Scopus offers researchers an extensive global and interdisciplinary research database of abstracts and citations from over 5,000 international publishers, patent records from 5 major patent offices, and over 400,000 conference papers from 6,000 conference events.

The combination of integrated content breadth and smart tools to track, analyze and visualize research ensures that researchers can feel confident they are not missing vital research or commercial applications impacting today’s decisions and tomorrow’s products.

What can Scopus do for you?

- Current Surfaces & Coatings Research Overview (2013-15)
- Identify Top Global Authors / Key Opinion Leaders
- Identify Top Universities and Government Agencies / Partners
- Get Attention for Your Work & See Who is Building On What You Do
- Track and Create Impact in the Market
- Build Your Knowledge

Scopus contains over 575,034 peer-reviewed articles on surfaces and coatings, with over 91% of this research volume occurring within the past 40 years. Since 1985, the United States has been the global leader in surfaces and coatings research with over 18% share of published research, followed by China (13.5%) and Japan (10.5%). When tracking publication growth over this period, research growth accelerated significantly in the late nineties, driven by significant rise in research coming from China.

![Figure 1: Surfaces and Coatings Research, 1985-2015](image)

Since 2013, China (25.4%) has overtaken the United States (14.5%) in global share of surfaces and coatings research. Germany (7.3%), Japan (6.7%), and India (5.8%) round out the top five in research leadership in the last few years. With both global breadth and historic depth, Scopus helps users to easily build a comprehensive overview of the research landscape.

![Figure 2: Top Five Countries in Surfaces and Coatings Research, 2013-15](image)
Current Surfaces & Coatings Research Overview (2013-15)

Pinpoint the People That Matter: Identify partners and key influencers within a research field that offer potential collaboration opportunities based on publication output and impact. Universities in China and France are leading the way producing the next generation of researchers in surfaces and coatings. Scopus gives you quick and comprehensive insights into major research players.

Top Global Authors: Key Opinion Leaders

![Bar chart showing top global authors](Figure 3: Global Top Ten Authors, 2013-15)

Top Universities and Government Agencies: Partners

![Bar chart showing top affiliations](Figure 4: Global Top Ten Affiliations, 2013-15)
Get Attention for Your Work & See Who is Building On What You Do:

Figure 5: Global Top Ten Sources by Citations Received, 2013-15

Track and Create Impact in the Market:

Figure 6: Global Top Ten Journals by Impact (IPP), 2013-15
Methodology:

This report is based on Scopus serial journal publications as well as conference proceedings in sources classified in the Surfaces, Coatings and Films subject category, based on Scopus All Science Journal Classification (ASJC). This report reviews trends in surfaces and coatings research articles.

This report aims to identify leading authors and research groups as well as sources in this growing field.

Build Your Knowledge (Reading List):

Make sure your R&D teams are reading and publishing in the best journals. The Chemical Communications, Journal of Physical Chemistry B, and Journal of Physical Chemistry C have received the highest numbers of cumulative citations. In addition Chemical Communications, Journal of Physical Chemistry C and Sensors & Actuators, B: Chemical have the highest three-year impact in the field.
“Scopus helps me to quickly build a basis to make a decision on next steps and prepare us for more extensive literature searches as we go through the process and approach submission to regulatory authorities and a complete launch... It quickly delivers the basics that we need to understand things.”

James, Research Pathologist, Medical Device R&D, Scopus user

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