2014  
Source: 1790 Analytics LLC, Copyright 2015

### Essential IEEE Content in Computer Hardware Technology

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Counts are accurate as of March 2016 and include IEEE/IET and IBM content.

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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*—#4 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: 2014 Thomson Reuters Journal Citation Reports, published June 2015

### IEEE Publishes Top-Cited Computer Content

- 7 of the top 10 journals in Computer Science, Hardware & Architecture
- 17 of the top 20 journals in Telecommunications

Source: 2014 Thomson Reuters Journal Citation Reports, published June 2015

### 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                   |

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