

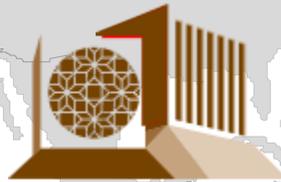


جامعة قطر  
QATAR UNIVERSITY

*Research systems and equitable access to knowledge*  
*The Case of Qatar*

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# INTRODUCTION



جامعة قطر  
QATAR UNIVERSITY

Qatar University (QU) is Qatar's Most prominent and sole national institution of higher education



QU is a beacon of academic and research excellence!



QU Provides the widest range of educational programs and degrees in Qatar

## LNG Suppliers

Qatar is the world's largest exporter of liquefied natural gas with nearly a third of the market share.

EXPORT VOLUME, IN MILLIONS OF METRIC TONS IN 2016		MARKET SHARE
<b>Qatar</b>	<b>77.2</b>	<b>30.0%</b>
Australia	44.3	17.2
Malaysia	25.0	9.7
Nigeria	18.6	7.2
Indonesia	16.6	6.4
Algeria	11.5	4.5
Russia	10.8	4.2
Trinidad	10.6	4.1
Oman	8.1	3.2
Papua New Guinea	7.4	2.9
Rest of the world	27.8	11.0

Source: International Gas Union

THE WALL STREET JOURNAL.



**FIFA WORLD CUP  
Qatar 2022**





The national vision aims to transform Qatar into an advanced country by 2030, capable of sustaining its own development and providing a high standard of living for its population and future generations.



مكتب الإتصال الحكومي

Government Communications Office

The state of Qatar aims to achieve this through the following four pillars.



### Human development

Development of all Qatar's people to enable them to sustain a prosperous society



### Social development

Development of a just and caring society based on high moral standards, and capable of playing a significant role in the global partnership for development



### Economic development

Development of a competitive and diversified economy capable of meeting the needs of, and securing a high standard of living, all its people both for the present.



### Environmental development

Management of the environment such that there is harmony between economic growth, social development and environmental protection

## Background about Qatar University

- QU is the National University of Qatar, and is the largest provider of higher education in the country with 10 colleges, 14 research centres, 86 undergraduate and postgraduate programs, and 20000+ students.
- Several of QU programs (UG or PG) are unique and are only offered in Qatar by QU. Majority of QU programs are internationally accredited.



## Goal 4 – Research Excellence

### Strategic Objectives

#### **4.1. R&D Impact:**

Enhance impact and support of research and innovation in certain fields that are in line with national research priorities as well as responding to current and future socio-economic needs of Qatar.

#### **4.3. R&D**

#### **Sustainability:**

Diversify and sustain funding resources for research projects at Qatar University.

#### **4.2. R&D Culture and Environment:**

Reinforce research culture and innovation in the QU community and provide a supportive research environment.

#### **4.4. Graduate Studies**

**Excellence:** Emphasize excellence in QU graduate programs in order to serve research priorities and to ensure the active participation of graduate researchers in enriching knowledge-based economy in Qatar.

# RESEARCH CENTERS



RESEARCH  
CENTERS

Animal Laboratory Research Center (LARC)

Biomedical Research Center (BRC)

Central Laboratories Unit (CLU)

Center for Advanced Materials (CAM)

Center for Entrepreneurship (CFE)

Center for Humanities and Social Sciences (CHSS)

Center for Energy and Sustainability Law (CESL)

Center for Sustainable Development (CSD)

Environmental Studies Center (ESC)

Gas Processing Center (GPC)

Gulf Studies Center (GSC)

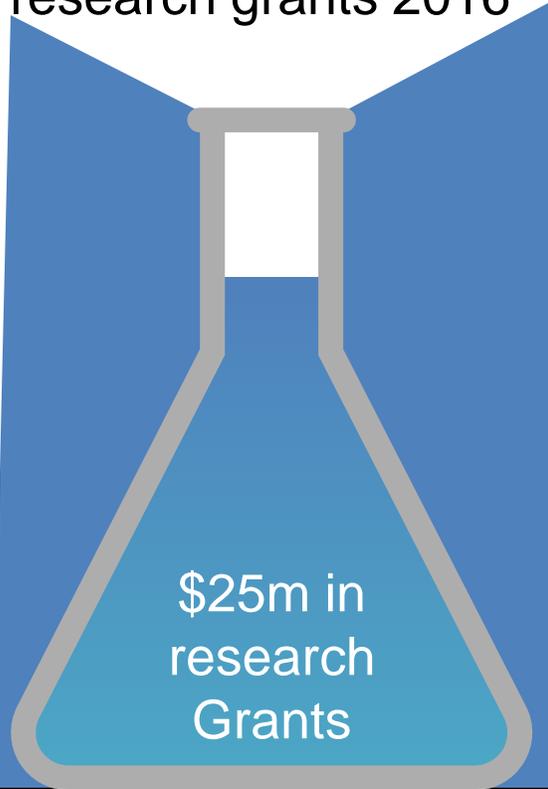
Knowledge Intelligence Networked Data and Interdisciplinary Research (KINDI)

Qatar Transportation and Traffic Safety Center (QTTSC)

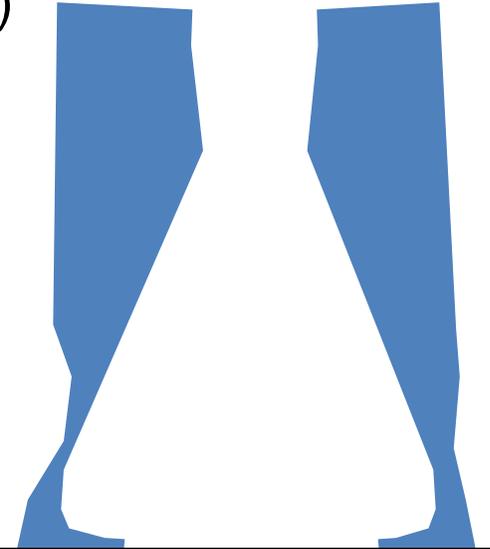
Social and Economic Survey Research Institute (SESRI)

# RESEARCH

More than USD\$25m  
won in competitive  
research grants 2016

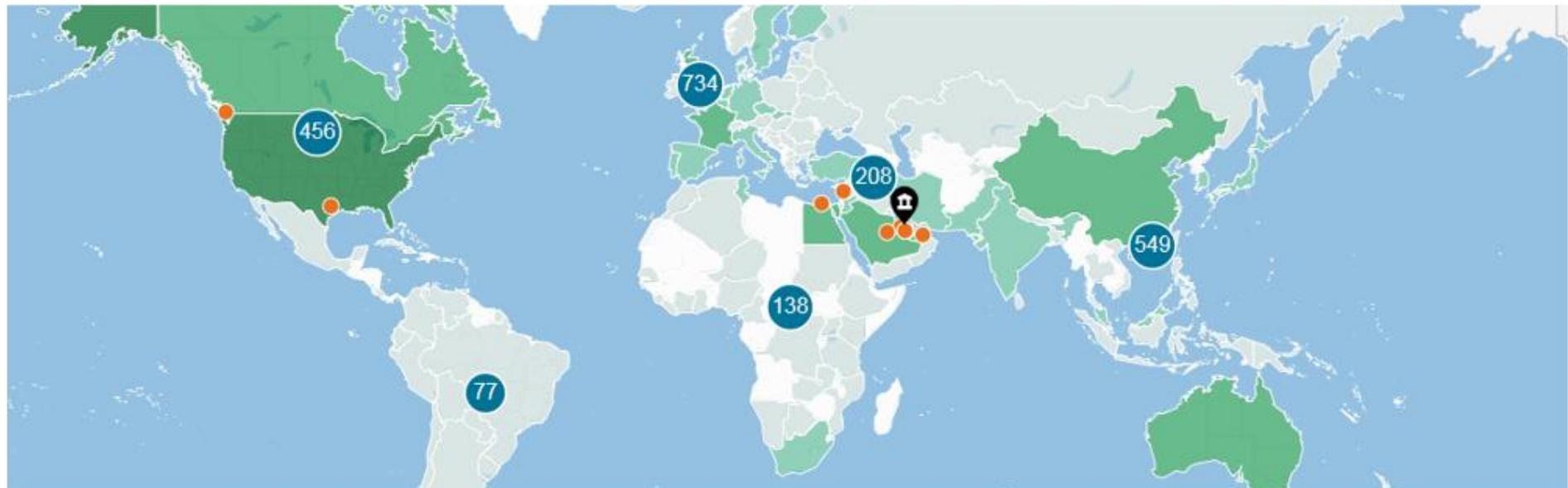


Continuous success  
in competitive  
research grants  
(NPRP and UREP  
cycles)



**2'162** Collaborating Institutions

**4'693** Co-authored Publications



Co-authored publications per country/region:

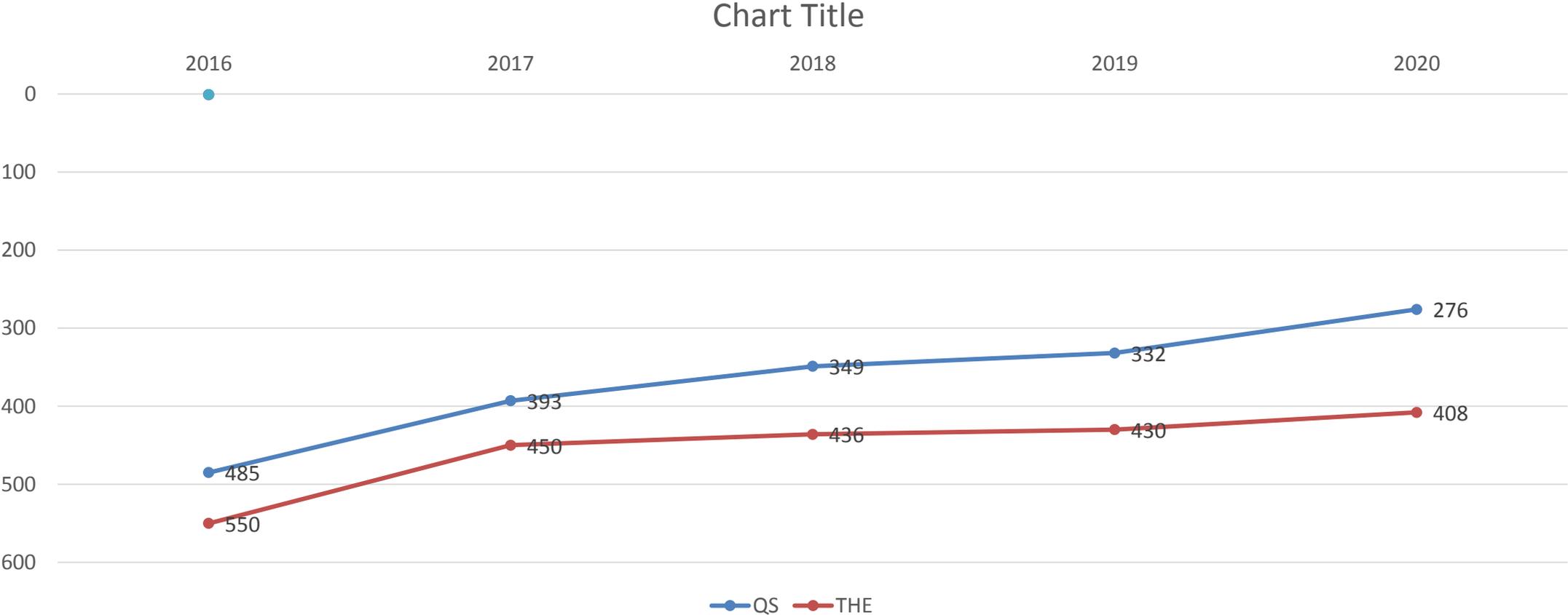


● Top 10 institutions worldwide by co-authored publications

# Funding Sources

- **QU Internal Grants**
- **Qatar National Research Fund (QNRF)**
- **Qatar Science and Technology Park (QSTP)**
- **Industrial Contracts (e.g., QP, ExxonMobil)**
- **Local Funds and Local Institutions (Hamad Medical Corporation Funds)**
- **International Funding Agencies:**
  - NIH, CIHR, NSERC, MRC, British Council, EU

# Ranking Evolution Overall (QS & THE)



- Qatar University Press established one year ago
- Placed open access at the heart of its mission.
- The Press seeks to support faculty, researchers, and students pursuing open access
- Open access research contributes to increasing the speed with which research is disseminated.
- This leads to greater impact and citation rates for faculty and researchers.
- Qatar University Press currently hosts six peer-reviewed journals, which are fully accessible online.
- We are equally working on plans to have open access programs for our books.
- We are also working on establishing our competitive platform on which we would display our books and journals, all in support of open access.

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## Open access

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Publish open access at no cost to you.

If you're affiliated with a [participating institution](#), the Qatar Read and Publish (Springer Compact) agreement means you can publish your article open access - at no cost to you - in more than **1,850 Springer hybrid journals**.

In addition, you can enjoy full access to all Springer subscription journal content. This agreement will run through 31 December 2021.

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[Guide for authors](#) (PDF download)

# Marrakesh Treaty:

Conceived in line with the **human rights** principles outlined in the Universal Declaration of Human Rights and the United Nations Convention on the Rights of Persons with Disabilities (UNCRPD), the Marrakesh Treaty is the first copyright treaty to include a clear human rights perspective. The **Marrakesh Treaty** demonstrates that copyright systems are an important part of the solution to the challenge of improving access to books and other printed works for persons with print disabilities.

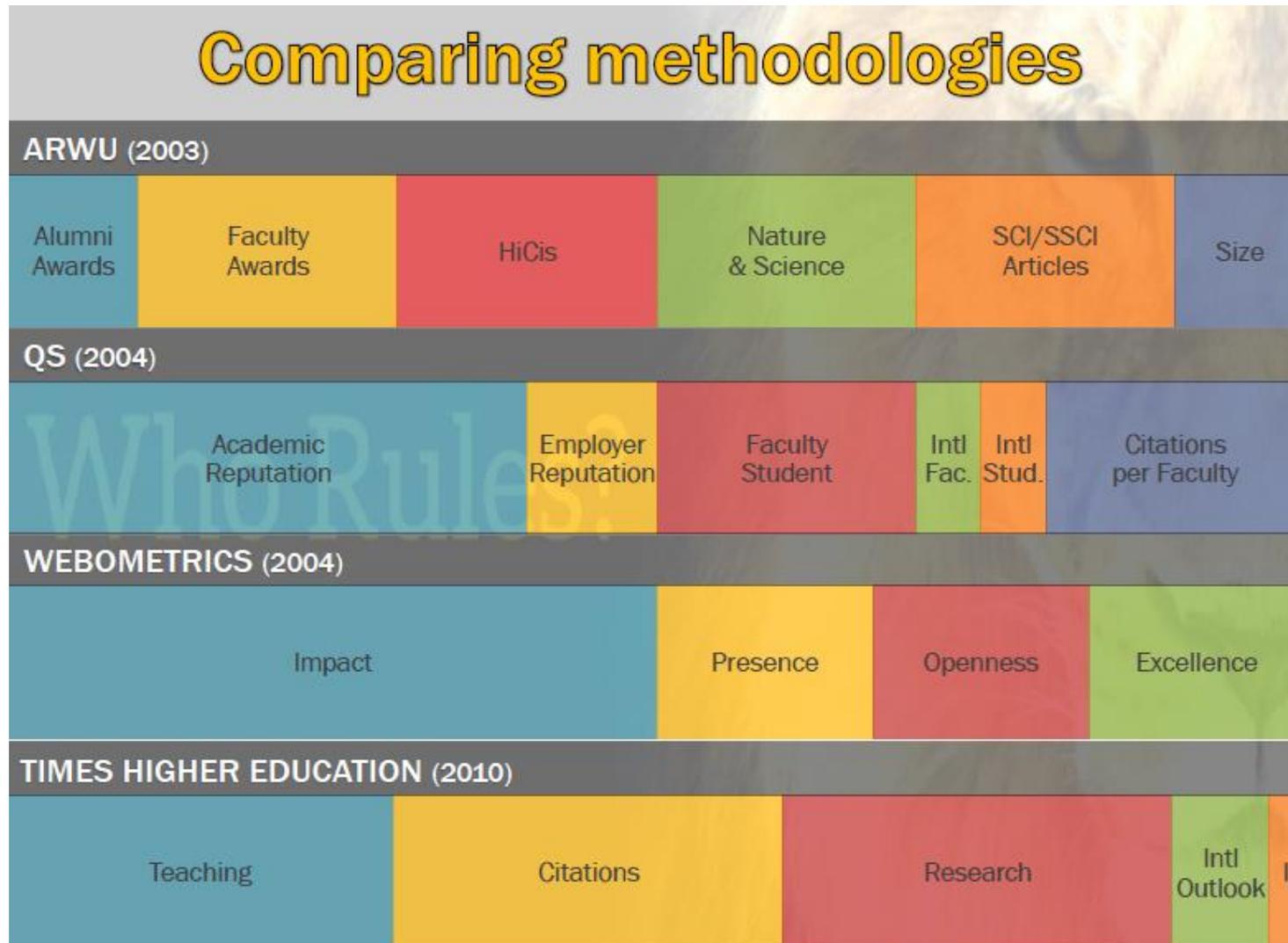
# Benefits of Open Access

- Increased usage, visibility and impact
- Ability to reach marginalized areas and communities
- Makes results of publicly funded research available to all through a free, unrestricted online access system
- Creates a global knowledge resource for the benefit of all
- Access to research for policy and decision makers

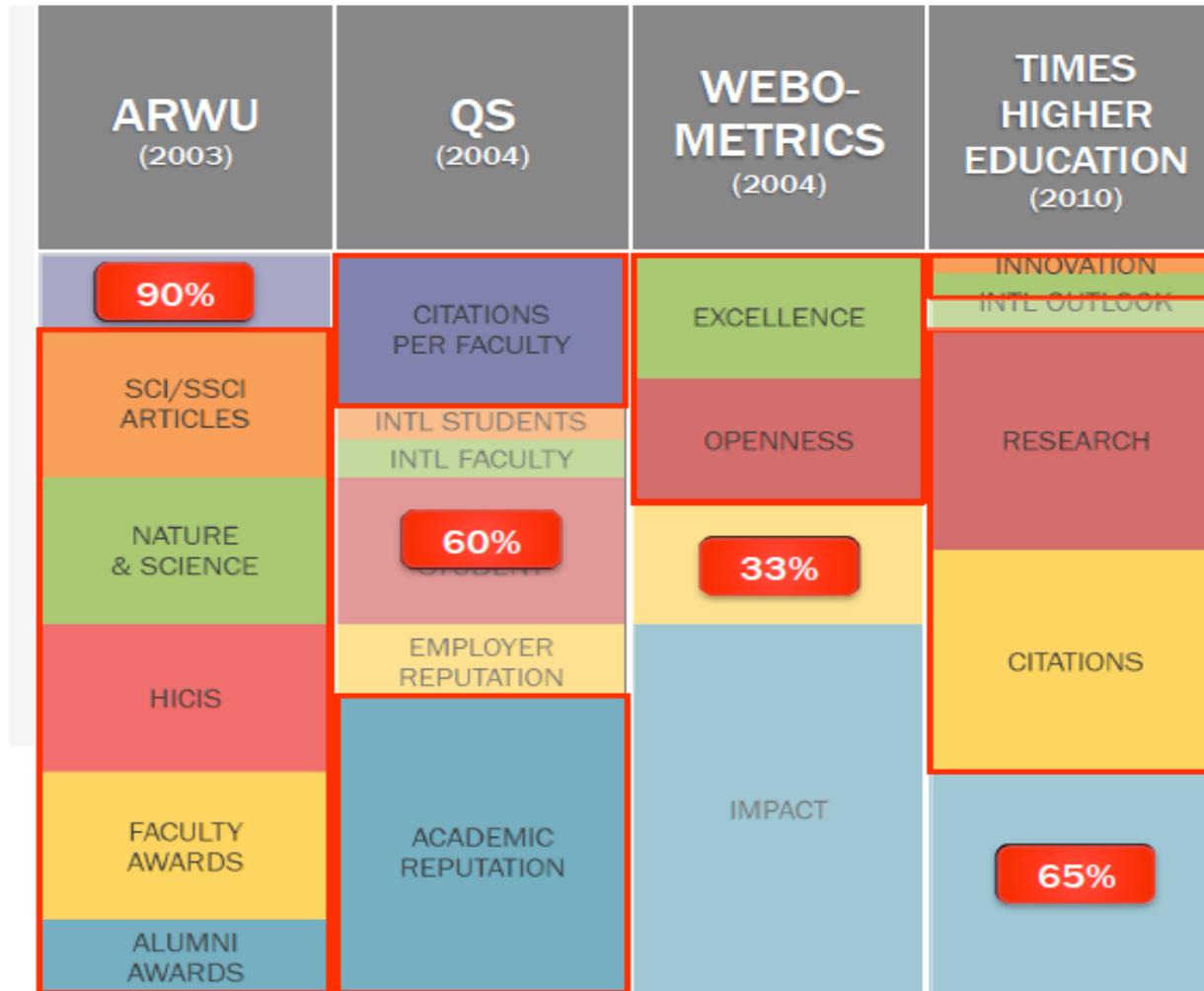
# Challenges to Open Access

- Financing
- Platform expenses
- Availability of scientific resources and ways of cooperation with global databases
- Harmony between the digital preservation of materials and paper preservation
- More institutional and international cooperation needed

# Comparing ranking methodologies



# Comparing ranking methodologies



# Comparing QS and THE methodologies

	QS	THE
BIBLIOMETRICS	20%	38.5%
TEACHING	30%	30%
EMPLOYABILITY	10%	0%
INTERNATIONAL	10%	7.5%
POPULARITY	50%	33%

# Open Access and University Rankings

- The logical conclusion is that the increased exposure and visibility afforded by open access leads to improved citation performance of open access journals.
- Accessibility on social media of these articles will probably affect citations and therefore rankings
- Latest row between library consortia in Germany, Sweden and California and Elsevier journals was relayed to the fact that research-intensive institutions and countries will pay a larger portion of publishing costs because they are the ones producing the most high-quality research.
- Institutions with no published output would pay nothing.
- Imagine the effect of that on rankings

- Open access science articles are read and cited more often than articles available only to subscribers, a study has suggested.
- Findings reveal that the estimated overall effect of open access is positive, with significant improvements to journals' citation metrics.
- Open access effect appears most significant for those journals ranked in Quartiles 2, 3, and 4
- Not significant on top ten per cent and Quartile 1 journals

QS uses citation per faculty and defines it as a measure of “institutional research quality” through a ratio of Citations per Faculty metric.

To calculate it, QS takes the “total number of citations received by all papers produced by an institution across a five-year period by the number of faculty members at that institution”. Citations are normalized to account for the fact that “different fields have very different publishing”.

Citations for *THE* is to “examine research influence by capturing the average number of times a university’s published work is cited by scholars globally”.

Again, here too, the data are normalized to reflect variations in citation volume between different subject areas.

As defined by ARWU, the HiCi is the “number of Highly Cited Researchers selected by Clarivate Analytics. The Highly Cited Researchers list issued in December 2018 (2018 HCR List as of December 6, 2018) was used for the calculation of HiCi indicator in ARWU 2019. Only the primary affiliations of Highly Cited Researchers are considered”.

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