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Research Trends Editorial Board

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The value of bibliometric measures



Is e-publishing affecting science?

Recent research indicates that e-publishing is influencing citation patterns and reader behavior, but disagrees on the effects. Are researchers taking full advantage of the wider choice in reading materials or are they searching so specifically that they are missing the reading they might previously have found along the way?

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Research trends



Women in science – perception and reality

There is anecdotal and research-based evidence to suggest that women scientists are held back by family commitments and implicit gender bias. While recent literature suggests that these obstacles are beginning to disappear, there is still a long way to go before we reach gender balance in science. Research Trends reviews the changing landscape.

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Country trends



THE rankings – a country view

The 2008 Times Higher Education (THE) rankings have just been released, revealing much movement in the rankings of the world's top 200 universities. We analyze these results at the national level.

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Expert opinion



Using data to drive performance

The modern world is global and competitive, and academia is not immune to this. As research institutes chase dwindling funding sources and manage international collaborations, they are realizing that they need robust business intelligence data. We speak to research strategy expert Daniel Calto.

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Why did you cite...?



...a Nobel Laureate?

Researchers cite particular papers for many reasons; many citations are simply a way of indicating studies that are relevant to current research, but they can also be a means of showing respect. We ask three researchers who have cited a Nobel Laureate about the motivation behind the citation.

Welcome to the ninth edition of Research Trends. In this issue, we bring bibliometric analysis to bear on two perennial issues in science: institutional rankings and the status of women in research. We analyze the results of the Times Higher Education (THE) World University Rankings from a country perspective to discover how national policy and institutional strategy can affect ranking. We also review recent citation-based research that suggests the gender gap between male and female scientists may be closing.

Meanwhile, online publishing has been both blamed for narrowing science and applauded for broadening it, but which is right? We review studies into both reader behavior and citation patterns and learn that the case is far from closed.

Plus, we find out how grants data has been used to drive improvements in research revenue at Columbia University in New York.

If you would like to comment on any of the topics covered, please use our [feedback](#) facility.

Kind regards,

The Research Trends Editorial Board

DID YOU KNOW?

...how often the 2008 Nobel Laureates for Chemistry and Medicine have been cited?

The 2008 Nobel Laureate in Chemistry, Roger Tsien, received 3,620 citations in 2007. From 1996 to date, his work has been cited a remarkable 38,989 times. His *h*-index is 67, indicating that 67 of his papers have been cited 67 times or more. He was awarded the Nobel Prize for his discovery and development of green fluorescent protein with two other chemists: Martin Chalfie (571 citations in 2007; *h*-index of 18) and Osamu Shimomura (50 citations in 2007; *h*-index of 4).

The Nobel Laureate in Medicine, Harald zur Hausen, was awarded the Nobel Prize for discovering the human papilloma virus that causes cervical cancer. He received 888 citations in 2007, has been cited 9,352 times since 1996 and his *h*-index is 22. He shares the Award with Façoise Barre-Sinoussi (436 citations in 2007; *h*-index of 35) and Luc Montagnier (240 citations in 2007; *h*-index of 18).