



# Medical Device Organizations Innovate with IEEE Information

## IEEE Information Drives Medical Device Patents

Recent studies show that IEEE scientific and technical articles are **cited more than six times** as often as articles from any other publisher.\*

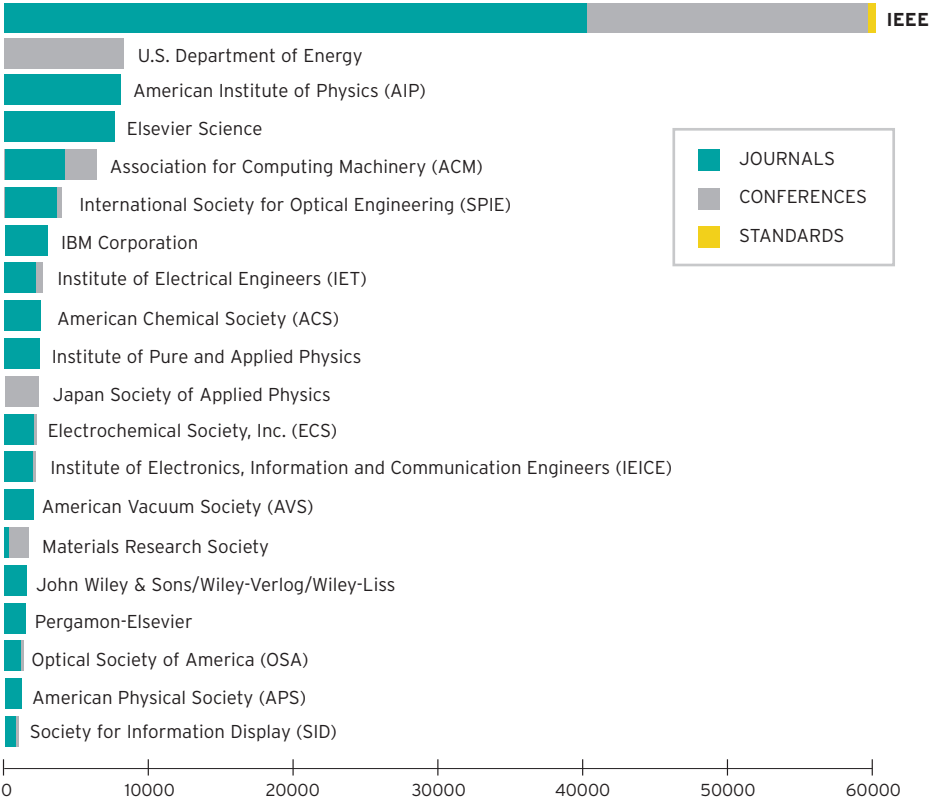
**2 of the top 6** medical device companies subscribe to an IEEE online product

Source: 2006 Fortune 1,000 Rankings

**2 of the top 3** R&D-spending companies in medical devices subscribe to an IEEE online product

Source: 2006 Financial Times

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



\* Source: 1790 Analytics, LLC. Copyright 2005. Publishers compiled from all journals referenced 100+ times from organizations in 2004 US Patent Office Filings.

*New patents cite IEEE-published science more often than any other scholarly or commercial publisher. Patent references to IEEE papers have increased 267 percent in the last decade.*





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## IEEE Publishes Key IEEE Titles for Medical Devices\*\*

IEEE publishes *IEEE Transactions in Medical Imaging*, the **#1 most highly cited journal in imaging science** and the #3 most-cited in Biomedical Engineering.

Other key IEEE titles in the biomedical field include:

- *IEEE Signal Processing Magazine*
- *IEEE Transactions on Nanotechnology*
- *IEEE Transactions on Neural Networks*
- *IEEE Transactions on Pattern Analysis*
- *IEEE Instrumentation & Measurement Magazine*
- *IEEE Transactions on Electromagnetic Compatibility*
- *IEEE Engineering in Medicine & Biology Magazine*
- *IEEE Transactions on Information Technology in Biomedicine*
- *IEEE Transactions on Neural Systems and Rehabilitation Engineering*
- *IEEE Transactions on Biomedical Engineering*
- and many others

\*\*Source: 2005 Journal Citation Report, Thomson ISI, published June 2006

## IEEE Content for Medical Devices

Today's medical devices rely on the latest developments in signal processing, imaging, robotics, sensors, and other quickly developing technologies.

This makes **IEEE content crucial to the medical device industry**. The IEEE Xplore digital library contains a wealth of articles in these key technologies:

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