台灣 & 國際學術舞台的互動呈現

Understanding and Exploring Research Excellence

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**Library's Mission & Tasks**

- Help students and staff to easily obtain the resources they need.
- Help students and staff gain access to resources with higher efficiency.
- Elevate the library's use efficiency to the highest level.
- Assist the school in providing necessary assistance in performance appraisal.

**New Tasks and Challenges**

- **Trend Intensified by Economic Downturn**
  - Workflow Inefficiencies
  - Funding Pressures
  - Government Policies
  - Global Competition
  - Research into faculty behavior and work practices is sorely needed to inform policy and service development.

**Scopus**

- Researchers spend significant amounts of time searching and browsing.
- Scopus makes each search more efficient, saving time.
- Researchers can be more productive.

Scopus currently indexes over 18,000 peer-reviewed journals.

"Scopus is helping me being more targeted and is just saving me a lot of time, I can do the things in the time I used to do so."

"The coverage provided by Scopus is balanced in terms of subject areas when compared with Ulrich's coverage."

- De Meis (Scientometric 2007)
研究人員的研究流程分析

Scopus所提供的資料類型更是豐富

<table>
<thead>
<tr>
<th>Broader Content Type</th>
<th>Number of Titles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>15,000</td>
</tr>
<tr>
<td>Conference Proceedings</td>
<td>16,300</td>
</tr>
<tr>
<td>Trade Journals</td>
<td>17,000</td>
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<tr>
<td>Peer Reviewed Journals</td>
<td>15,000</td>
</tr>
<tr>
<td>Broader Abstracts</td>
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</tr>
<tr>
<td>Scopus</td>
<td>23.0%</td>
</tr>
<tr>
<td>Nearest Competitor</td>
<td>0%</td>
</tr>
</tbody>
</table>

In addition, Scopus offers
- 3 Million conference papers (10% of Scopus records)
- 385 Million Quality Websites via Scirus
- 22 Million Patents
- 1,200 Open Access journals
- 70% of all Scopus records have an abstract
- Abstract going back to 1891

Scopus 提供更多區域性的資料，讓研究人員能夠有更全面的觀瞻

- 最少10%的試點數據
- Scopus Nearest Competitor

work flow inefficiencies

In terms of content first and foremost, ( . . . ) there is little about Scopus that does not represent the very best that the industry has to offer.

– Goldman / Connolly (Library Journal 2007)

沈谷目前約有60本期刊為 Scopus 資料庫所收錄；其中37本只有 Scopus 資料庫有收錄

Global Competition

FUNDING PRESSURES

Scopus可以幫助研究人員找到適當的夥伴

WORKFLOW INEFFICIENCIES

在全球競爭中，基金壓力日增，研究人員需要找出適當的國際研究夥伴，以確保研究的品質和影響力。
Today the dominant position of the United States in the international research and education community is being challenged as never before.

-American Academy of Arts and Sciences

了解國際學術競爭力的變化

Countries ranked by output growth 1997-2007

文章產出分析：以奈米科技相關研究主題為例 (Nanotech)

Bioinformatics: Recent Citations

Regional (Japan, China, India, Korea, Australia, Taiwan)

Drill Down to Taiwan

• 閱讀者的角色對於將來學校更加追求有效化的資源配置將會越來越重要

• 對於學術成果評估的工具也將會有更多元化的需求，尤其是必須可以了解自我學術強項的部分

結論
Thank you