



國立臺灣大學

# 學術成果概覽— 國立臺灣大學化學系

At a Glance – Academic Metrics Profile of  
Department of Chemistry, National Taiwan University

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臺大圖書館研究支援組

☎ 02-3366-2336

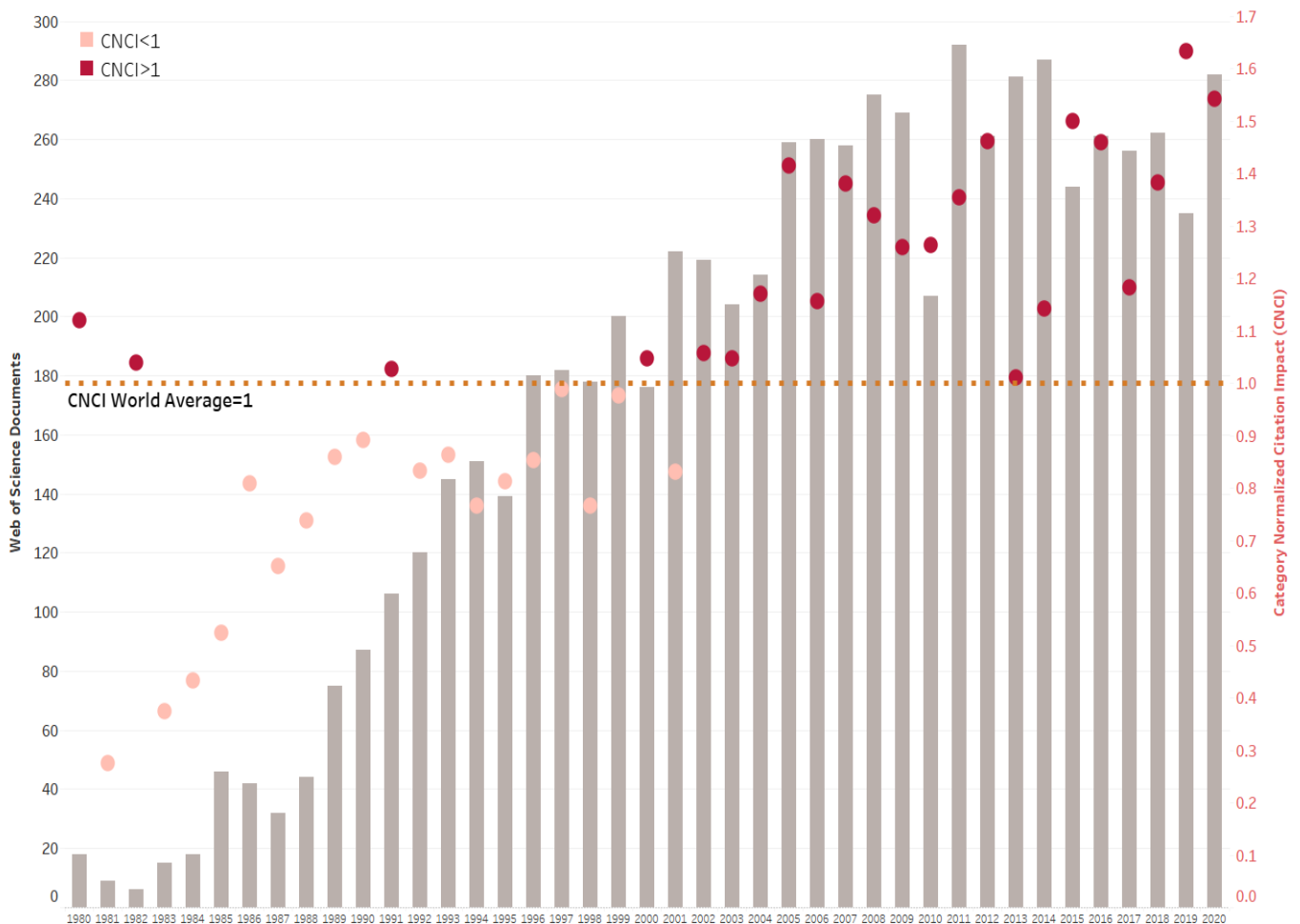
✉ [ntulibcn@ntu.edu.tw](mailto:ntulibcn@ntu.edu.tw)

NTUL-E-202201-0003

# 01

## RESEARCH PERFORMANCE

Quick glance for scholarly outputs in 1980-2020



# Web of Science Documents



Web of Science Documents

**7,028**



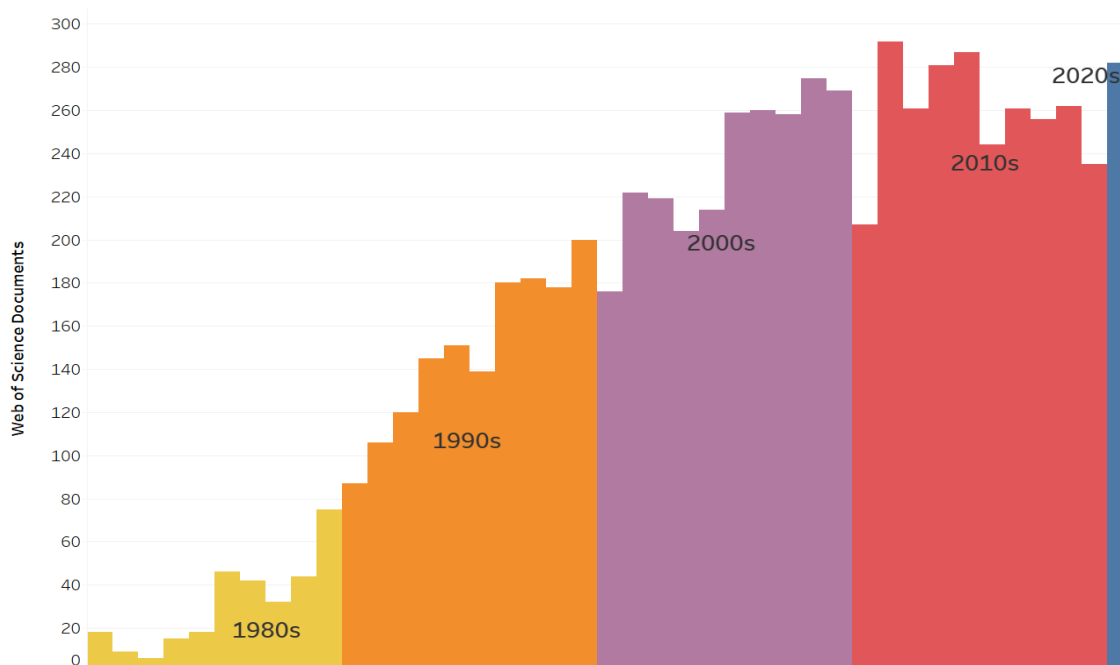
% Open Access Documents

**41%**



% First Author

**59%**



## DATASET

**Source** Web of Science Core Collection

InCites Benchmarking and Analytics

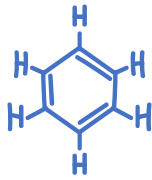
**Publication Year** 1980-2020

**Retrieved Date** 2022.01.26

**Search Strategy** AD\*=(NatI Taiwan Univ SAME (Chem NOT Chem Engn NOT Agr Chem))

\* Advanced search field tag AD=Address, searches for institution and/or place names in the Address field within a record.

# Citation Impact



Total Time Cited

**231,700**



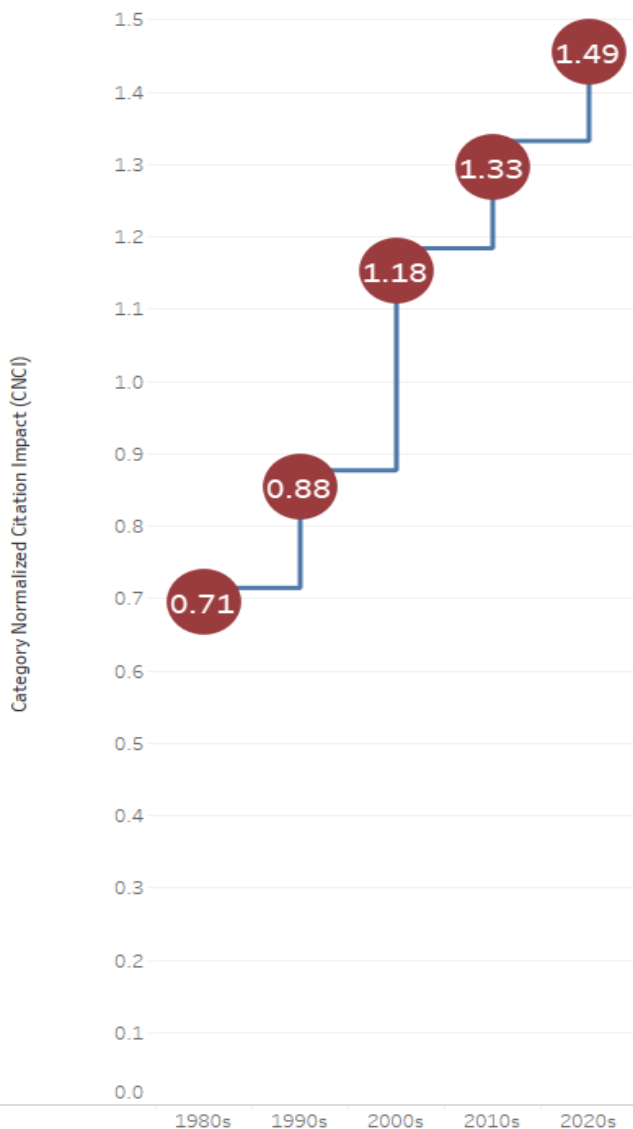
Category Normalized  
Citation Impact

**1.17**



H-index

**137**



## CNCI

The **Category Normalized Citation Impact** (CNCI) of a document is calculated by dividing the actual count of citing items by the expected citation rate for documents with the same document type, year of publication and subject area.

An CNCI value of 1 represents performance at par with world average, values above 1 are considered above average and values below 1 are considered below average.

# Publication Sources



Source Titles

**742**



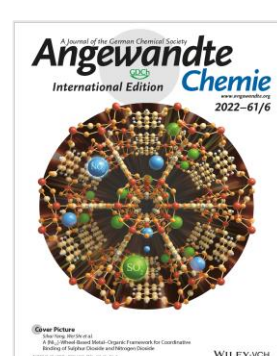
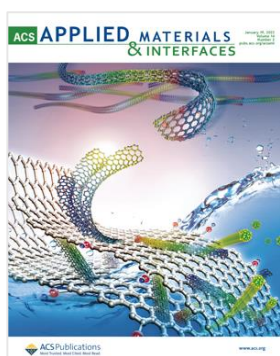
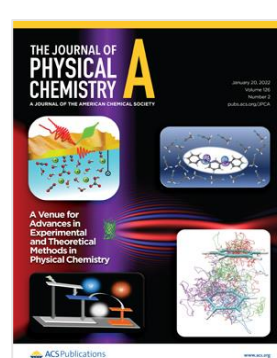
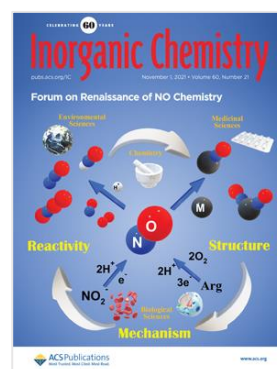
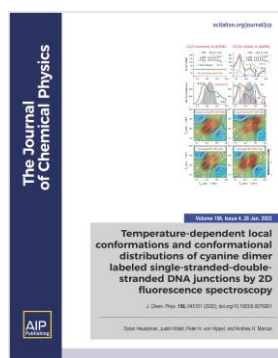
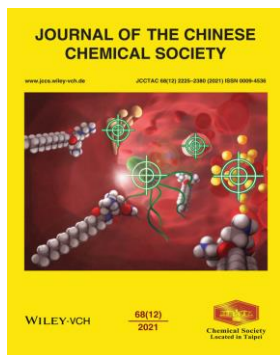
%Documents  
in Q1 Journals

**70%**



%Documents  
in Q2 Journals

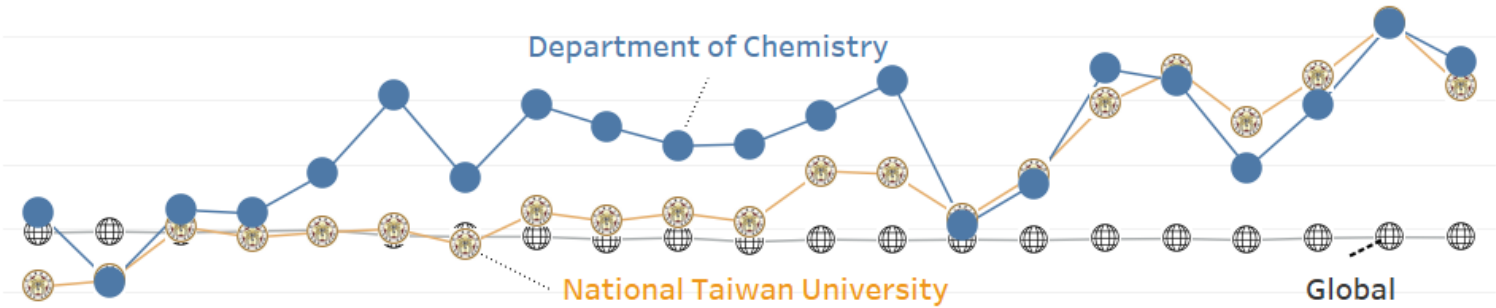
**20%**



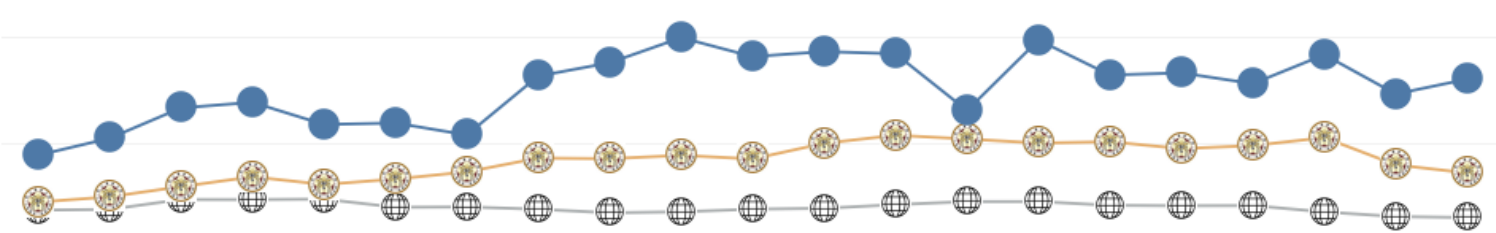
Top 12 Journals of Web of Science Documents in 1980-2020

# Benchmarking Analysis

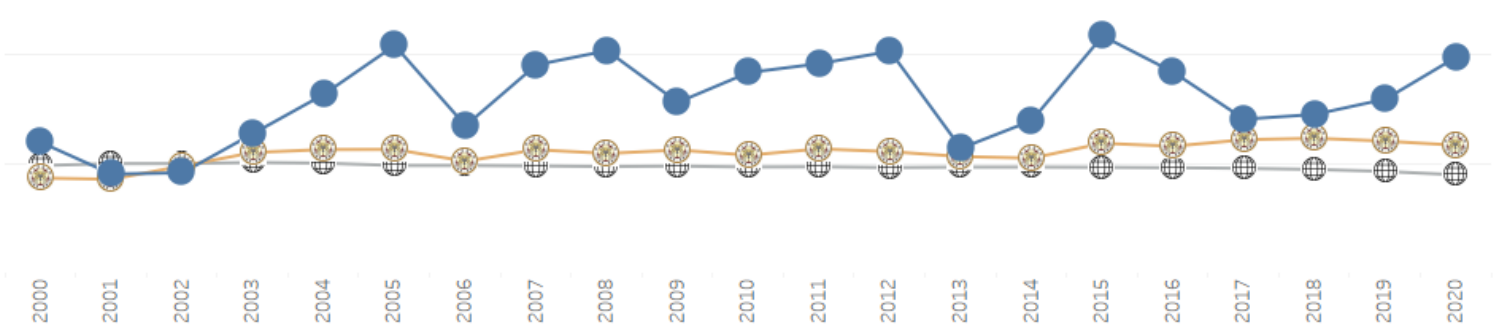
Category Normalized Citation Impact (CNCI)



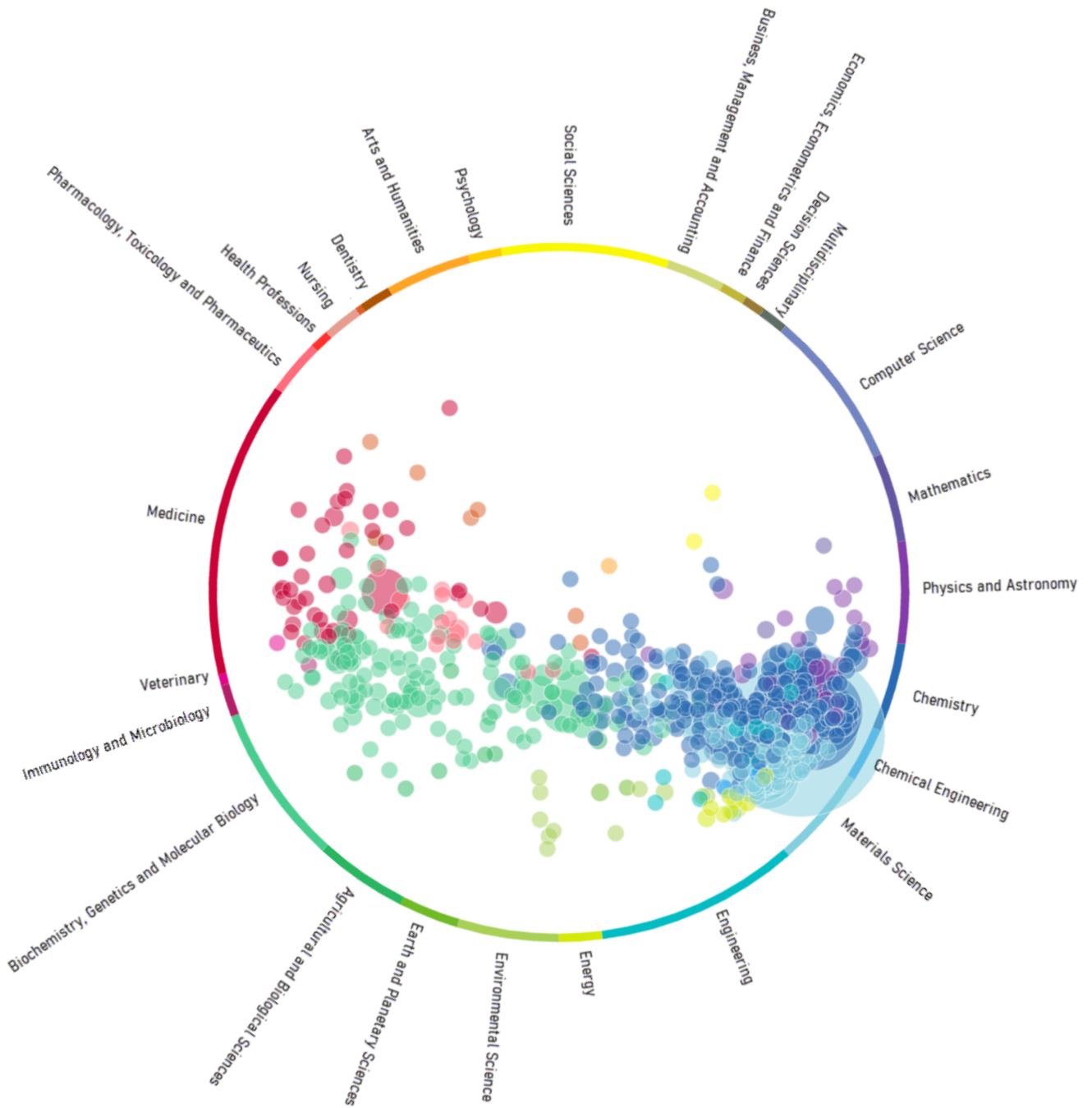
% Documents in Q1 Journals



% Documents in Top 10% Most-Cited



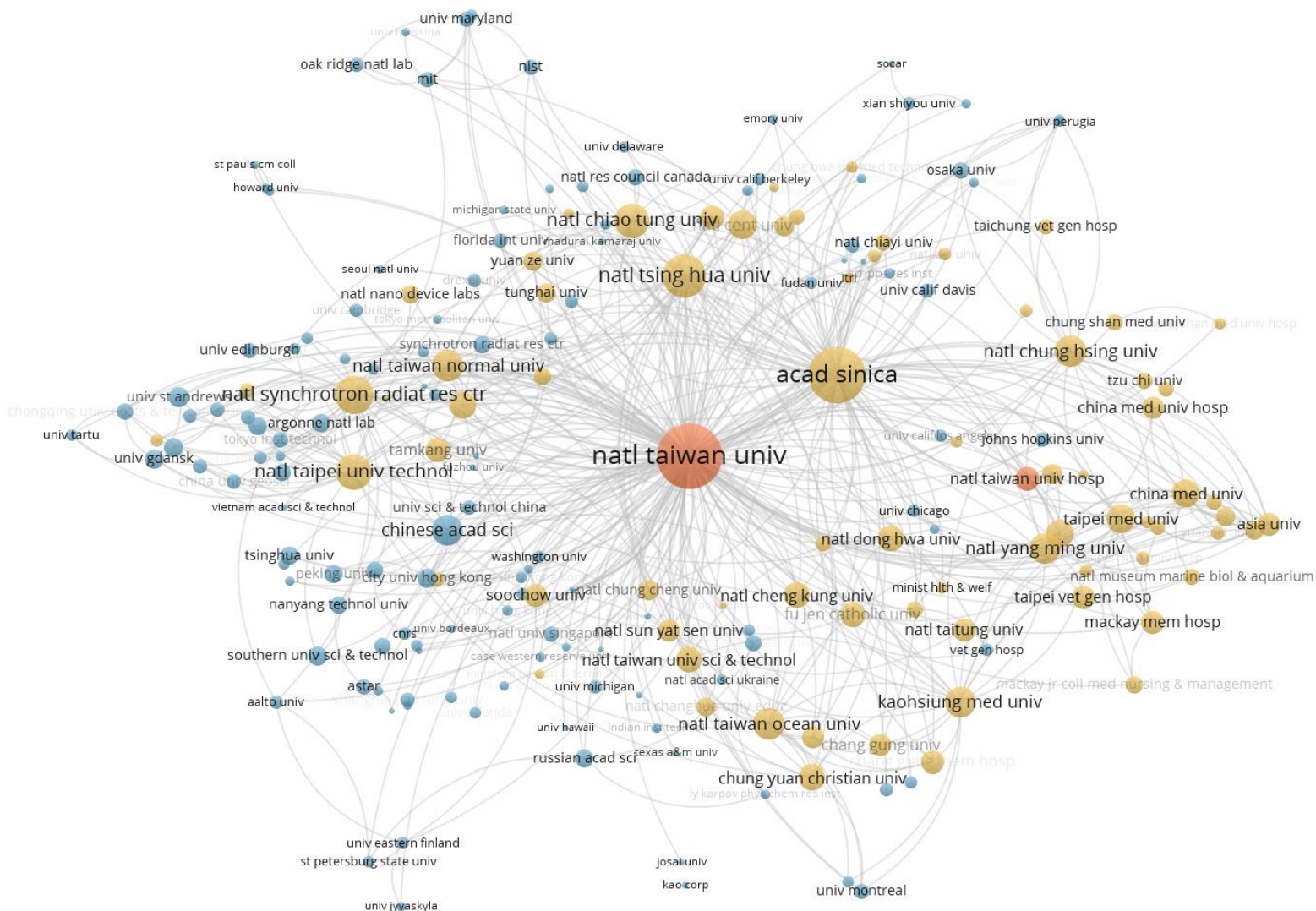
1. Benchmarking with National Taiwan University and Global.
2. Web of Science documents in 2000-2020.



# 02 RESEARCH AREAS

# 03

## Collaborations



1. Co-authorship analysis of organizations for Web of Science documents in 1980-2020 by VOSviewer.
2. The VOSviewer recorded 1,188 organizations, and the minimum documents of co-authorship was set to 5. Scale by the weights of links.
3. 208 organizations met the threshold.



# Collaborations



Nations / Regions

**54**



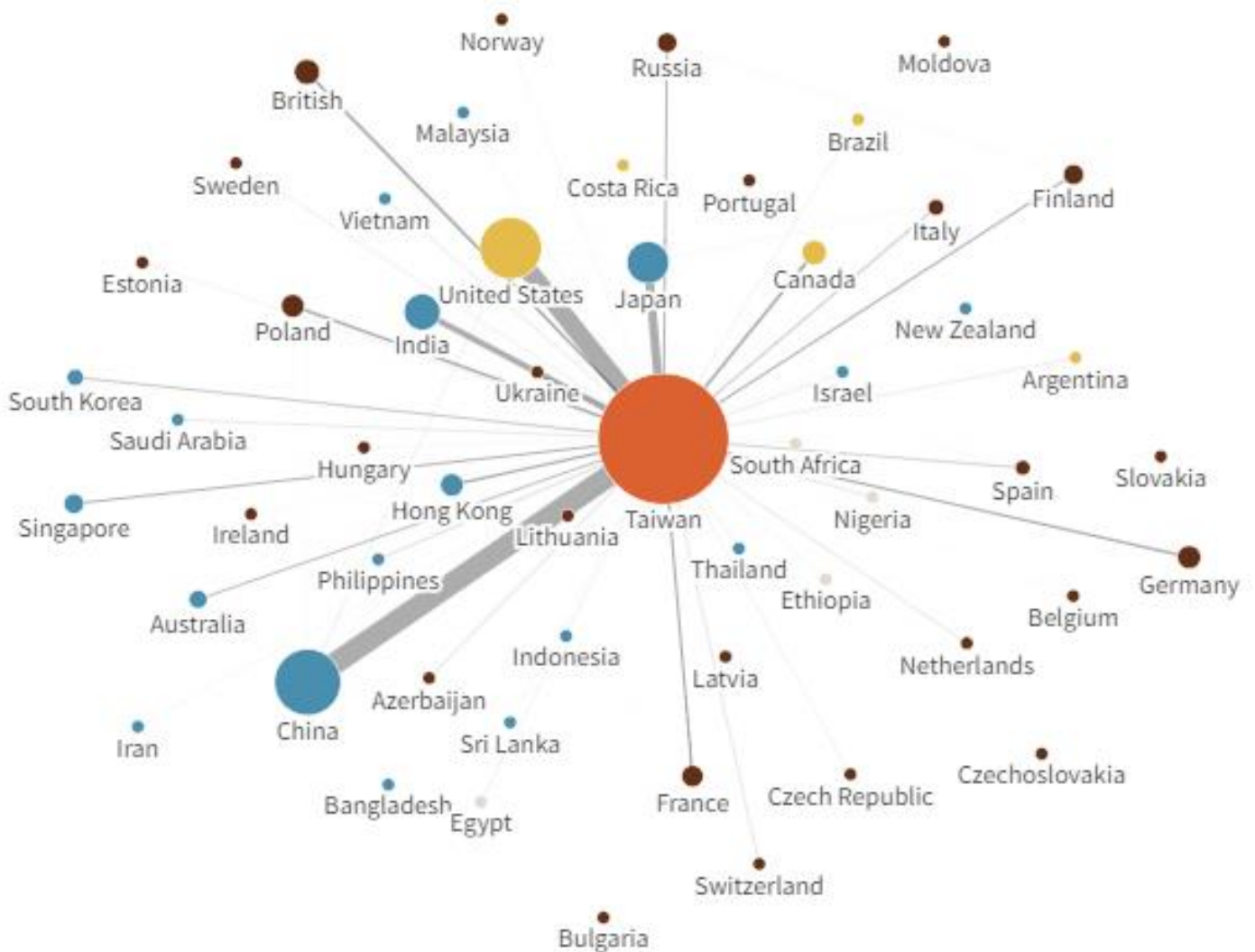
% International Collaborations

**25%**



% Domestic Collaborations

**47%**



\* Data from InCites by importing Web of Science documents in 1980-2020.

\* Visualization generated by Flourish Public.