

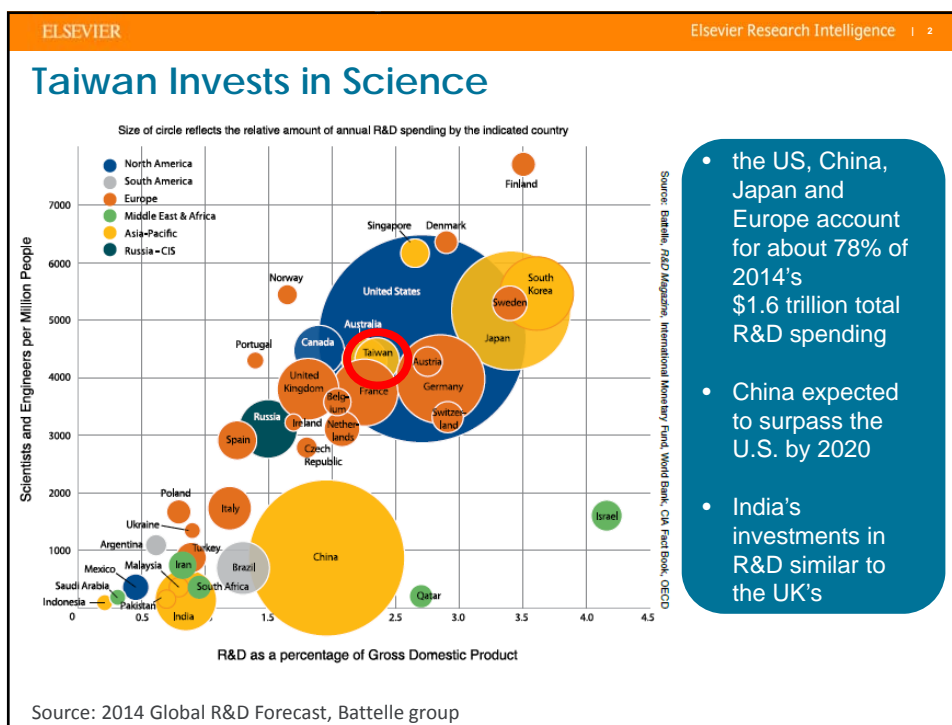


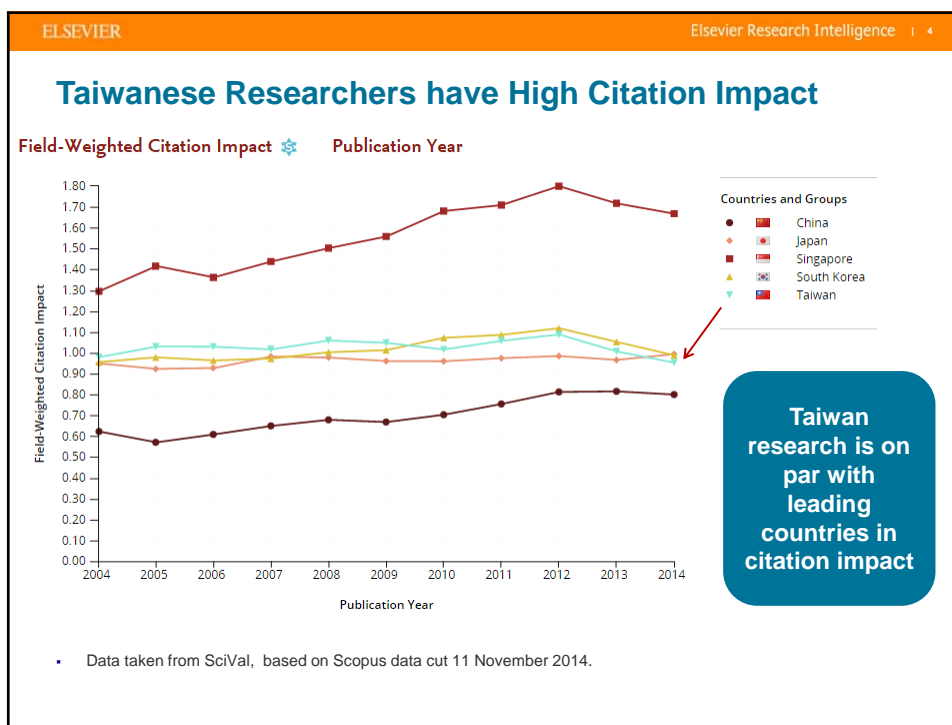
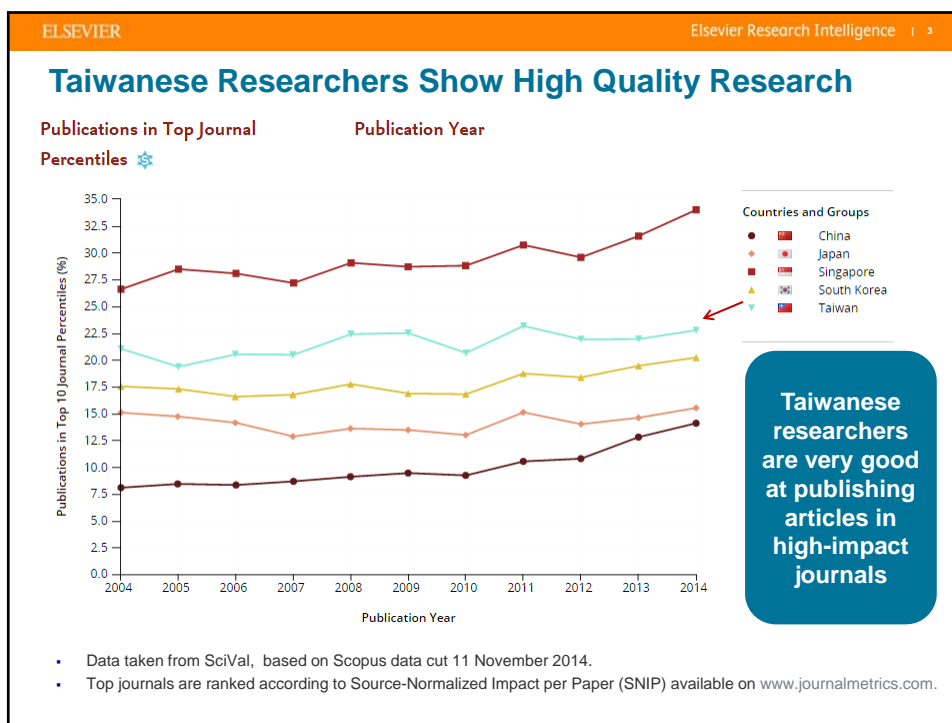
Leading The Way 

## Supporting Research Excellence in Taiwan

**Gino Ussi**  
*Executive Vice President,  
Research Solution Sales,  
Elsevier*

Building World Class Universities  
Taiwan, April 15, 2015





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# Research

**“An Increasingly Complex Business”**


- Hypercompetitive, Interdisciplinary, Globalized
- Increasing Institutional Expectations
- Multiple Points of Failure (known and unknown)
- Regulated and Scrutinized (compliance)
- Increasing Reporting and Accountability
- Management / Leadership Challenges
- Growing Levels of Frustration
- No Easy Solutions

Source: <http://www.researchuniversitiesfutures.org/>



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## Key Insight to drive Performance – Business or Academia!



Measure what is measurable, and make  
measurable what is not so.


(Galileo Galilei)

izquotes.com

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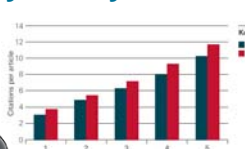
## Elsevier's Values - Four Corners of Scholarly Ecosystem

ScienceDirect



Content

Communication




Analytics

Decision-making

MENDELEY


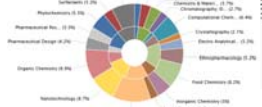

Elsevier Research Intelligence

Pure SciVal



Knovel

QUOSA

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*Starting in 2015, Times Higher Education will use data and metrics from Elsevier's Scopus and SciVal for World University Ranking and all subsequent rankings*

# THE WORLD UNIVERSITY RANKINGS

Times Higher Education

81% of the top 100 universities\* subscribe to Scopus



Asia University Rankings

100 Under 50

World Reputation Rankings

BRICS & Emerging Economies



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***QS was the first to use Scopus for their rankings. It has been using Scopus for the bibliometric indicators since 2007***

The QS World University Rankings logo is displayed, featuring a lion's head on the right and the text 'QS WORLD UNIVERSITY RANKINGS' on the left. The logo is set against a dark background.

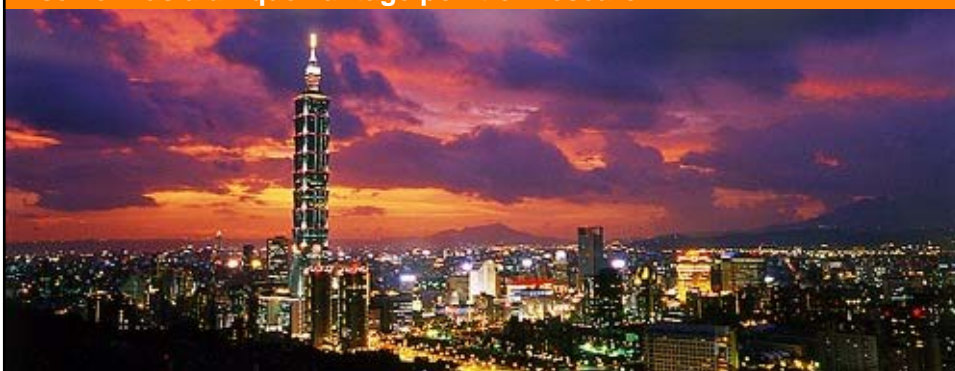
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*As of 2014 US News is using Scopus data for their Best Arab Universities Ranking.*



Powered by **Scopus**  
Part of Elsevier Research Intelligence

**Elsevier has a unique vantage point on research**



Each year

- 1 million article manuscripts received by ~2,000 journals (all offer Open Access options)
- 350,000 new articles published, in addition to 11M existing articles
- 2,000 new books published

Primary publishing

- ScienceDirect: 750M digital article downloads
- Scopus: 56M records, 22,000 titles, 5,000 publishers, 700M citations
- SciVal: 75 trillion metrics values
- Pure: current research information system: >200,000 researchers supported
- Mendeley: 3M users globally
- Grants: 7,000 sponsors, 20,000+ active opportunities, ~5M awarded grants
- Patents: >93m records, 100 patent offices
- Compounds: 22M compounds, 35M reactions; 3.3M molecular facts
- Drug information: 16k branded drugs; 12k generic drugs

Derived and aggregated data



Elsevier is increasingly the partner of choice for global research leaders

Global University Rankings

- Times Higher World University Rankings
- QS rankings
- US News rankings (Arab Region)
- China University Rankings



National research assessment and benchmarking reports

- UK REF, UK BIS reports
- ERA (Australia)
- FCT (Portugal)
- VQR (Italy)



Initiatives and reports (select examples)

- UK Royal Society
- Science Europe
- European Commission, FENS, HBP, Kavli Foundation, RIKEN BSI
- World Bank
- EuroStemCell, Kyoto University
- Snowball Metrics



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## How important are rankings? Policy Makers



Global policy impact of rankings  
(European Universities Association 2013):

- Used in immigration policies (Netherlands, Denmark)
- Used in India to determine which overseas institutes Indian institutes can partner with
- Used in Brazil to determine distribution of 100 000 Brazilian overseas scholarships



Robert Bosch Stiftung

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How Universities can use rankings and performance metrics as evidence base for decisions is the topic of the rest of the seminar

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# Thank you



打造世界級學府、展現學術實力之  
世界大學排名座談會  
Building World-Class Universities: Strategies for  
Institutional Capacity Building

## Enjoy the Seminar!