
# 如何为学科规划提供客观的数据支撑

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汤森路透

2013年6月13日

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# 机构研究绩效评估和学科分析需求

- 对研究绩效进行评估和标杆管理
  - 评估研究产出和影响力，分析并跟踪研究发展趋势；
  - 与全球同类研究机构进行标杆比较；
- 重点学科/优势学科定位与发展
  - 揭示优势学科分布以及发展趋势；
  - 推动潜力学科快速发展；
- 精确定位研究人才
  - 综合评估本机构具有潜力的研究人才；
  - 为机构吸引外部高端研究人才；
- 鼓励并倡导合作研究
  - 评估高效的合作研究伙伴；
  - ……

# InCites—机构研究绩效综合分析工具

- 来自于 Web of Science 的30+年数据，提供8种学科分类体系；
- 基于全球基准数据，深入分析机构单篇论文、作者、学科、科研合作及研究影响力
- 对全球170多个国家与地区的3,000多所研究机构的产出和影响力进行多角度比较与分析

全球权威
学术信息

主流文献
计量方法

# InCites的构成
# http://incites.isiknowledge.com

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RESEARCH PERFORMANCE PROFILES | GLOBAL COMPARISONS | INSTITUTIONAL PROFILES | FOLDERS

CALIBRATE YOUR STRATEGIC RESEARCH VISION

InCites is a customized, citation-based research evaluation tool on the Web that enables you to analyze institutional productivity and benchmark your output against peers worldwide.

Follow the links below to view and create reports.

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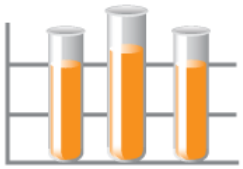
Training and Education Resources



RESEARCH PERFORMANCE PROFILES

Comprehensive Publication & Citation Reports

- Pinpoint influential and emerging researchers
- Monitor collaboration activity

Get Started

**定制数据**—机构、个人、主题、期刊的论文数据，能够进行多指标的深入分析(每季度更新)

GLOBAL COMPARISONS

Output & Impact Statistics for Benchmarking

- Compare your institution to others worldwide
- Identify field strengths within countries/territories

Get Started

**预置数据**—可以进行国家/地区和机构的多指标对比分析（每年更新）

INSTITUTIONAL PROFILES

Key indicators of research excellence for leading institutions worldwide

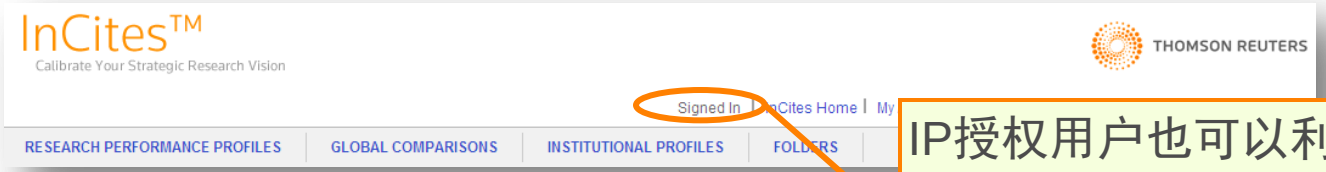
- Examine measures on reputation, funding, publications, staff and students
- Use indicator groups to discover the strengths of comparable institutions

Get Started

**概览数据**—包含机构学术声誉、研究经费、教职工和学生数据（每年更新）

# 机构用户登录InCites


点击按钮快速登录




IP授权用户也可以利用WoK账号或新建个人账号登录，实现个性化服务的功能

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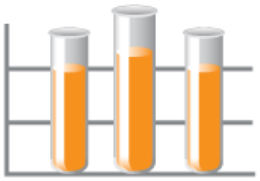
RESEARCH PERFORMANCE PROFILES | GLOBAL COMPARISONS | INSTITUTIONAL PROFILES | FOLDERS

- Create a Custom Report
- Overview and Summary Metrics
- Productivity and Researcher Output
- Collaboration and Research Networks
- Specialization and Field Strengths
- Trends and Time Series Analysis
- Impact and Citation Rankings

- National Comparisons
- Institutional Comparisons

- View an Institutional Profile
- Create a Research Footprint
- Create a Trend Graph
- Create a Scatter Plot

- My Saved Reports
- My Saved Custom Report Selections
- My Saved Document Collections
- Shared Reports
- Shared Custom Report Selections
- Shared Document Collections



RESEARCH PERFORMANCE PROFILES

- Identify field strengths within countries/territories

Get Started

INSTITUTIONAL PROFILES

Key indicators of research excellence for leading institutions worldwide

- Examine measures on reputation, funding, publications, staff and students
- Use indicator groups to discover the strengths of comparable institutions

Get Started

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Join in or start a user discussion

- 下拉菜单中可以快速的直接选择分析不同的分析内容和角度；
- 用户可以保存已经生成的报告和选项，并与其他用户共享，实现协同工作。

# 如何掌握本机构学科布局与发展态势


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RESEARCH PERFORMANCE PROFILES | GLOBAL COMPARISONS | INSTITUTIONAL PROFILES | FOLDERS

GLOBAL COMPARISONS

National Comparisons
Institutional Comparisons

1. 选择Institutional Comparisons子模块进行机构分析和对比

CREATE AN INSTITUTIONAL COMPARISON REPORT

Select any combination of data to be included in your report, or use a saved set from My Saved Selections.
Your selections will appear in the box on the right.

Comparison | Institution | Subject Area

Select up to 200 Institu... and citation information.

Institutions/Groups

2. 浏览机构组别

Select a group ...

CANADA: U15
CHILE
CHINA MAINLAND
CHINA MAINLAND, HONG KONG, MACAU
CHINA MAINLAND, HONG KONG, MACAU, TAIWAN
CHINA MAINLAND: 985 UNIV
CHINA MAINLAND: C9
COLOMBIA
COSTA RICA
CROATIA

3. 添加需分析机构

... to view / select one or more of its institutions.

BEIJING JIAOTONG UNIV
BEIJING NEUROSURG INST
BEIJING NORMAL UNIV
BEIJING UNION UNIV
BEIJING UNIV CHEM TECHNOL
BEIJING UNIV POSTS & TELECOMMUN
BEIJING UNIV TECHNOL
BOHAI UNIV

Subject Area Sc...

4. 浏览学科分类

Select a ...

ANVUR (ITALY)
Australia ERA 2012 FOR Level 1 (23 Broad categories 2 digit codes)
Australia ERA 2012 FOR Level 2 (150 Narrow categories 4 digit codes)
China SCADC Subject Categories (12 Broad level by 2 digit codes)
China SCADC Subject Categories (77 Narrow level by 4 digit codes)
Essential Science Indicators: 22 Subject Areas
FAPESP (BRAZIL)
OECD : Frascati Fields of Science
UK RAE 2008 Units of Assessment (65 categories)
UK RAE 2014 Units of Assessment (35 categories)

5. 添加需分析学科

... to view

Agricultural Sciences
Biology & Biochemistry
Chemistry
Clinical Medicine
Computer Science
Economics & Business
Engineering
Environment/Ecology

Selected items:

Institutions:
XXX L UNIV

Subject Areas:
Chemistry
Engineering
Environment/Ecology
Geosciences
Mathematics
Physics
Plant & Animal Science
Social Sciences, general

Time Period: 2003-2012

Time Period

6. 选择分析时间段

From 2003 to 2012 (individual years)
From 1981 to 2012 (cumulative)
In 5-year groupings

7. 生成报告

Create Report | Save Selections | Clear Selections

# 关于中国国务院学位办学科分类SCADC

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Search

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- Research Performance Profiles
- Global Comparisons
  - Global Comparisons
    - National Comparisons
    - Institutional Comparisons
    - Subject Area Schemes
      - Web of Science Subject Areas
      - Essential Science Indicators Subject Areas
      - Australia ERA 2010 FOR
      - FAPESP (Brazil)
      - OECD Category Scheme
      - UK RAE Units of Assessment
      - **China SCADC Subject Categories**
        - CSSC Category Mapping 2010

## CHINA SCADC SUBJECT CATEGORIES

中国国务院学位委员会学科分类 (application/pdf, 107.8 kB, info)

CSSC Category Mapping 2010 (application/vnd.openxmlformats-officedocument.spreadsheetml.sheet, 32.8 kB, info)

### Scheme Scope

The China SCAD
Academic Traini
Education of the
(http://www.moe

The CSSC class
codes, and a mu
roll up into Natu
http://www.moe.

There were a nu
representation ir
mapping; and or
spreadsheet for

All WoS categor
mapped to more

### Scheme Ty

Category-to-cate
December 2010

### Method

| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 1 | 主题数 | 主题 | moe4_desc | wos_code | wos_desc | | | |
| 2 | 0101 | 哲学 | 0101 Philosophy | HF | ETHICS | | | |
| 3 | 0101 | 哲学 | 0101 Philosophy | OO | MEDICAL ETHICS | | | |
| 4 | 0101 | 哲学 | 0101 Philosophy | UA | PHILOSOPHY | | | |
| 5 | 0101 | 哲学 | 0101 Philosophy | YI | RELIGION | | | |
| 6 | 0301 | 法学 | 0301 Law | FE | CRIMINOLOGY & PENOLOGY | | | |
| 7 | 0301 | 法学 | 0301 Law | OM | LAW | | | |
| 8 | 0301 | 法学 | 0301 Law | OP | MEDICINE, LEGAL | | | |
| 9 | 0302 | 政治学 | 0302 Political Scienc | OE | INTERNATIONAL RELATIONS | | | |
| 10 | 0302 | 政治学 | 0302 Political Scienc | UU | POLITICAL SCIENCE | | | |
| 11 | 0303 | 社会学 | 0303 Sociology | BF | ANTHROPOLOGY | | | |
| 12 | 0303 | 社会学 | 0303 Sociology | OR | ASIAN STUDIES | | | |
| 13 | 0303 | 社会学 | 0303 Sociology | EN | CULTURAL STUDIES | | | |
| 14 | 0303 | 社会学 | 0303 Sociology | FU | DEMOGRAPHY | | | |
| 15 | 0303 | 社会学 | 0303 Sociology | JO | FAMILY STUDIES | | | |
| 16 | 0303 | 社会学 | 0303 Sociology | JW | FOLKLORE | | | |
| 17 | 0303 | 社会学 | 0303 Sociology | WM | SOCIAL ISSUES | | | |
| 18 | 0303 | 社会学 | 0303 Sociology | WU | SOCIAL SCIENCES, INTERDISCIPLINARY | | | |
| 19 | 0303 | 社会学 | 0303 Sociology | WY | SOCIAL WORK | | | |
| 20 | 0303 | 社会学 | 0303 Sociology | XA | SOCIOLOGY | | | |
| 21 | 0303 | 社会学 | 0303 Sociology | ZK | WOMEN'S STUDIES | | | |

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Save Print Select an export option

## COMPARE SUBJECT AREAS IN INSTITUTIONS 2003-2012

Report Limited To

Dataset: Global Comparisons
Report Name: Compare Subject Areas in Institutions
Time Period: 2003-2012
Institutions: BEIJING NORMAL UNIV
Subject Areas: Chemistry;Engineering;Environment/Ecology;Geosciences;Mathematics;Physics;Plant & Animal Science;Social Sciences,
Additional Information: Cite this report as InCitesTM, Thomson Reuters (2012). Report Created: Jun 5, 2013 Data Processed Jan 31 2013 Data ... data in whole or in part without the written consent of the Science business of Thomson Reuters ...rs. You may not copy or redistribute this

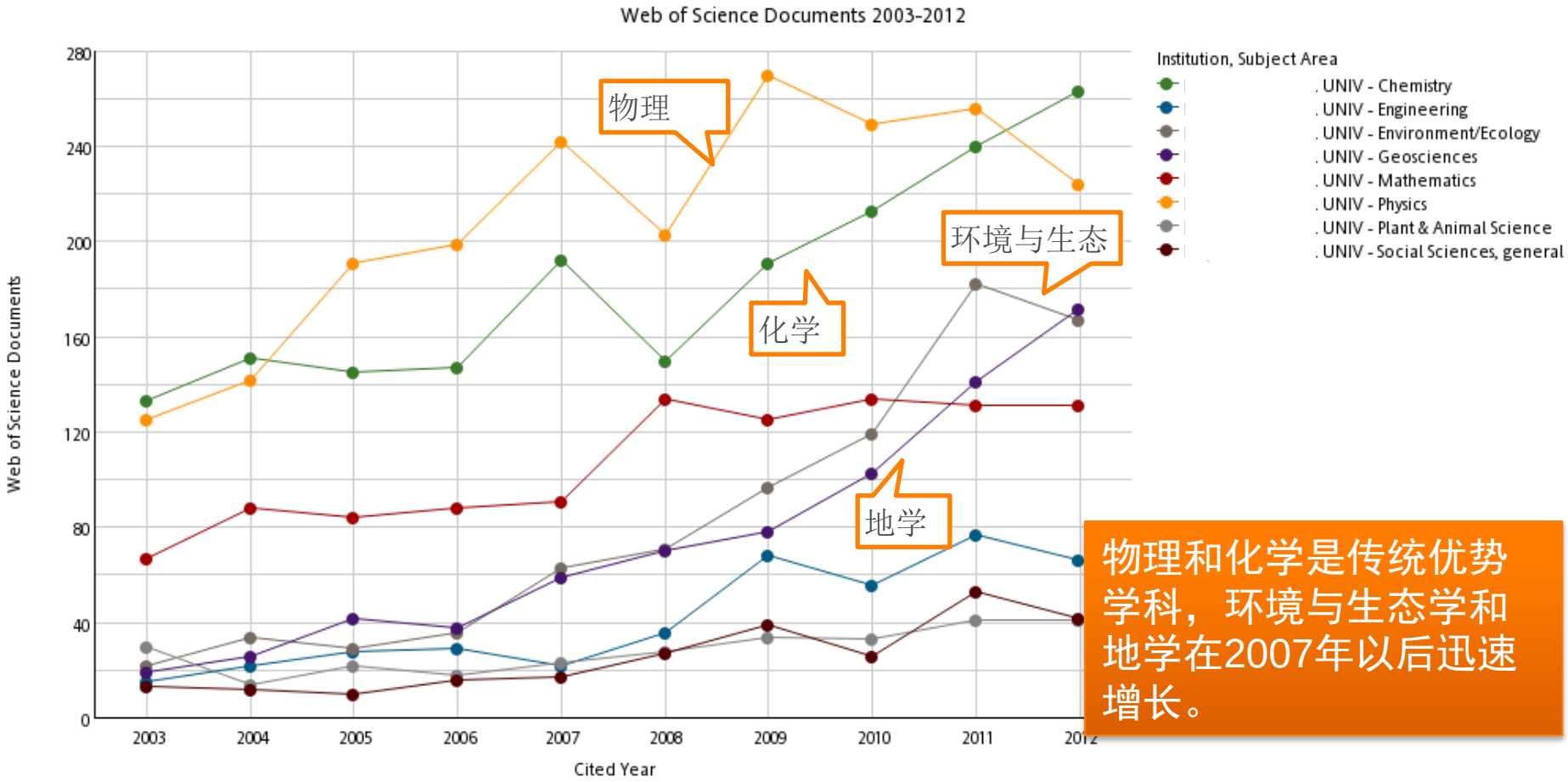
为选定的机构生成基于每年的计量指标，点击View Graph即可以生成对应指标的分析图表

Show: All Documents
Sort By: Institution

| Institution | Subject Areas | Years | Web of Science Documents View Graph | Times Cited View Graph | Cites per Document (Impact) View Graph | % Documents Cited View Graph | Impact Relative to Subject Area View Graph | Impact Relative to Institution View Graph | % Documents in Subject Area View Graph | % Documents in Institution View Graph | % Documents Cited Relative to Subject Area View Graph | % Documents Cited Relative to Institution View Graph |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEIJING UNIV XX | Chemistry | 2003 | 133 | 2,043 | 15.36 | 86.47 | 0.77 | 0.95 | 0.13 | 24.54 | 0.95 | 1.00 |
| BEIJING UNIV XX | Engineering | 2003 | 15 | 133 | 8.87 | 93.33 | 0.74 | 0.55 | 0.03 | 2.77 | 1.13 | 1.08 |
| BEIJING UNIV XX | Environment/Ecology | 2003 | 22 | 295 | 13.41 | 95.45 | 0.57 | 0.83 | 0.11 | 4.06 | 1.01 | 1.10 |
| BEIJING UNIV XX | Geosciences | 2003 | 19 | 654 | 34.42 | 94.74 | 1.74 | 2.14 | 0.08 | 3.51 | 1.03 | 1.09 |
| BEIJING UNIV XX | Mathematics | 2003 | 67 | 392 | 5.85 | 86.57 | 0.76 | 0.36 | 0.31 | 12.36 | 1.07 | 1.00 |
| BEIJING UNIV XX | Physics | 2003 | 125 | 1,047 | 8.38 | 77.60 | 0.49 | 0.52 | 0.15 | 23.06 | 0.88 | 0.89 |
| BEIJING UNIV XX | Plant & Animal Science | 2003 | 30 | 229 | 7.63 | 93.33 | 0.48 | 0.47 | 0.07 | 5.54 | 1.02 | 1.08 |
| BEIJING UNIV XX | Social Sciences, general | 2003 | 13 | 97 | 7.46 | 76.92 | 0.55 | 0.46 | 0.04 | 2.40 | 0.89 | 0.89 |
| BEIJING UNIV XX | Chemistry | 2004 | 151 | 2,207 | 14.62 | 88.08 | 0.77 | 1.20 | 0.14 | 25.29 | 0.97 | 1.00 |

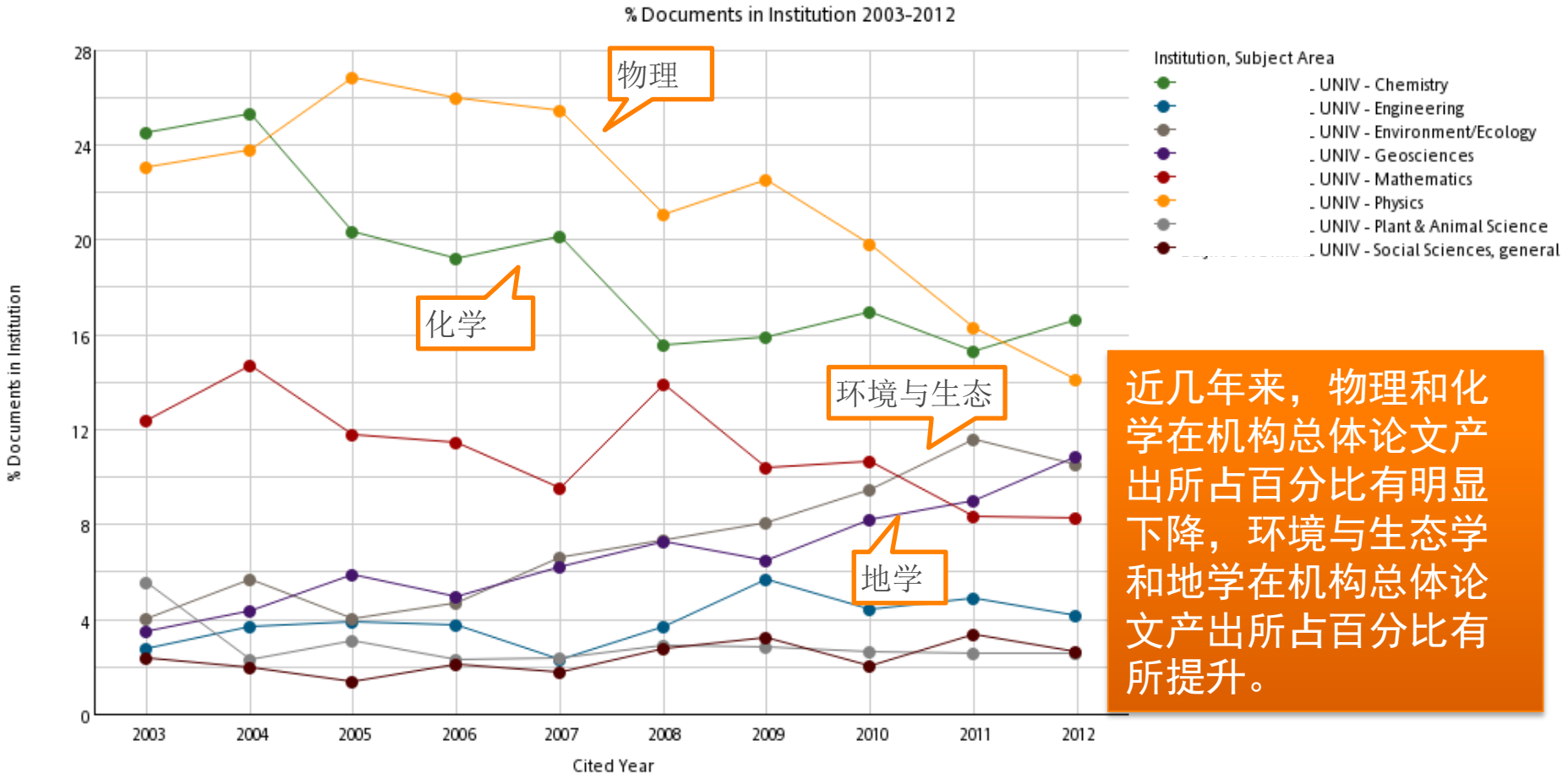
Top | Page down | Bottom

# 把握学科发展阶段
# (各学科论文产出数量)



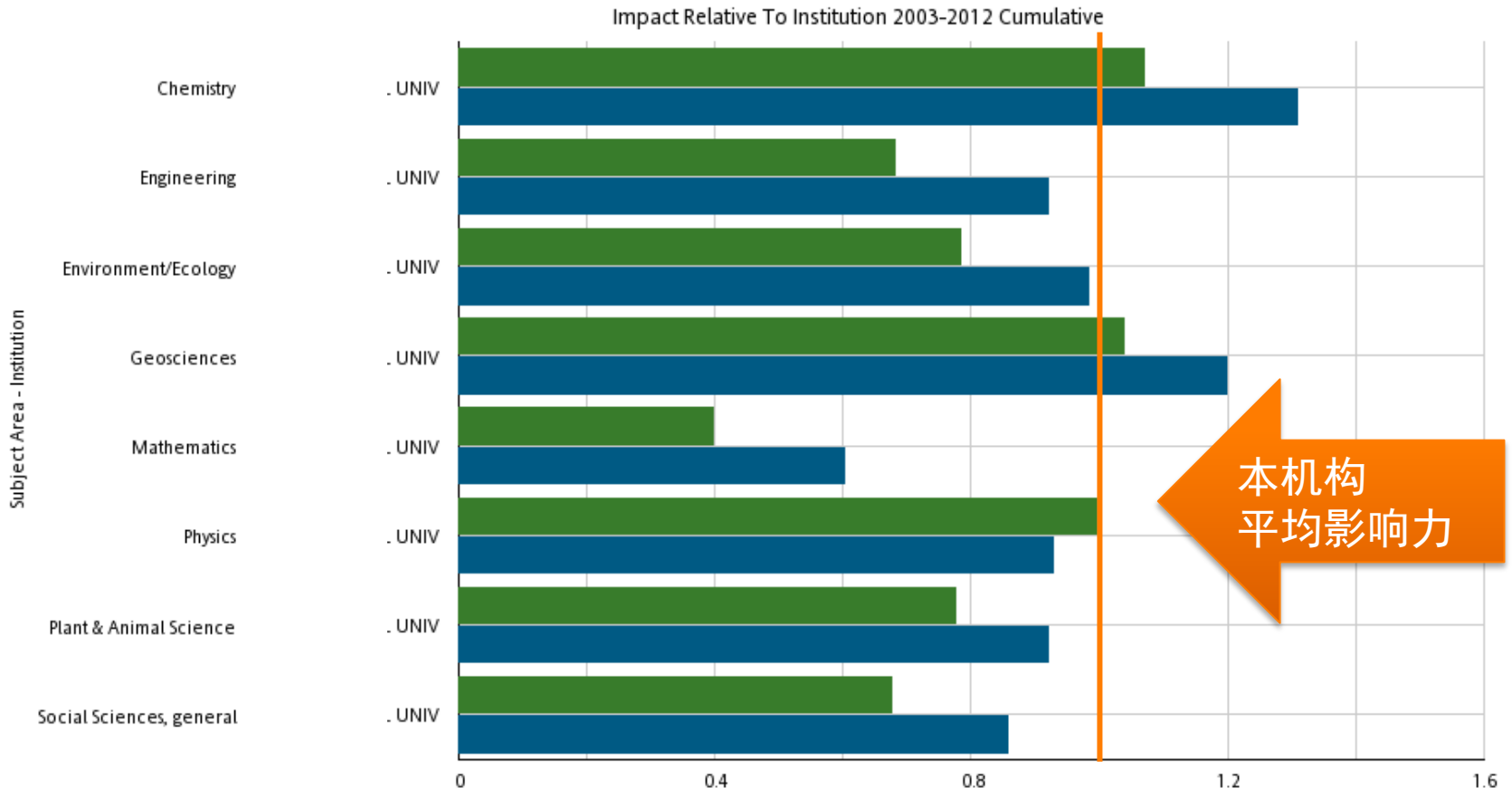

物理和化学是传统优势学科，环境与生态学和地学在2007年以后迅速增长。

# 深入了解学科布局
# (各学科论文产出占机构总体的百分比)



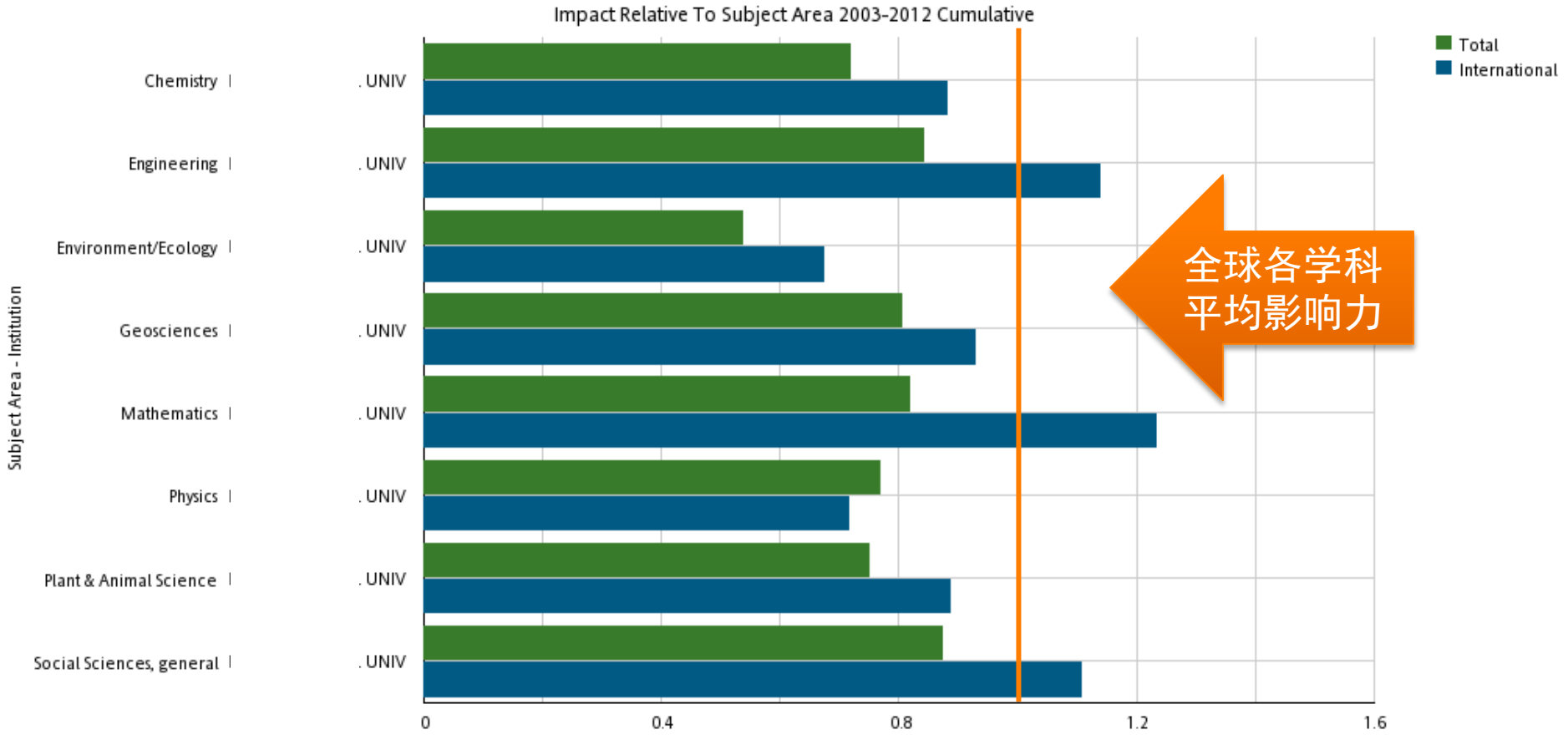

近几年来，物理和化学在机构总体论文产出所占百分比有明显下降，环境与生态学和地学在机构总体论文产出所占百分比有所提升。

# 透视学科相对影响力—近十年 (相对于机构平均水平)




- 化学和地学平均影响力已经超过机构平均水平；
- 物理学领域中，国际合作论文的相对影响力偏低

# 透视学科相对影响力—近10年 (相对于全球各学科平均水平)




工程、数学和社会科学领域中国际合作论文的平均影响力已经超过1

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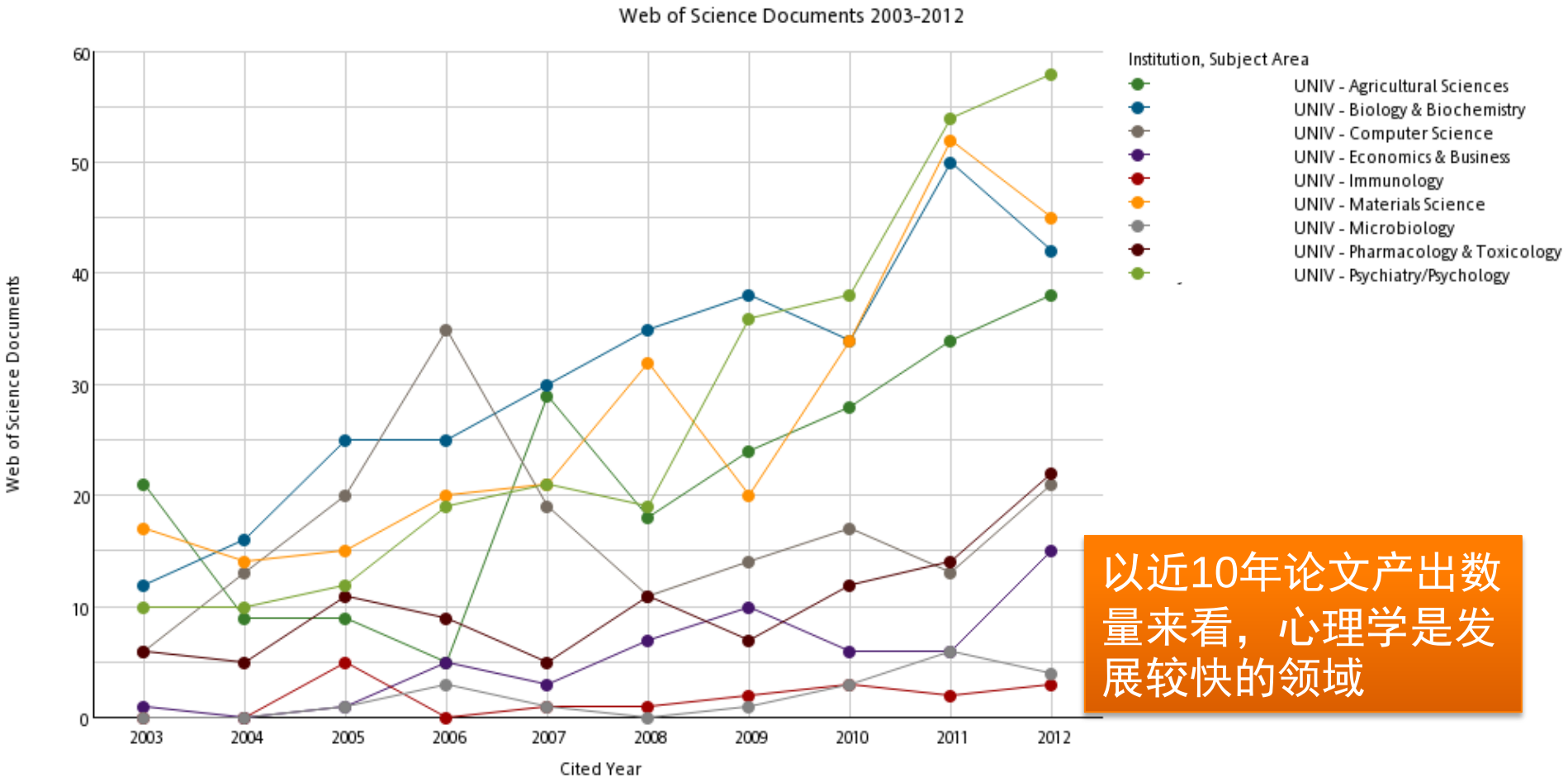
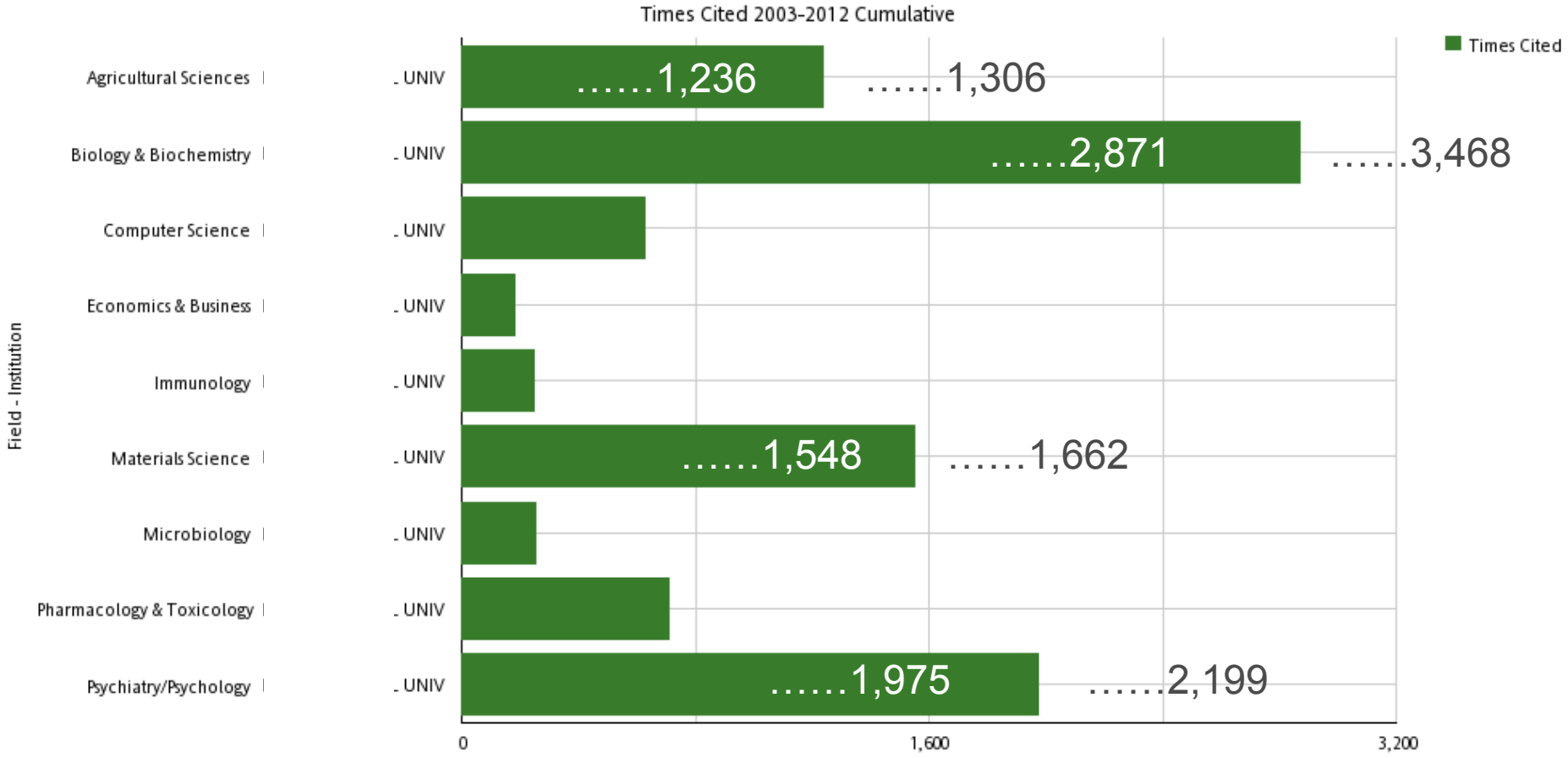
# 加强学科规划与发展
# 关注具有发展潜力的学科




以近10年论文产出数量来看，心理学是发展较快的领域

# 加强学科规划与发展
# 关注具有发展潜力的学科




以近10年论文总被引频次来看，心理学也是最接近全球前1%阈值的学科

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# 如何了解同类机构学科建设情况，为自身学科建设提供决策参考

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GLOBAL COMPARISONS

National Comparisons
Institutional Comparisons

1. 选择Institutional Comparisons子模块进行机构分析和对比

CREATE AN INSTITUTIONAL COMPARISON REPORT

Select any combination of data to be included in your report, or use a saved set from My Saved Selections.
Your selections will appear in the box on the right.

Comparison | Institution | Subject Area

Select up to 200 Institu... citation information.

Institutions/Groups

2. 浏览机构组别

Select a group ...

JAPAN
JAPAN: EX-BIG 6 MEDICAL SCHOOLS (6 UNIVERSITIES)
JAPAN: MAFF INST
JAPAN: NATIONAL SEVEN UNIVERSITIES
JAPAN: NATIONAL SEVEN UNIVERSITIES & TOKYO TECH
JAPAN: NATIONAL UNIVERSITIES
JAPAN: NATIONAL UNIVERSITIES A (MORE THAN 8 FACULTIES)
JAPAN: NATIONAL UNIVERSITIES B (5-7 FACULTIES)
JAPAN: RESEARCH UNIVERSITIES 11 (RU11)
JORDAN

3. 添加需分析机构

... to view / select one or more of its ins...tions.

--JAPAN TOTALS
--JAPAN: EX-BIG 6 MEDICAL SCHOOLS TOTALS
--JAPAN: MAFF INST TOTALS
--JAPAN: NATL SEVEN UNIVERSITIES TOTALS
--JAPAN: NATL SEVEN UNIVERSITIES&TOKYO TECH TOTALS
--JAPAN: NATL UNIVERSITIES A TOTALS
--JAPAN: NATL UNIVERSITIES B TOTALS
--JAPAN: NATL UNIVERSITIES TOTALS

Selected items:

Institutions:
- HARVARD UNIV
- UNIV TOKYO

Subject Areas:
- Biology & Biochemistry
- Chemistry
- Clinical Medicine
- Economics & Business
- Engineering
- Materials Science
- Mathematics
- Physics
- Social Sciences, general

Time Period: 2003-2012 cumulative

Subject Area Sc...

4. 浏览学科分类

Select a...

Australia ERA 2012 FOR Level 1 (23 Broad categories 2 digit codes)
Australia ERA 2012 FOR Level 2 (150 Narrow categories 4 digit codes)
China SCADC Subject Categories (12 Broad level by 2 digit codes)
China SCADC Subject Categories (77 Narrow level by 4 digit codes)
Essential Science Indicators: 22 Subject Areas
FAPESP (BRAZIL)
OECD : Frascati Fields of Science
UK RAE 2008 Units of Assessment (65 categories)
UK RAE 2014 Units of Assessment (35 categories)
Web of Science: 251 Subject Areas

5. 添加需分析学科

... to view...

Agricultural Sciences
Biology & Biochemistry
Chemistry
Clinical Medicine
Computer Science
Economics & Business
Engineering
Environment/Ecology

Time Period

6. 选择分析时间段

From 1981 to 2012 (individual years)
From 2003 to 2012 (cumulative)
In 5-year groupings

7. 生成报告

Create Report | Save Selections | Clear Selections

## COMPARE SUBJECT AREAS IN INSTITUTIONS 2003-2012 CUMULATIVE

Report Limited To

| | |
|---|---|
| Dataset: | Global Comparisons |
| Report Name: | Compare Subject Areas in Institutions |
| Time Period: | 2003-2012 Cumulative |
| Institutions: | HARVARD UNIV;UNIV TOKYO |
| Subject Areas: | Biology & Biochemistry;Chemistry;Clinical Medicine;Economics & Business;Engineering;Materials Science;Mathematic |
| Additional Information: | Cite this report as InCitesTM, Thomson Reuters (2012). Report Created: Jun 7, 2013 Data Processed Jan 31 2013 Da… euters. You may not copy or redistribute this data in whole or in part without the written consent of the Science business of Thomson Reuters |

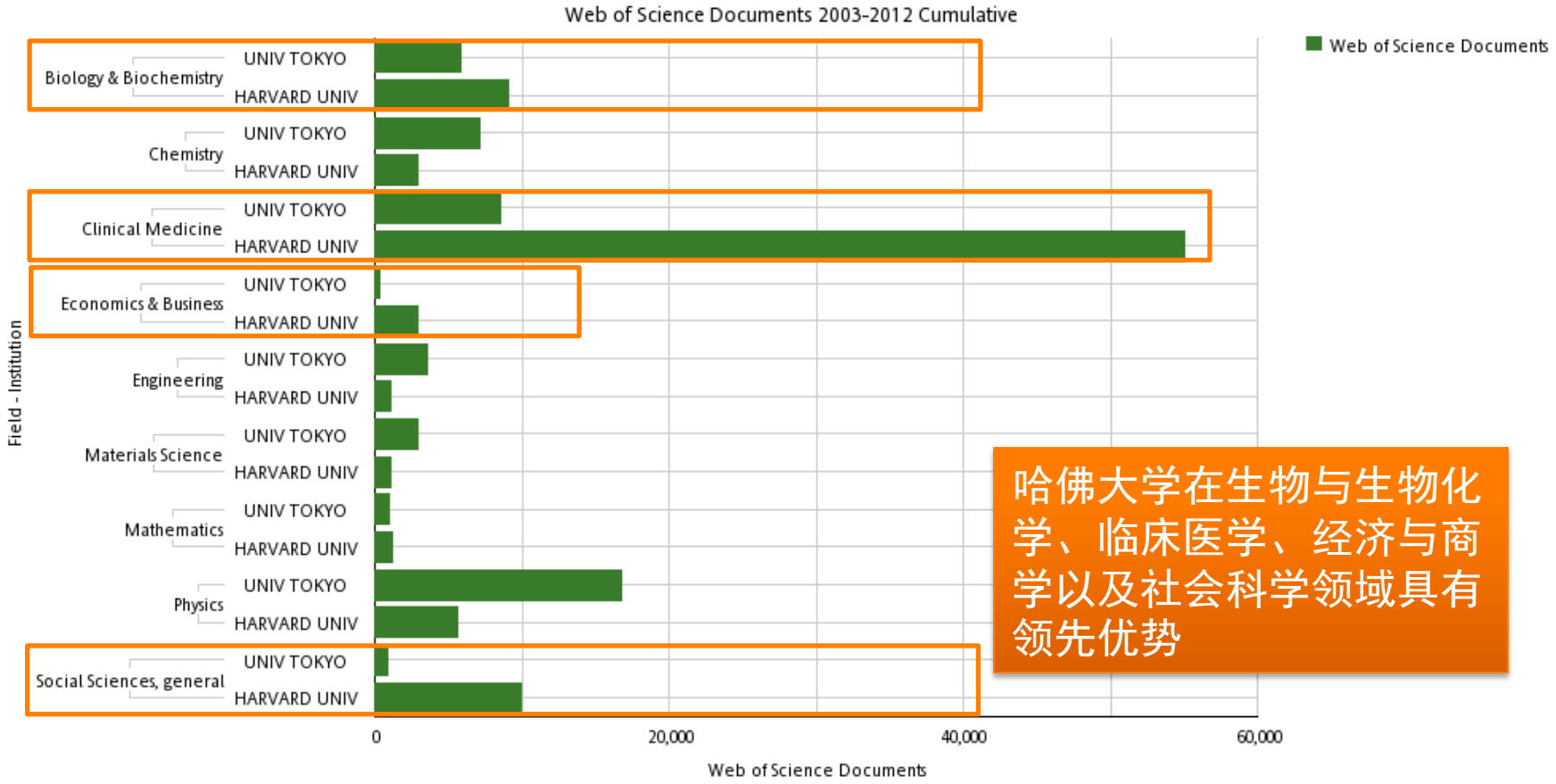
为选定的机构生成基于每年的计量指标，点击View Graph即可以生成对应指标的分析图表

Show: All Documents

Sort By: Institution

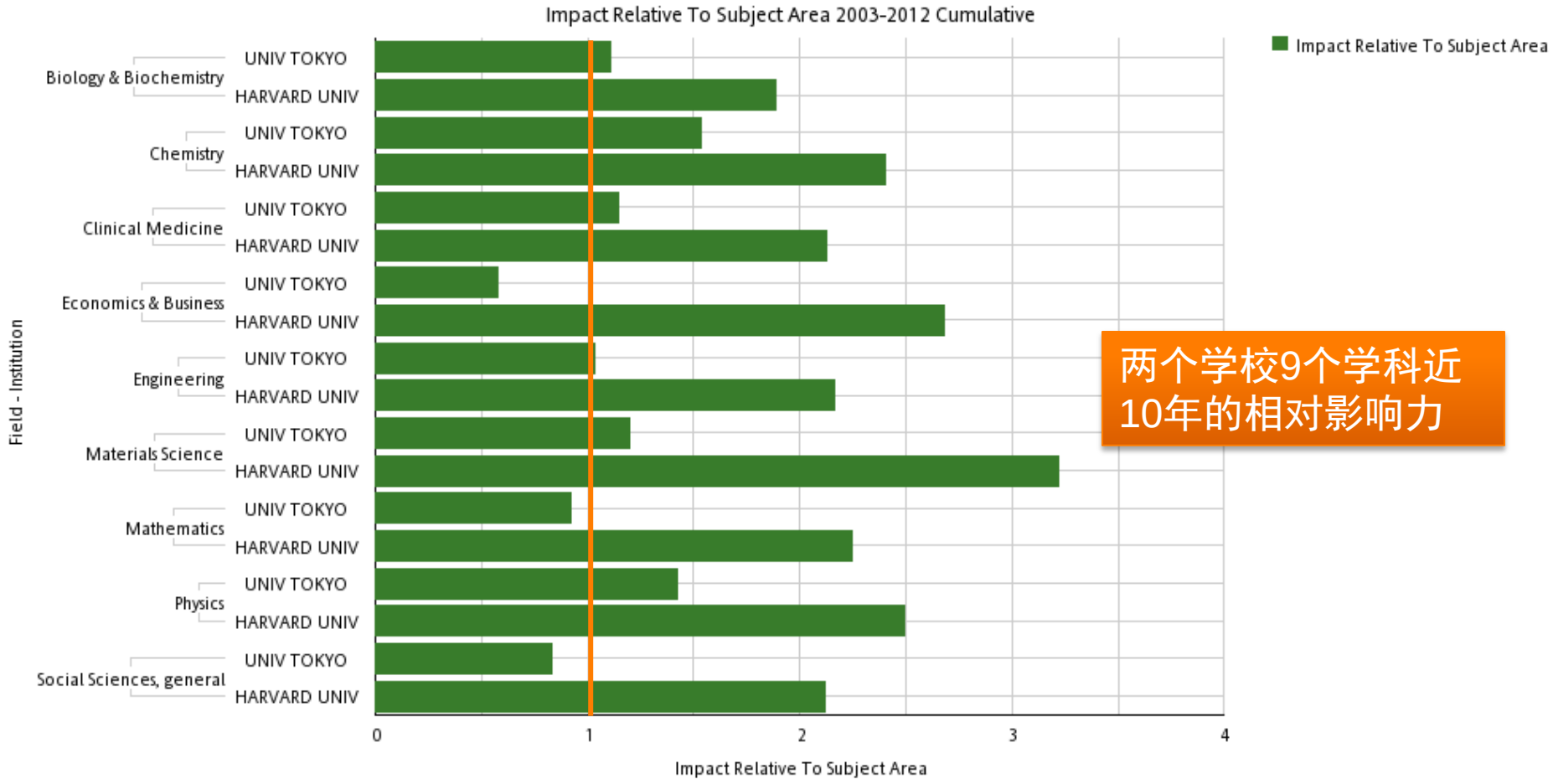
| Institution | Subject Areas | Web of Science Documents View Graph | Times Cited View Graph | Cites per Document (Impact) View Graph | % Documents Cited View Graph | Impact Relative to Subject Area View Graph | Impact Relative to Institution View Graph | % Documents in Subject Area View Graph | % Documents in Institution View Graph | % Documents Cited Relative to Subject Area View Graph | % Documents Cited Relative to Institution View Graph |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HARVARD UNIV | Biology & Biochemistry | 9,039 | 260,009 | 28.77 | 92.03 | 1.89 | 1.05 | 1.62 | 6.37 | 1.07 | 1.06 |
| HARVARD UNIV | Chemistry | 2,924 | 77,285 | 26.43 | 89.84 | 2.40 | 0.97 | 0.23 | 2.06 | 1.13 | 1.03 |
| HARVARD UNIV | Clinical Medicine | 54,969 | 1,350,570 | 24.57 | 86.03 | 2.13 | 0.90 | 2.77 | 38.74 | 1.11 | 0.99 |
| HARVARD UNIV | Economics & Business | 2,874 | 51,145 | 17.80 | 81.91 | 2.68 | 0.65 | 1.65 | 2.03 | 1.22 | 0.94 |
| HARVARD UNIV | Engineering | 1,135 | 14,678 | 12.93 | 78.59 | 2.16 | 0.47 | 0.14 | 0.80 | 1.16 | 0.90 |
| HARVARD UNIV | Materials Science | 1,091 | 28,905 | 26.49 | 87.90 | 3.22 | 0.97 | 0.21 | 0.77 | 1.21 | 1.01 |
| HARVARD UNIV | Mathematics | 1,237 | 10,014 | 8.10 | 76.31 | 2.25 | 0.30 | 0.43 | 0.87 | 1.24 | 0.88 |
| HARVARD UNIV | Physics | 5,648 | 135,083 | 23.92 | 89.61 | 2.49 | 0.87 | 0.57 | 3.98 | 1.15 | 1.03 |
| HARVARD UNIV | Social Sciences, general | 9,983 | 121,229 | 12.14 | 79.02 | 2.12 | 0.44 | 1.78 | 7.04 | 1.21 | 0.91 |
| UNIV TOKYO | Biology & Biochemistry | 5,818 | 98,583 | 16.94 | 88.81 | 1.11 | 1.14 | 1.04 | 8.10 | 1.03 | 1.07 |
| UNIV TOKYO | Chemistry | 7,175 | 121,030 | 16.87 | 86.43 | 1.53 | 1.13 | 0.58 | 9.99 | 1.09 | 1.04 |
| UNIV TOKYO | Clinical Medicine | 8,591 | 113,863 | 13.25 | 82.71 | 1.15 | 0.89 | 0.43 | 11.96 | 1.07 | 1.00 |
| UNIV TOKYO | Economics & Business | 369 | 1,412 | 3.83 | 65.85 | 0.58 | 0.26 | 0.21 | 0.51 | 0.98 | 0.79 |
| UNIV TOKYO | Engineering | 3,527 | 21,779 | 6.17 | 69.78 | 1.03 | 0.42 | 0.44 | 4.91 | 1.03 | 0.84 |

# 哈佛大学与东京大学的学科产出成果对比




哈佛大学在生物与生物化学、临床医学、经济与商学以及社会科学领域具有领先优势

# 哈佛大学与东京大学的学科影响力对比




两个学校9个学科近10年的相对影响力

# 本机构在哪些研究领域/主题方面比较突出？

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- Collaboration and Research Networks
- Specialization and Subject Area Strengths
- Trends and Time Series Analysis
- Impact and Citation Rankings

Dataset: Japanese Science & Technology Agency

STRENGTHS

he report for the overall dataset or create a custom report

Metrics for all fields within a dataset, ranked her of total citations

Keyword Ranking

Ranking of the topics in a dataset based

分析研究领域分布与研究主题

# 研究领域(Web of Science学科)综合分析

## SUBJECT AREA RANKING

Print | Select an export option

Viewing Dataset: University: Address Search Dataset

Report Limited To

Dataset: Address Search Dataset
Report Name: Subject Area Ranking
Time Period: 1980-2012
Additional Information: Cite this report as InCites™, Thomson Reuters (2012). Report Created: Oct 19, 2012 Data Processed Sep 7, 2012 5:34:23 PM Data Source: Web of Science ® This data is reproduced under a license from Thomson Reuters. You may not copy or redistribute this data in whole or in part without the written consent of the Science business of Thomson Reuters. Subject area baseline data processed Jan. 1, 1981->Dec. 31, 2011

Subject Areas 1 - 20 of 229 Sort By: Times Cited

| Rank | Subject Area | Times Cited | Web of Science Documents | Average Cites per Document | h-index | Journal Actual/Expected Citations | Category Actual/Expected Citations | Average Percentile |
|---|---|---|---|---|---|---|---|---|
| 1 | MATERIALS SCIENCE, MULTIDISCIPLINARY | 69,124 | 7,231 | 9.56 | 92 | 1.29 | 1.11 | 56.37 |
| 2 | CHEMISTRY, PHYSICAL | 52,935 | 3,350 | 15.80 | 91 | 1.47 | 1.61 | 45.32 |
| 3 | PHYSICS, APPLIED | 46,137 | 4,701 | 9.81 | 73 | 1.15 | 1.16 | 53.45 |
| 4 | CHEMISTRY, MULTIDISCIPLINARY | 39,254 | 2,799 | 14.02 | 90 | 1.68 | 1.37 | 54.65 |
| 5 | PHYSICS, CONDENSED MATTER | 33,561 | 2,584 | 12.99 | 77 | 1.21 | 1.26 | 52.52 |
| 6 | NANOSCIENCE & NANOTECHNOLOGY | 22,722 | 1,441 | 15.77 | 68 | 1.49 | 2.15 | 42.73 |
| 7 | PHYSICS, MULTIDISCIPLINARY | 20,710 | 2,588 | 8.00 | 63 | 1.24 | 0.84 | 61.40 |
| 8 | ENGINEERING, CHEMICAL | 20,172 | 2,335 | 8.64 | 47 | 1.12 | 1.09 | 50.90 |
| 9 | BIOCHEMISTRY & MOLECULAR BIOLOGY | 17,347 | 1,621 | 10.70 | 50 | 0.94 | 0.59 | 63.66 |
| 10 | ENGINEERING, ELECTRICAL & ELECTRONIC | 15,779 | 4,088 | 3.86 | 38 | 0.92 | 0.79 | 64.85 |
| 11 | MECHANICS | | | | | 12 | 1.07 | 56.38 |
| 12 | ENVIRONMENTAL SCIEN | | | | | 38 | 1.25 | 54.83 |
| 13 | PHYSICS, ATOMIC, MOL CHEMICAL | | | | | 10 | 1.15 | 50.16 |
| 14 | ENGINEERING, MECHANI | | | | | 14 | 1.15 | 55.24 |
| 15 | OPTICS | | | | | 92 | 0.81 | 61.64 |
| 16 | CHEMISTRY, ANALYTICA | | | | | 24 | 1.07 | 55.11 |
| 17 | ELECTROCHEMISTRY | 11,343 | 815 | 13.92 | 47 | 1.42 | 1.70 | 45.05 |
| 18 | ENERGY & FUELS | 10,908 | 1,160 | 9.40 | 42 | 1.27 | 1.66 | 46.30 |
| 19 | BIOTECHNOLOGY & APPLIED MICROBIOLOGY | 9,851 | 875 | 11.26 | 42 | 1.35 | 1.23 | 49.71 |
| 20 | POLYMER SCIENCE | 9,173 | 1,045 | 8.78 | 39 | 1.24 | 0.98 | 56.99 |

- 材料科学、物理化学、应用物理和凝聚态物理等研究领域的总体影响力较高，其篇均影响力均超过了各自学科的全球平均水平；
- 纳米科学与技术具有较高的学科相对影响力(2.15)

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Select metrics to be included in report:

Citation Metrics | h-index* | % Documents Cited
2nd Generation Citations* | Disciplinarity Metrics* | Self-citation Metrics
Collaboration* | Average Percentile | Percentile Distribution*

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Time Period 2009 to 2013

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You can limit the data to be included in your report to specific items, or use a saved set from My Saved Selections.
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**Authors** | Subject Areas | Institutions | Countries / Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers

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Browse **AUTHORS** beginning with:

0-9 | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

A Items 1 to 500 of 840 | Go to item: 1 Go

| Count | Add | Authors |
|---|---|---|
| 1 | + | A, JY |
| 1 | + | A, LY |
| 69 | + | AAIJ, R |
| 1 | + | AAJI, R |
| 4 | + | AARONSON, HI |
| 3 | + | AASI, J |
| 1 | + | ABAD, GG |

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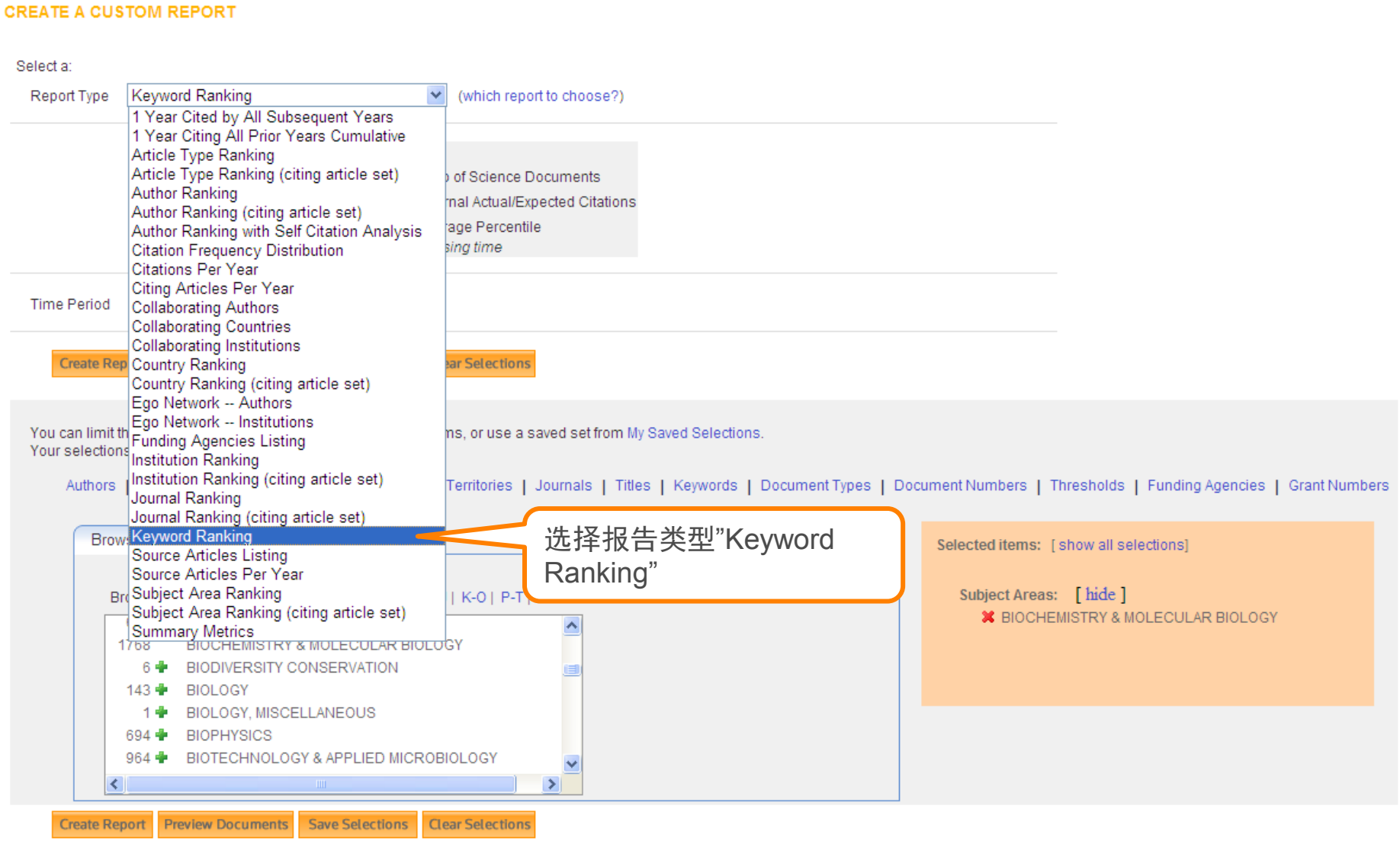
CREATE A CUSTOM REPORT
Select a:
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(which report to choose?)
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Article Type Ranking (citing article set)
Author Ranking
Author Ranking (citing article set)
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Citations Per Year
Citing Articles Per Year
Collaborating Authors
Collaborating Countries
Collaborating Institutions
Country Ranking
Country Ranking (citing article set)
Ego Network -- Authors
Ego Network -- Institutions
Funding Agencies Listing
Institution Ranking
Institution Ranking (citing article set)
Journal Ranking
Journal Ranking (citing article set)
Keyword Ranking
Source Articles Listing
Source Articles Per Year
Subject Area Ranking
Subject Area Ranking (citing article set)
Summary Metrics
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Authors
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Brow
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选择报告类型”Keyword Ranking”
1768 BIOCHEMISTRY & MOLECULAR BIOLOGY
6 BIODIVERSITY CONSERVATION
143 BIOLOGY
1 BIOLOGY, MISCELLANEOUS
694 BIOPHYSICS
964 BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Selected items: [ show all selections]
Subject Areas: [ hide ]
BIOCHEMISTRY & MOLECULAR BIOLOGY
Create Report
Preview Documents
Save Selections
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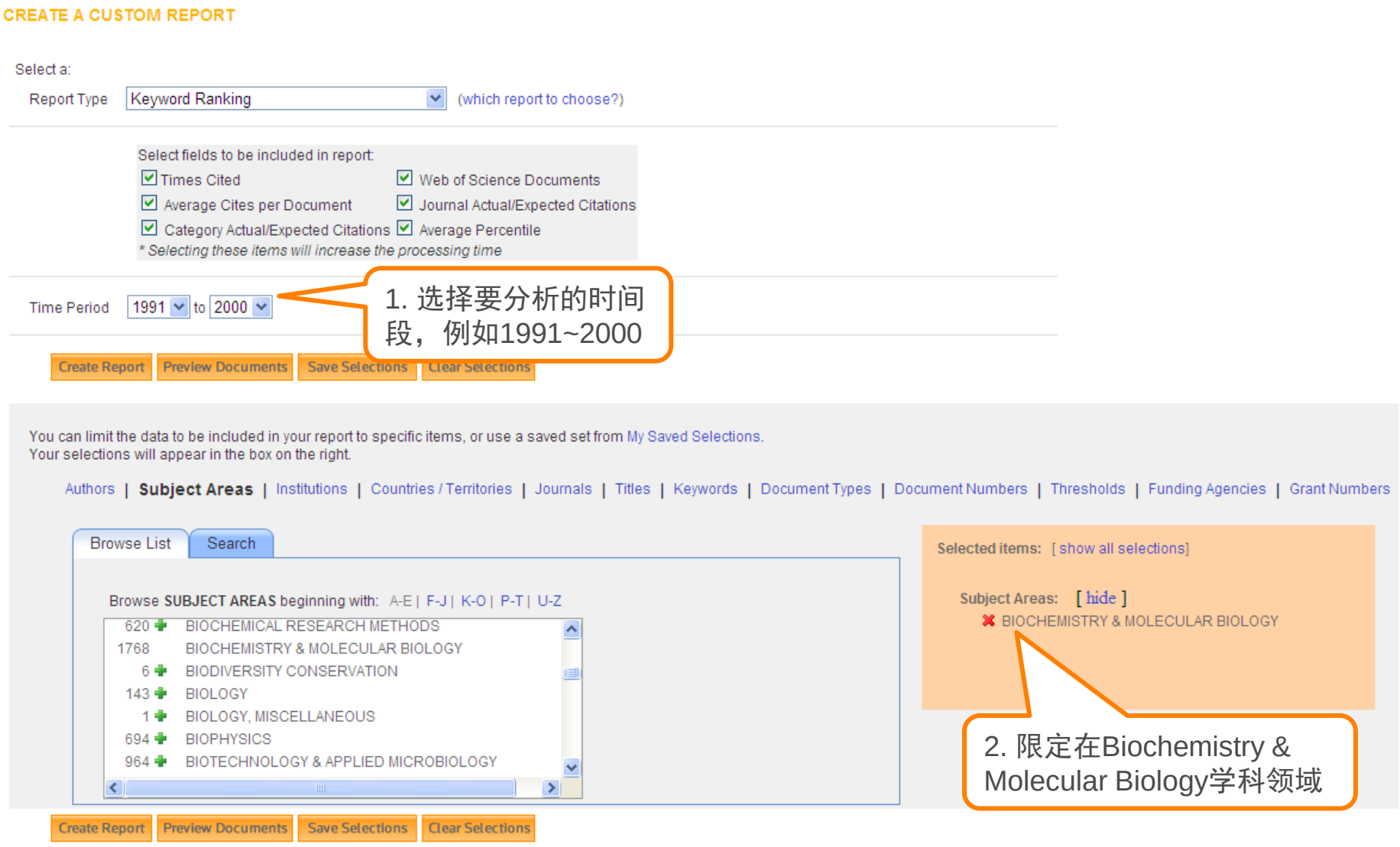
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Report Type
Keyword Ranking
(which report to choose?)
Select fields to be included in report:
Times Cited
Web of Science Documents
Average Cites per Document
Journal Actual/Expected Citations
Category Actual/Expected Citations
Average Percentile
* Selecting these items will increase the processing time
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1991
to
2000
1. 选择要分析的时间段，例如1991~2000
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Save Selections
Clear Selections
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Your selections will appear in the box on the right.
Authors | Subject Areas | Institutions | Countries / Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Browse List
Search
Browse SUBJECT AREAS beginning with: A-E | F-J | K-O | P-T | U-Z
620 BIOCHEMICAL RESEARCH METHODS
1768 BIOCHEMISTRY & MOLECULAR BIOLOGY
6 BIODIVERSITY CONSERVATION
143 BIOLOGY
1 BIOLOGY, MISCELLANEOUS
694 BIOPHYSICS
964 BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Selected items: [ show all selections]
Subject Areas: [ hide ]
BIOCHEMISTRY & MOLECULAR BIOLOGY
2. 限定在Biochemistry & Molecular Biology学科领域
Create Report
Preview Documents
Save Selections
Clear Selections

# 通过主题词分析揭示学科研究重点的迁移

## 1991~2000年间，生物化学与分子生物学的主题词分布

Keywords 1 - 20 of 1,042

Sort By: Times Cited

| Rank | Keyword | Times Cited | Web of Science Documents | Average Cites per Document | Journal Actual/Expected Citations | Category Actual/Expected Citations | Average Percentile |
|---|---|---|---|---|---|---|---|
| 1 | INACTIVATION | 619 | | | | 0.28 | 71.44 |
| 2 | DENATURATION | 383 | | | | 0.36 | 66.99 |
| 3 | RATES | 300 | | | | 0.43 | 63.89 |
| 4 | KINETICS | 286 | | | | 0.32 | 67.01 |
| 5 | INHIBITION | 274 | | | | 0.35 | 66.82 |
| 6 | AMINOACYLASE | 241 | 20 | 12.05 | 0.80 | 0.29 | 68.44 |
| 7 | CONFORMATIONAL-CHANGES | 224 | 16 | 14.00 | 0.85 | 0.35 | 64.27 |
| 8 | CREATINE KINASE | 223 | 19 | 11.74 | 0.92 | 0.30 | 69.39 |
| 9 | PROTEINS | 222 | 19 | 11.68 | 0.74 | 0.29 | 69.73 |
| 10 | ALKALINE PHOSPHATASE | 199 | 15 | 13.27 | 1.09 | 0.32 | 66.53 |

•集中在失活、蛋白质变性、抑制、氨基酰化酶、肌酸激酶、构象转变等研究主题上

## 2001~2010年间，生物化学与分子生物学的主题词分布

Keywords 1 - 20 of 6,834

Sort By: Times Cited

| Rank | Keyword | Times Cited | Web of Science Documents | Average Cites per Document | Journal Actual/Expected Citations | Category Actual/Expected Citations | Average Percentile |
|---|---|---|---|---|---|---|---|
| 1 | PROTEIN | 1,372 | 116 | 11.83 | 0.87 | 0.64 | 64.33 |
| 2 | EXPRESSION | 1,335 | | | | 0.75 | 58.57 |
| 3 | BINDING | 1,323 | | | | 0.89 | 55.35 |
| 4 | IDENTIFICATION | 1,175 | | | | 0.91 | 59.91 |
| 5 | CRYSTAL-STRUCTURE | 860 | | | | 0.71 | 61.62 |
| 6 | RECEPTOR | 832 | 29 | 28.69 | 1.21 | 1.59 | 47.04 |
| 7 | ESCHERICHIA-COLI | 804 | 66 | 12.18 | 0.70 | 0.73 | 57.33 |
| 8 | MECHANISM | 798 | 81 | 9.85 | 0.73 | 0.54 | 61.94 |
| 9 | GENES | 615 | 12 | 51.25 | 2.31 | 2.56 | 52.58 |
| 10 | AGGREGATION | 607 | 50 | 12.14 | 1.15 | 0.64 | 60.97 |

•集中在蛋白质表达、键、晶体结构、基因、聚合等研究主题上

# 小结

- 机构对比数据(Institutional Comparison)能够帮助您您为分析对象建立不同的基准线，进行定标对比分析。另外，相对影响力指标可以消除不同机构规模、分析时间段等因素的影响，以全球平均水平为标尺，客观的判断机构学术影响力水平。
- 定制化分析报告(Custom Report)能够灵活建立任意年或某学科的子数据集，从而帮助您揭示学科研究重点的迁移，把握学科发展方向。

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本系列研讨将于6月4日开始，届时将邀请来自江南大学和中科院文献情报中心的老师与大家分享如何利用InCites分析工具生成学科及宏观的分析报告，课程包括：**1. 总体绩效分析 6月4日 15:00-16:00，2. 学科规划建设 6月13日 15:00-16:30、3. 人员/团队评估 6月25日 15:00-16:00，4. 国际合作 7月2日 15:00-16:30。**具体课程信息请参见通知。

## 课程安排 & 在线注册

* WebEx、PPT、以及视频课件在该课程结束次日供下载或在线观看
* 听课密码：InCites

| | |
|---|---|
| **课程名称** | **如何分析和跟踪机构总体绩效并进行对比分析** |
| **时　　间** | 6月4日 15:00-16:00 |
| **内容简介** | 1. 把握机构总体学术表现和全球定位<br>2. 发现机构自身所处的发展阶段，形成具有自身特色的发展模式<br>3. 以全球基准为标尺，客观判断并跟踪机构学术影响力水平<br>*对应《InCites用户指导手册》Tips1. 2. 10. 11 |
| **授课讲师** | 汤森路透咨询师 马楠 |
| **在线注册** | https://thomsonreuters.webex.com.cn/thomsonreuters/onstage/g.php?t=a&d=514337565 |
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## 主讲教师简介

**马　楠**

2008年2月加入汤森路透，现任汤森路透咨询服务部咨询师。2007年获北京航空航天大学管理学博士学位，曾经参与国家自然科学基金项目《信息科学部基础性研究的创新性评价与激励机制研究》和《我国原始创新能力的测度研究与国际比较》，并在SCI检索的国际学术期刊上发表学术论文6篇。主要研究方向为科学计量学、科研评估与绩效分析。

**顾烨青**


# 谢谢！

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