

Christoph J. Brabec ranked among the Top 100 material scientists by a recent Science Watch analysis from Thomson Reuters

The Top 100 Material Scientists of this decade (2000 - 2010) were recently published in a Science Watch analysis by Thomson Reuters. Christoph J. Brabec is ranked as number 12 among the world wide leading material scientists.

The rankings were compiled by first creating a list of material scientists who published 25 or more papers in prestigious scientific journals from 2000–2010, and then ranking them by the average number of times each author's papers were cited by other scientific papers.

For example, Brabec, the current head of i-MEET and the scientific director of the ZAE Bavaria in Erlangen, published 43 papers in these selected magazines and was cited 4242 times, for an average of 99 citations per paper.

A considerable number of researchers among the Top 100 material scientists are from the field of organic and hybrid photovoltaics. Hummelen, Heeger, McGehee, Sariciftci and Scherf, who Brabec worked and still is working with, were ranked #7, #8, #11, #14 and #26.

Citation analysis is a technique that allows an entire scientific community to “vote” on important research by how often the research is mentioned in the papers of fellow scientists. This list appears to be heavily weighted towards organic electronics and nanotechnology, a field that some researchers consider to be in a current hype. However, a similar evaluation for the top 100 chemists showed a comparable trend, making nanoscience and organic electronics to one of the leading material topics in material science nowadays.

<http://www.sciencewatch.com/dr/sci/misc/Top100MatSci2000-10/>