

9 of the top 10

IT software & services companies subscribe to IEEE *Xplore*.

Source: 2022 Forbes Global 2000 rankings

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

Computer Software Organizations

Innovate with IEEE Information

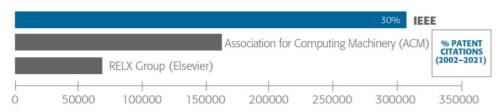
Whether you're researching software standards, cloud computing, predictive modeling, SQL or any other computer software technology, IEEE is your gateway to the most vital information in the industry today. With the intuitive IEEE <code>Xplore®</code> digital library, you'll find the journal articles, conference proceedings, and standards needed to lead computer software innovation—and boost your company's bottom line.

IEEE Information Drives Computer Software Patents

Today's computer software 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 864% since 1997 and recent studies of the top patenting companies show that **IEEE scientific and technical articles are cited nearly 3 times more often than any other scholarly or commercial publisher**.

IEEE: the Top-Cited Publisher in Computer Software Patents

IEEE is the top scientific and technical research source with 30% of all patent citations in computer software.



Source: 1790 Analytics LLC, copyright 2022

Essential IEEE Content in Computer Software Technology

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

Service Oriented Architecture/ Software as a System	16,500+ documents
Cloud Computing	69,400+ documents
Data Mining	115,200+ documents
Software/Systems Testing	58,000+ documents
Open Source	24,000+ documents
Social and Collaborative Networks/ Computing	45,300+ documents
Mobile/Pervasive Computing	97,800+ documents
Internet of Things/M2M	63,800+ documents
Machine Learning	105,600+ documents
Data Privacy	28,000+ documents
Artificial Intelligence	283,000+ documents

Counts are accurate as of November 2021

www.ieee.org/innovate

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





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 5 million full-text documents
- Full-text, searchable
 PDFs for all documents,
 and a growing number
 of HTML documents
- Abstract/citation and bibliographic records for subscribed content
- Daily content updates with up to 200,000 articles added each year
- Multiple search options
- Interactive reference linking
- Free email alerts

IEEE Leads Computer Software 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 Transactions on Dependable and Secure Computing—#3 in Computer Science, Software Engineering
- -IEEE Transactions on Services Computing-#1 in Computer Science, Software Engineering
- -IEEE Transactions on Multimedia-#5 in Computer Science, Software Engineering
- —Computer Magazine
- -IEEE Internet Computing Magazine
- —IEEE Micro Magazine
- -IEEE Transactions on Software Engineering
- —IEEE Software Magazine
- -IEEE Transactions on Visualization and Computer Graphics
- -IEEE Transactions on Cloud Computing

Source: 2020 Journal Citation Reports, (Clarivate Analytics, 2021)

IEEE Publishes Top-Cited Computer Content

- -3 of the top 5 journals in Computer Science, Software Engineering
- —The top 4 journals in Computer Science, Hardware & Architecture
- —9 of the top 10 journals in Telecommunications

Source: 2020 Journal Citation Reports, (Clarivate Analytics, 2021)

Conferences

Conference on Software Engineering Education and Training
Euromicro Conference on Software Engineering and Advanced Applications
IEEE International Conference on Software Engineering
IEEE International Workshop on Software Evolvability
International Conference on Software Engineering Advances
International Conference on Software Engineering, Artificial Intelligence,
Networking, and Parallel & Distributed Computing
International Conference on Software Testing, Verification, and Validation
NASA/IEEE Software Engineering Workshop

Standards

1044 IEEE Standard Classification for Software Anomalies 24765-2010 Systems and Software Engineering—Vocabulary

15289 Systems and Software Engineering—Content of Life-Cycle

Information Products (Documentation)

26514 IEEE Standard for Adoption of ISO/IEC 26514: 2008 Systems

and Software Engineering—Requirements for Designers and

Developers of User Documentation

829-2008 IEEE Standard for Software Test Documentation

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

Learn which IEEE subscription option is right for your organization. Visit www.ieee.org/innovate

