Elsevier: ceaselessly assuring quality

dr inż. Katarzyna Gaca
Customer Consultant for Central-Eastern Europe
Can you guess...?

- How many castles does Czechia have?
- Who was Otto Wichterle and what is he famous for?
- What happened in 1348?
- How many airports there are in Czechia?

...and can you guess what Elsevier does?
Who We Are

A global information analytics business specializing in science and health.

Why We Do It

We help you solve your challenges, for the benefit of humanity.

What We Do

We help institutions and professionals progress science, advance healthcare and improve performance.

A Unique Combination

Combine content with technology, supported by operational efficiency, to turn information into actionable knowledge.
Scopus

Scopus is the **largest abstract and citation database** of peer-reviewed research literature from **around the world**.

- Database w/ **best regional and global coverage**
- ...while still ensuring very **high quality content**

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**Over 70 million documents** and **39 million patents** from 5 patent offices worldwide

**Over 22,500 journals** from more than **5,000 international publishers**.

**Titles from 105 different countries** in all geographical regions, **40 languages** covered

**All content is vigorously vetted** by an independent, 15-person, international board of experts called the Content Selection and Advisory Board (CSAB)
Coverage of high quality journals via selection by the independent Content Selection & Advisory Board (CSAB)

The CSAB is an independent board of subject experts from all over the world. Board members are chosen for their expertise in specific subject areas; many have (journal) Editor experience.
Unbiased, comprehensive journal coverage with titles from many reputable scholarly publishers

Source: May 2016 title list at https://www.elsevier.com/solutions/scopus/content
Re-evaluation: The Radar

<table>
<thead>
<tr>
<th>Metric</th>
<th>Benchmark</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journal self-citation rate</td>
<td>≥200%</td>
<td>The journal has a self-citation rate two times higher, or more, when compared to peer journals in its subject field.</td>
</tr>
<tr>
<td>Total citation rate</td>
<td>≤50%</td>
<td>The journal received half the number of citations, or less, when compared to peer journals in its subject field.</td>
</tr>
<tr>
<td>CiteScore</td>
<td>≤50%</td>
<td>The journal has a CiteScore half or less than the average CiteScore, when compared to peer journals in its subject field.</td>
</tr>
<tr>
<td>Number of articles</td>
<td>≤50%</td>
<td>The journal produced half, or less, the number of articles, when compared to peer journals in its subject field.</td>
</tr>
<tr>
<td>Number of full-text clicks on Scopus.com</td>
<td>≤50%</td>
<td>The journal's abstract are used half as much, or less, when compared to peer journals in its subject field.</td>
</tr>
<tr>
<td>Abstract usage on Scopus.com</td>
<td>≤50%</td>
<td>The journal's full text are used half as much, or less, when compared to peer journals in its subject field.</td>
</tr>
</tbody>
</table>
Leading research institutes and research organizations use Scopus and Scopus data

Trend:

- The most influential ranking bodies (THE, QS), as well as the most prestigious national research assessments worldwide (REF and ERA) chose Scopus as their sole citation data provider

- Scopus has become the authoritative database of choice for them
In the age of optimism…

“The returns [of Science] are so large that it is hardly necessary to justify or evaluate the investment”

National Science Foundation, USA, “Basic Research: A National Resource”, 1957
In the age of realism: SciVal

SciVal offers quick, easy access to the research performance of 220 nations and 8,500 research institutions worldwide, and groups of institutions.

- Visualize research performance
- Benchmark your progress
- Develop collaborative partnerships
- Analyze research trends

Ready-made-at a glance snapshots of any selected entity
Flexibility to create and compare any research groups
Identify and analyze existing and potential collaboration opportunities
Analyze research trends to discover the top performers and rising stars
In the age of realism: SciVal

Scholarly Output: 108,416
Authors: 63,197
Field-Weighted Citation Impact: 1.08

- Computer Science: 7.4%
- Mathematics: 5.3%
- Physics and Astronomy: 9.1%
- Chemistry: 5.6%
- Chemical Engineering: 2.3%
- Materials Science: 7.2%
- Engineering: 12.4%
- Earth and Planetary Sciences: 3.1%
- Environmental Science: 3.5%
- Agricultural and Biological Sciences: 7.5%
- Biochemistry, Genetics and Molecular Biology: 7.2%
- Social Sciences: 3.5%
- Other: 12.8%

Publications in Top Journal Percentiles
Publications in top 10% journals by CiteScore Percentile
Czech Republic: 21.2%

International Collaboration
Publications co-authored with Institutions in other countries
Czech Republic: 38.6%
**New in SciVal: Topic Prominence in Science**

- **Topics**: collections of documents with a **common** focused **intellectual interest**. Documents within a Topic cite and are cited by other documents in the Topic.
- **100k topics** basing on 70 million documents in Scopus – **over 95% of coverage** of global output
- Topics allow a **complete portfolio analysis** to reveal the Topics in which your institution is currently active in, and which Topics have **high momentum**, therefore more **likely to be well-funded**.
- Topics are ranked by **Prominence**, an indicator of the **momentum** of a particular field.
How does Elsevier support Czechia?

- Free trial access to SciVal – ask me
- Scopus pre-evaluation service
- Trainings – on-site and on-line
- Providing assistance and consultations

https://www.facebook.com/ElsevierCzechia/
Děkuji za pozornost!

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