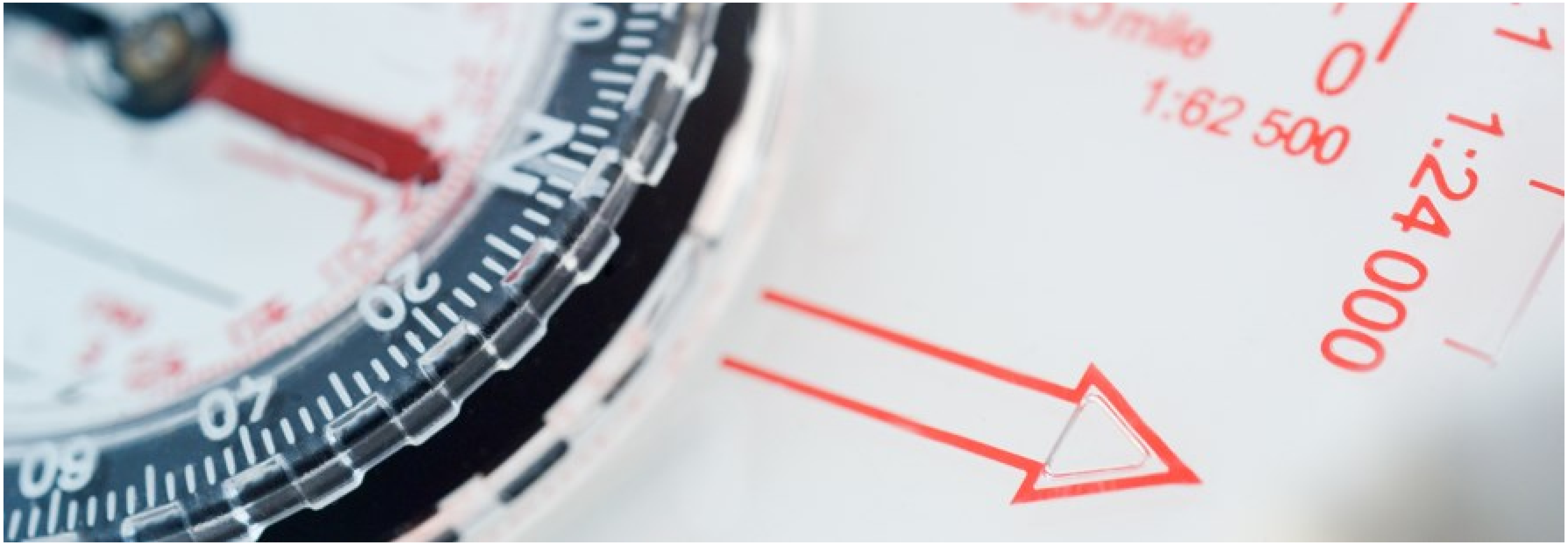

为科研管理和学科规划提供客观数据支撑

—InCites和ESI分析工具应用

马楠 博士

2014年4月

THOMSON REUTERS
汤森路透

机构发展战略规划和研究绩效分析的需求

- 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；
- 展示研究实力并激励高水平研究成果
  - 展示研究实力
  - 以ROI衡量机构运作效率并争取更多的研究资源
- 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

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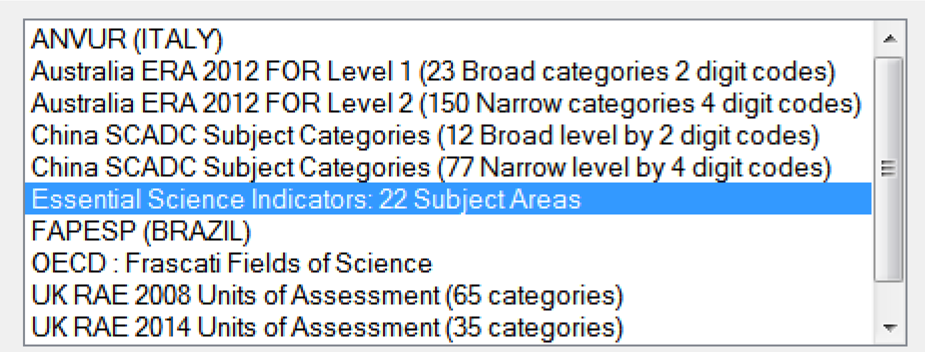
计量方法

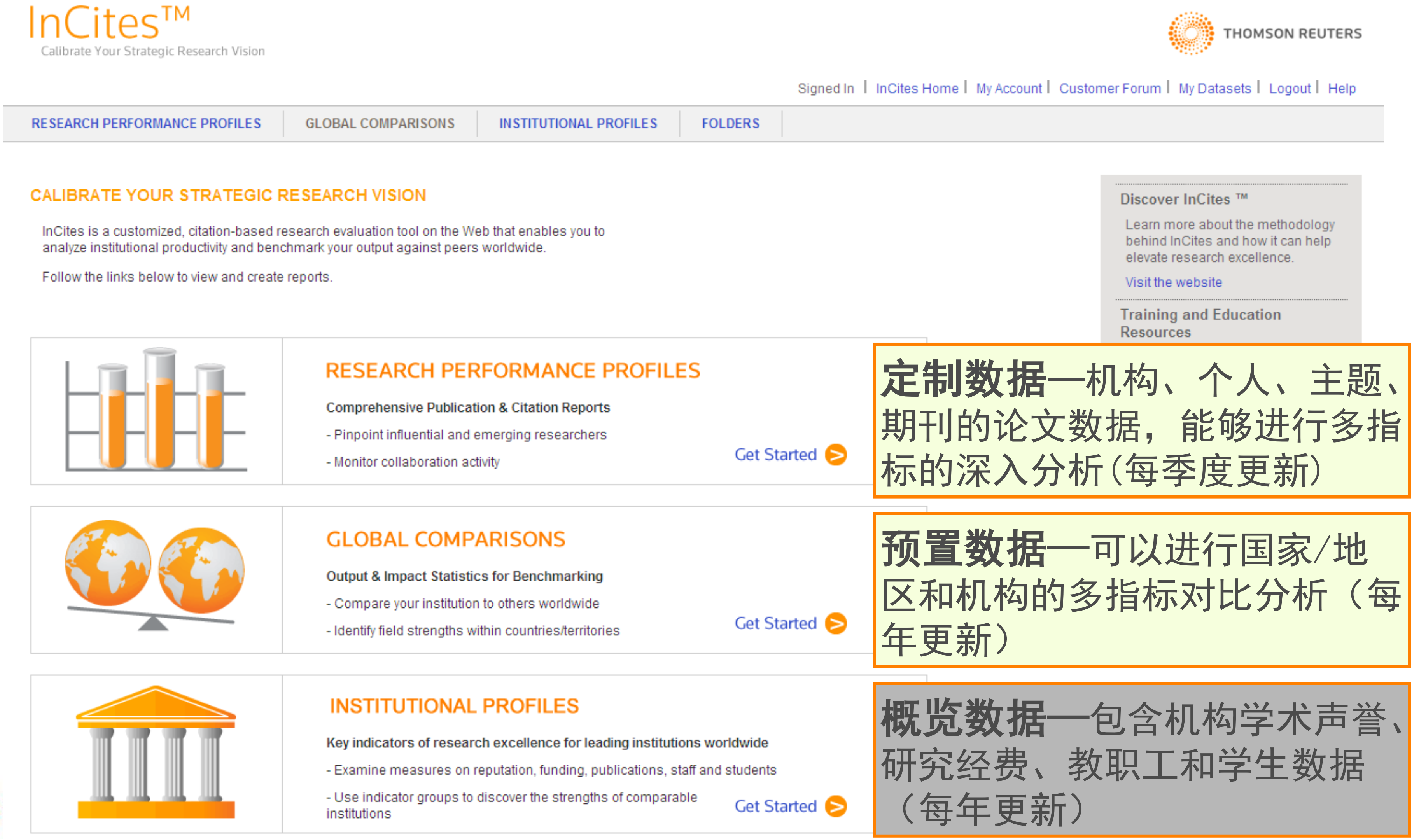
InCites中预置的8种学科划分方法

- 意大利：ANVUR
- 澳大利亚：ERA 2012
- 中国：SCADC
- 巴西：FAPESP
- OECD：Frascati
- 英国：RAE 2008、2014
- ESI
- Web of Science



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)

InCites的构成
http://incites.isiknowledge.com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- Compare your institution to others worldwide
- Identify field strengths within countries/territories

Get Started

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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

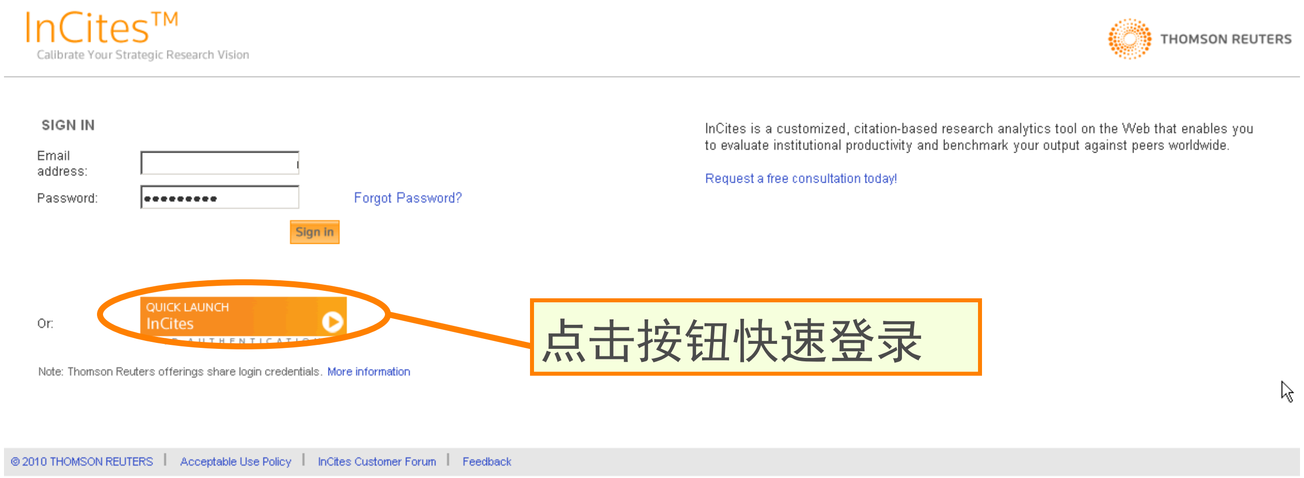
Get Started

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)

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）

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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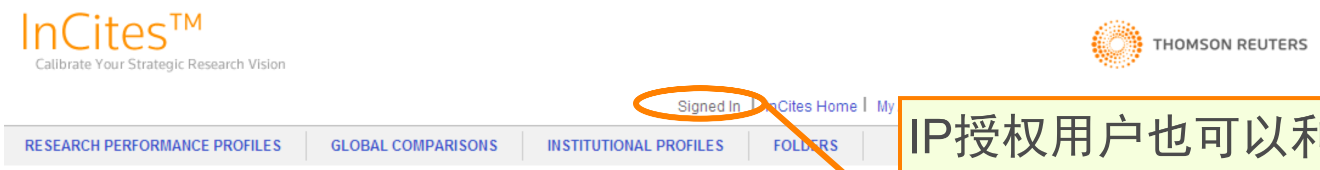
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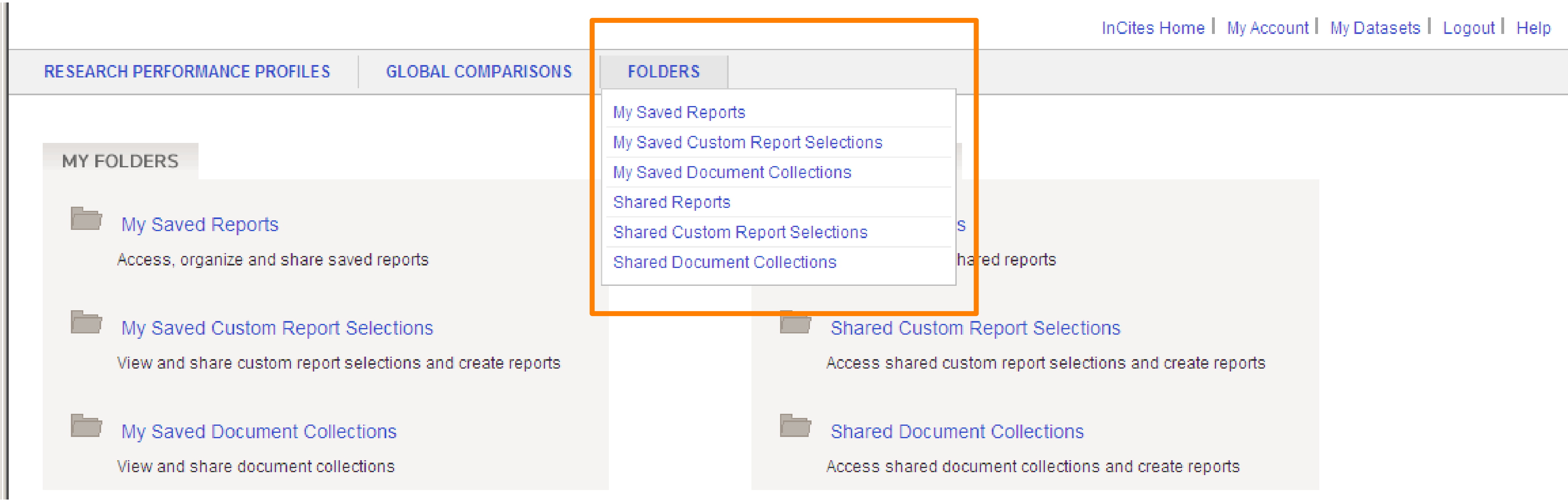
个性化服务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Access shared custom report selections and create reports

Shared Document Collections

Access shared document collections and create reports

- 保存个人定制化报告并与其它用户共享
- 导出报告到PDF或Excel文件

Essential Science Indicators—全球学术成果定量评价基准

- 来自于 Web of Science 的10年滚动数据，基于22个学科；
- 总影响力（总引用次数）进入全球前1%的科学家、研究机构（或大学）排名；进入全球前50%的国家（或地区）及学术期刊排名
- 高被引论文、热点论文和研究前沿分析

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计量方法

ESSENTIAL SCIENCE INDICATORS

- 来自于 Web of Science 的10年的滚动数据

（最新更新为2013年11月1日，囊括10年8个月的数据，即2003年1月1日～2013年8月30日）

  - 发表在11,000多种期刊上的10,000,000个条目
  - 每一种期刊都被按照22个学科进行了分类标引
  - 对跨学科的60多种期刊中的每篇文献进行重新分类
  - 机构名称规范化
  - 文献类型包括：articles, review, notes.

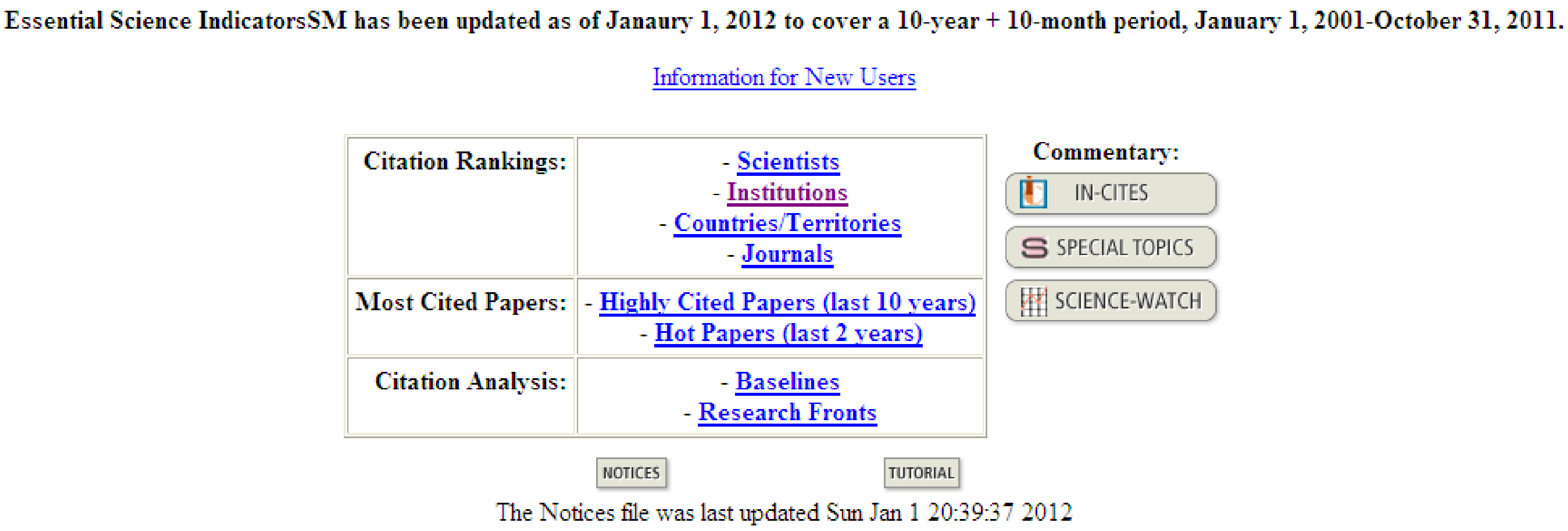
22个ESI 学科

- Agricultural Science
- Biology & Biochemistry
- Chemistry
- Clinical Medicine
- Computer Science
- Economics & Business
- Engineering
- Environment/ Ecology
- Geosciences
- Immunology
- Materials Science
- Mathematics
- Microbiology
- Molecular Biology & Genetics
- Multidisciplinary
- Neuroscience & Behavior
- Pharmacology
- Physics
- Plant & Animal Science
- Psychiatry/Psychology
- Social Sciences--general
- Space Science

* Approximately 98% of articles published in *Nature*, *Science* and the *Proceedings of the National Academy of Sciences*, are reallocated into one of the other 21 disciplines based on their citation information

Essential Science Indicators的构成

1. 引用排名
   - 机构, 科学家, 国家, 期刊
2. 被引频次较高的论文
   - 高被引论文 (过去 10 年)
   - 热点论文 (过去2 年)
3. 引文分析
   - 全球22个学科领域的基准数据
   - 研究前沿


Commentary:
IN-CITES
SPECIAL TOPICS
SCIENCE-WATCH
NOTICES
TUTORIAL

Essential Science IndicatorsSM has been updated as of Janaury 1, 2012 to cover a 10-year + 10-month period, January 1, 2001-October 31, 2011.

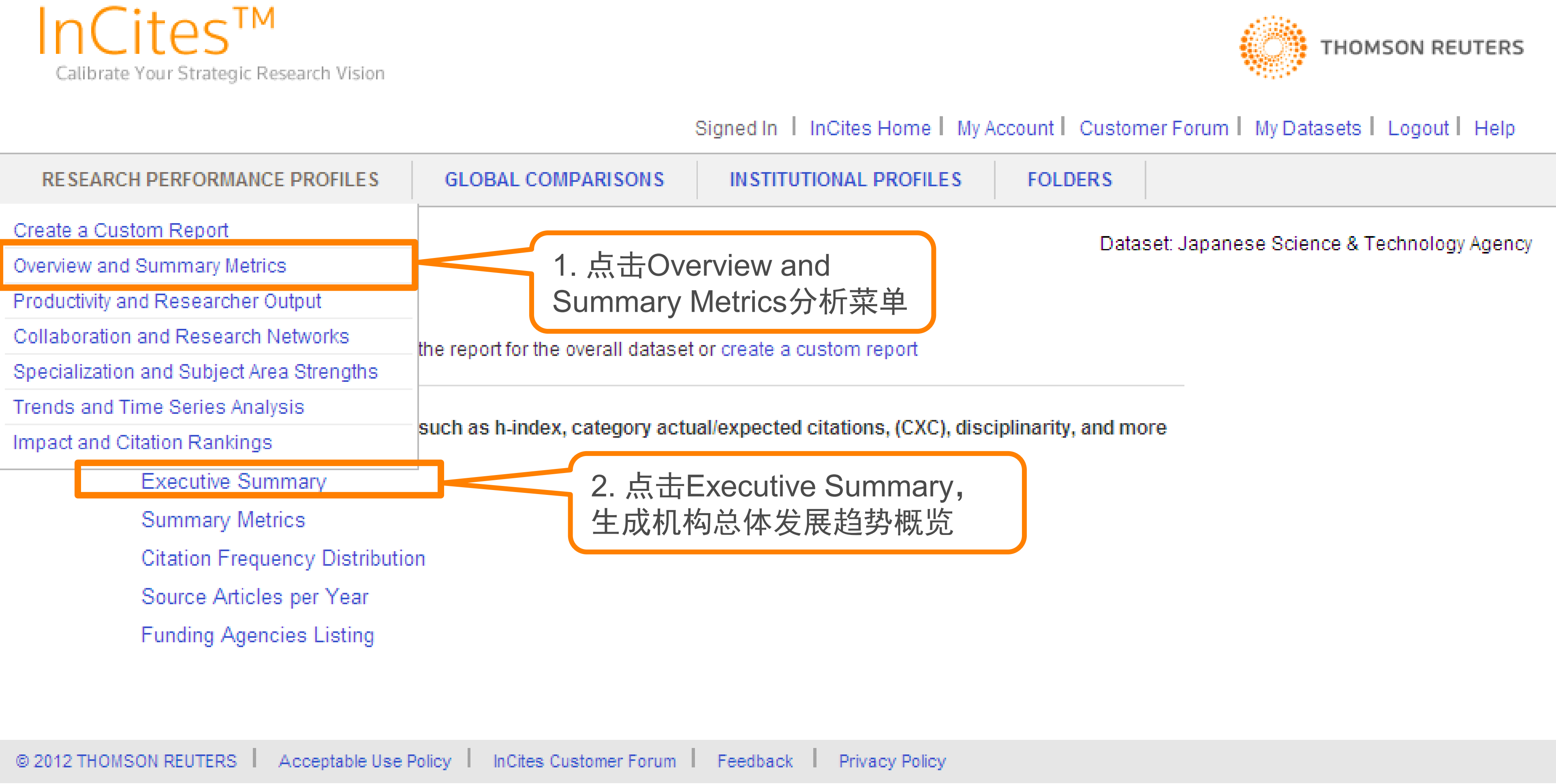
Information for New Users

Citation Rankings:	- Scientists - Institutions - Countries/Territories - Journals
Most Cited Papers:	- Highly Cited Papers (last 10 years) - Hot Papers (last 2 years)
Citation Analysis:	- Baselines - Research Fronts

The Notices file was last updated Sun Jan 1 20:39:37 2012

如何全面了解并跟踪机构总体研究绩效

Attendance Manager
Performance Evaluation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Trends and Time Series Analysis
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Source Articles per Year
Funding Agencies Listing
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Dataset: Japanese Science & Technology Agency

the report for the overall dataset or create a custom report

such as h-index, category actual/expected citations, (CXC), disciplinarity, and more

1. 点击Overview and Summary Metrics分析菜单

2. 点击Executive Summary，生成机构总体发展趋势概览

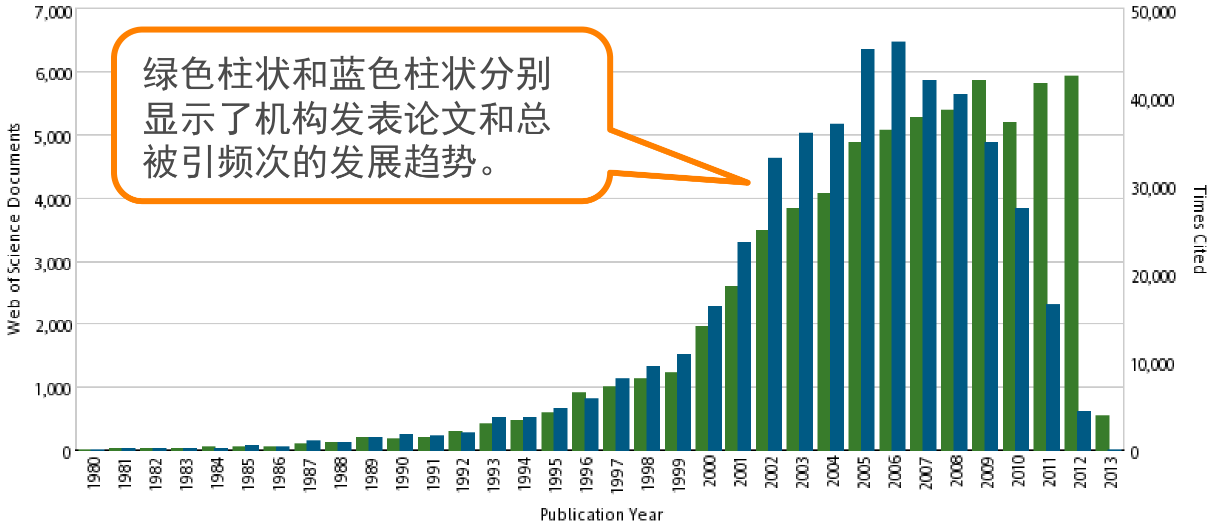
EXECUTIVE SUMMARY

Viewing Dataset: University: Address Search Dataset

The Executive Summary provides a synopsis of the InCites dataset. The graph displays the publications and the citations by year while the tables highlight the most frequently occurring authors and subject areas.
This dataset contains 66,887 source articles from 40,481 authors published between 1980 and 2013. This dataset also contains 304,555 articles that have cited the 66,887 source articles in this dataset.
Reports on the citing articles show the impact of an institution's publications on scholarly work in their fields.
InCites reports enable further analysis of the data including institutional and country collaborations and provide metrics such as h-index and expected citation count.

About the Data
The reports are based on an analysis of journal articles and proceedings indexed in the Web of Science. The analysis covers 30 years and all fields of science.

Unique Authors	40,481
Average Authors per Document	6.46
Unique Institutions	6,508
Average Institutions per Document	1.97



绿色柱状和蓝色柱状分别显示了机构发表论文和总被引频次的发展趋势。

对高产作者、高被引作者和高产学科的快捷显示

Top Producing Authors

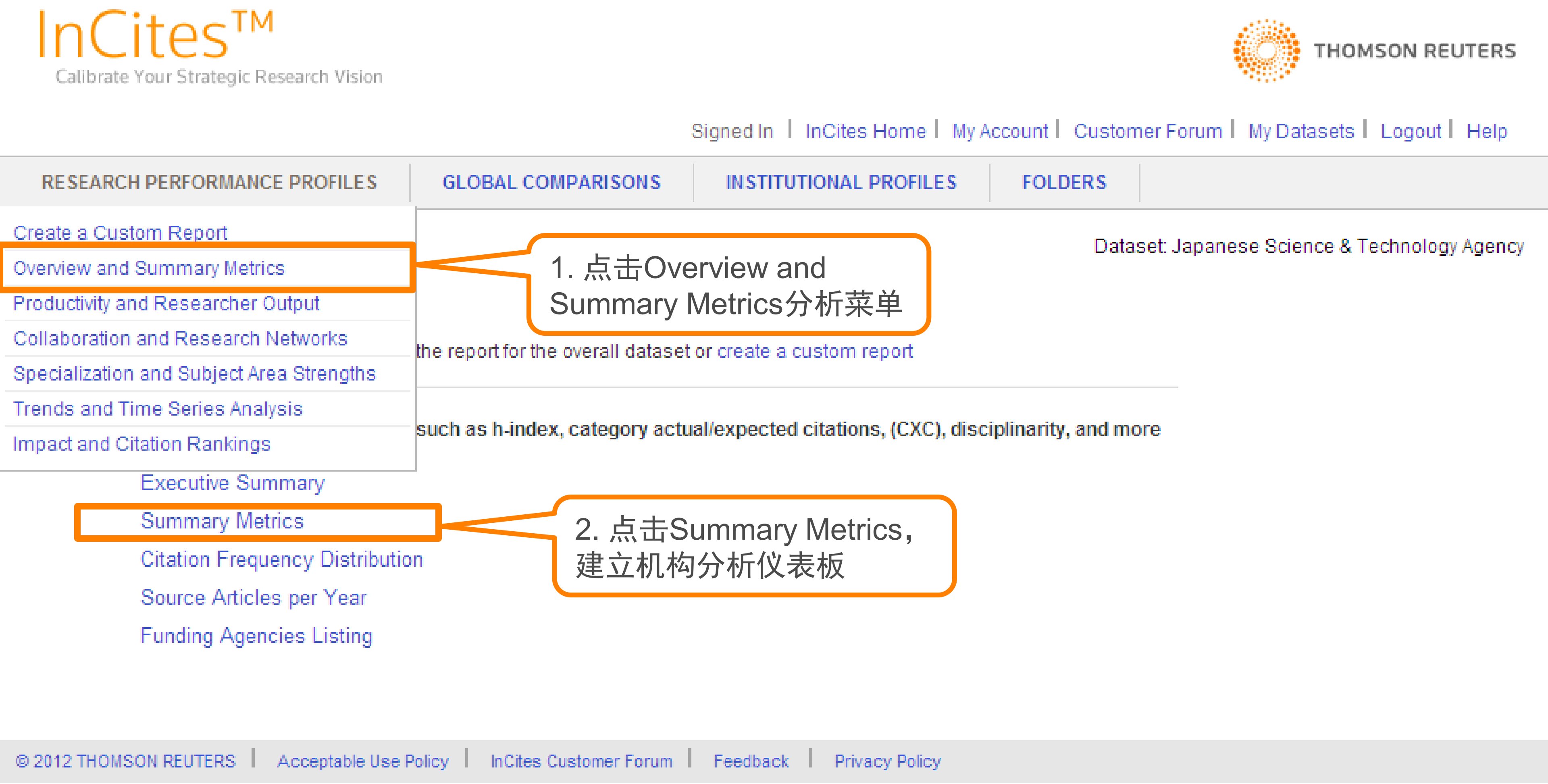
WANG, Y	1,014
ZHANG, Y	988
ZHANG, L	915
WANG, J	914
LI, Y	901
LIU, Y	775
WANG, L	753
LI, LT	748
LI, J	726
ZHANG, J	701

Most Cited Authors

LI, YD	20,400
WANG, Y	13,445
WANG, X	11,814
WU, J	11,035
LI, Y	10,917
ZHANG, Y	10,758
LIU, F	10,351
LI, C	10,147
ZHANG, ZP	9,264
LI, JH	9,257

Most Active Subject Areas

ENGINEERING, ELECTRICAL & ELECTRONIC	10,849
MATERIALS SCIENCE, MULTIDISCIPLINARY	8,472
PHYSICS, APPLIED	5,658
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	3,784
OPTICS	3,764
TELECOMMUNICATIONS	3,730
CHEMISTRY, PHYSICAL	3,551
CHEMISTRY, MULTIDISCIPLINARY	2,993
COMPUTER SCIENCE, THEORY & METHODS	2,941
PHYSICS, CONDENSED MATTER	2,929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Dataset: Japanese Science & Technology Agency

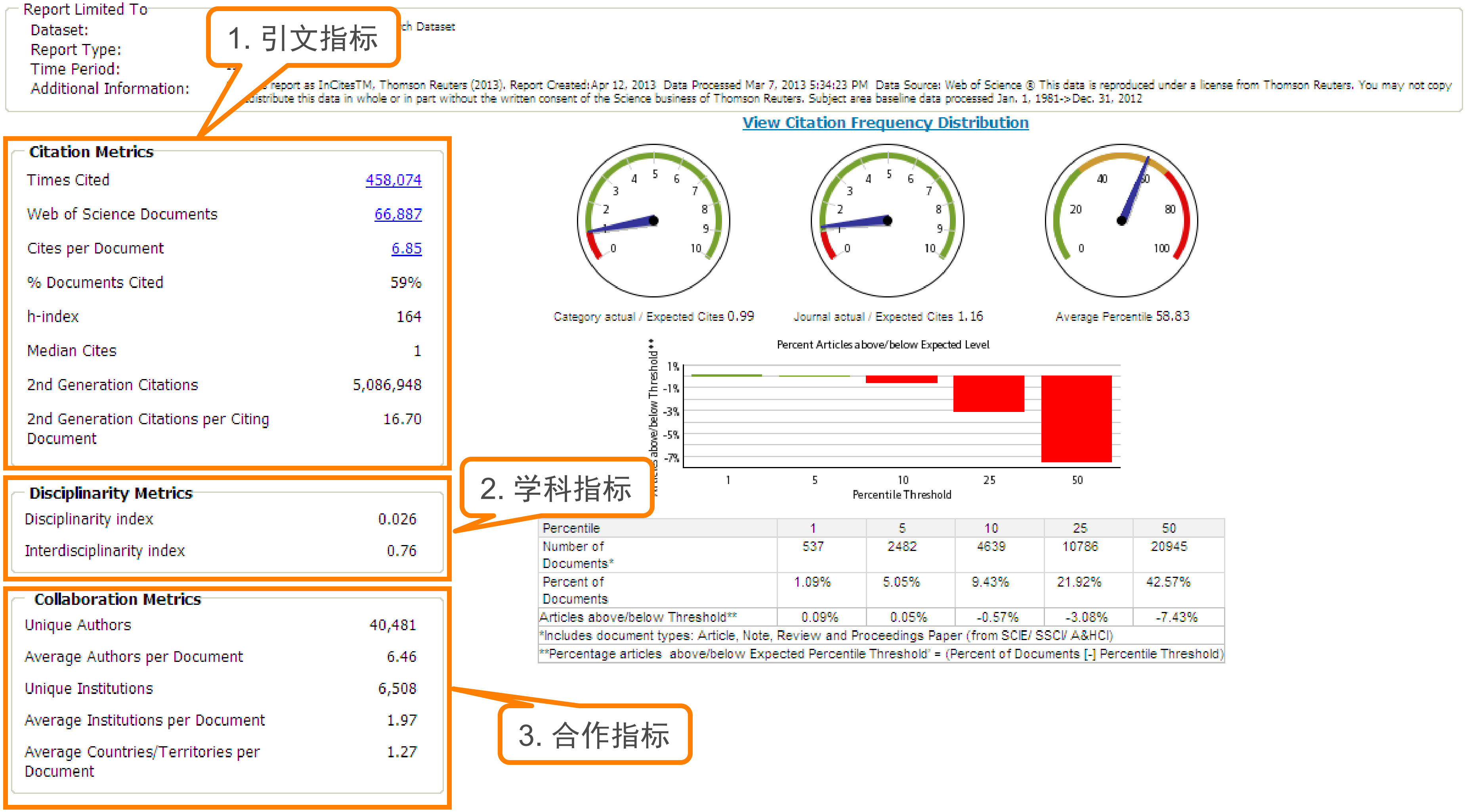
the report for the overall dataset or create a custom report

such as h-index, category actual/expected citations, (CXC), disciplinarity, and more

1. 点击Overview and Summary Metrics分析菜单

2. 点击Summary Metrics，建立机构分析仪表板

SUMMARY METRICS



Report Limited To
Dataset: ch Dataset
Report Type:
Time Period: --
Additional Information: report as InCitesTM, Thomson Reuters (2013). Report Created:Apr 12, 2013 Data Processed Mar 7, 2013 5:34:23 PM Data Source: Web of Science ® This data is reproduced under a license from Thomson Reuters. You may not copy distribute 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, 2012

1. 引文指标

Citation Metrics

Times Cited	458,074
Web of Science Documents	66,887
Cites per Document	6.85
% Documents Cited	59%
h-index	164
Median Cites	1
2nd Generation Citations	5,086,948
2nd Generation Citations per Citing Document	16.70

View Citation Frequency Distribution

Category actual / Expected Cites 0.99

Journal actual / Expected Cites 1.16

Average Percentile 58.83

Percent Articles above/below Expected Level

2. 学科指标

Disciplinarity Metrics

Disciplinarity index	0.026
Interdisciplinarity index	0.76

Percentile	1	5	10	25	50
Number of Documents*	537	2482	4639	10786	20945
Percent of Documents	1.09%	5.05%	9.43%	21.92%	42.57%
Articles above/below Threshold**	0.09%	0.05%	-0.57%	-3.08%	-7.43%

*Includes document types: Article, Note, Review and Proceedings Paper (from SCIE/ SSCI/ A&HCI)

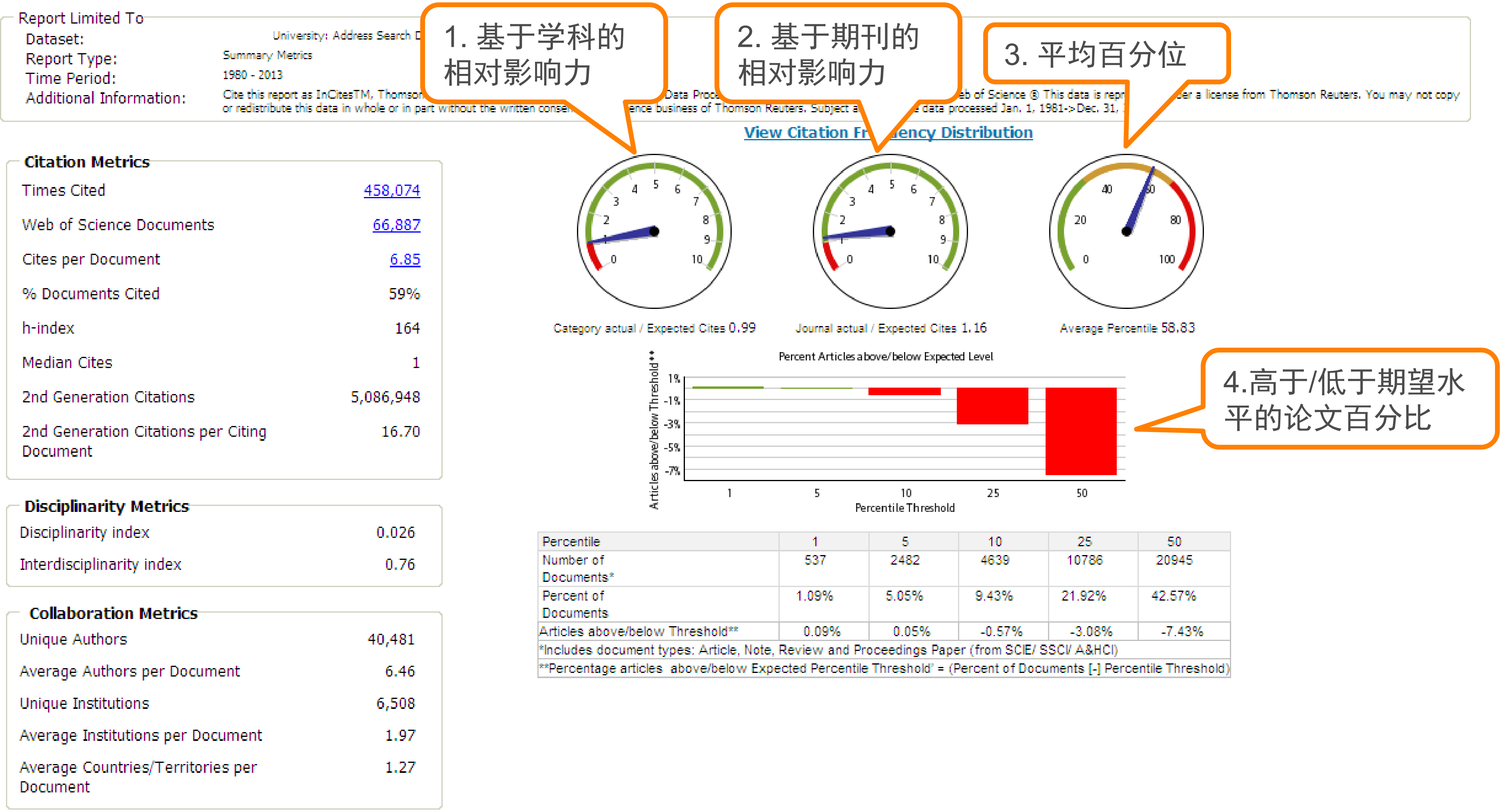
**Percentage articles above/below Expected Percentile Threshold' = (Percent of Documents [-] Percentile Threshold)

Collaboration Metrics

Unique Authors	40,481
Average Authors per Document	6.46
Unique Institutions	6,508
Average Institutions per Document	1.97
Average Countries/Territories per Document	1.27

3. 合作指标

SUMMARY METRICS



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Dataset: University: Address Search D

Report Type: Summary Metrics

Time Period: 1980 - 2013

Additional Information: Cite this report as InCitesTM, Thomson … Data Proc… …eb of Science ® This data is repr… …der a license from Thomson Reuters. You may not copy or redistribute this data in whole or in part without the written conse… …ence business of Thomson Reuters. Subject a… …e data processed Jan. 1, 1981->Dec. 31, …

1. 基于学科的相对影响力

2. 基于期刊的相对影响力

3. 平均百分位

4.高于/低于期望水平的论文百分比

View Citation Fr…ency Distribution

Citation Metrics

Times Cited	458,074
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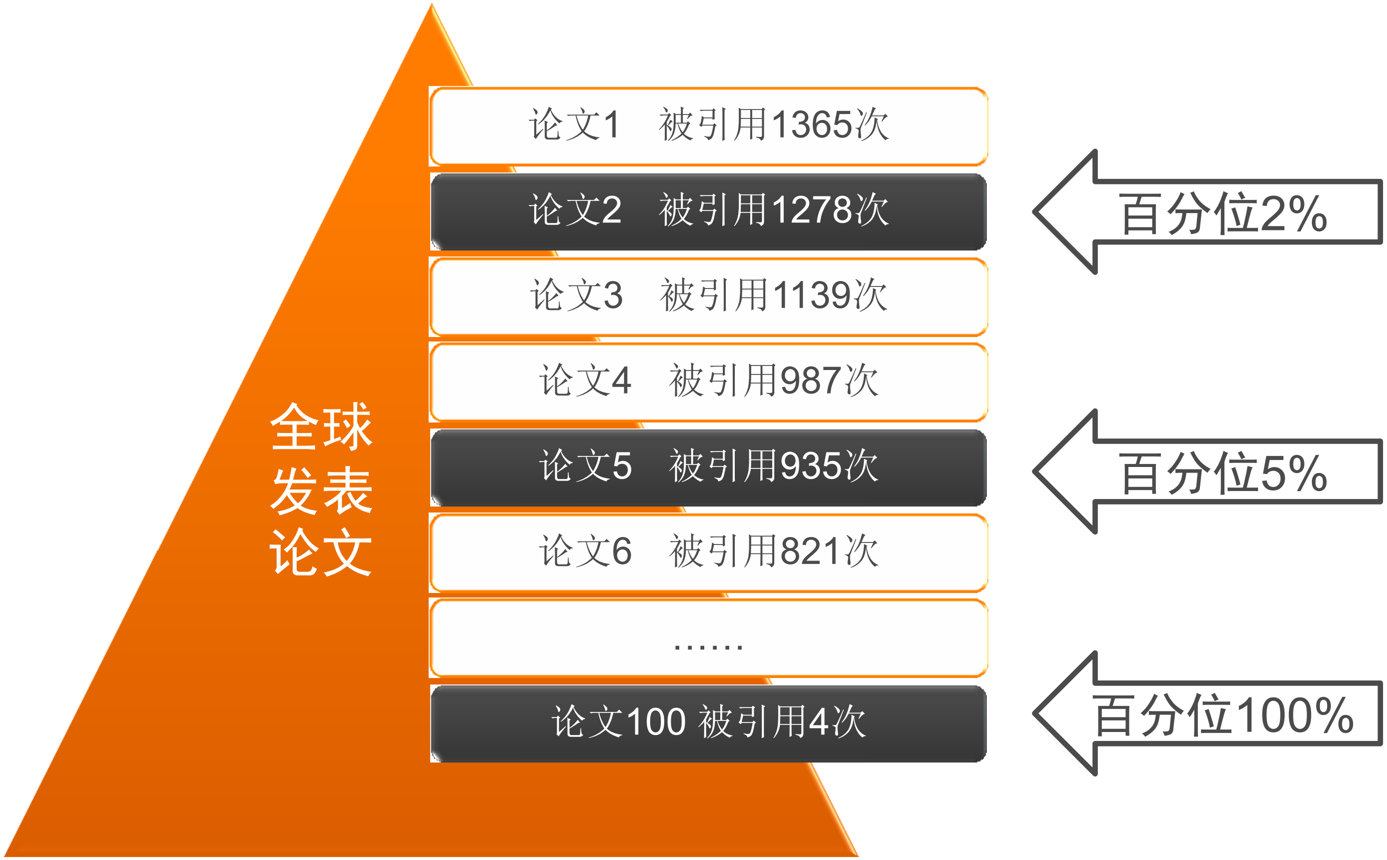
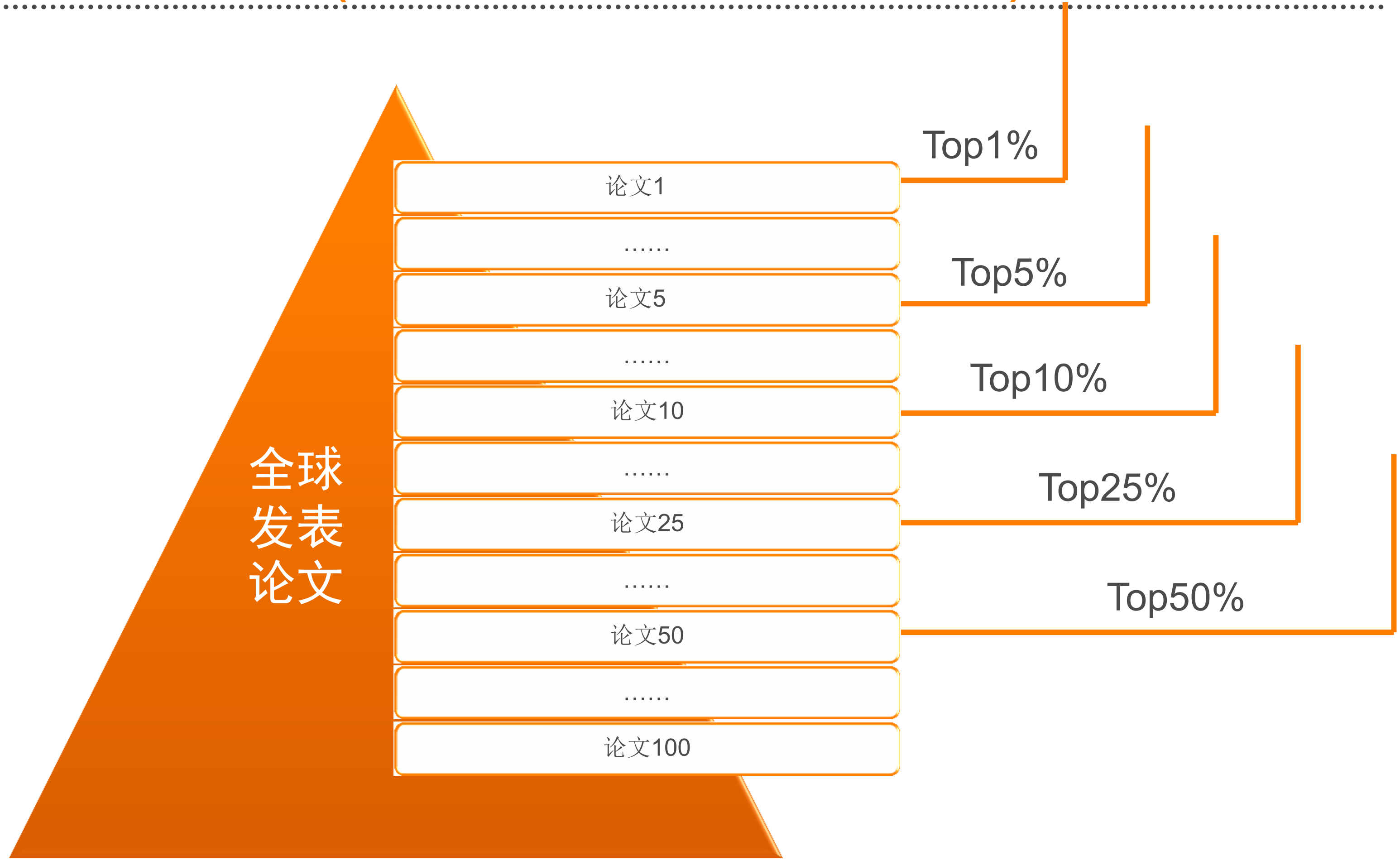
**Percentage articles above/below Expected Percentile Threshold' = (Percent of Documents [-] Percentile Threshold)

平均百分位(Average Percentile)—示意


全球
发表
论文
论文1　被引用1365次
论文2　被引用1278次
论文3　被引用1139次
论文4　被引用987次
论文5　被引用935次
论文6　被引用821次
……
论文100 被引用4次
百分位2%
百分位5%
百分位100%

百分位分布(Percentile Distribution)—示意



全球发表论文

论文1

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论文5

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论文10

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论文25

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论文50

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论文100

Top1%

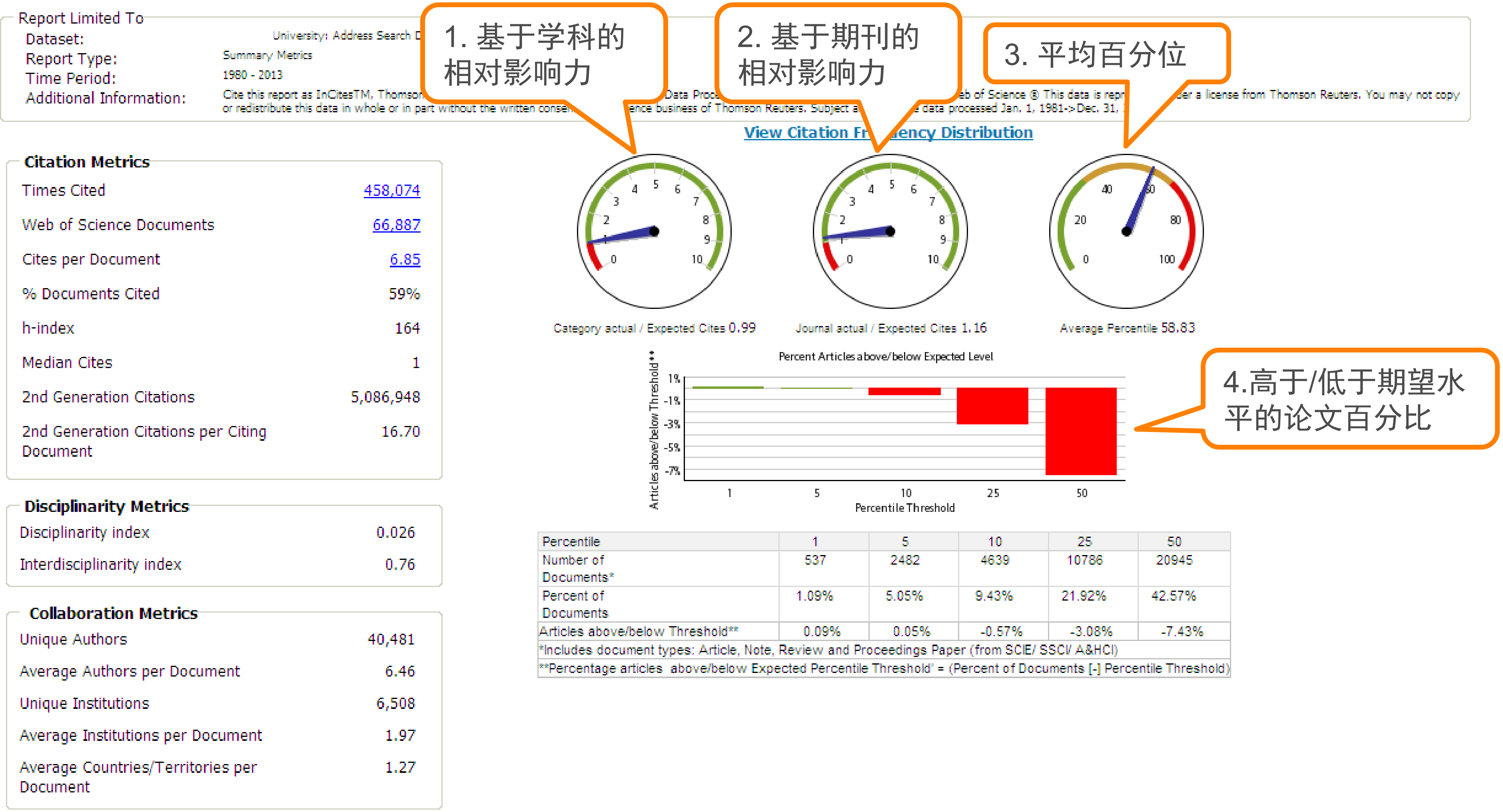
Top5%

Top10%

Top25%

Top50%

SUMMARY METRICS



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Dataset: University: Address Search D
Report Type: Summary Metrics
Time Period: 1980 - 2013
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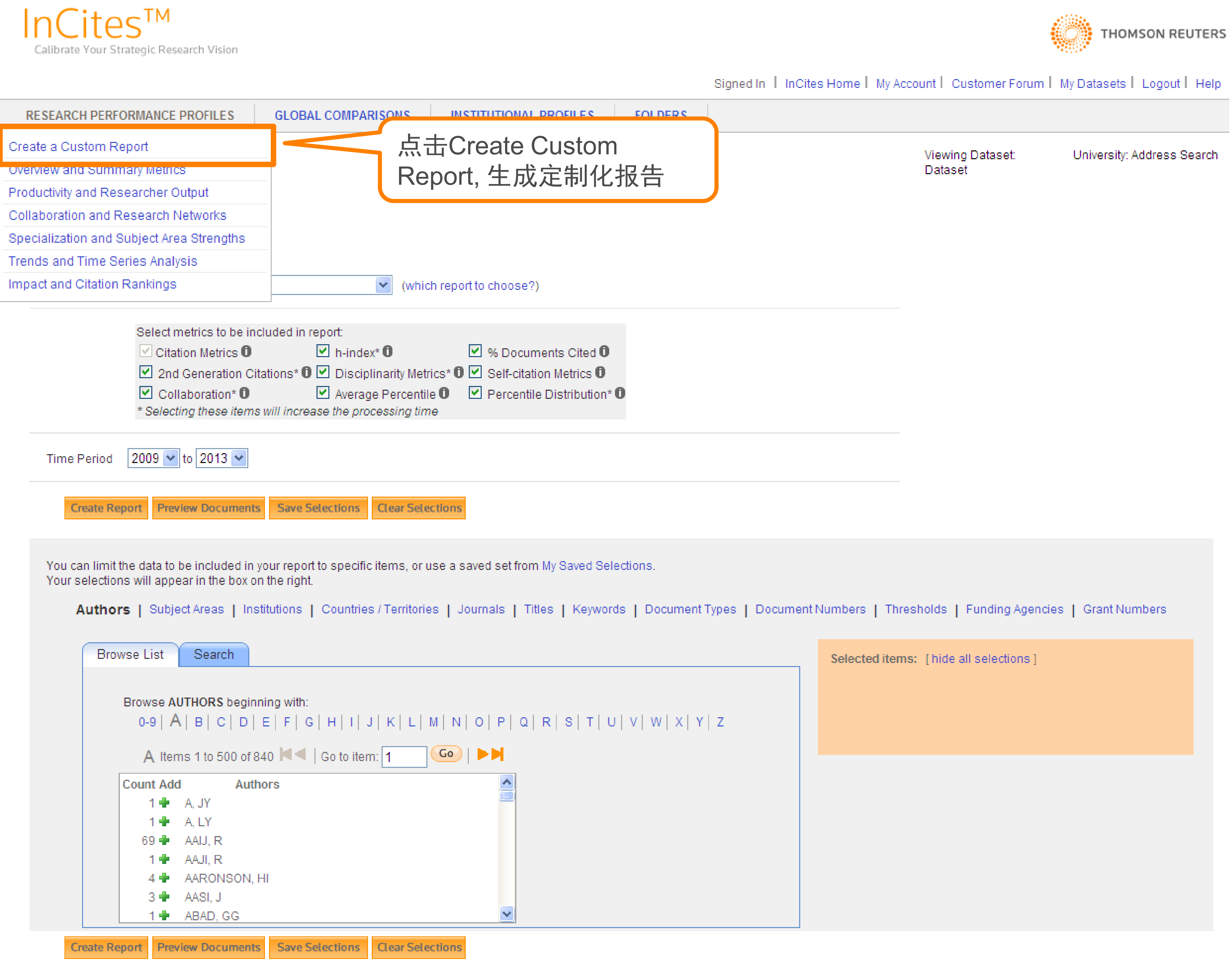
2. 基于期刊的相对影响力

3. 平均百分位

4.高于/低于期望水平的论文百分比



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- Trends and Time Series Analysis
- Impact and Citation Rankings

Viewing Dataset: Dataset
University: Address Search

(which report to choose?)

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*

** Selecting these items will increase the processing time*

Time Period 2009 to 2013

Create Report | Preview Documents | Save Selections | Clear Selections

You can limit the data to be included in your report to specific items, or use a saved set from My Saved Selections.
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 **AUTHORS** beginning with:

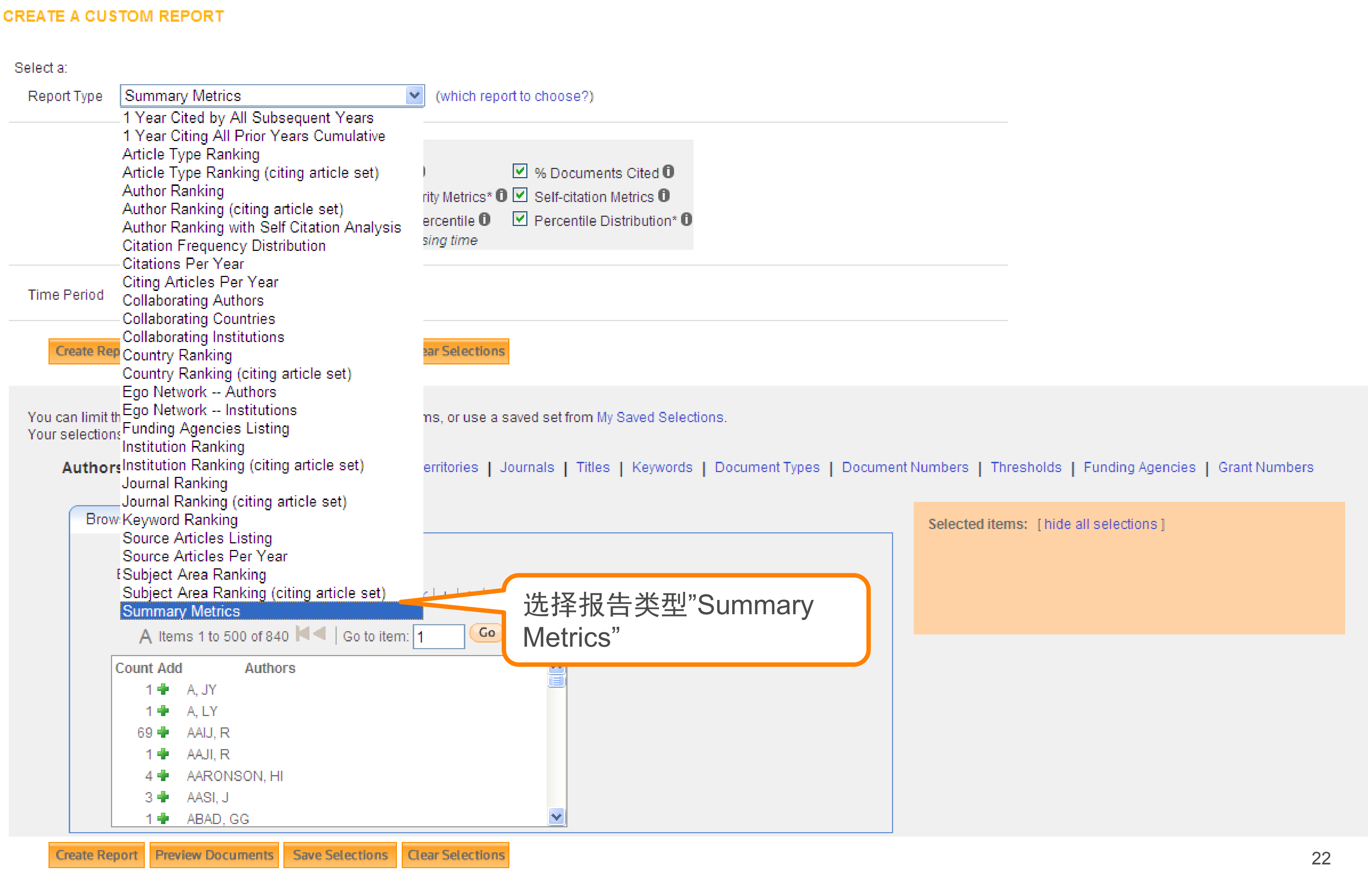
0-9 | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

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

Count	Add	Authors
1	✚	A, JY
1	✚	A, LY
69	✚	AALJ, R
1	✚	AAJI, R
4	✚	AARONSON, HI
3	✚	AASI, J
1	✚	ABAD, GG

Selected items: [hide all selections]

Create Report | Preview Documents | Save Selections | Clear Selections



CREATE A CUSTOM REPORT

Select a:

Report Type: Summary Metrics (which report to choose?)

1 Year Cited by All Subsequent Years
1 Year Citing All Prior Years Cumulative
Article Type Ranking
Article Type Ranking (citing article set)
Author Ranking
Author Ranking (citing article set)
Author Ranking with Self Citation Analysis
Citation Frequency Distribution
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

☑ % Documents Cited
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ercentile ☑ Percentile Distribution*
sing time

Time Period

Create Rep
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You can limit th… ns, or use a saved set from My Saved Selections.
Your selections

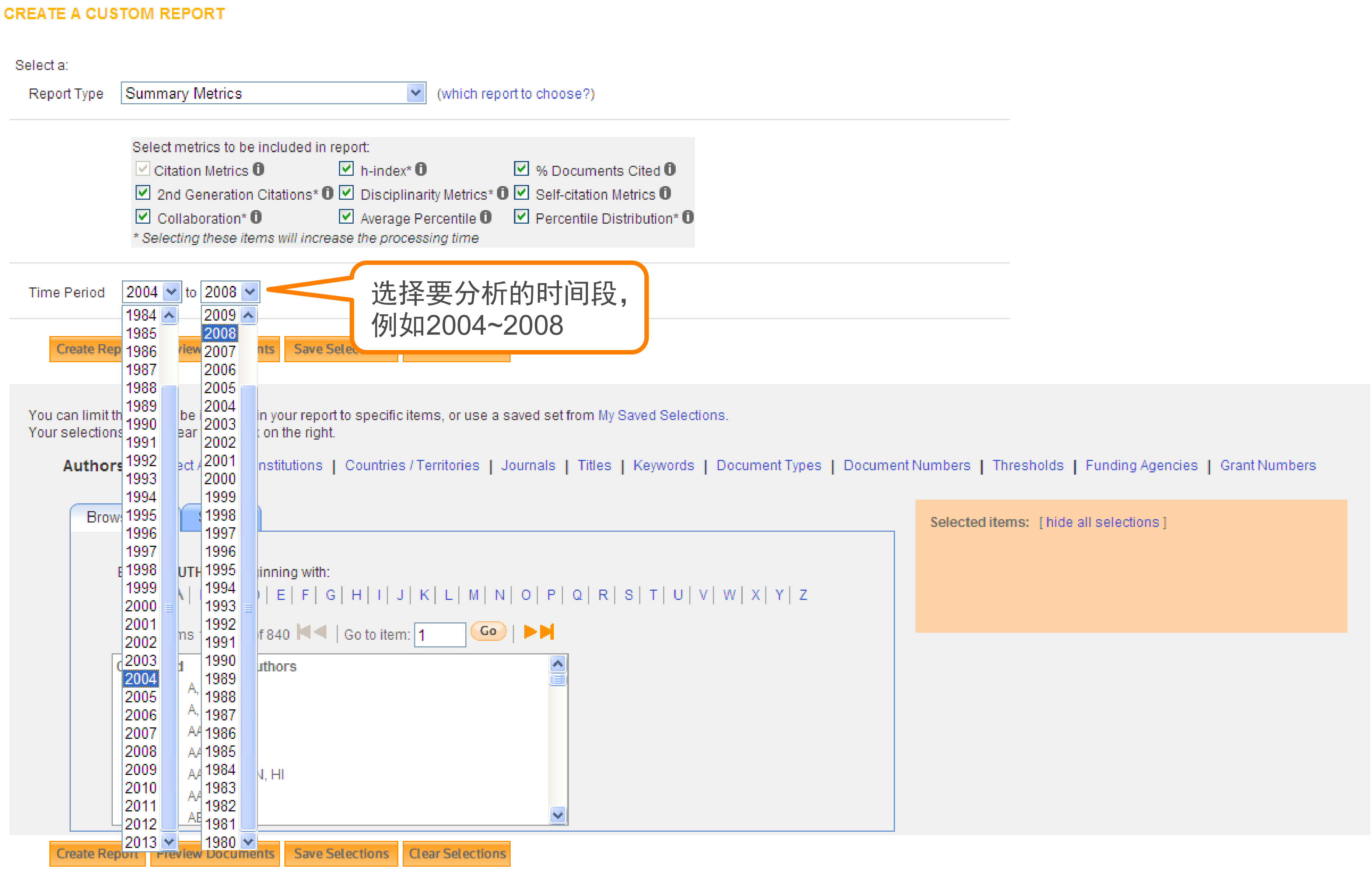
Authors | …erritories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Brow
Items 1 to 500 of 840
Go to item: 1
Go

Selected items: [hide all selections]

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

Create Report
Preview Documents
Save Selections
Clear Selections

选择报告类型”Summary Metrics”



CREATE A CUSTOM REPORT

Select a:

Report Type: Summary Metrics

(which report to choose?)

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*

** Selecting these items will increase the processing time*

Time Period: 2004 to 2008

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选择要分析的时间段，例如2004~2008

You can limit th be in your report to specific items, or use a saved set from My Saved Selections.
Your selections ear on the right.

Authors
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nstitutions | Countries / Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Brow
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E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z
ns
f 840
Go to item: 1
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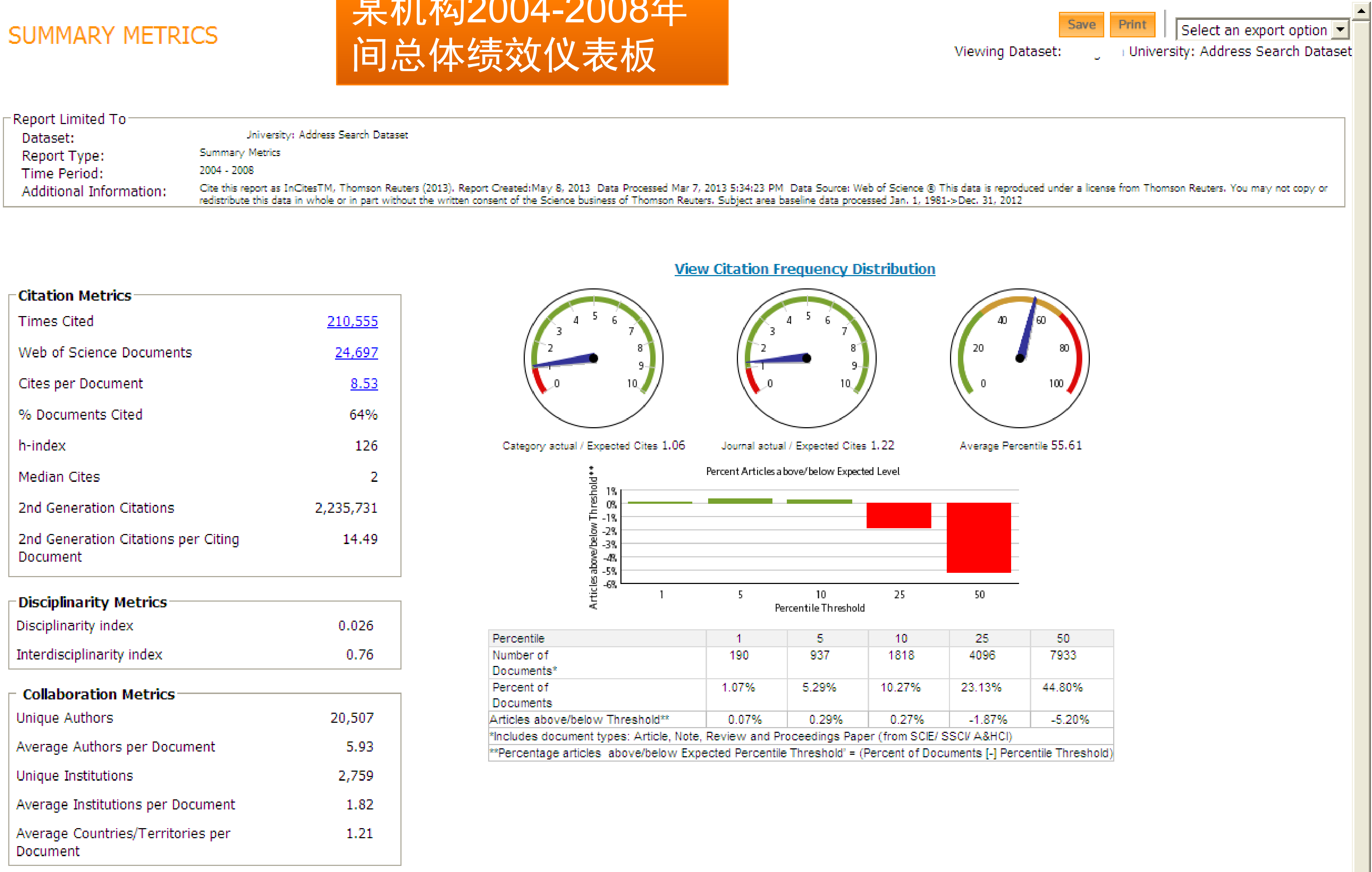
Selected items: [hide all selections]
Create Report
Preview Documents
Save Selections
Clear Selections

THOMSON REUTERS
汤森路透

某机构2004-2008年间总体绩效仪表板



SUMMARY METRICS

Viewing Dataset: University: Address Search Dataset

Report Limited To
Dataset: Jniversity: Address Search Dataset
Report Type: Summary Metrics
Time Period: 2004 - 2008
Additional Information: Cite this report as InCitesTM, Thomson Reuters (2013). Report Created:May 8, 2013 Data Processed Mar 7, 2013 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, 2012

Citation Metrics

Times Cited	210,555
Web of Science Documents	24,697
Cites per Document	8.53
% Documents Cited	64%
h-index	126
Median Cites	2
2nd Generation Citations	2,235,731
2nd Generation Citations per Citing Document	14.49

Disciplinarity Metrics

Disciplinarity index	0.026
Interdisciplinarity index	0.76

Collaboration Metrics

Unique Authors	20,507
Average Authors per Document	5.93
Unique Institutions	2,759
Average Institutions per Document	1.82
Average Countries/Territories per Document	1.21

View Citation Frequency Distribution

Category actual / Expected Cites 1.06

Journal actual / Expected Cites 1.22

Average Percentile 55.61

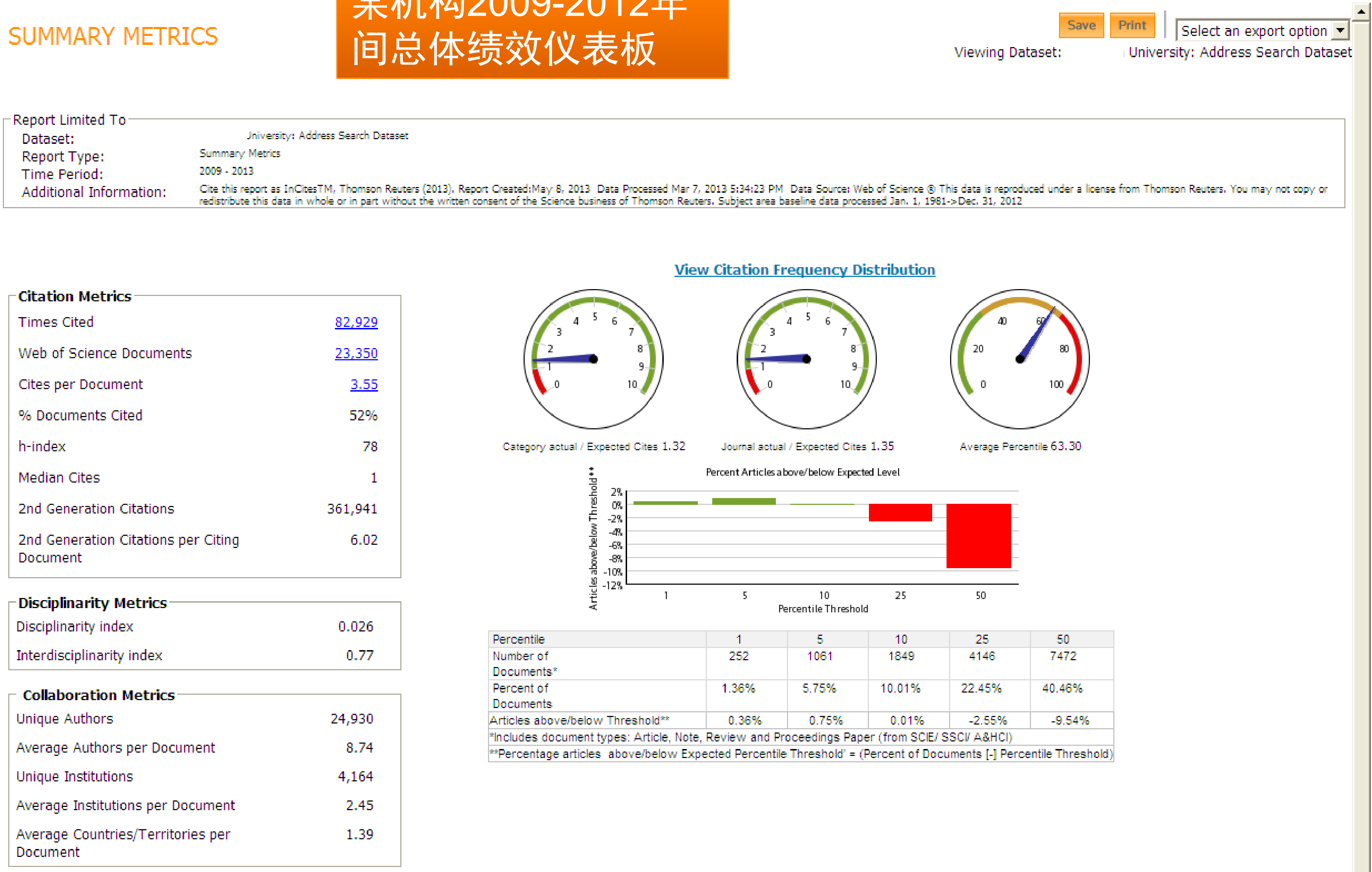
Percent Articles above/below Expected Level

Percentile	1	5	10	25	50
Number of Documents*	190	937	1818	4096	7933
Percent of Documents	1.07%	5.29%	10.27%	23.13%	44.80%
Articles above/below Threshold**	0.07%	0.29%	0.27%	-1.87%	-5.20%

*Includes document types: Article, Note, Review and Proceedings Paper (from SCIE/ SSCI/ A&HCI)

**Percentage articles above/below Expected Percentile Threshold' = (Percent of Documents [-] Percentile Threshold)

某机构2009-2012年间总体绩效仪表板



SUMMARY METRICS

Viewing Dataset: University: Address Search Dataset

Report Limited To

Dataset:	Jniversity: Address Search Dataset
Report Type:	Summary Metrics
Time Period:	2009 - 2013
Additional Information:	Cite this report as InCitesTM, Thomson Reuters (2013). Report Created:May 8, 2013 Data Processed Mar 7, 2013 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, 2012

Citation Metrics

Times Cited	82,929
Web of Science Documents	23,350
Cites per Document	3.55
% Documents Cited	52%
h-index	78
Median Cites	1
2nd Generation Citations	361,941
2nd Generation Citations per Citing Document	6.02

Disciplinarity Metrics

Disciplinarity index	0.026
Interdisciplinarity index	0.77

Collaboration Metrics

Unique Authors	24,930
Average Authors per Document	8.74
Unique Institutions	4,164
Average Institutions per Document	2.45
Average Countries/Territories per Document	1.39

View Citation Frequency Distribution

Category actual / Expected Cites 1.32

Journal actual / Expected Cites 1.35

Average Percentile 63.30

Percent Articles above/below Expected Level

Articles above/below Threshold**

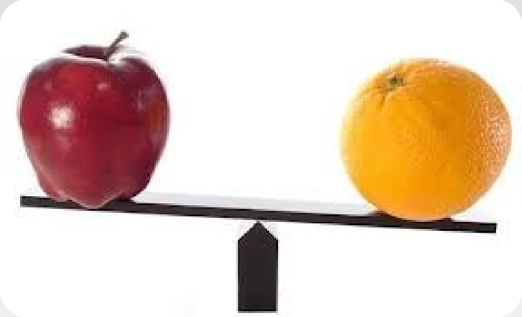
Percentile Threshold

Percentile	1	5	10	25	50
Number of Documents*	252	1061	1849	4146	7472
Percent of Documents	1.36%	5.75%	10.01%	22.45%	40.46%
Articles above/below Threshold**	0.36%	0.75%	0.01%	-2.55%	-9.54%

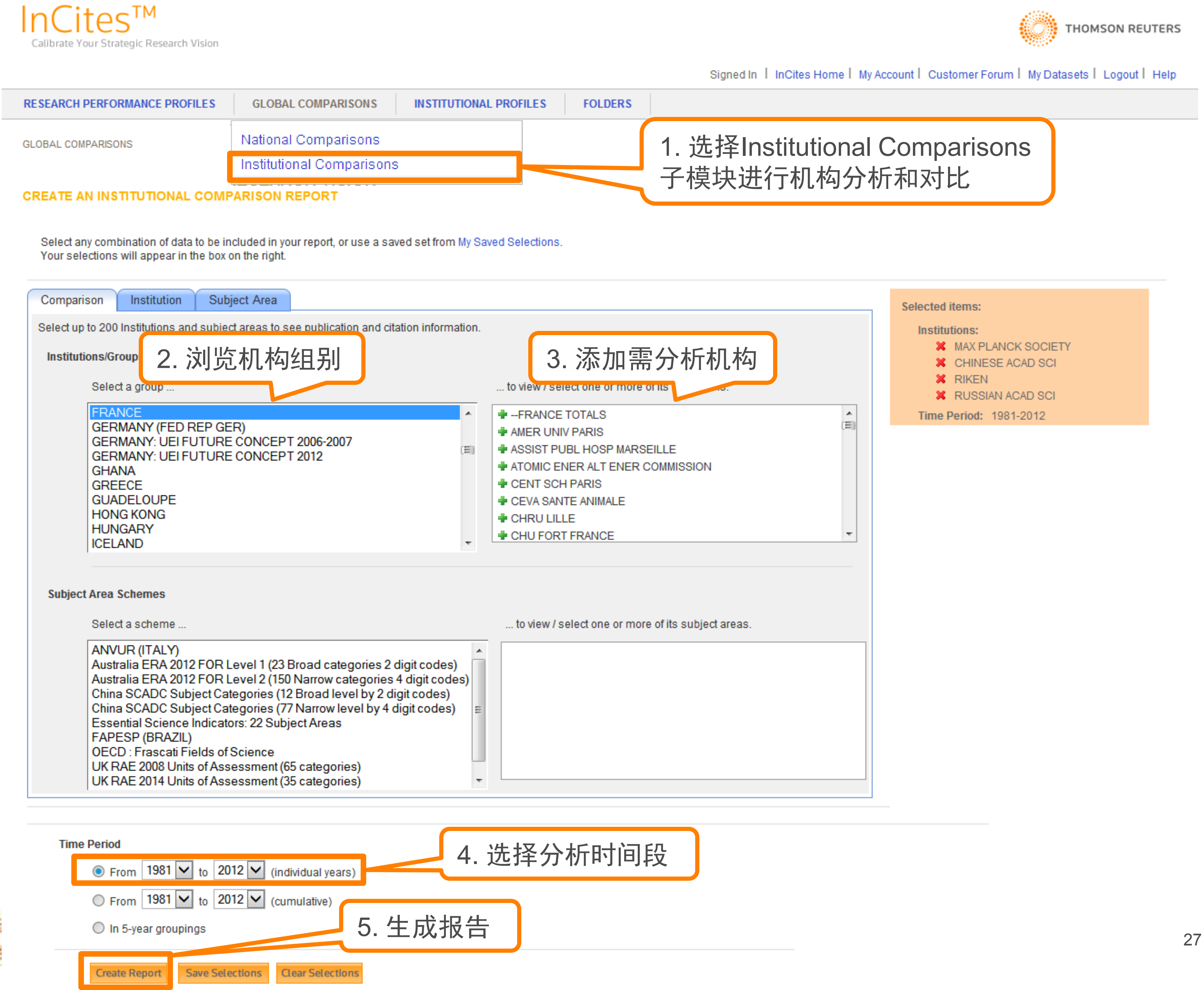
*Includes document types: Article, Note, Review and Proceedings Paper (from SCIE/ SSCI/ A&HCI)

**Percentage articles above/below Expected Percentile Threshold' = (Percent of Documents [-] Percentile Threshold)

怎样跟踪机构论文产出和影响力发展趋势，并与同类机构和基准线对比？



THOMSON REUTERS



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

2. 浏览机构组别

3. 添加需分析机构

4. 选择分析时间段

5. 生成报告

InCites™
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RESEARCH PERFORMANCE PROFILES | GLOBAL COMPARISONS | INSTITUTIONAL PROFILES | FOLDERS

GLOBAL COMPARISONS

National Comparisons
Institutional Comparisons

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 Institutions and subject areas to see publication and citation information.

Institutions/Group

Select a group ...

- FRANCE
- GERMANY (FED REP GER)
- GERMANY: UEI FUTURE CONCEPT 2006-2007
- GERMANY: UEI FUTURE CONCEPT 2012
- GHANA
- GREECE
- GUADELOUPE
- HONG KONG
- HUNGARY
- ICELAND

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

- --FRANCE TOTALS
- AMER UNIV PARIS
- ASSIST PUBL HOSP MARSEILLE
- ATOMIC ENER ALT ENER COMMISSION
- CENT SCH PARIS
- CEVA SANTE ANIMALE
- CHRU LILLE
- CHU FORT FRANCE

Subject Area Schemes

Select a scheme ...

- 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)

... to view / select one or more of its subject areas.

Selected items:

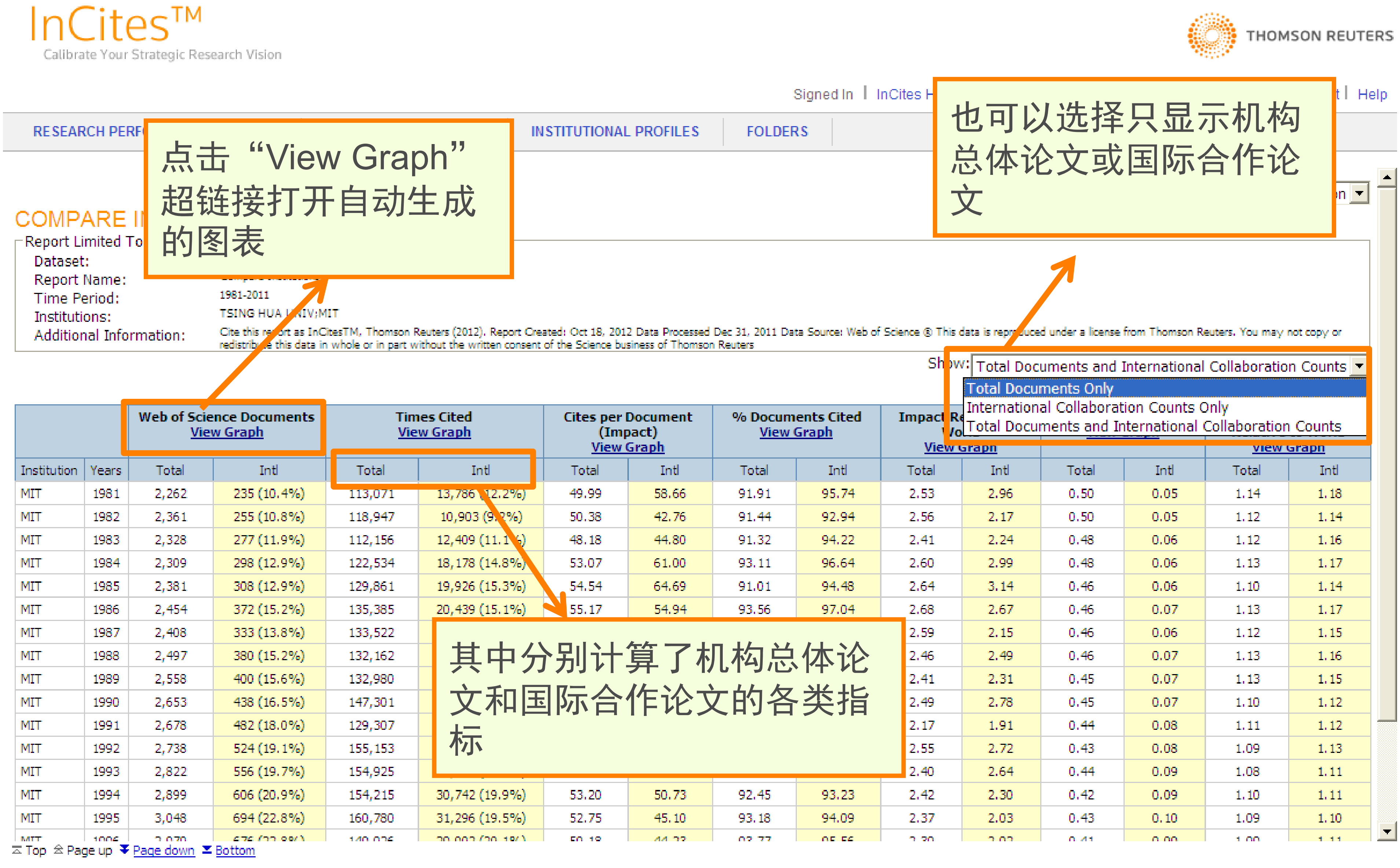
Institutions:
- MAX PLANCK SOCIETY
- CHINESE ACAD SCI
- RIKEN
- RUSSIAN ACAD SCI

Time Period: 1981-2012

Time Period

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

Create Report | Save Selections | Clear Selections



Report Limited To
Dataset:
Report Name:
Time Period: 1981-2011
Institutions: TSING HUA UNIV;MIT
Additional Information: Cite this report as InCitesTM, Thomson Reuters (2012). Report Created: Oct 18, 2012 Data Processed Dec 31, 2011 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

Show: Total Documents and International Collaboration Counts
- Total Documents Only
- International Collaboration Counts Only
- Total Documents and International Collaboration Counts

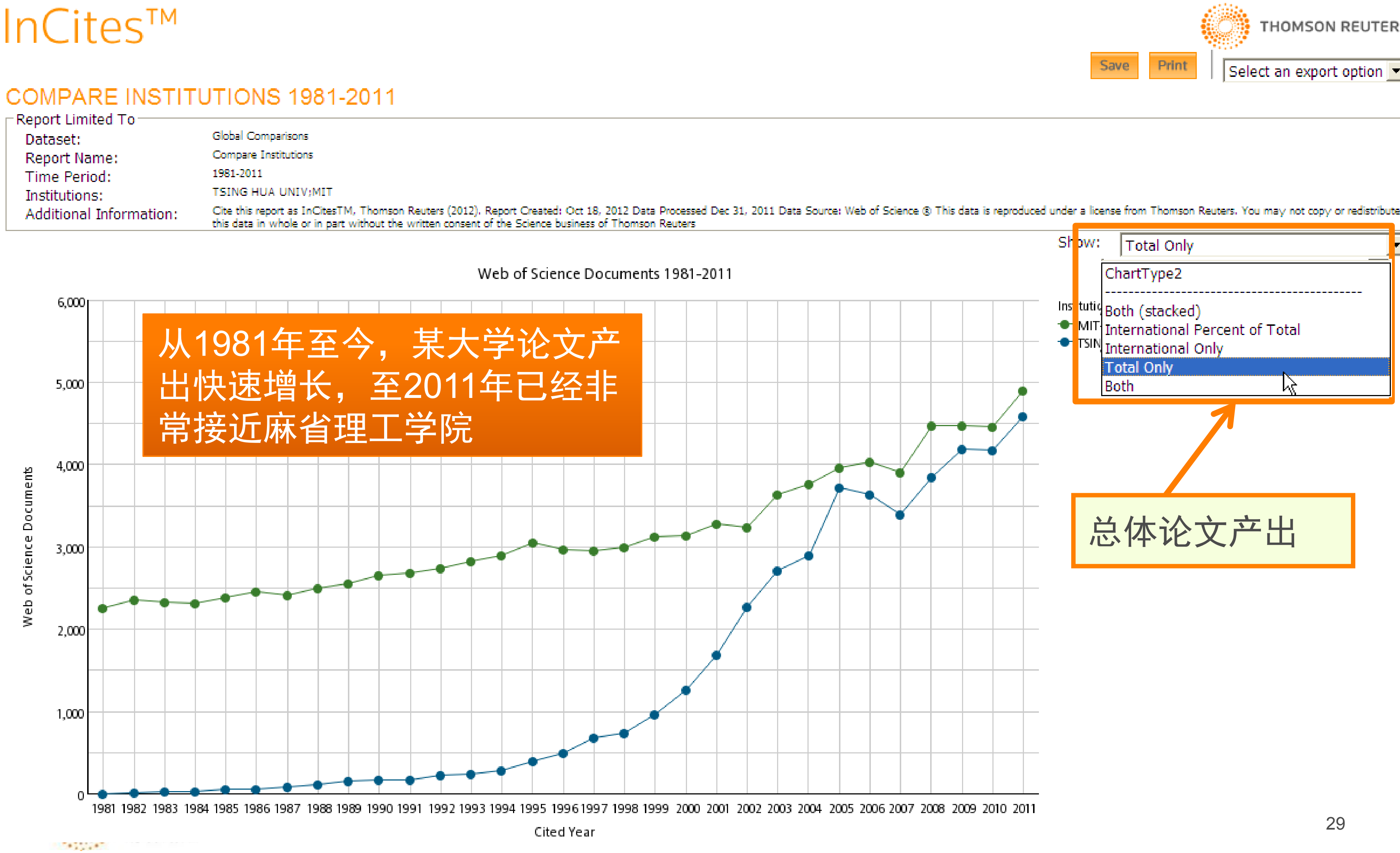
		Web of Science Documents View Graph		Times Cited View Graph		Cites per Document (Impact) View Graph		% Documents Cited View Graph		Impact Re Wo View Graph				View Graph	
Institution	Years	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl
MIT	1981	2,262	235 (10.4%)	113,071	13,786 (12.2%)	49.99	58.66	91.91	95.74	2.53	2.96	0.50	0.05	1.14	1.18
MIT	1982	2,361	255 (10.8%)	118,947	10,903 (9.2%)	50.38	42.76	91.44	92.94	2.56	2.17	0.50	0.05	1.12	1.14
MIT	1983	2,328	277 (11.9%)	112,156	12,409 (11.1%)	48.18	44.80	91.32	94.22	2.41	2.24	0.48	0.06	1.12	1.16
MIT	1984	2,309	298 (12.9%)	122,534	18,178 (14.8%)	53.07	61.00	93.11	96.64	2.60	2.99	0.48	0.06	1.13	1.17
MIT	1985	2,381	308 (12.9%)	129,861	19,926 (15.3%)	54.54	64.69	91.01	94.48	2.64	3.14	0.46	0.06	1.10	1.14
MIT	1986	2,454	372 (15.2%)	135,385	20,439 (15.1%)	55.17	54.94	93.56	97.04	2.68	2.67	0.46	0.07	1.13	1.17
MIT	1987	2,408	333 (13.8%)	133,522						2.59	2.15	0.46	0.06	1.12	1.15
MIT	1988	2,497	380 (15.2%)	132,162						2.46	2.49	0.46	0.07	1.13	1.16
MIT	1989	2,558	400 (15.6%)	132,980						2.41	2.31	0.45	0.07	1.13	1.15
MIT	1990	2,653	438 (16.5%)	147,301						2.49	2.78	0.45	0.07	1.10	1.12
MIT	1991	2,678	482 (18.0%)	129,307						2.17	1.91	0.44	0.08	1.11	1.12
MIT	1992	2,738	524 (19.1%)	155,153						2.55	2.72	0.43	0.08	1.09	1.13
MIT	1993	2,822	556 (19.7%)	154,925						2.40	2.64	0.44	0.09	1.08	1.11
MIT	1994	2,899	606 (20.9%)	154,215	30,742 (19.9%)	53.20	50.73	92.45	93.23	2.42	2.30	0.42	0.09	1.10	1.11
MIT	1995	3,048	694 (22.8%)	160,780	31,296 (19.5%)	52.75	45.10	93.18	94.09	2.37	2.03	0.43	0.10	1.09	1.10

点击“View Graph”超链接打开自动生成的图表

也可以选择只显示机构总体论文或国际合作论文

其中分别计算了机构总体论文和国际合作论文的各类指标

某大学总体产出及标杆对比分析



InCites™
THOMSON REUTERS
Save
Print
Select an export option

COMPARE INSTITUTIONS 1981-2011

Report Limited To

Dataset: Global Comparisons
Report Name: Compare Institutions
Time Period: 1981-2011
Institutions: TSING HUA UNIV;MIT
Additional Information: Cite this report as InCitesTM, Thomson Reuters (2012). Report Created: Oct 18, 2012 Data Processed Dec 31, 2011 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

Show: Total Only

ChartType2
Both (stacked)
International Percent of Total
International Only
Total Only
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Web of Science Documents 1981-2011
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MIT
TSIN
Web of Science Documents
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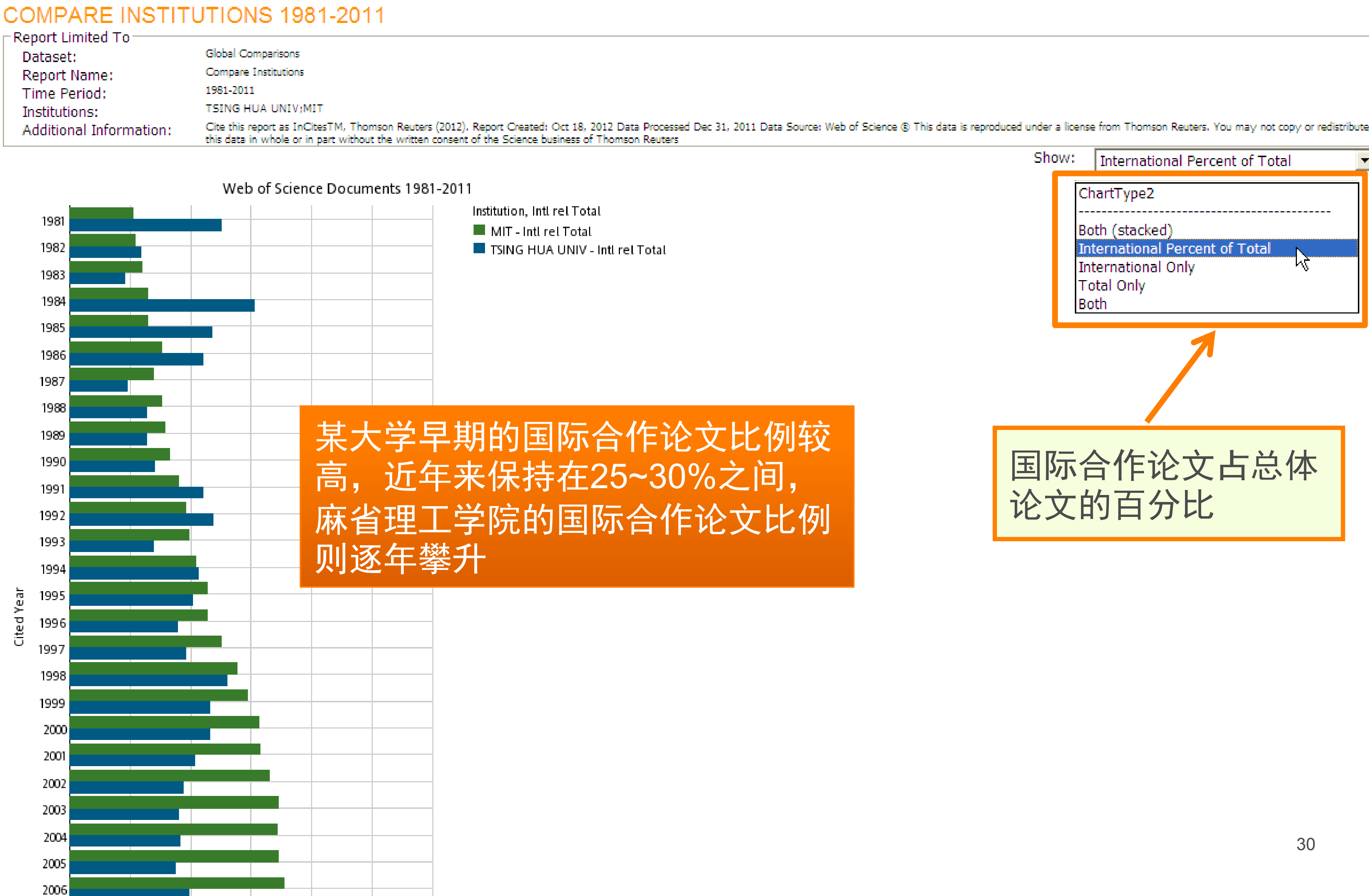
Cited Year

从1981年至今，某大学论文产出快速增长，至2011年已经非常接近麻省理工学院

总体论文产出

某大学国际合作活动发展趋势



COMPARE INSTITUTIONS 1981-2011

Report Limited To

Dataset: Global Comparisons
Report Name: Compare Institutions
Time Period: 1981-2011
Institutions: TSING HUA UNIV;MIT
Additional Information: Cite this report as InCitesTM, Thomson Reuters (2012). Report Created: Oct 18, 2012 Data Processed Dec 31, 2011 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

Show: International Percent of Total

ChartType2
Both (stacked)
International Percent of Total
International Only
Total Only
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Web of Science Documents 1981-2011
Institution, Intl rel Total
🟩 MIT - Intl rel Total
🟦 TSING HUA UNIV - Intl rel Total
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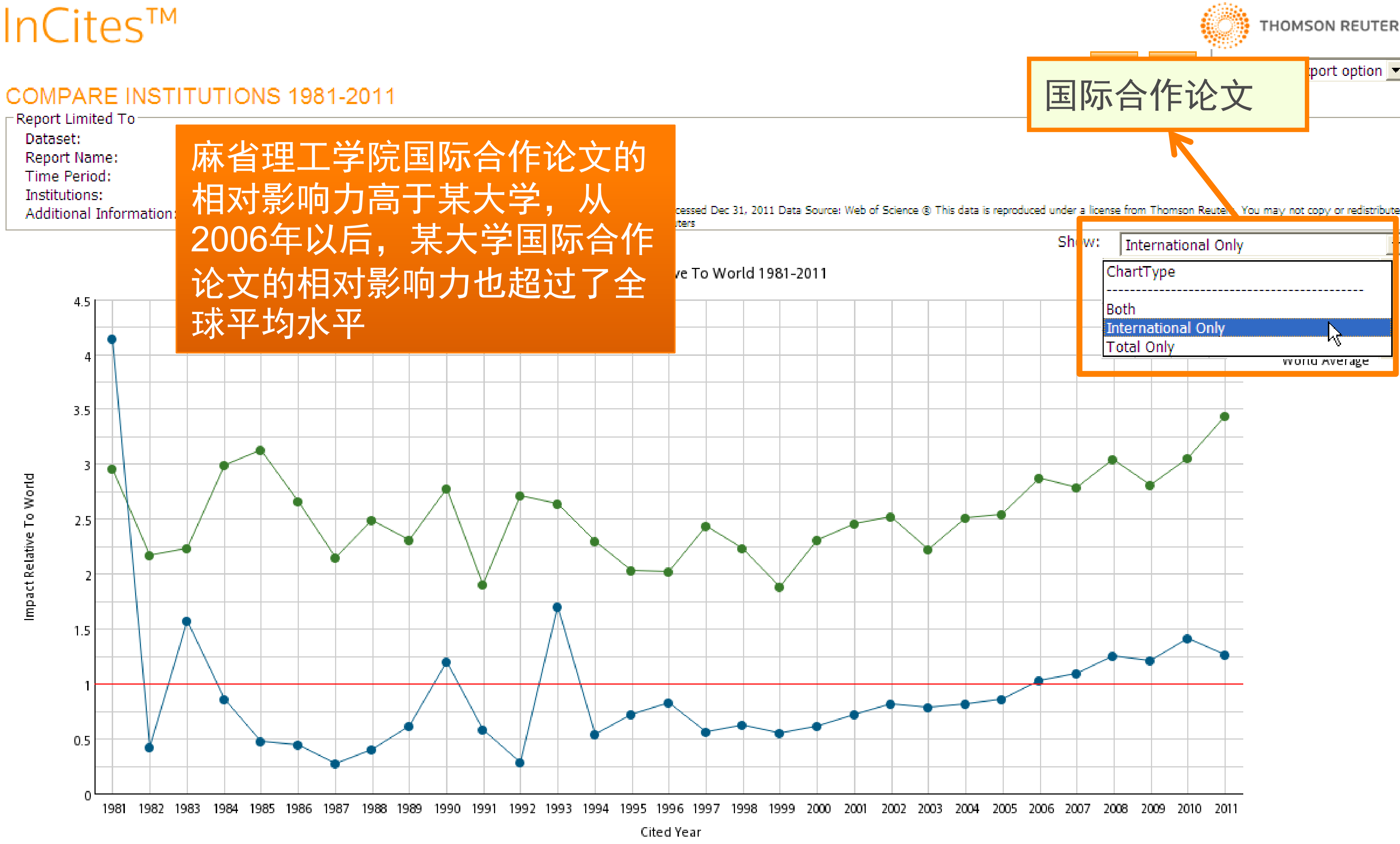
某大学早期的国际合作论文比例较高，近年来保持在25~30%之间，麻省理工学院的国际合作论文比例则逐年攀升

国际合作论文占总体论文的百分比

某大学国际合作论文相对影响力及标杆对比



InCites™

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COMPARE INSTITUTIONS 1981-2011

Report Limited To

Dataset:

Report Name:

Time Period:

Institutions:

Additional Information:

cessed Dec 31, 2011 Data Source: Web of Science ® This data is reproduced under a license from Thomson Reuter. You may not copy or redistribute

ters

Show: International Only

ve To World 1981-2011

ChartType
Both
International Only
Total Only
World Average
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国际合作论文

麻省理工学院国际合作论文的相对影响力高于某大学，从2006年以后，某大学国际合作论文的相对影响力也超过了全球平均水平

如何掌握机构学科布局与发展态势

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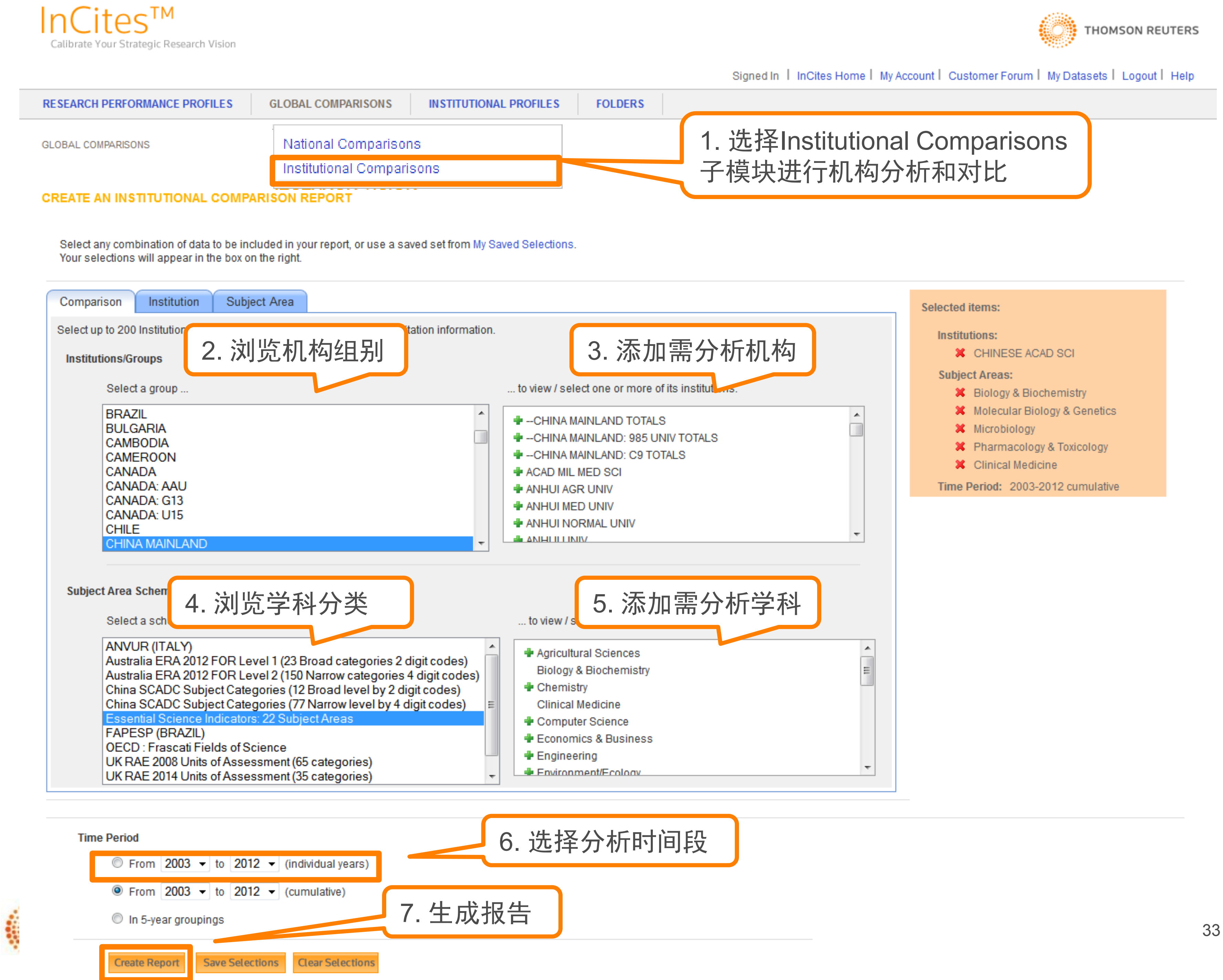
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RESEARCH PERFORMANCE PROFILES
GLOBAL COMPARISONS
INSTITUTIONAL PROFILES
FOLDERS
GLOBAL COMPARISONS
National Comparisons
Institutional Comparisons
Comparison
Institution
Subject Area
Create Report
Save Selections
Clear Selections

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.

Select up to 200 Institution … itation information.

Institutions/Groups

Select a group ...

- BRAZIL
- BULGARIA
- CAMBODIA
- CAMEROON
- CANADA
- CANADA: AAU
- CANADA: G13
- CANADA: U15
- CHILE
- CHINA MAINLAND

... to view / select one or more of its institut…

- ✚ --CHINA MAINLAND TOTALS
- ✚ --CHINA MAINLAND: 985 UNIV TOTALS
- ✚ --CHINA MAINLAND: C9 TOTALS
- ✚ ACAD MIL MED SCI
- ✚ ANHUI AGR UNIV
- ✚ ANHUI MED UNIV
- ✚ ANHUI NORMAL UNIV

Subject Area Schem…

Select a sch…

- 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)

... to view / s…

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

Selected items:

Institutions:
- ✖ CHINESE ACAD SCI

Subject Areas:
- ✖ Biology & Biochemistry
- ✖ Molecular Biology & Genetics
- ✖ Microbiology
- ✖ Pharmacology & Toxicology
- ✖ Clinical Medicine

Time Period: 2003-2012 cumulative

Time Period

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

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

2. 浏览机构组别

3. 添加需分析机构

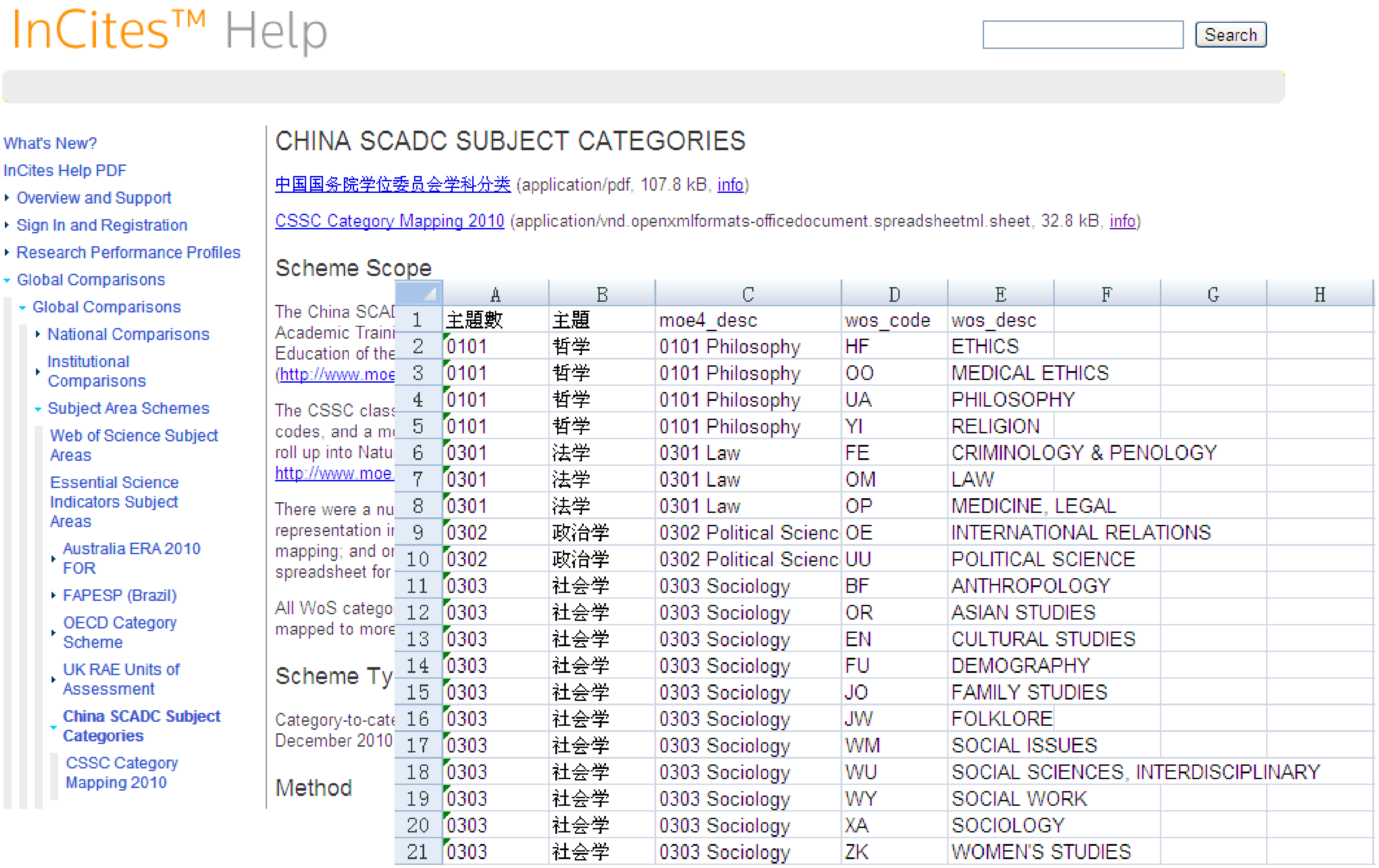
4. 浏览学科分类

5. 添加需分析学科

6. 选择分析时间段

7. 生成报告

关于中国国务院学位办学科分类SCADC


InCites™ Help
Search
What's New?
InCites Help PDF
Overview and Support
Sign In and Registration
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

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Scheme Ty

Category-to-cate
December 2010

Method

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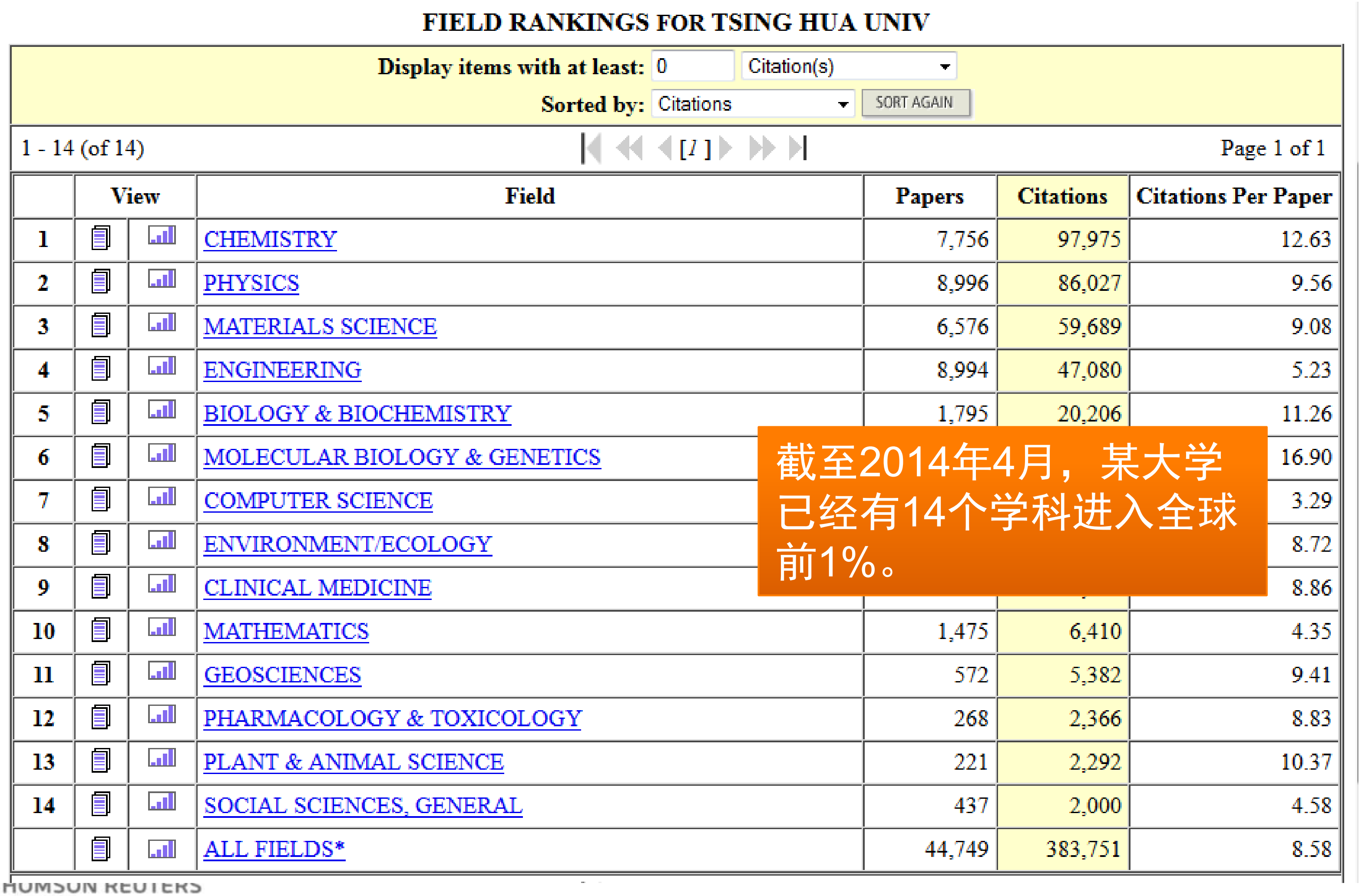
2	0101	哲学	0101 Philosophy	HF	ETHICS			
3	0101	哲学	0101 Philosophy	OO	MEDICAL ETHICS			
4	0101	哲学	0101 Philosophy	UA	PHILOSOPHY			
5	0101	哲学	0101 Philosophy	YI	RELIGION			
6	0301	法学	0301 Law	FE	CRIMINOLOGY & PENOLOGY			
7	0301	法学	0301 Law	OM	LAW			
8	0301	法学	0301 Law	OP	MEDICINE, LEGAL			
9	0302	政治学	0302 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			

展示机构优势学科



FIELD RANKINGS FOR TSING HUA UNIV

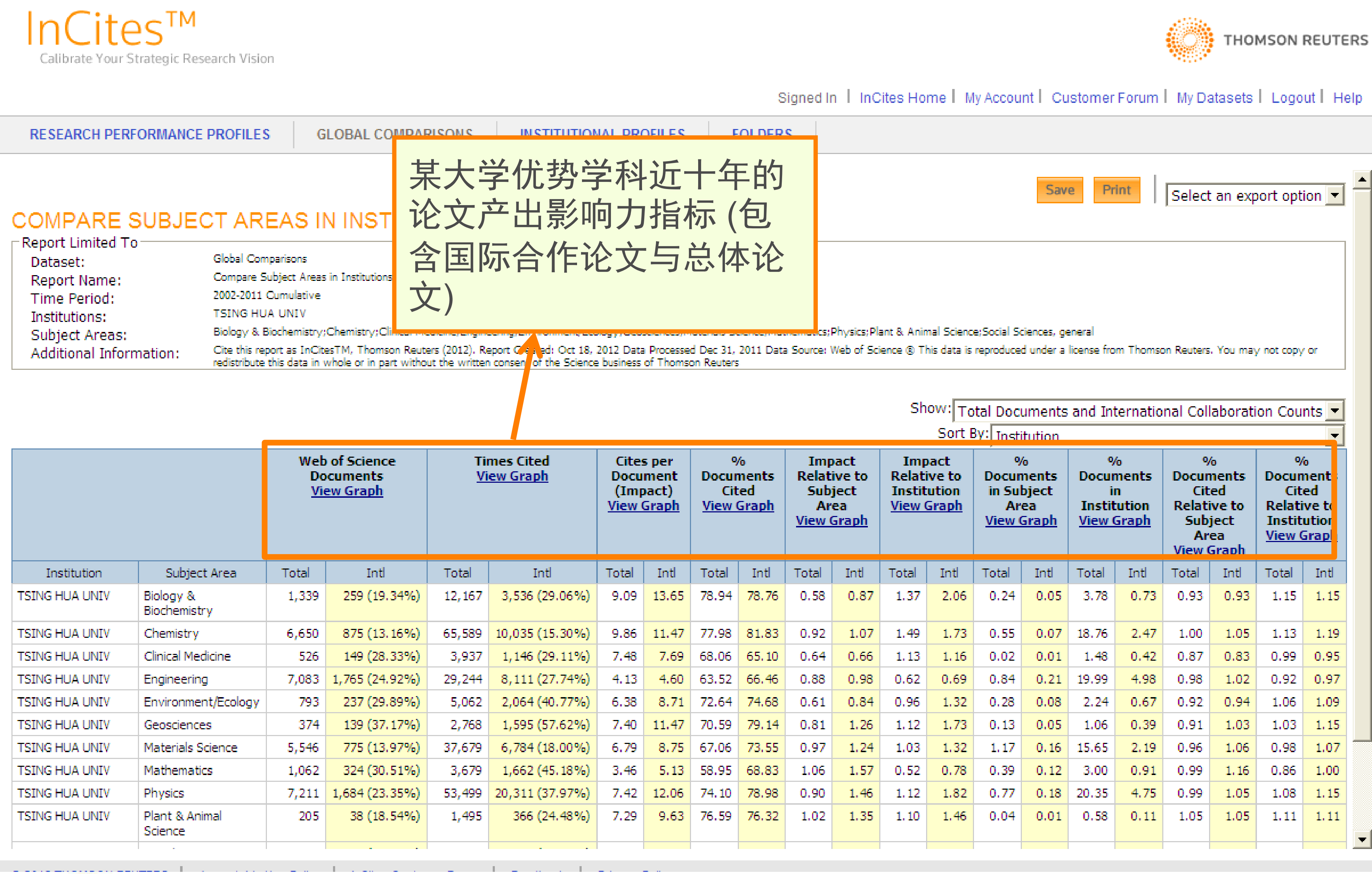
Display items with at least: 0 Citation(s)

Sorted by: Citations

1 - 14 (of 14) [1] Page 1 of 1

	View		Field	Papers	Citations	Citations Per Paper
1			CHEMISTRY	7,756	97,975	12.63
2			PHYSICS	8,996	86,027	9.56
3			MATERIALS SCIENCE	6,576	59,689	9.08
4			ENGINEERING	8,994	47,080	5.23
5			BIOLOGY & BIOCHEMISTRY	1,795	20,206	11.26
6			MOLECULAR BIOLOGY & GENETICS	[illegible]	[illegible]	16.90
7			COMPUTER SCIENCE	[illegible]	[illegible]	3.29
8			ENVIRONMENT/ECOLOGY	[illegible]	[illegible]	8.72
9			CLINICAL MEDICINE	[illegible]	[illegible]	8.86
10			MATHEMATICS	1,475	6,410	4.35
11			GEOSCIENCES	572	5,382	9.41
12			PHARMACOLOGY & TOXICOLOGY	268	2,366	8.83
13			PLANT & ANIMAL SCIENCE	221	2,292	10.37
14			SOCIAL SCIENCES, GENERAL	437	2,000	4.58
			ALL FIELDS*	44,749	383,751	8.58

截至2014年4月，某大学已经有14个学科进入全球前1%。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Show: Total Documents and International Collaboration Counts
Sort By: Institution

某大学优势学科近十年的论文产出影响力指标 (包含国际合作论文与总体论文)

COMPARE SUBJECT AREAS IN INST

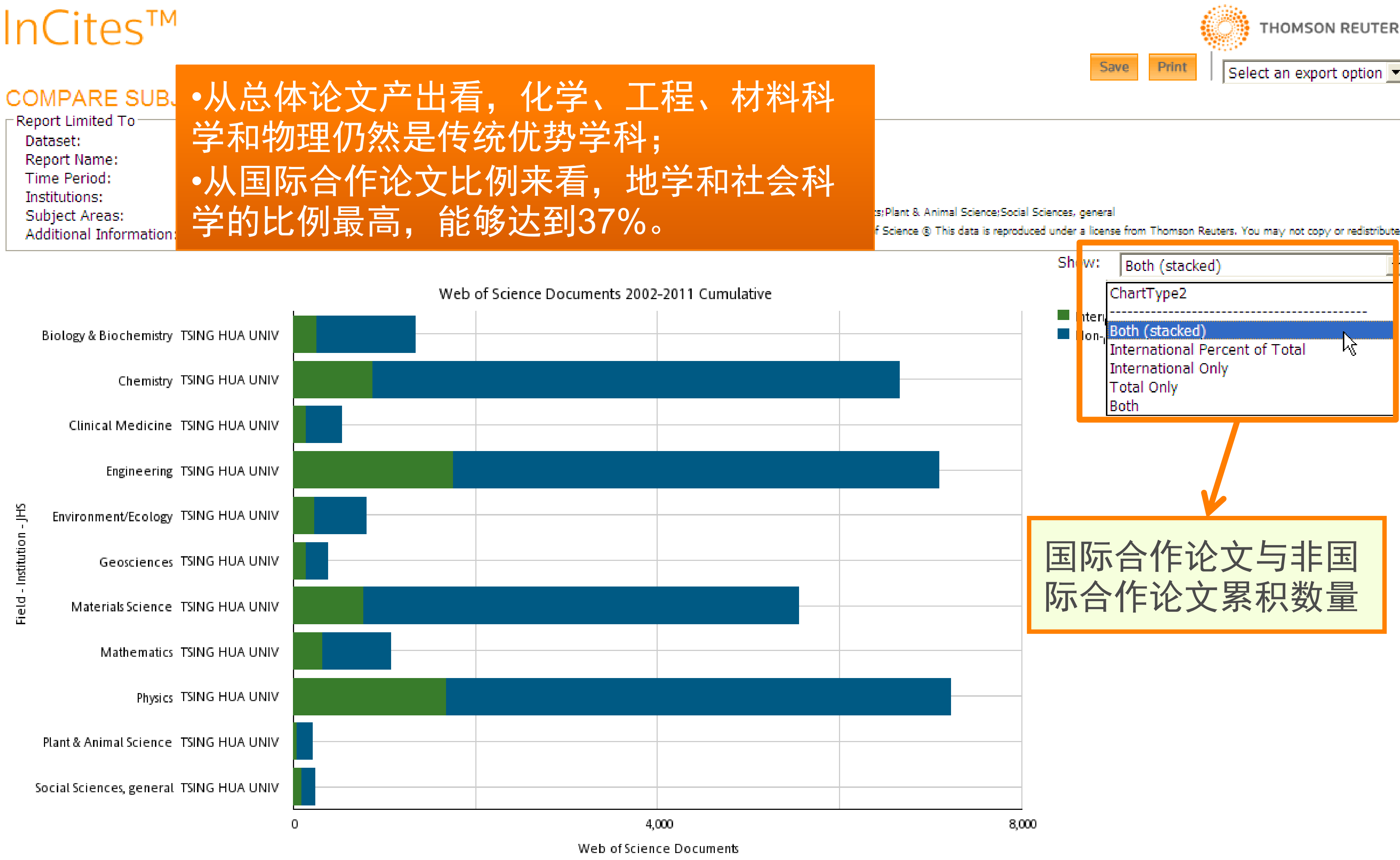
Report Limited To

Dataset:	Global Comparisons
Report Name:	Compare Subject Areas in Institutions
Time Period:	2002-2011 Cumulative
Institutions:	TSING HUA UNIV
Subject Areas:	Biology & Biochemistry;Chemistry;Cli cs;Physics;Plant & Animal Science;Social Sciences, general
Additional Information:	Cite this report as InCitesTM, Thomson Reuters (2012). Report C d: Oct 18, 2012 Data Processed Dec 31, 2011 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 consen of the Science business of Thomson Reuters

		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		% Document Cited Relative t Institution View Grap	
Institution	Subject Area	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl	Total	Intl
TSING HUA UNIV	Biology & Biochemistry	1,339	259 (19.34%)	12,167	3,536 (29.06%)	9.09	13.65	78.94	78.76	0.58	0.87	1.37	2.06	0.24	0.05	3.78	0.73	0.93	0.93	1.15	1.15
TSING HUA UNIV	Chemistry	6,650	875 (13.16%)	65,589	10,035 (15.30%)	9.86	11.47	77.98	81.83	0.92	1.07	1.49	1.73	0.55	0.07	18.76	2.47	1.00	1.05	1.13	1.19
TSING HUA UNIV	Clinical Medicine	526	149 (28.33%)	3,937	1,146 (29.11%)	7.48	7.69	68.06	65.10	0.64	0.66	1.13	1.16	0.02	0.01	1.48	0.42	0.87	0.83	0.99	0.95
TSING HUA UNIV	Engineering	7,083	1,765 (24.92%)	29,244	8,111 (27.74%)	4.13	4.60	63.52	66.46	0.88	0.98	0.62	0.69	0.84	0.21	19.99	4.98	0.98	1.02	0.92	0.97
TSING HUA UNIV	Environment/Ecology	793	237 (29.89%)	5,062	2,064 (40.77%)	6.38	8.71	72.64	74.68	0.61	0.84	0.96	1.32	0.28	0.08	2.24	0.67	0.92	0.94	1.06	1.09
TSING HUA UNIV	Geosciences	374	139 (37.17%)	2,768	1,595 (57.62%)	7.40	11.47	70.59	79.14	0.81	1.26	1.12	1.73	0.13	0.05	1.06	0.39	0.91	1.03	1.03	1.15
TSING HUA UNIV	Materials Science	5,546	775 (13.97%)	37,679	6,784 (18.00%)	6.79	8.75	67.06	73.55	0.97	1.24	1.03	1.32	1.17	0.16	15.65	2.19	0.96	1.06	0.98	1.07
TSING HUA UNIV	Mathematics	1,062	324 (30.51%)	3,679	1,662 (45.18%)	3.46	5.13	58.95	68.83	1.06	1.57	0.52	0.78	0.39	0.12	3.00	0.91	0.99	1.16	0.86	1.00
TSING HUA UNIV	Physics	7,211	1,684 (23.35%)	53,499	20,311 (37.97%)	7.42	12.06	74.10	78.98	0.90	1.46	1.12	1.82	0.77	0.18	20.35	4.75	0.99	1.05	1.08	1.15
TSING HUA UNIV	Plant & Animal Science	205	38 (18.54%)	1,495	366 (24.48%)	7.29	9.63	76.59	76.32	1.02	1.35	1.10	1.46	0.04	0.01	0.58	0.11	1.05	1.05	1.11	1.11

某大学优势学科近十年总体产出

- 从总体论文产出看，化学、工程、材料科学和物理仍然是传统优势学科；
- 从国际合作论文比例来看，地学和社会科学的比例最高，能够达到37%。



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Subject Areas: s;Plant & Animal Science;Social Sciences, general

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Physics TSING HUA UNIV
Plant & Animal Science TSING HUA UNIV
Social Sciences, general TSING HUA UNIV
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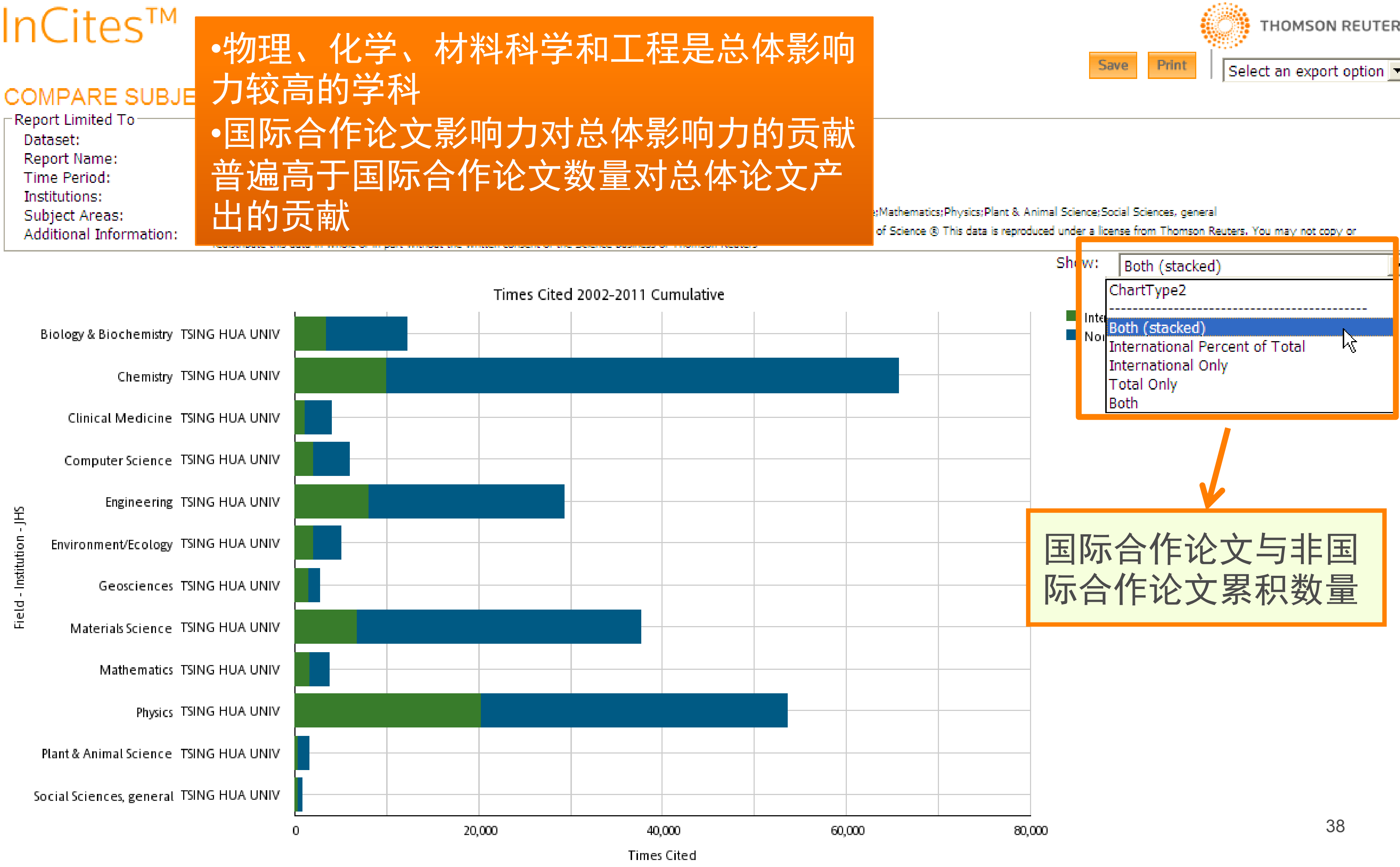
Web of Science Documents

国际合作论文与非国际合作论文累积数量

某大学优势学科近十年总体影响力

- 物理、化学、材料科学和工程是总体影响力较高的学科
- 国际合作论文影响力对总体影响力的贡献普遍高于国际合作论文数量对总体论文产出的贡献



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Clinical Medicine TSING HUA UNIV
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Engineering TSING HUA UNIV
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Social Sciences, general TSING HUA UNIV
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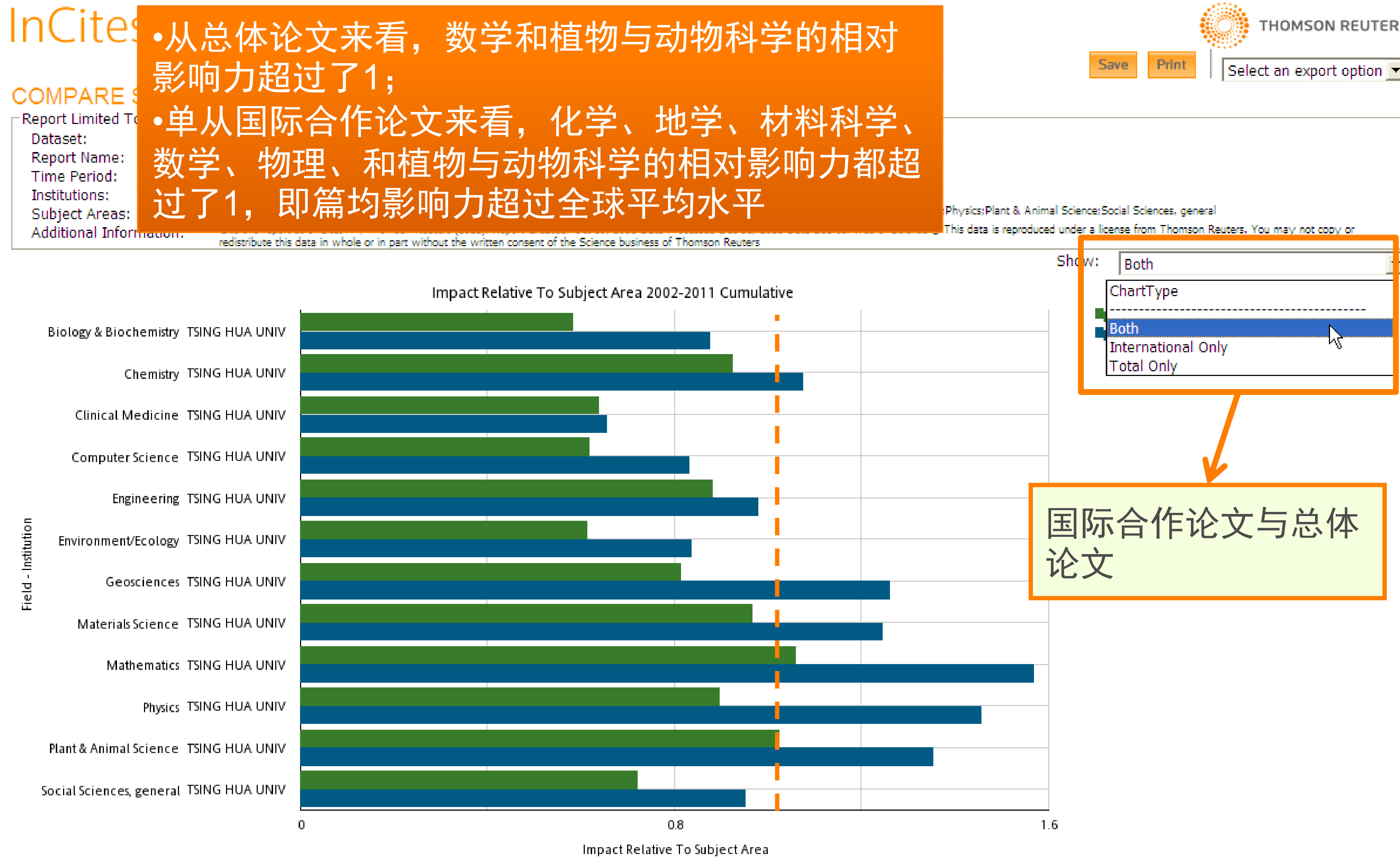
Times Cited

国际合作论文与非国际合作论文累积数量

某大学优势学科近十年相对影响力

- 从总体论文来看，数学和植物与动物科学的相对影响力超过了1；
- 单从国际合作论文来看，化学、地学、材料科学、数学、物理、和植物与动物科学的相对影响力都超过了1，即篇均影响力超过全球平均水平



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Subject Areas: Physics;Plant & Animal Science;Social Sciences, general
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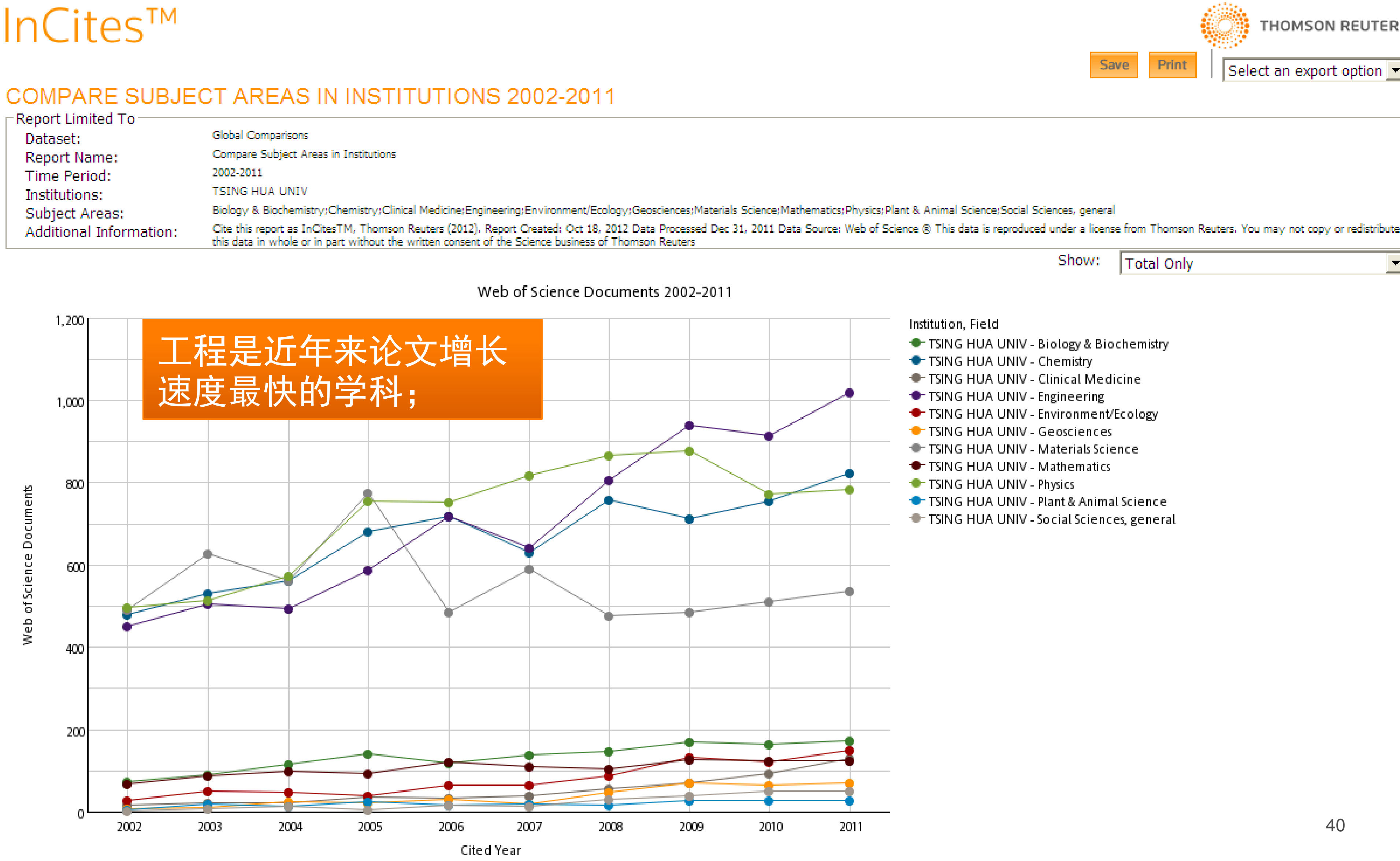
国际合作论文与总体论文

某大学优势学科总体产出发展趋势



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COMPARE SUBJECT AREAS IN INSTITUTIONS 2002-2011

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Dataset: Global Comparisons

Report Name: Compare Subject Areas in Institutions

Time Period: 2002-2011

Institutions: TSING HUA UNIV

Subject Areas: Biology & Biochemistry;Chemistry;Clinical Medicine;Engineering;Environment/Ecology;Geosciences;Materials Science;Mathematics;Physics;Plant & Animal Science;Social Sciences, general

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Institution, Field
TSING HUA UNIV - Biology & Biochemistry
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TSING HUA UNIV - Clinical Medicine
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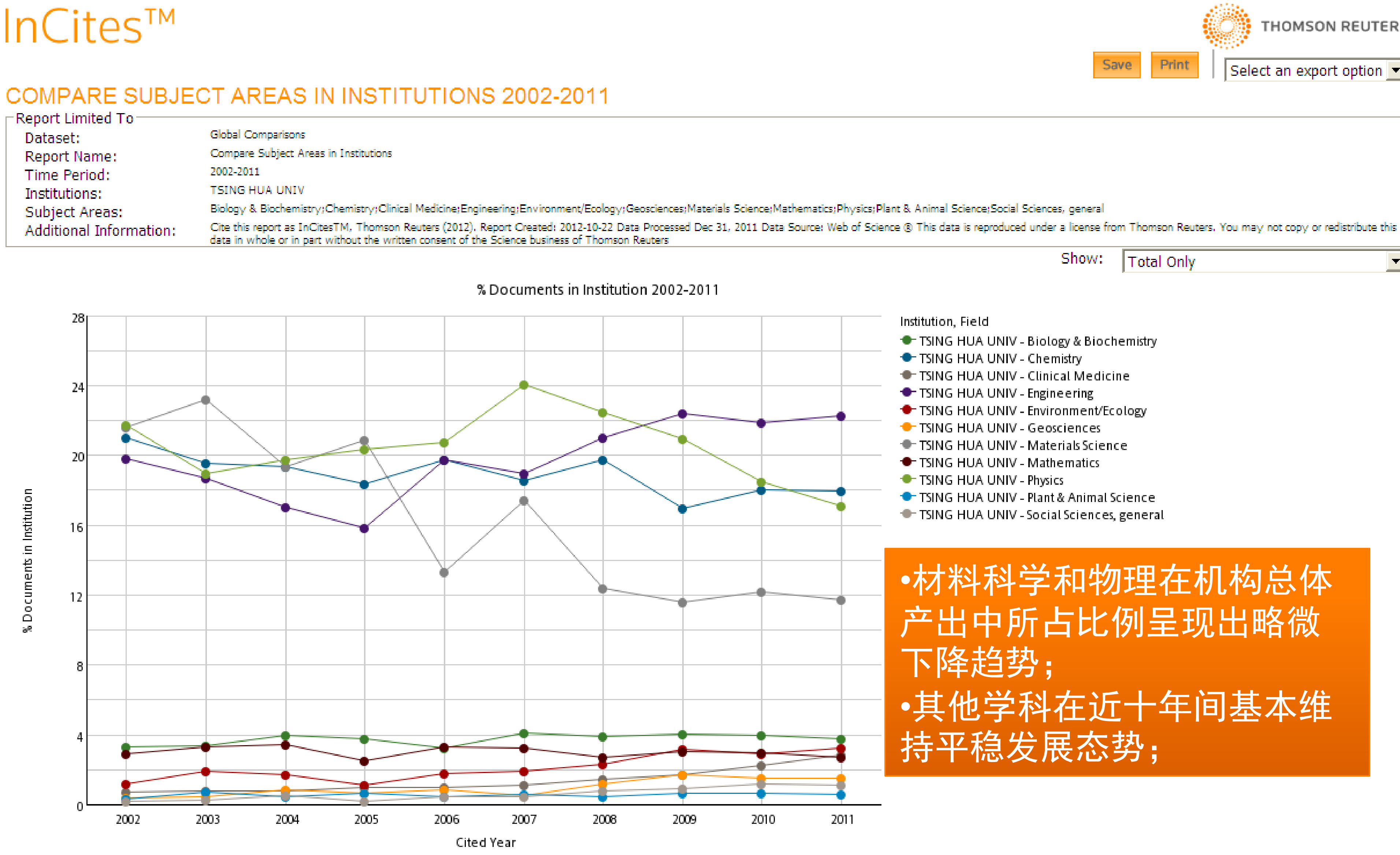
TSING HUA UNIV - Geosciences
TSING HUA UNIV - Materials Science
TSING HUA UNIV - Mathematics
TSING HUA UNIV - Physics
TSING HUA UNIV - Plant & Animal Science
TSING HUA UNIV - Social Sciences, general

工程是近年来论文增长速度最快的学科；

某大学优势学科占机构总体产出的比例变化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COMPARE SUBJECT AREAS IN INSTITUTIONS 2002-2011

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Dataset: Global Comparisons
Report Name: Compare Subject Areas in Institutions
Time Period: 2002-2011
Institutions: TSING HUA UNIV
Subject Areas: Biology & Biochemistry;Chemistry;Clinical Medicine;Engineering;Environment/Ecology;Geosciences;Materials Science;Mathematics;Physics;Plant & Animal Science;Social Sciences, general
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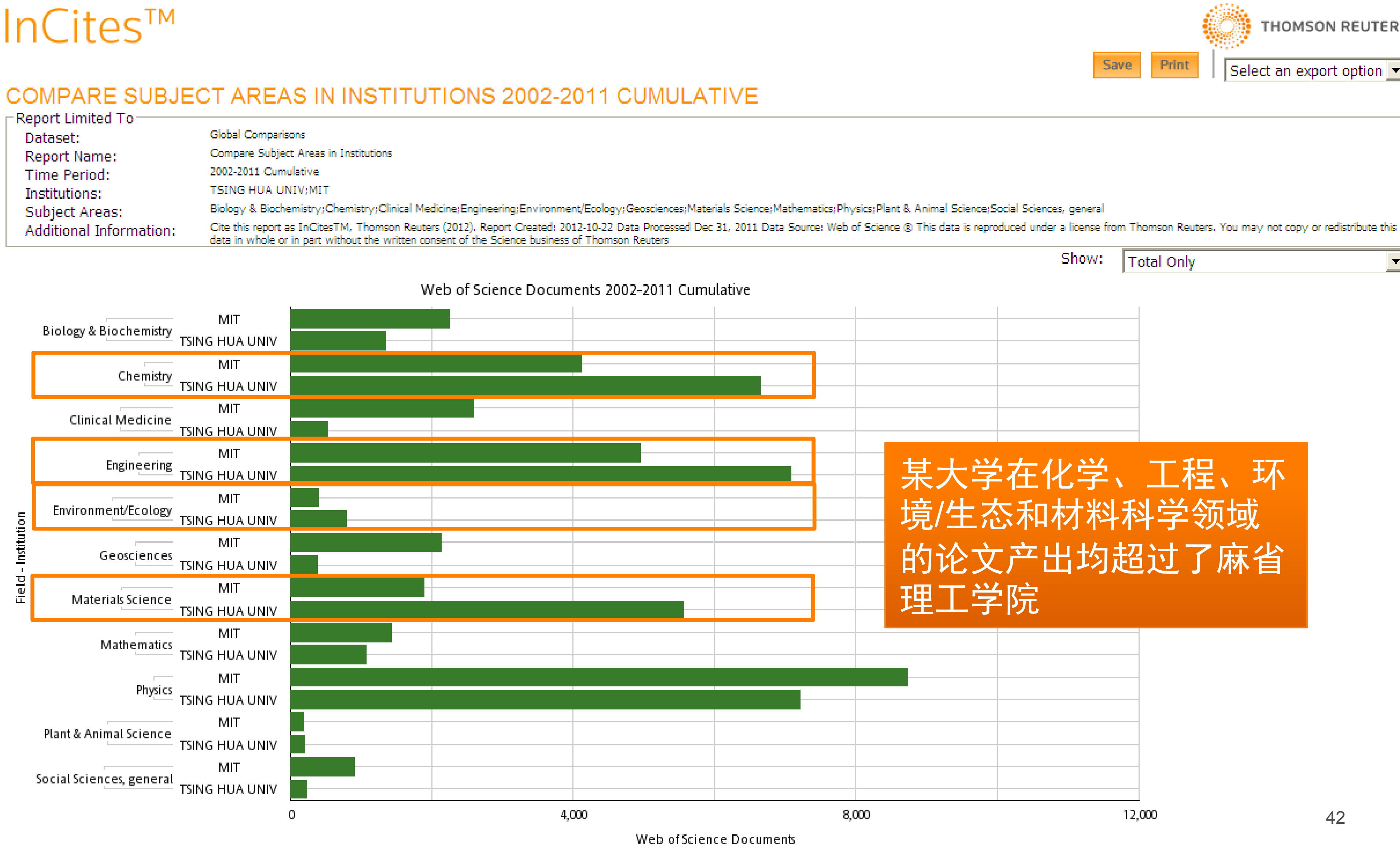
● TSING HUA UNIV - Chemistry
● TSING HUA UNIV - Clinical Medicine
● TSING HUA UNIV - Engineering
● TSING HUA UNIV - Environment/Ecology
● TSING HUA UNIV - Geosciences
● TSING HUA UNIV - Materials Science
● TSING HUA UNIV - Mathematics
● TSING HUA UNIV - Physics
● TSING HUA UNIV - Plant & Animal Science
● TSING HUA UNIV - Social Sciences, general

- 材料科学和物理在机构总体产出中所占比例呈现出略微下降趋势；
- 其他学科在近十年间基本维持平稳发展态势；

某大学与麻省理工学院的学科产出成果对比



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Dataset: Global Comparisons

Report Name: Compare Subject Areas in Institutions

Time Period: 2002-2011 Cumulative

Institutions: TSING HUA UNIV;MIT

Subject Areas: Biology & Biochemistry;Chemistry;Clinical Medicine;Engineering;Environment/Ecology;Geosciences;Materials Science;Mathematics;Physics;Plant & Animal Science;Social Sciences, general

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Social Sciences, general
MIT
TSING HUA UNIV
Field - Institution
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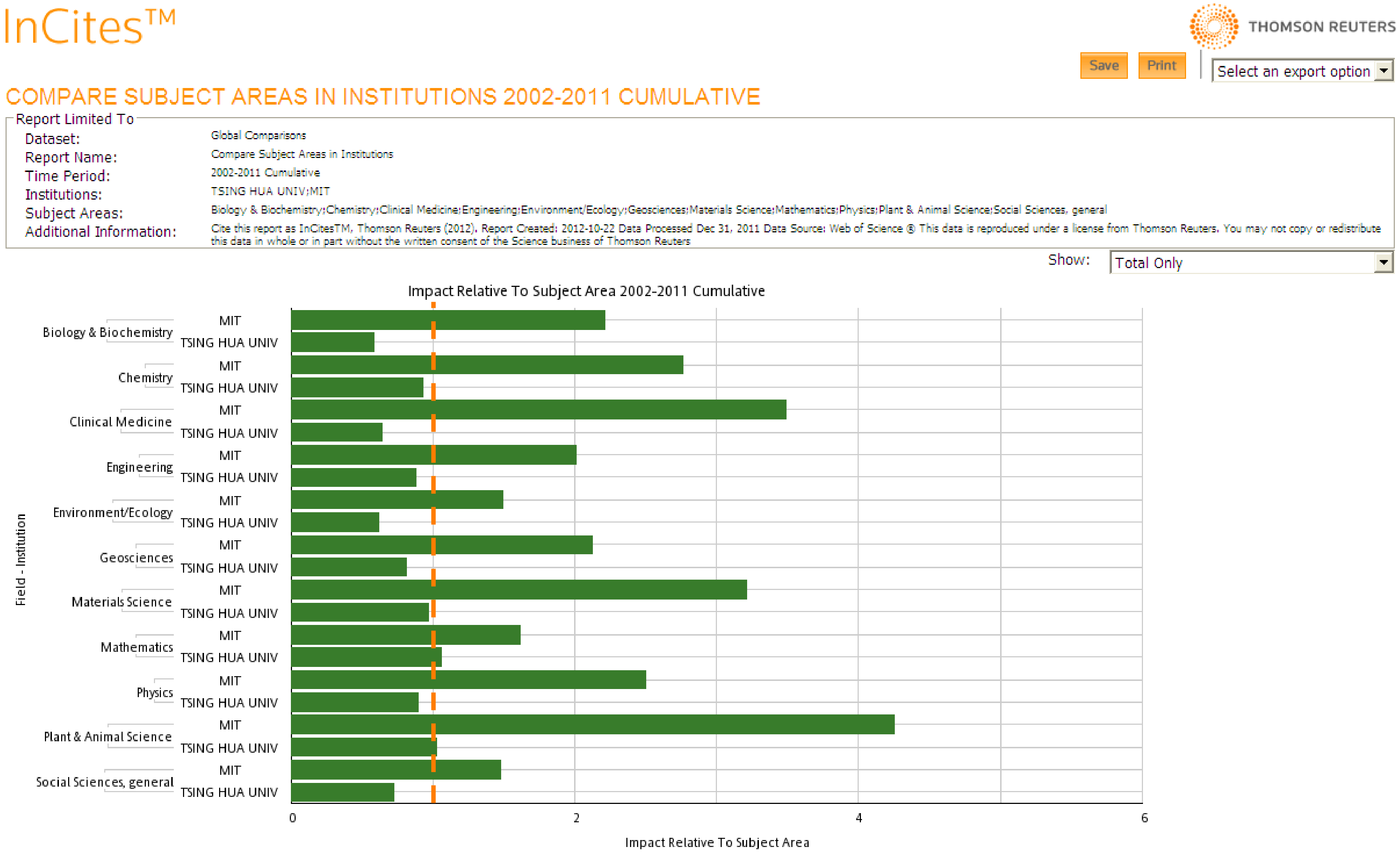
某大学在化学、工程、环境/生态和材料科学领域的论文产出均超过了麻省理工学院

某大学与麻省理工学院学科影响力对比



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Dataset: Global Comparisons
Report Name: Compare Subject Areas in Institutions
Time Period: 2002-2011 Cumulative
Institutions: TSING HUA UNIV;MIT
Subject Areas: Biology & Biochemistry;Chemistry;Clinical Medicine;Engineering;Environment/Ecology;Geosciences;Materials Science;Mathematics;Physics;Plant & Animal Science;Social Sciences, general
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Impact Relative To Subject Area 2002-2011 Cumulative
Field - Institution
Biology & Biochemistry
Chemistry
Clinical Medicine
Engineering
Environment/Ecology
Geosciences
Materials Science
Mathematics
Physics
Plant & Animal Science
Social Sciences, general
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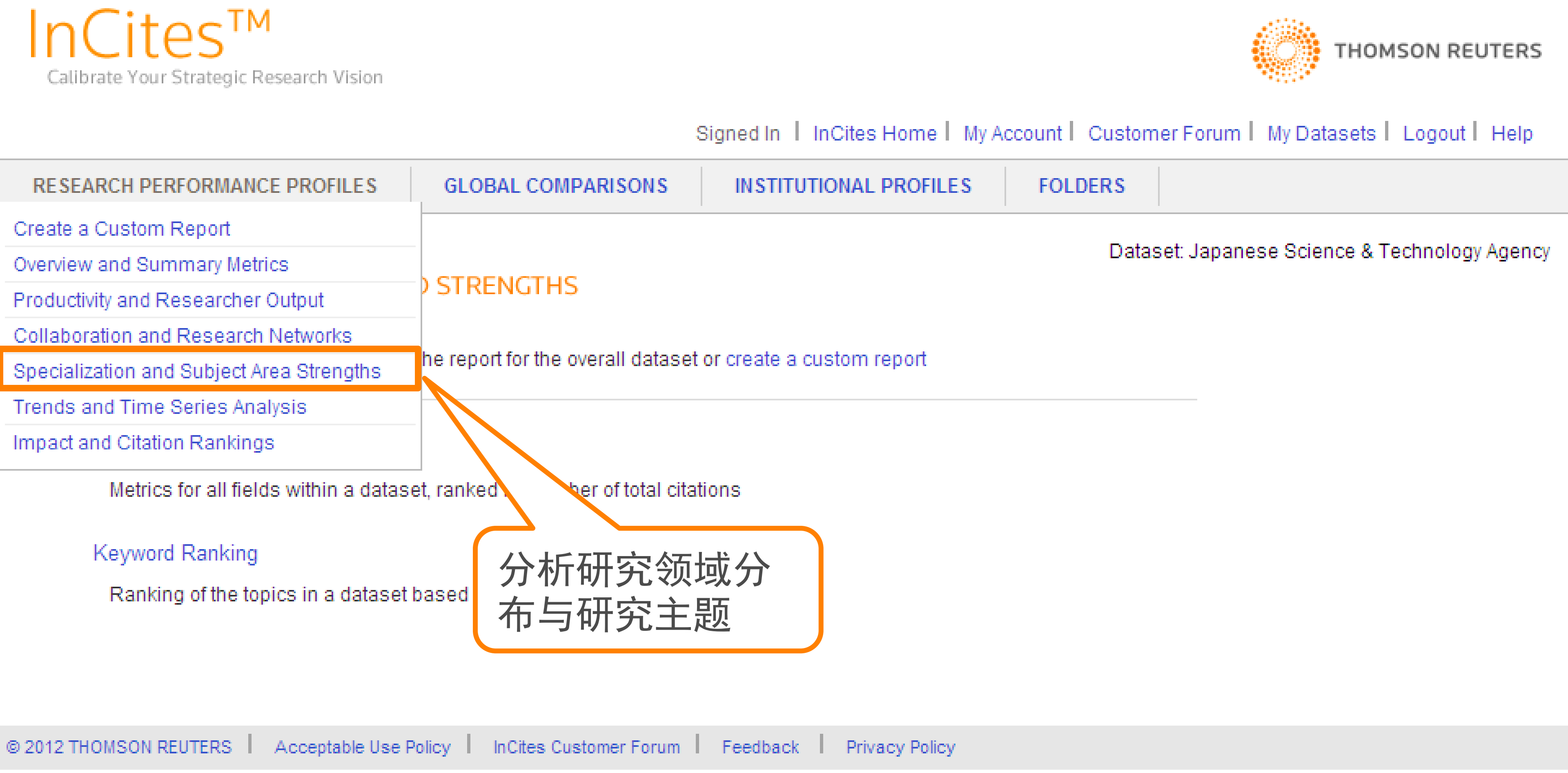
Impact Relative To Subject Area



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Specialization and Subject Area Strengths
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Metrics for all fields within a dataset, ranked ber of total citations

Keyword Ranking

Ranking of the topics in a dataset based

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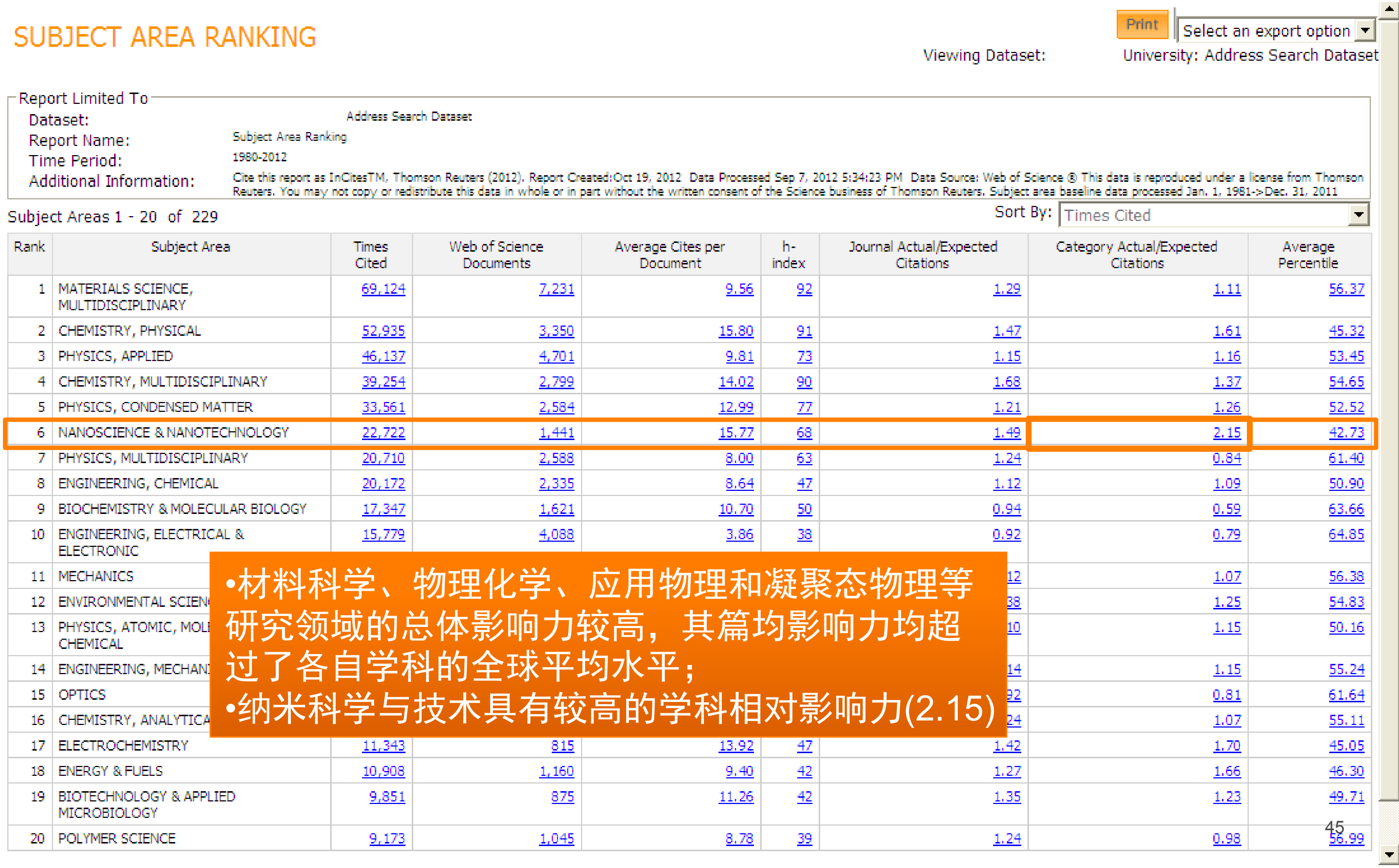
分析研究领域分布与研究主题

研究领域(Web of Science学科)综合分析



SUBJECT AREA RANKING

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Dataset: Address Search Dataset

Report Name: Subject Area Ranking

Time Period: 1980-2012

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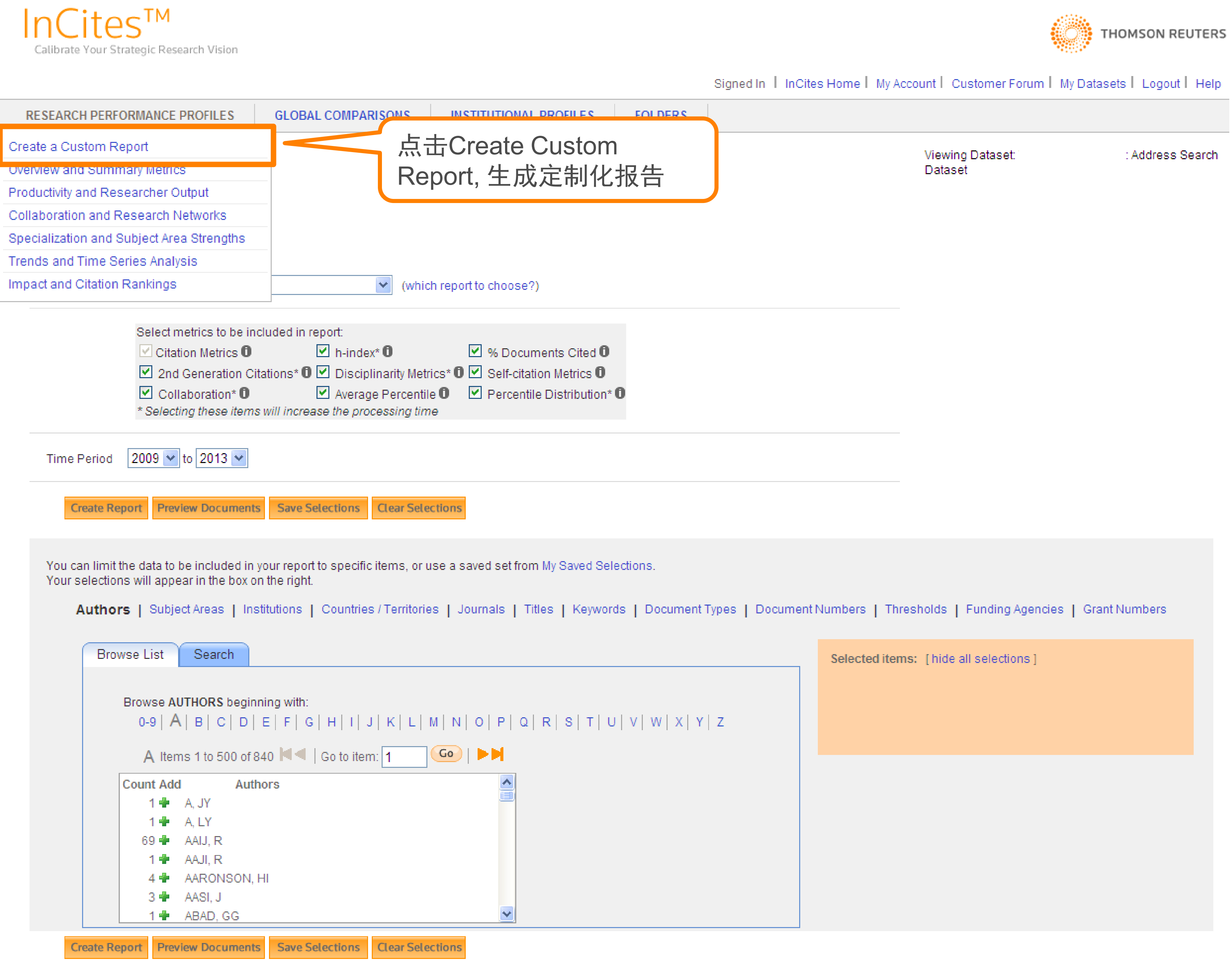
Subject Areas 1 - 20 of 229

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, MECHAN					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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INSTITUTIONAL PROFILES
FOLDERS
Create a Custom Report
Overview and Summary Metrics
Productivity and Researcher Output
Collaboration and Research Networks
Specialization and Subject Area Strengths
Trends and Time Series Analysis
Impact and Citation Rankings
(which report to choose?)
Create Report
Preview Documents
Save Selections
Clear Selections
Authors | Subject Areas | Institutions | Countries / Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Browse List
Search
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
Go
Selected items: [hide all selections]

点击Create Custom Report, 生成定制化报告

Viewing Dataset: : Address Search Dataset

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*

** Selecting these items will increase the processing time*

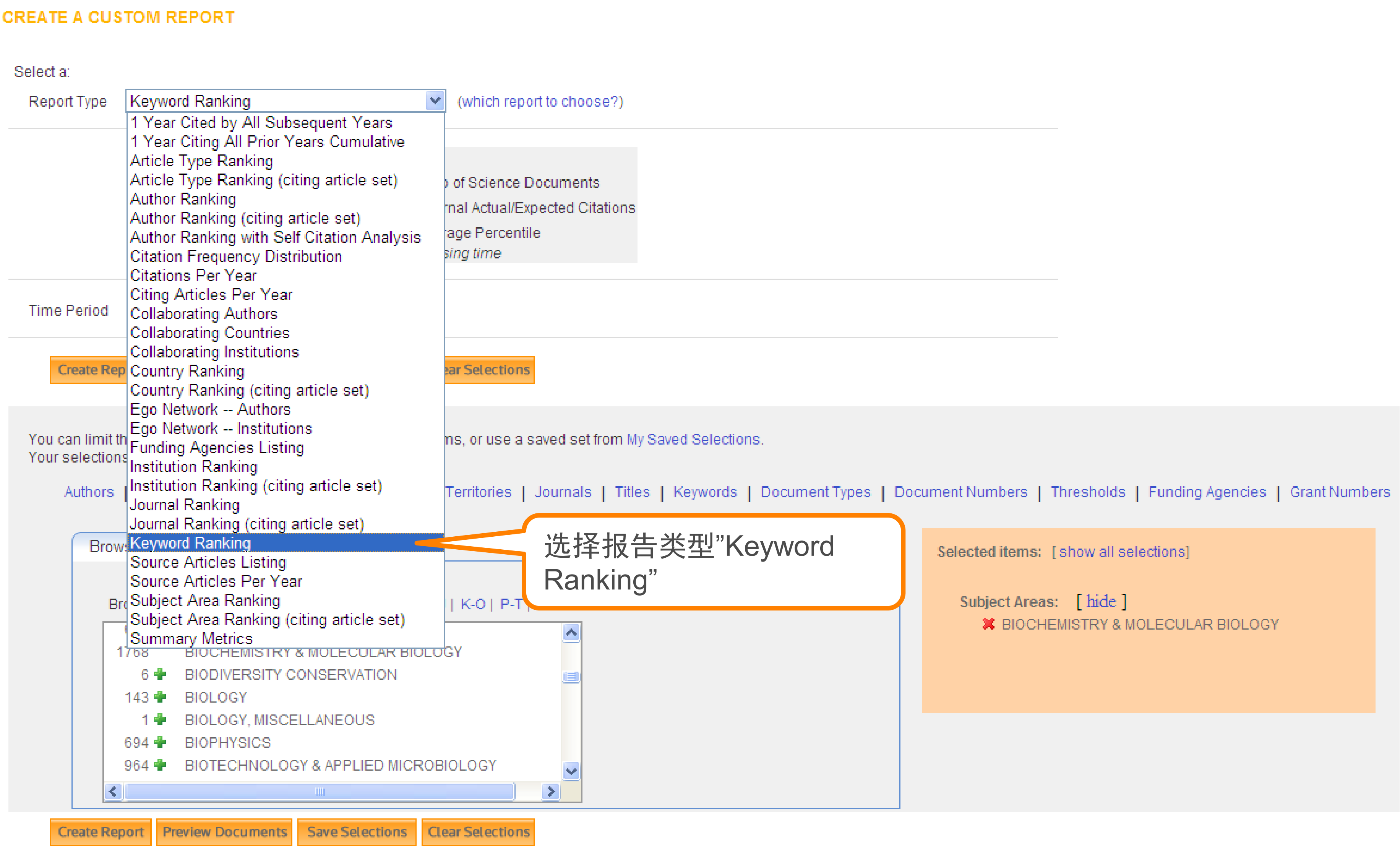
Time Period 2009 to 2013

You can limit the data to be included in your report to specific items, or use a saved set from My Saved Selections.
Your selections will appear in the box on the right.

Browse **AUTHORS** beginning with:

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

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



CREATE A CUSTOM REPORT

Select a:

Report Type: Keyword Ranking

(which report to choose?)
1 Year Cited by All Subsequent Years
1 Year Citing All Prior Years Cumulative
Article Type Ranking
Article Type Ranking (citing article set)
Author Ranking
Author Ranking (citing article set)
Author Ranking with Self Citation Analysis
Citation Frequency Distribution
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
of Science Documents
rnal Actual/Expected Citations
age Percentile
sing time
Time Period
Create Rep
ear Selections
Authors
Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Brows
Bro
K-O | P-T
Create Report
Preview Documents
Save Selections
Clear Selections

You can limit th… ns, or use a saved set from My Saved Selections.

Your selections…

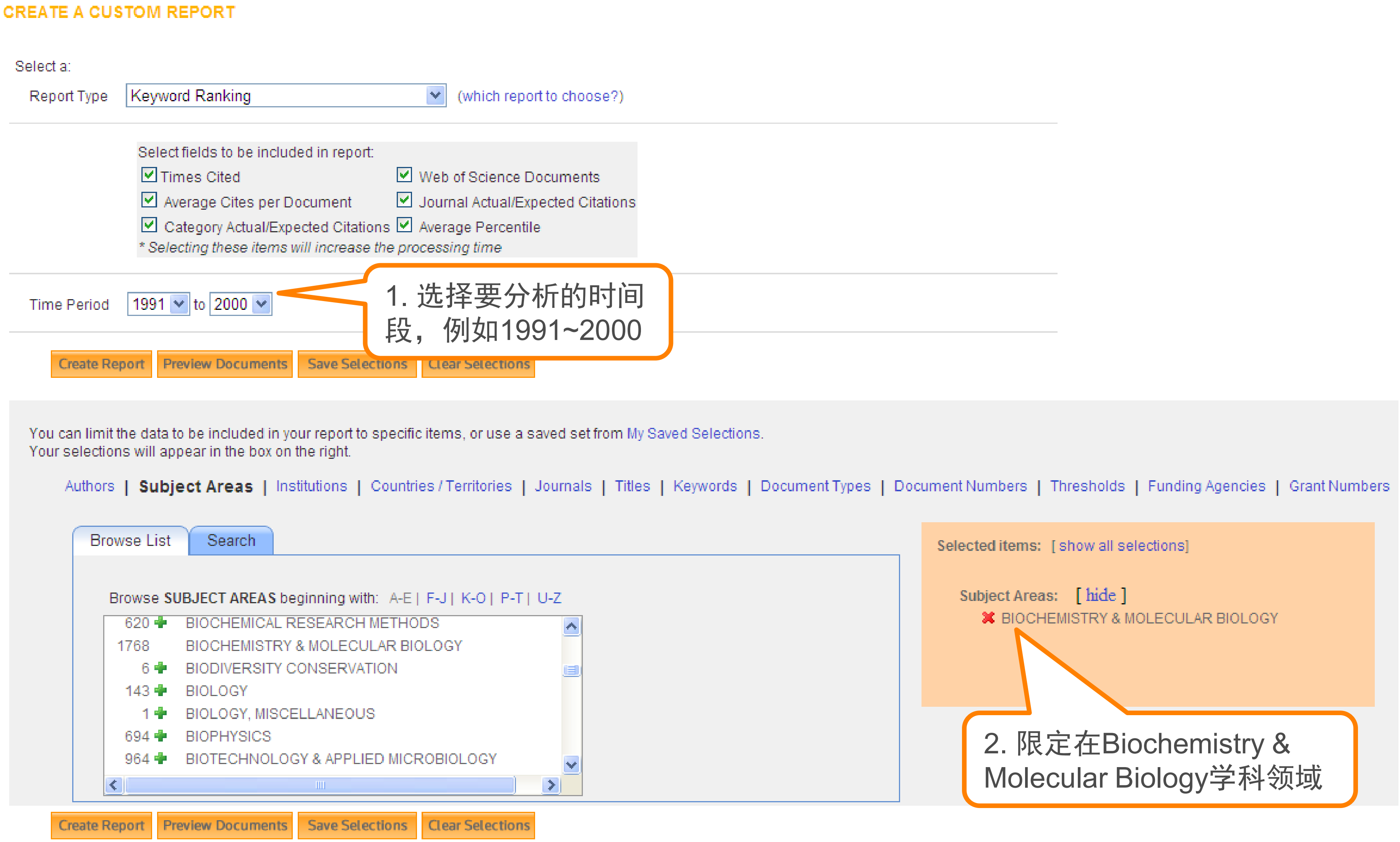
1768	BIOCHEMISTRY & MOLECULAR BIOLOGY
6 ➕	BIODIVERSITY CONSERVATION
143 ➕	BIOLOGY
1 ➕	BIOLOGY, MISCELLANEOUS
694 ➕	BIOPHYSICS
964 ➕	BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Selected items: [show all selections]

Subject Areas: [hide]

✖ BIOCHEMISTRY & MOLECULAR BIOLOGY

选择报告类型”Keyword Ranking”



CREATE A CUSTOM REPORT

Select a:

Report Type: Keyword Ranking

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*

Time Period: 1991 to 2000

You can limit the data to be included in your report to specific items, or use a saved set from My Saved Selections.
Your selections will appear in the box on the right.

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

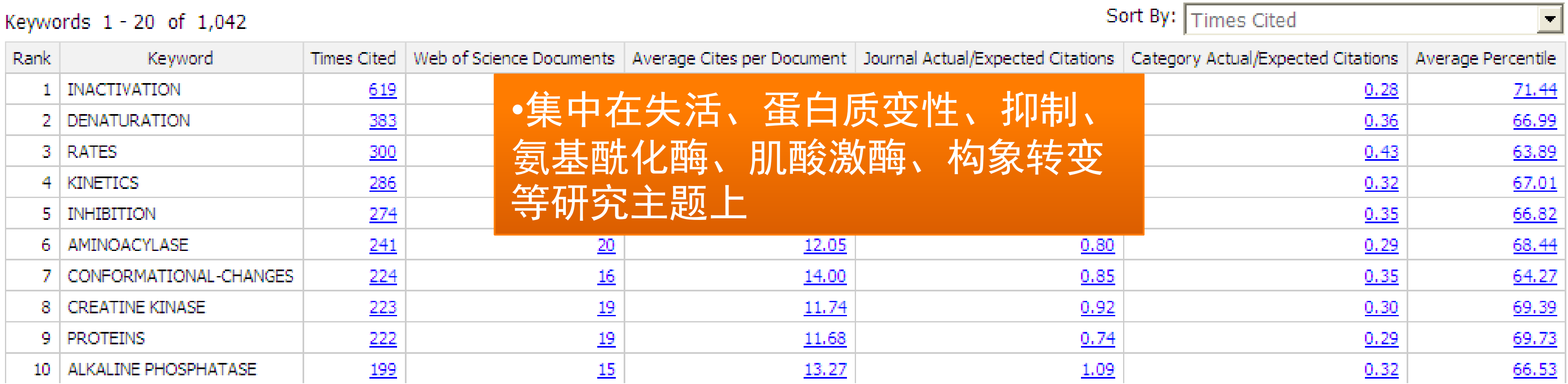
(which report to choose?)
Create Report
Preview Documents
Save Selections
Clear Selections
Authors | Subject Areas | Institutions | Countries / Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Browse List
Search
Create Report
Preview Documents
Save Selections
Clear Selections

1. 选择要分析的时间段，例如1991~2000

2. 限定在Biochemistry & Molecular Biology学科领域

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



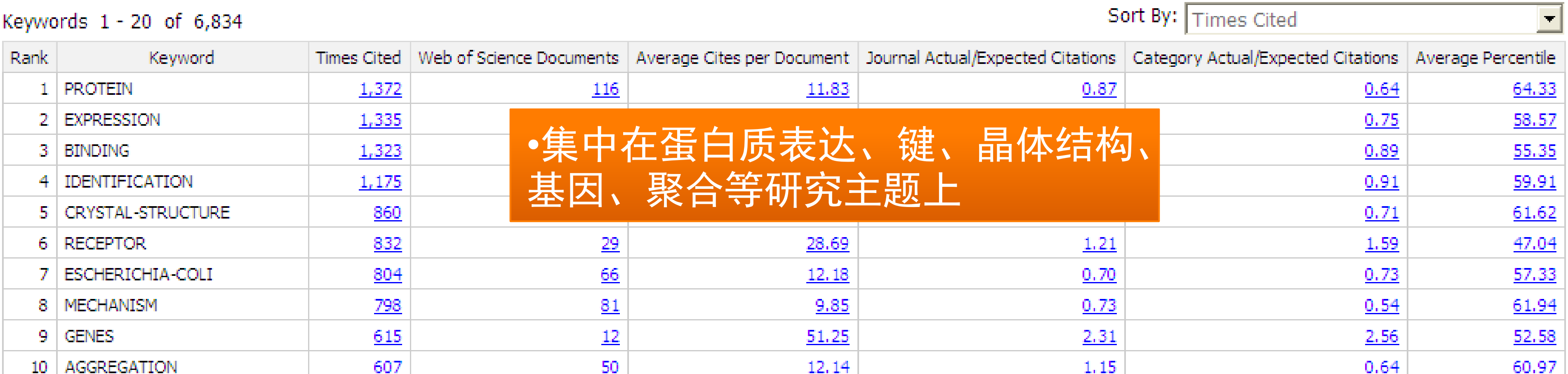
Keywords 1 - 20 of 1,042

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

如何分析和跟踪机构中研究人员/ 团队的研究成果和影响力

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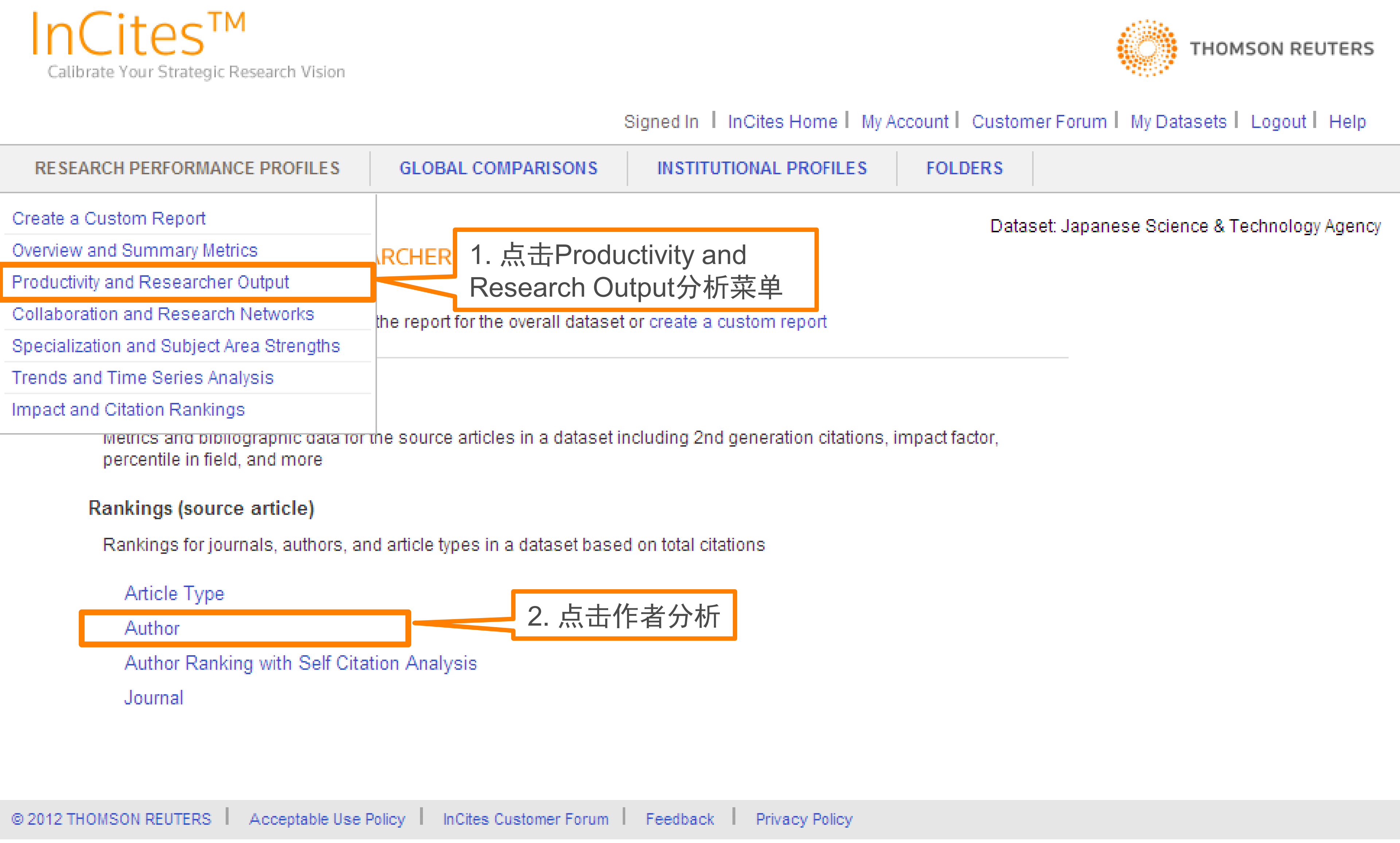

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RESEARCH PERFORMANCE PROFILES | GLOBAL COMPARISONS | INSTITUTIONAL PROFILES | FOLDERS

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

Dataset: Japanese Science & Technology Agency

RCHER

1. 点击Productivity and Research Output分析菜单

the report for the overall dataset or create a custom report

Metrics and bibliographic data for the source articles in a dataset including 2nd generation citations, impact factor, percentile in field, and more

Rankings (source article)

Rankings for journals, authors, and article types in a dataset based on total citations

- Article Type
- Author
- Author Ranking with Self Citation Analysis
- Journal

2. 点击作者分析

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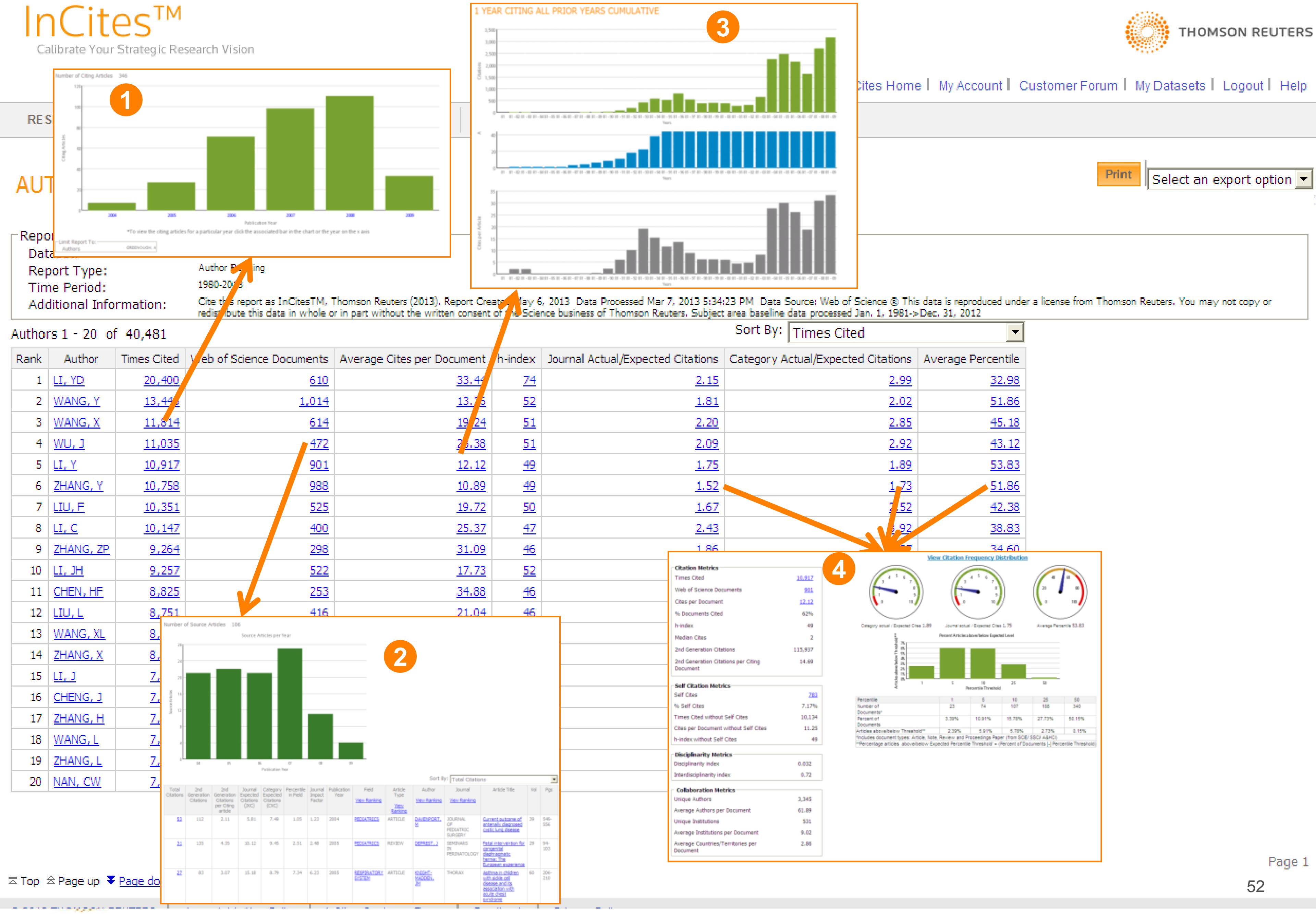
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Calibrate Your Strategic Research Vision
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ites Home | My Account | Customer Forum | My Datasets | Logout | Help
RES
AUT
Print
Select an export option
1
Number of Citing Articles 346
Publication Year
Limit Report To:
Authors
3
1 YEAR CITING ALL PRIOR YEARS CUMULATIVE
Citations
Years
Cites per Article
2
Number of Source Articles 106
Source Articles per Year
Publication Year
Sort By: Total Citations
4
View Citation Frequency Distribution
Category actual / Expected Cites 1.89
Journal actual / Expected Cites 1.75
Average Percentile 53.83
Percent Articles above/below Expected Level
Percentile Threshold
Top
Page up
Page do

*To view the citing articles for a particular year click the associated bar in the chart or the year on the x axis

Repor
Data
Report Type: Author R ing
Time Period: 1980-20
Additional Information: Cite t report as InCitesTM, Thomson Reuters (2013). Report Creat ay 6, 2013 Data Processed Mar 7, 2013 5:34:23 PM Data Source: Web of Science ® This data is reproduced under a license from Thomson Reuters. You may not copy or redist bute this data in whole or in part without the written consent of e Science business of Thomson Reuters. Subject area baseline data processed Jan. 1, 1981->Dec. 31, 2012

Authors 1 - 20 of 40,481

Sort By: Times Cited

Rank	Author	Times Cited	Web of Science Documents	Average Cites per Document	h-index	Journal Actual/Expected Citations	Category Actual/Expected Citations	Average Percentile
1	LI, YD	20,400	610	33.44	74	2.15	2.99	32.98
2	WANG, Y	13,44[illegible]	1,014	13.[illegible]5	52	1.81	2.02	51.86
3	WANG, X	11,814	614	19.24	51	2.20	2.85	45.18
4	WU, J	11,035	472	2[illegible].38	51	2.09	2.92	43.12
5	LI, Y	10,917	901	12.12	49	1.75	1.89	53.83
6	ZHANG, Y	10,758	988	10.89	49	1.52	1.73	51.86
7	LIU, F	10,351	525	19.72	50	1.67	[illegible].52	42.38
8	LI, C	10,147	400	25.37	47	2.43	[illegible].92	38.83
9	ZHANG, ZP	9,264	298	31.09	46	1.86	[illegible]	34.60
10	LI, JH	9,257	522	17.73	52			
11	CHEN, HF	8,825	253	34.88	46			
12	LIU, L	8,751	416	21.04	46			
13	WANG, XL	8,						
14	ZHANG, X	8,						
15	LI, J	7,						
16	CHENG, J	7,						
17	ZHANG, H	7,						
18	WANG, L	7,						
19	ZHANG, L	7,						
20	NAN, CW	7,						

Citation Metrics

Times Cited	10,917
Web of Science Documents	901
Cites per Document	12.12
% Documents Cited	62%
h-index	49
Median Cites	2
2nd Generation Citations	115,937
2nd Generation Citations per Citing Document	14.69

Self Citation Metrics

Self Cites	783
% Self Cites	7.17%
Times Cited without Self Cites	10,134
Cites per Document without Self Cites	11.25
h-index without Self Cites	49

Disciplinarity Metrics

Disciplinarity index	0.032
Interdisciplinarity index	0.72

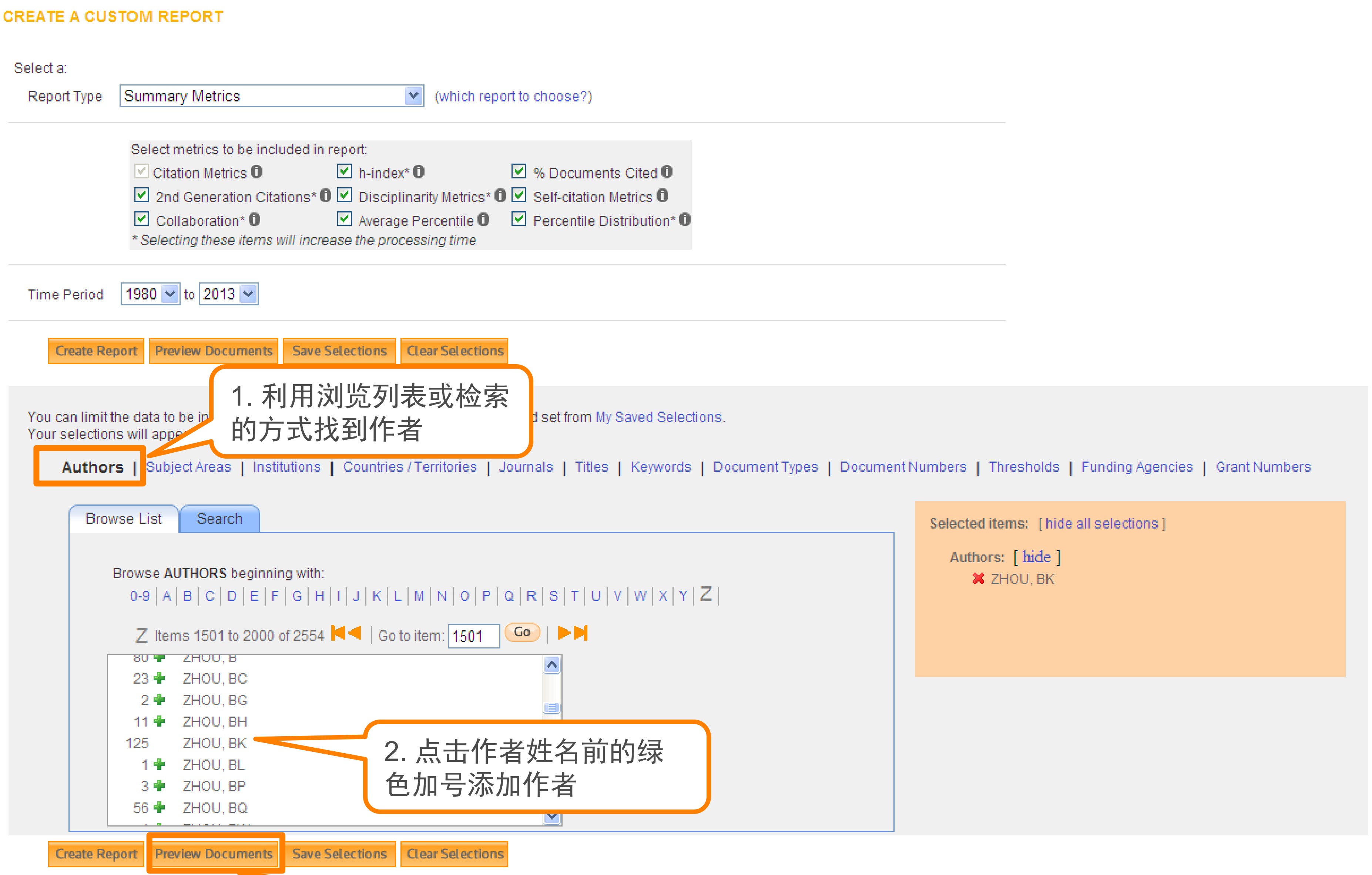
Collaboration Metrics

Unique Authors	3,345
Average Authors per Document	61.89
Unique Institutions	531
Average Institutions per Document	9.02
Average Countries/Territories per Document	2.86

Percentile	1	5	10	25	50
Number of Documents*	23	74	107	188	340
Percent of Documents	3.39%	10.91%	15.78%	27.73%	50.15%
Articles above/below Threshold**	2.39%	5.91%	5.78%	2.73%	0.15%

*Includes document types: Article, Note, Review and Proceedings Paper (from SCIE/ SSCI/ A&HCI)
**Percentage articles above/below Expected Percentile Threshold' = (Percent of Documents [-] Percentile Threshold)

Page 1



CREATE A CUSTOM REPORT

Select a:

Report Type: Summary Metrics (which report to choose?)

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*

* Selecting these items will increase the processing time

Time Period: 1980 to 2013

Create Report
Preview Documents
Save Selections
Clear Selections

You can limit the data to be in… d set from My Saved Selections.
Your selections will appe…

1. 利用浏览列表或检索的方式找到作者

Authors | Subject Areas | Institutions | Countries / Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Browse List
Search

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 |

Z Items 1501 to 2000 of 2554 | Go to item: 1501 Go

80	ZHOU, B
23	ZHOU, BC
2	ZHOU, BG
11	ZHOU, BH
125	ZHOU, BK
1	ZHOU, BL
3	ZHOU, BP
56	ZHOU, BQ

2. 点击作者姓名前的绿色加号添加作者

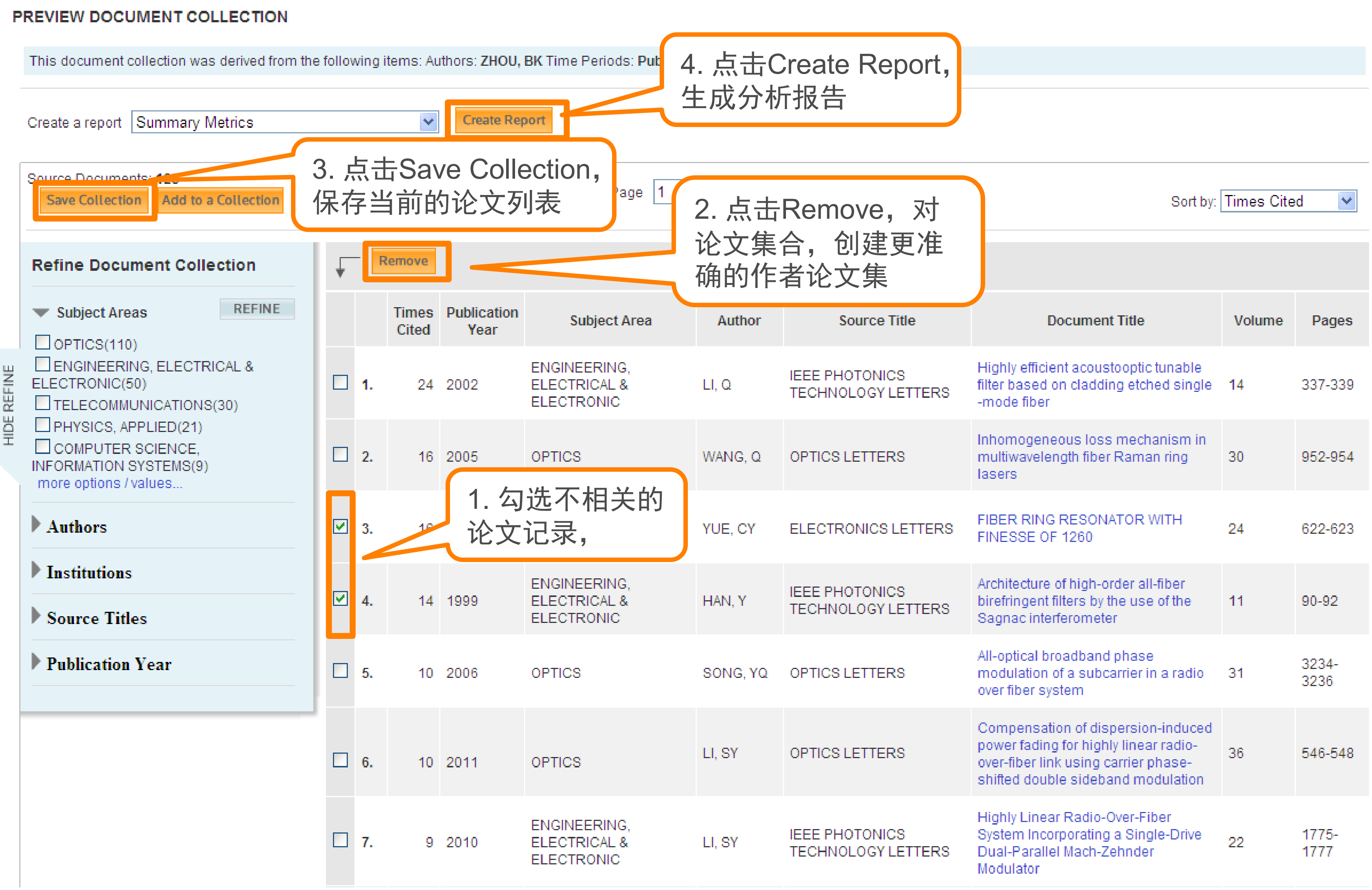
Selected items: [hide all selections]

Authors: [hide]

ZHOU, BK

Create Report
Preview Documents
Save Selections
Clear Selections

3. 生成论文预览列表



PREVIEW DOCUMENT COLLECTION

This document collection was derived from the following items: Authors: **ZHOU, BK** Time Periods: Pub

Create a report: Summary Metrics

Source Documents:

Refine Document Collection

Subject Areas

- ☐ OPTICS(110)
- ☐ ENGINEERING, ELECTRICAL & ELECTRONIC(50)
- ☐ TELECOMMUNICATIONS(30)
- ☐ PHYSICS, APPLIED(21)
- ☐ COMPUTER SCIENCE, INFORMATION SYSTEMS(9)

more options / values...

Authors

Institutions

Source Titles

Publication Year

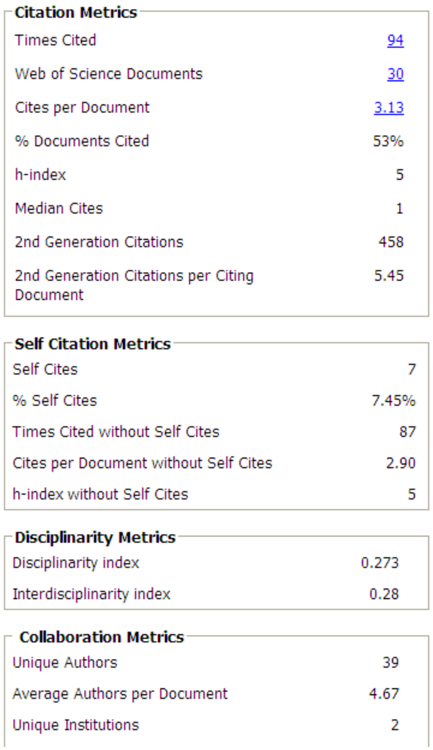
		Times Cited	Publication Year	Subject Area	Author	Source Title	Document Title	Volume	Pages
☐	1.	24	2002	ENGINEERING, ELECTRICAL & ELECTRONIC	LI, Q	IEEE PHOTONICS TECHNOLOGY LETTERS	Highly efficient acoustooptic tunable filter based on cladding etched single -mode fiber	14	337-339
☐	2.	16	2005	OPTICS	WANG, Q	OPTICS LETTERS	Inhomogeneous loss mechanism in multiwavelength fiber Raman ring lasers	30	952-954
☑	3.				YUE, CY	ELECTRONICS LETTERS	FIBER RING RESONATOR WITH FINESSE OF 1260	24	622-623
☑	4.	14	1999	ENGINEERING, ELECTRICAL & ELECTRONIC	HAN, Y	IEEE PHOTONICS TECHNOLOGY LETTERS	Architecture of high-order all-fiber birefringent filters by the use of the Sagnac interferometer	11	90-92
☐	5.	10	2006	OPTICS	SONG, YQ	OPTICS LETTERS	All-optical broadband phase modulation of a subcarrier in a radio over fiber system	31	3234-3236
☐	6.	10	2011	OPTICS	LI, SY	OPTICS LETTERS	Compensation of dispersion-induced power fading for highly linear radio-over-fiber link using carrier phase-shifted double sideband modulation	36	546-548
☐	7.	9	2010	ENGINEERING, ELECTRICAL & ELECTRONIC	LI, SY	IEEE PHOTONICS TECHNOLOGY LETTERS	Highly Linear Radio-Over-Fiber System Incorporating a Single-Drive Dual-Parallel Mach-Zehnder Modulator	22	1775-1777

4. 点击Create Report，生成分析报告

3. 点击Save Collection，保存当前的论文列表

2. 点击Remove，对论文集合，创建更准确的作者论文集

1. 勾选不相关的论文记录，



Citation Metrics

Times Cited	94
Web of Science Documents	30
Cites per Document	3.13
% Documents Cited	53%
h-index	5
Median Cites	1
2nd Generation Citations	458
2nd Generation Citations per Citing Document	5.45

Self Citation Metrics

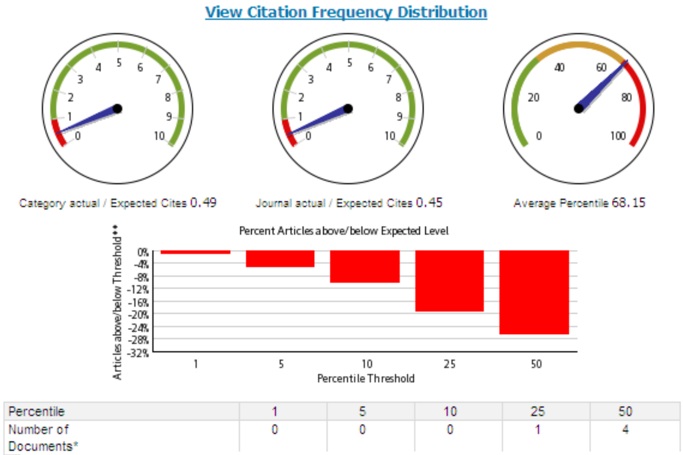
Self Cites	7
% Self Cites	7.45%
Times Cited without Self Cites	87
Cites per Document without Self Cites	2.90
h-index without Self Cites	5

Disciplinarity Metrics

Disciplinarity index	0.273
Interdisciplinarity index	0.28

Collaboration Metrics

Unique Authors	39
Average Authors per Document	4.67
Unique Institutions	2



View Citation Frequency Distribution

Category actual / Expected Cites 0.49

Journal actual / Expected Cites 0.45

Average Percentile 68.15

0
1
2
3
4
5
6
7
8
9
10
0
20
40
60
80
100
Percent Articles above/below Expected Level
Articles above/below Threshold**
0%
-4%
-8%
-12%
-16%
-20%
-24%
-28%
-32%
1
5
10
25
50
Percentile Threshold

Percentile	1	5	10	25	50
Number of Documents*	0	0	0	1	4

Pe
Dc
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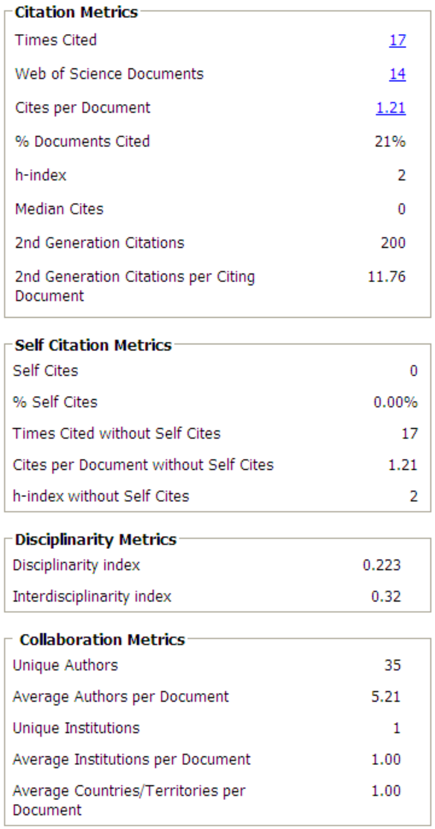
*In
**P



Citation Metrics

Times Cited	17
Web of Science Documents	14
Cites per Document	1.21
% Documents Cited	21%
h-index	2
Median Cites	0
2nd Generation Citations	200
2nd Generation Citations per Citing Document	11.76

Self Citation Metrics

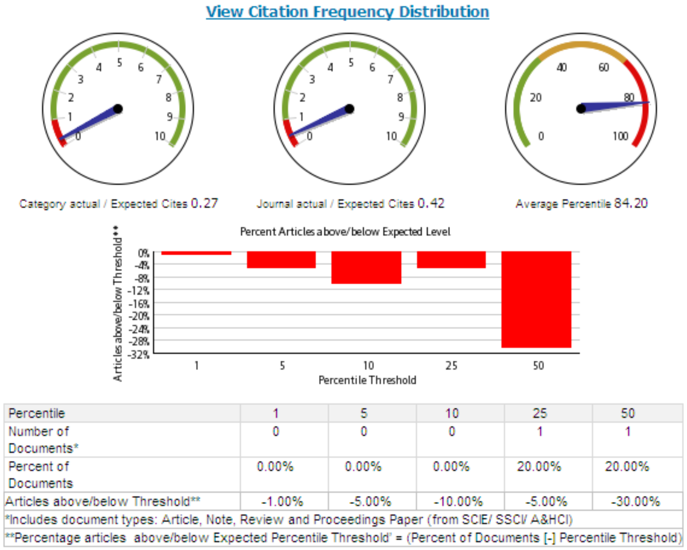
Self Cites	0
% Self Cites	0.00%
Times Cited without Self Cites	17
Cites per Document without Self Cites	1.21
h-index without Self Cites	2

Disciplinarity Metrics

Disciplinarity index	0.223
Interdisciplinarity index	0.32

Collaboration Metrics

Unique Authors	35
Average Authors per Document	5.21
Unique Institutions	1
Average Institutions per Document	1.00
Average Countries/Territories per Document	1.00



View Citation Frequency Distribution

Category actual / Expected Cites 0.27

Journal actual / Expected Cites 0.42

Average Percentile 84.20

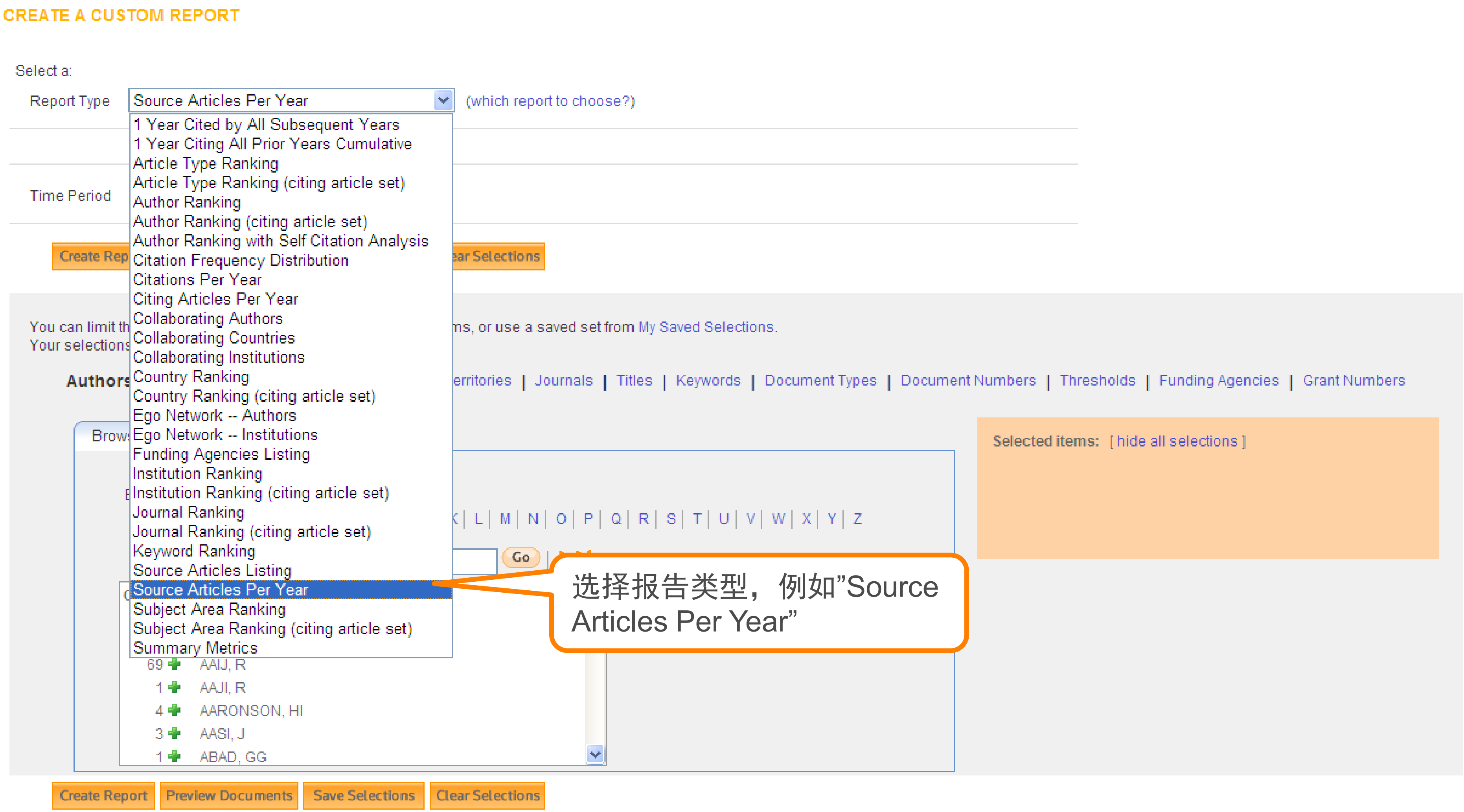
0
1
2
3
4
5
6
7
8
9
10
0
20
40
60
80
100
Percent Articles above/below Expected Level
Articles above/below Threshold**
0%
-4%
-8%
-12%
-16%
-20%
-24%
-28%
-32%
1
5
10
25
50
Percentile Threshold

Percentile	1	5	10	25	50
Number of Documents*	0	0	0	1	1
Percent of Documents	0.00%	0.00%	0.00%	20.00%	20.00%
Articles above/below Threshold**	-1.00%	-5.00%	-10.00%	-5.00%	-30.00%

*Includes document types: Article, Note, Review and Proceedings Paper (from SCIE/ SSCI/ A&HCI)

**Percentage articles above/below Expected Percentile Threshold' = (Percent of Documents [-] Percentile Threshold)

THOMSON REUTERS
汤森路透



CREATE A CUSTOM REPORT

Select a:

Report Type: Source Articles Per Year (which report to choose?)

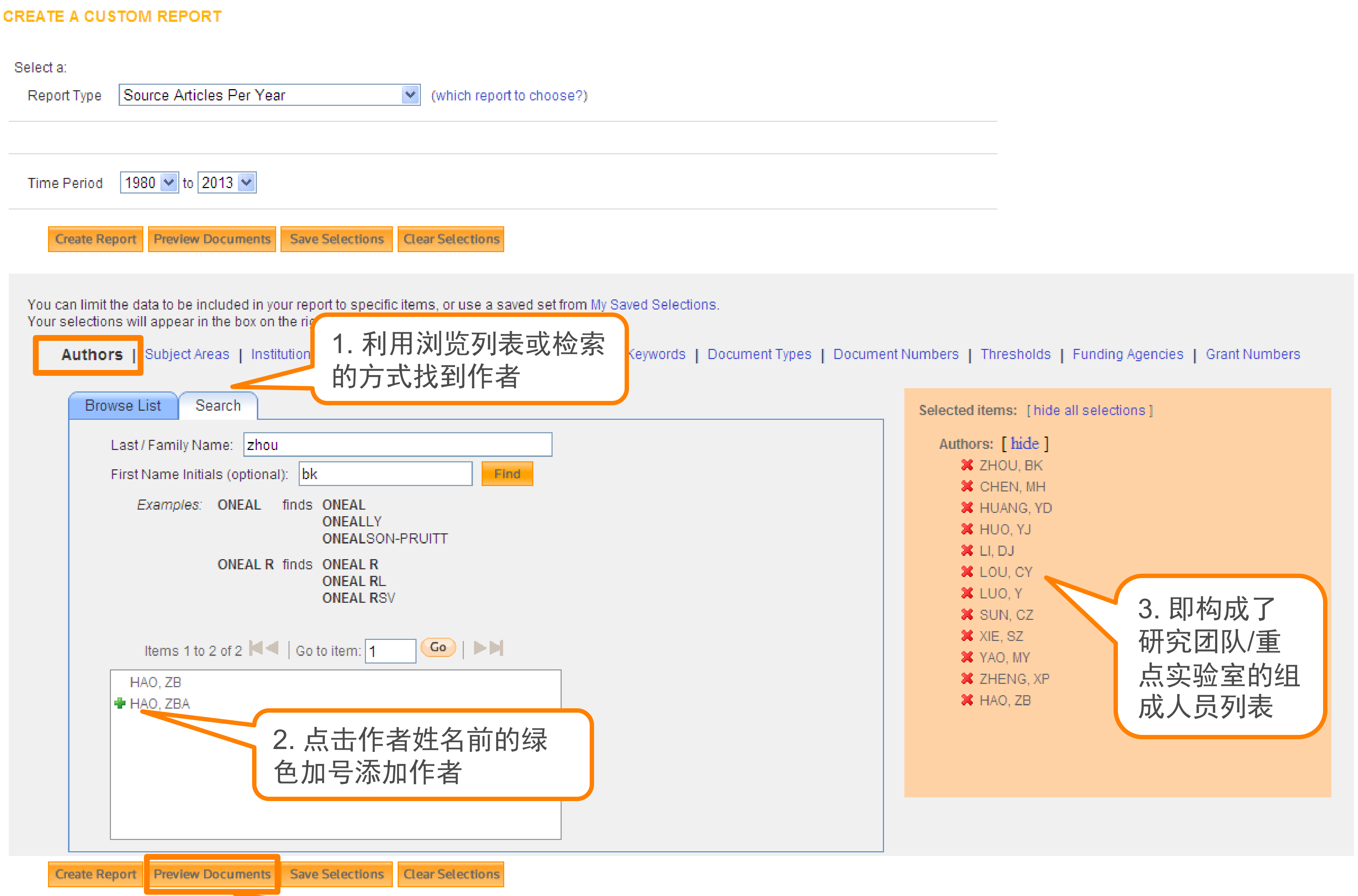
- 1 Year Cited by All Subsequent Years
- 1 Year Citing All Prior Years Cumulative
- Article Type Ranking
- Article Type Ranking (citing article set)
- Author Ranking
- Author Ranking (citing article set)
- Author Ranking with Self Citation Analysis
- Citation Frequency Distribution
- Citations Per Year
- 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

Time Period

You can limit th… ms, or use a saved set from My Saved Selections.
Your selections

Create Rep
ear Selections
Authors
erritories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Brows
K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z
Go
Selected items: [hide all selections]
69 AAIJ, R
1 AAJI, R
4 AARONSON, HI
3 AASI, J
1 ABAD, GG
Create Report
Preview Documents
Save Selections
Clear Selections

选择报告类型，例如”Source Articles Per Year”



CREATE A CUSTOM REPORT

Select a:

Report Type: Source Articles Per Year (which report to choose?)

Time Period: 1980 to 2013

Create Report
Preview Documents
Save Selections
Clear Selections

You can limit the data to be included in your report to specific items, or use a saved set from My Saved Selections.
Your selections will appear in the box on the ri

Authors | Subject Areas | Institution
Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Browse List
Search

Last / Family Name: zhou

First Name Initials (optional): bk

Find

Examples: ONEAL finds ONEAL
ONEALLY
ONEALSON-PRUITT

ONEAL R finds ONEAL R
ONEAL RL
ONEAL RSV

Items 1 to 2 of 2 | Go to item: 1

HAO, ZB
HAO, ZBA

Selected items: [hide all selections]

Authors: [hide]

- ZHOU, BK
- CHEN, MH
- HUANG, YD
- HUO, YJ
- LI, DJ
- LOU, CY
- LUO, Y
- SUN, CZ
- XIE, SZ
- YAO, MY
- ZHENG, XP
- HAO, ZB

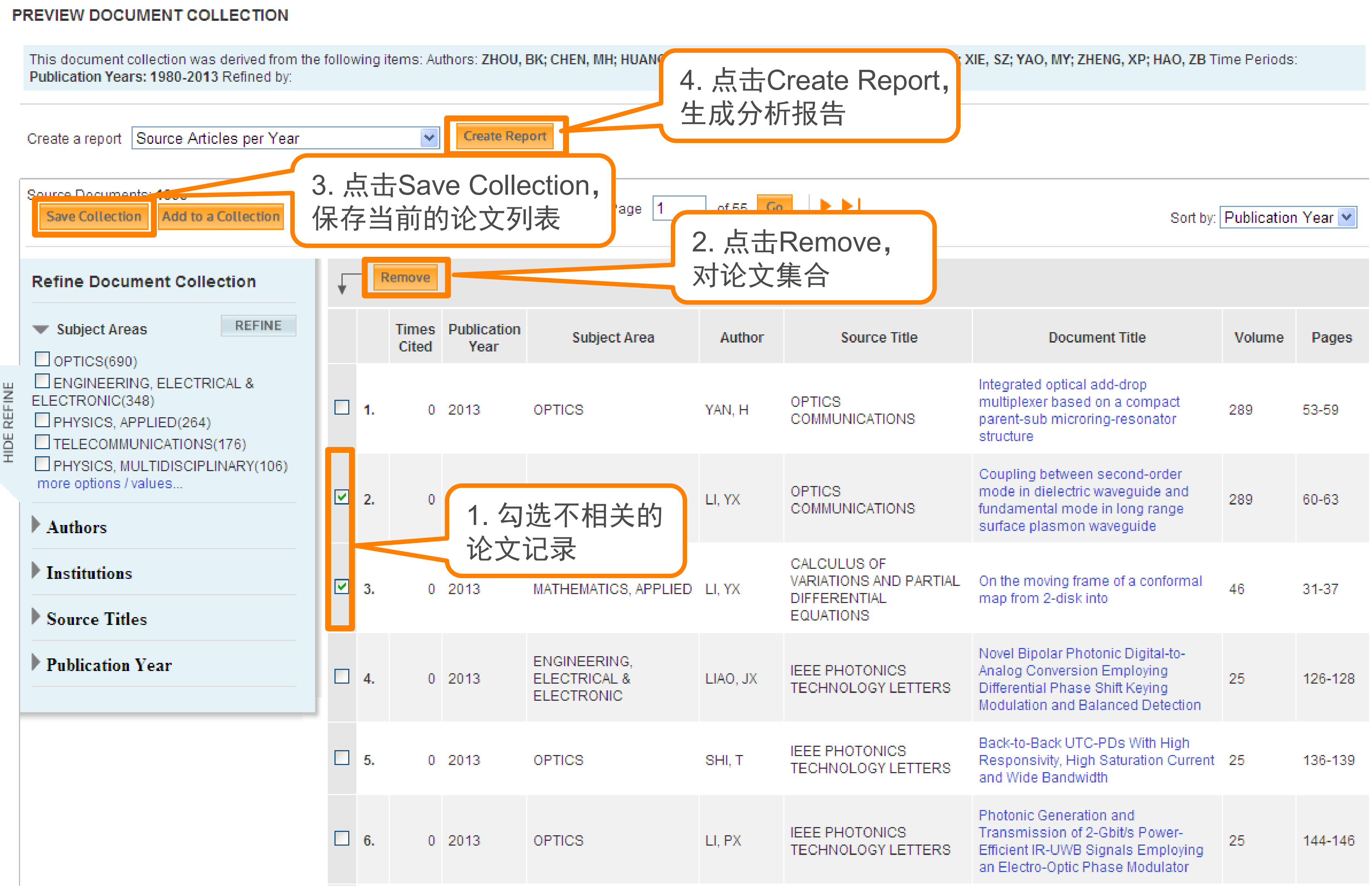
Create Report
Preview Documents
Save Selections
Clear Selections

1. 利用浏览列表或检索的方式找到作者

2. 点击作者姓名前的绿色加号添加作者

3. 即构成了研究团队/重点实验室的组成人员列表

4. 生成论文预览列表



PREVIEW DOCUMENT COLLECTION

This document collection was derived from the following items: Authors: **ZHOU, BK; CHEN, MH; HUAN** **XIE, SZ; YAO, MY; ZHENG, XP; HAO, ZB** Time Periods: **Publication Years: 1980-2013** Refined by:

Create a report: Source Articles per Year — Create Report

Source Documents: Save Collection | Add to a Collection | Page 1 of 55 Go | Sort by: Publication Year

Refine Document Collection

Subject Areas — REFINE

☐ OPTICS(690)
☐ ENGINEERING, ELECTRICAL & ELECTRONIC(348)
☐ PHYSICS, APPLIED(264)
☐ TELECOMMUNICATIONS(176)
☐ PHYSICS, MULTIDISCIPLINARY(106)
more options / values...

- Authors
- Institutions
- Source Titles
- Publication Year

Remove

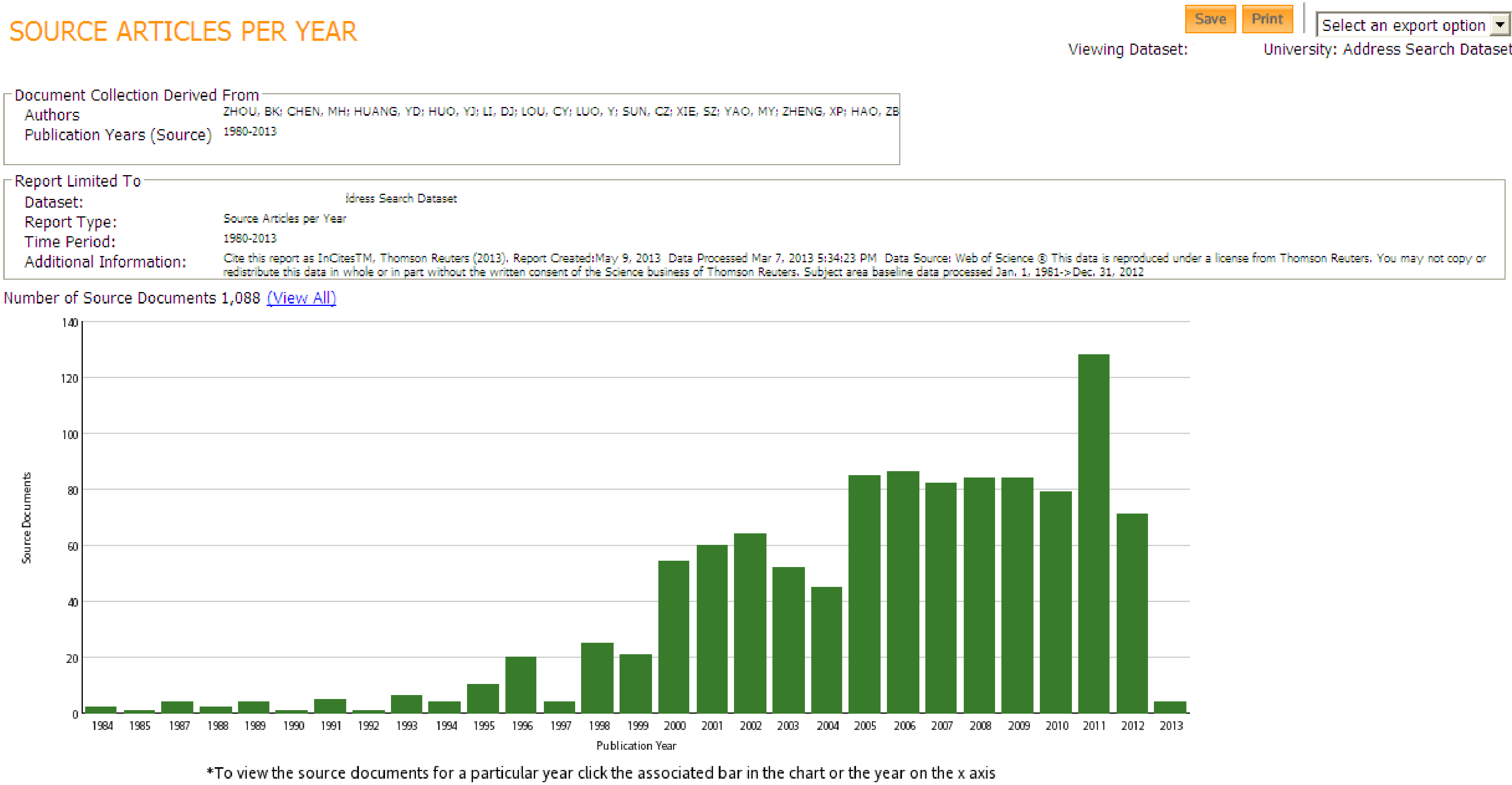
		Times Cited	Publication Year	Subject Area	Author	Source Title	Document Title	Volume	Pages
☐	1.	0	2013	OPTICS	YAN, H	OPTICS COMMUNICATIONS	Integrated optical add-drop multiplexer based on a compact parent-sub microring-resonator structure	289	53-59
☑	2.	0			LI, YX	OPTICS COMMUNICATIONS	Coupling between second-order mode in dielectric waveguide and fundamental mode in long range surface plasmon waveguide	289	60-63
☑	3.	0	2013	MATHEMATICS, APPLIED	LI, YX	CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS	On the moving frame of a conformal map from 2-disk into	46	31-37
☐	4.	0	2013	ENGINEERING, ELECTRICAL & ELECTRONIC	LIAO, JX	IEEE PHOTONICS TECHNOLOGY LETTERS	Novel Bipolar Photonic Digital-to-Analog Conversion Employing Differential Phase Shift Keying Modulation and Balanced Detection	25	126-128
☐	5.	0	2013	OPTICS	SHI, T	IEEE PHOTONICS TECHNOLOGY LETTERS	Back-to-Back UTC-PDs With High Responsivity, High Saturation Current and Wide Bandwidth	25	136-139
☐	6.	0	2013	OPTICS	LI, PX	IEEE PHOTONICS TECHNOLOGY LETTERS	Photonic Generation and Transmission of 2-Gbit/s Power-Efficient IR-UWB Signals Employing an Electro-Optic Phase Modulator	25	144-146

1. 勾选不相关的论文记录

2. 点击Remove，对论文集合

3. 点击Save Collection，保存当前的论文列表

4. 点击Create Report，生成分析报告


Save
Print
Select an export option

SOURCE ARTICLES PER YEAR

Viewing Dataset: University: Address Search Dataset

Document Collection Derived From
Authors ZHOU, BK; CHEN, MH; HUANG, YD; HUO, YJ; LI, DJ; LOU, CY; LUO, Y; SUN, CZ; XIE, SZ; YAO, MY; ZHENG, XP; HAO, ZB
Publication Years (Source) 1980-2013

Report Limited To
Dataset: ldress Search Dataset
Report Type: Source Articles per Year
Time Period: 1980-2013
Additional Information: Cite this report as InCitesTM, Thomson Reuters (2013). Report Created:May 9, 2013 Data Processed Mar 7, 2013 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, 2012

Number of Source Documents 1,088 (View All)

Source Documents
0
20
40
60
80
100
120
140
1984
1985
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
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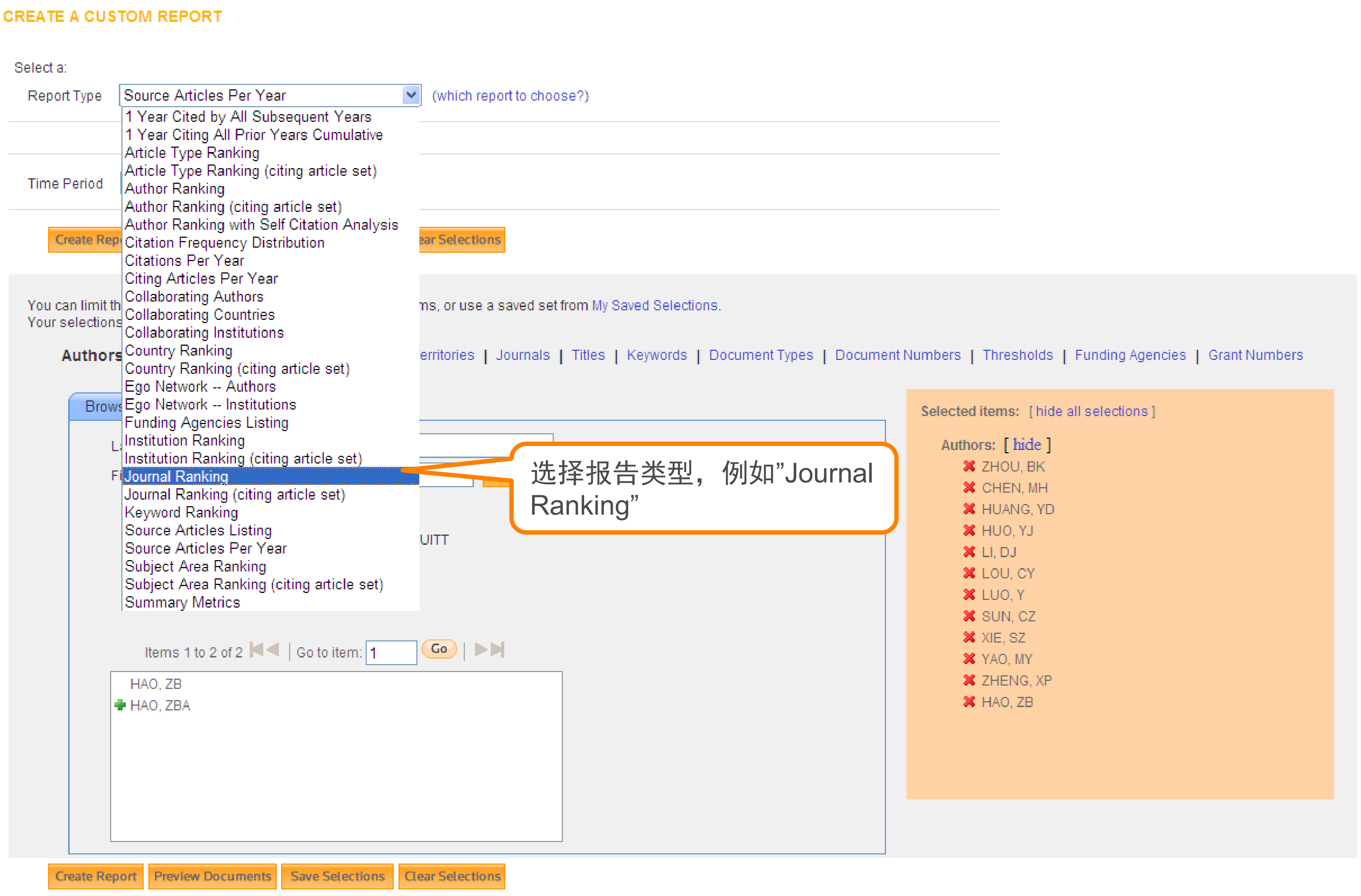
2009
2010
2011
2012
2013
Publication Year

*To view the source documents for a particular year click the associated bar in the chart or the year on the x axis


CREATE A CUSTOM REPORT

Select a:

Report Type: Source Articles Per Year (which report to choose?)

1 Year Cited by All Subsequent Years
1 Year Citing All Prior Years Cumulative
Article Type Ranking
Article Type Ranking (citing article set)
Author Ranking
Author Ranking (citing article set)
Author Ranking with Self Citation Analysis
Citation Frequency Distribution
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
Time Period
Create Rep
ear Selections
You can limit th
Your selections
ms, or use a saved set from My Saved Selections.
Authors
erritories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Brows
UITT
Items 1 to 2 of 2 | Go to item: 1 Go
HAO, ZB
HAO, ZBA
Create Report
Preview Documents
Save Selections
Clear Selections

Selected items: [hide all selections]

Authors: [hide]
ZHOU, BK
CHEN, MH
HUANG, YD
HUO, YJ
LI, DJ
LOU, CY
LUO, Y
SUN, CZ
XIE, SZ
YAO, MY
ZHENG, XP
HAO, ZB

选择报告类型，例如”Journal Ranking”

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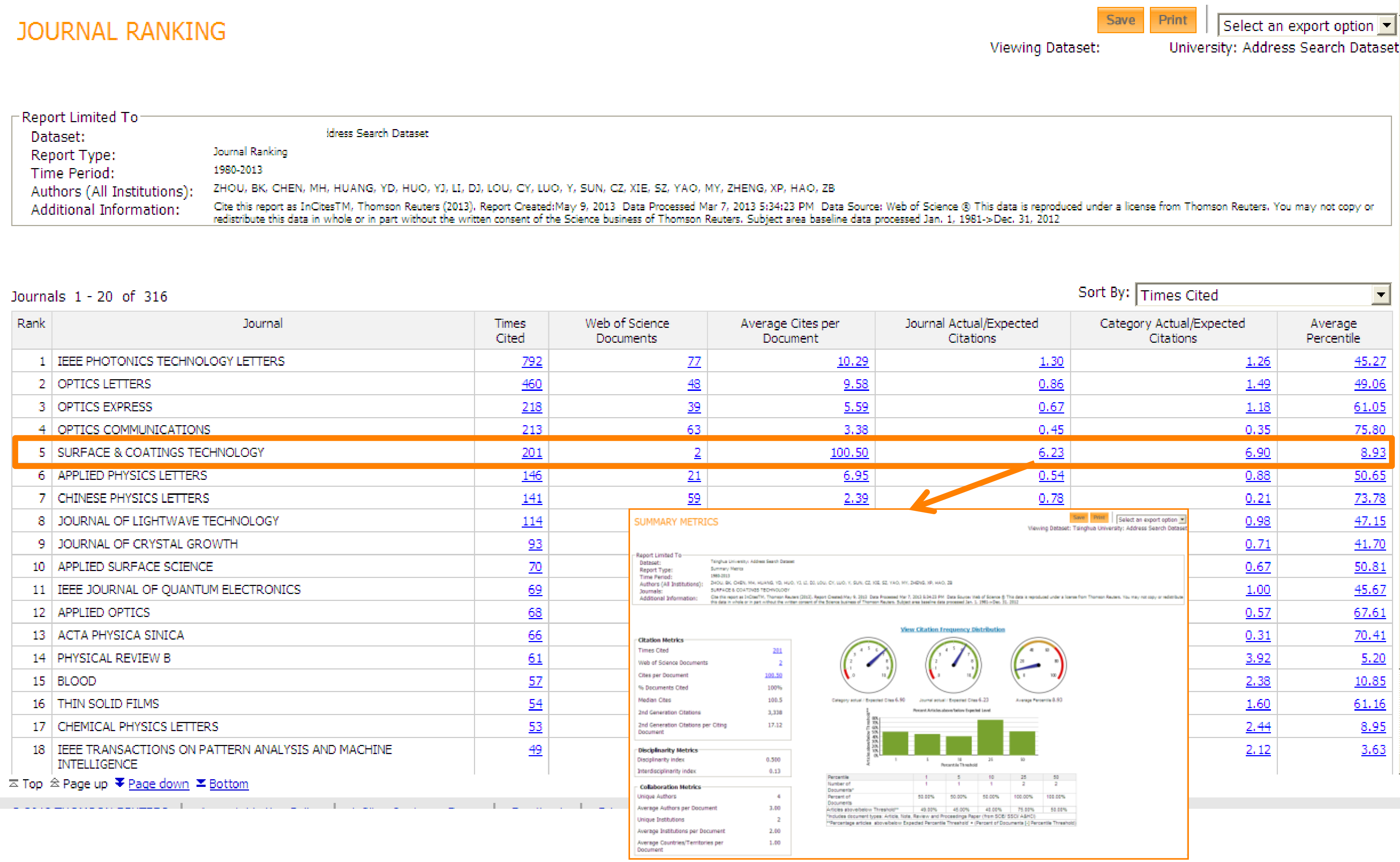

JOURNAL RANKING

Viewing Dataset: University: Address Search Dataset

Report Limited To
Dataset: ldress Search Dataset
Report Type: Journal Ranking
Time Period: 1980-2013
Authors (All Institutions): ZHOU, BK, CHEN, MH, HUANG, YD, HUO, YJ, LI, DJ, LOU, CY, LUO, Y, SUN, CZ, XIE, SZ, YAO, MY, ZHENG, XP, HAO, ZB
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Journals 1 - 20 of 316

Sort By: Times Cited

Rank	Journal	Times Cited	Web of Science Documents	Average Cites per Document	Journal Actual/Expected Citations	Category Actual/Expected Citations	Average Percentile
1	IEEE PHOTONICS TECHNOLOGY LETTERS	792	77	10.29	1.30	1.26	45.27
2	OPTICS LETTERS	460	48	9.58	0.86	1.49	49.06
3	OPTICS EXPRESS	218	39	5.59	0.67	1.18	61.05
4	OPTICS COMMUNICATIONS	213	63	3.38	0.45	0.35	75.80
5	SURFACE & COATINGS TECHNOLOGY	201	2	100.50	6.23	6.90	8.93
6	APPLIED PHYSICS LETTERS	146	21	6.95	0.54	0.88	50.65
7	CHINESE PHYSICS LETTERS	141	59	2.39	0.78	0.21	73.78
8	JOURNAL OF LIGHTWAVE TECHNOLOGY	114				0.98	47.15
9	JOURNAL OF CRYSTAL GROWTH	93				0.71	41.70
10	APPLIED SURFACE SCIENCE	70				0.67	50.81
11	IEEE JOURNAL OF QUANTUM ELECTRONICS	69				1.00	45.67
12	APPLIED OPTICS	68				0.57	67.61
13	ACTA PHYSICA SINICA	66				0.31	70.41
14	PHYSICAL REVIEW B	61				3.92	5.20
15	BLOOD	57				2.38	10.85
16	THIN SOLID FILMS	54				1.60	61.16
17	CHEMICAL PHYSICS LETTERS	53				2.44	8.95
18	IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	49				2.12	3.63

SUMMARY METRICS

Viewing Dataset: Tsinghua University: Address Search Dataset

Report Limited To
Dataset: Tsinghua University: Address Search Dataset
Report Type: Summary Metrics
Time Period: 1980-2013
Authors (All Institutions): ZHOU, BK, CHEN, MH, HUANG, YD, HUO, YJ, LI, DJ, LOU, CY, LUO, Y, SUN, CZ, XIE, SZ, YAO, MY, ZHENG, XP, HAO, ZB
Journals: SURFACE & COATINGS TECHNOLOGY
Additional Information: Cite this report as InCitesTM, Thomson Reuters (2013). Report Created:May 9, 2013 Data Processed Mar 7, 2013 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, 2012

Citation Metrics

Times Cited	201
Web of Science Documents	2
Cites per Document	100.50
% Documents Cited	100%
Median Cites	100.5
2nd Generation Citations	3,338
2nd Generation Citations per Citing Document	17.12

Disciplinarity Metrics

Disciplinarity index	0.500
Interdisciplinarity index	0.13

Collaboration Metrics

Unique Authors	4
Average Authors per Document	3.00
Unique Institutions	2
Average Institutions per Document	2.00
Average Countries/Territories per Document	1.00

View Citation Frequency Distribution

0
1
2
3
4
5
6
7
8
9
10
Category actual / Expected Cites 6.90
Journal actual / Expected Cites 6.23
0
20
40
60
80
100
Average Percentile 8.93
Percent Articles above/below Expected Level
Articles above/below Threshold**
0%
10%
20%
30%
40%
50%
60%
70%
80%
1
5
10
25
50
Percentile Threshold

Percentile	1	5	10	25	50
Number of Documents*	1	1	1	2	2
Percent of Documents	50.00%	50.00%	50.00%	100.00%	100.00%
Articles above/below Threshold**	49.00%	45.00%	40.00%	75.00%	50.00%

*Includes document types: Article, Note, Review and Proceedings Paper (from SCIE/ SSCI/ A&HCI)
**Percentage articles above/below Expected Percentile Threshold' = (Percent of Documents [-] Percentile Threshold)

如何考察合作机构以及合作论文的影响力

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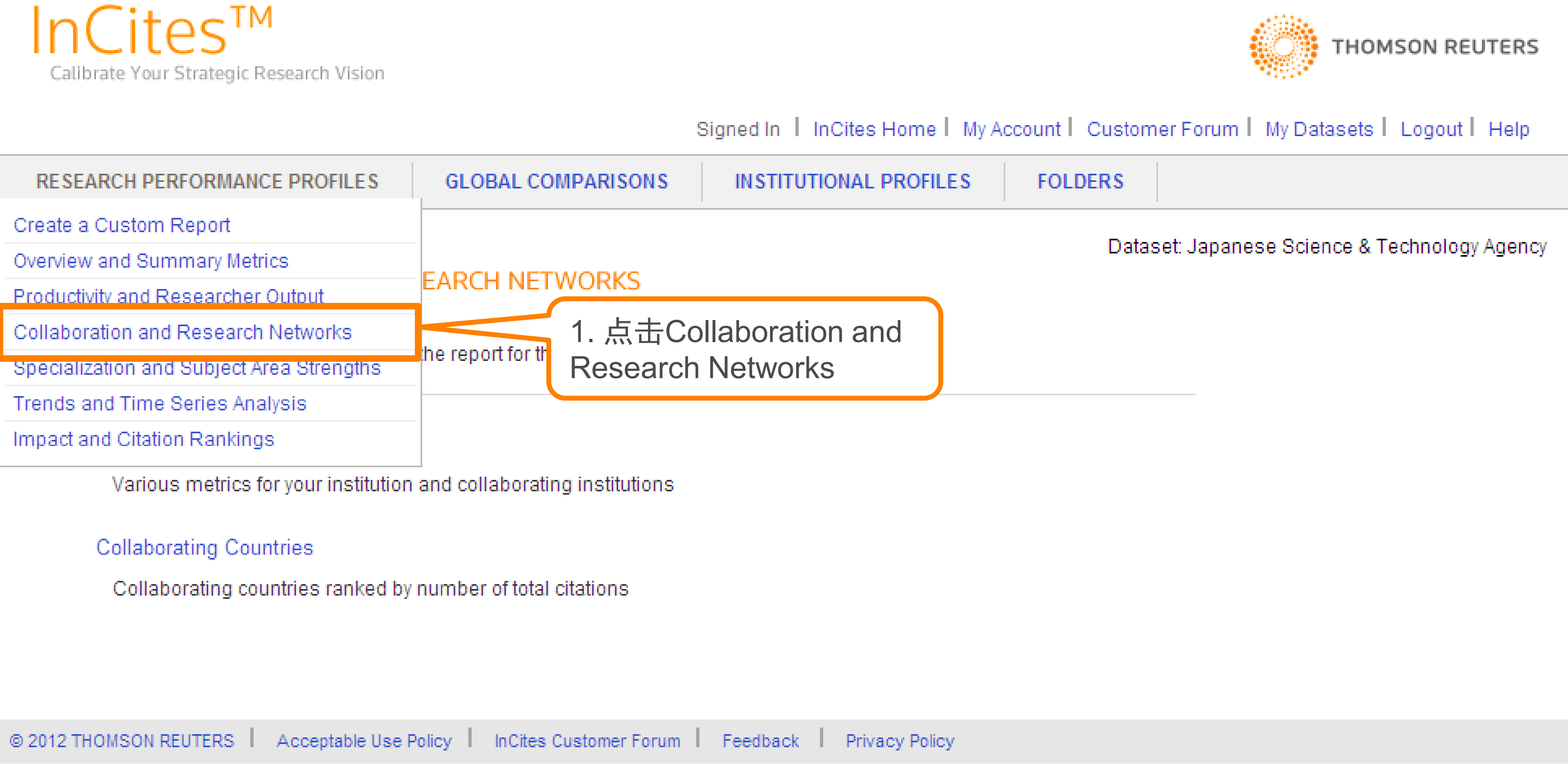

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RESEARCH PERFORMANCE PROFILES | GLOBAL COMPARISONS | INSTITUTIONAL PROFILES | FOLDERS

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

Dataset: Japanese Science & Technology Agency

EARCH NETWORKS

he report for th

Various metrics for your institution and collaborating institutions

Collaborating Countries

Collaborating countries ranked by number of total citations

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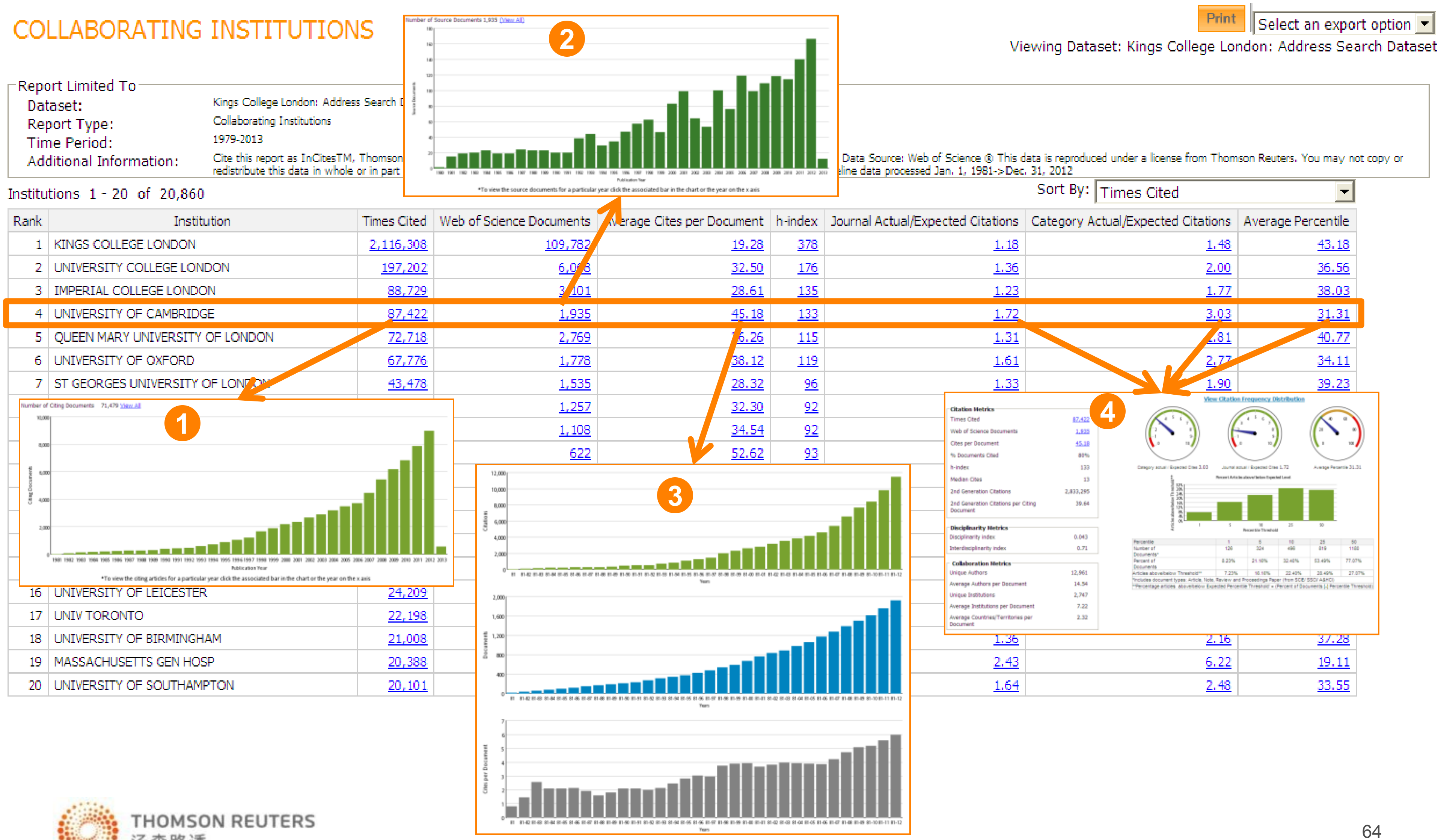
1. 点击Collaboration and Research Networks

全面评估合作伙伴



COLLABORATING INSTITUTIONS

Viewing Dataset: Kings College London: Address Search Dataset

Report Limited To

Dataset:	Kings College London: Address Search D
Report Type:	Collaborating Institutions
Time Period:	1979-2013
Additional Information:	Cite this report as InCitesTM, Thomson redistribute this data in whole or in part

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eline data processed Jan. 1, 1981->Dec. 31, 2012

Institutions 1 - 20 of 20,860

Sort By: Times Cited

Rank	Institution	Times Cited	Web of Science Documents	Average Cites per Document	h-index	Journal Actual/Expected Citations	Category Actual/Expected Citations	Average Percentile
1	KINGS COLLEGE LONDON	2,116,308	109,782	19.28	378	1.18	1.48	43.18
2	UNIVERSITY COLLEGE LONDON	197,202	[illegible]	32.50	176	1.36	2.00	36.56
3	IMPERIAL COLLEGE LONDON	88,729	3,101	28.61	135	1.23	1.77	38.03
4	UNIVERSITY OF CAMBRIDGE	87,422	1,935	45.18	133	1.72	3.03	31.31
5	QUEEN MARY UNIVERSITY OF LONDON	72,718	2,769	[illegible]	115	1.31	[illegible]	40.77
6	UNIVERSITY OF OXFORD	67,776	1,778	38.12	119	1.61	2.77	34.11
7	ST GEORGES UNIVERSITY OF LONDON	43,478	1,535	28.32	96	1.33	1.90	39.23
			1,257	32.30	92			
			1,108	34.54	92			
			622	52.62	93			
16	UNIVERSITY OF LEICESTER	24,209						
17	UNIV TORONTO	22,198						
18	UNIVERSITY OF BIRMINGHAM	21,008				1.36	2.16	37.28
19	MASSACHUSETTS GEN HOSP	20,388				2.43	6.22	19.11
20	UNIVERSITY OF SOUTHAMPTON	20,101				1.64	2.48	33.55

Citation Metrics

Times Cited	87,422
Web of Science Documents	1,935
Cites per Document	45.18
% Documents Cited	88%
h-index	133
Median Cites	13
2nd Generation Citations	2,833,295
2nd Generation Citations per Citing Document	39.64

Disciplinarity Metrics

Disciplinarity index	0.043
Interdisciplinarity index	0.71

Collaboration Metrics

Unique Authors	12,961
Average Authors per Document	14.54
Unique Institutions	2,747
Average Institutions per Document	7.22
Average Countries/Territories per Document	2.32

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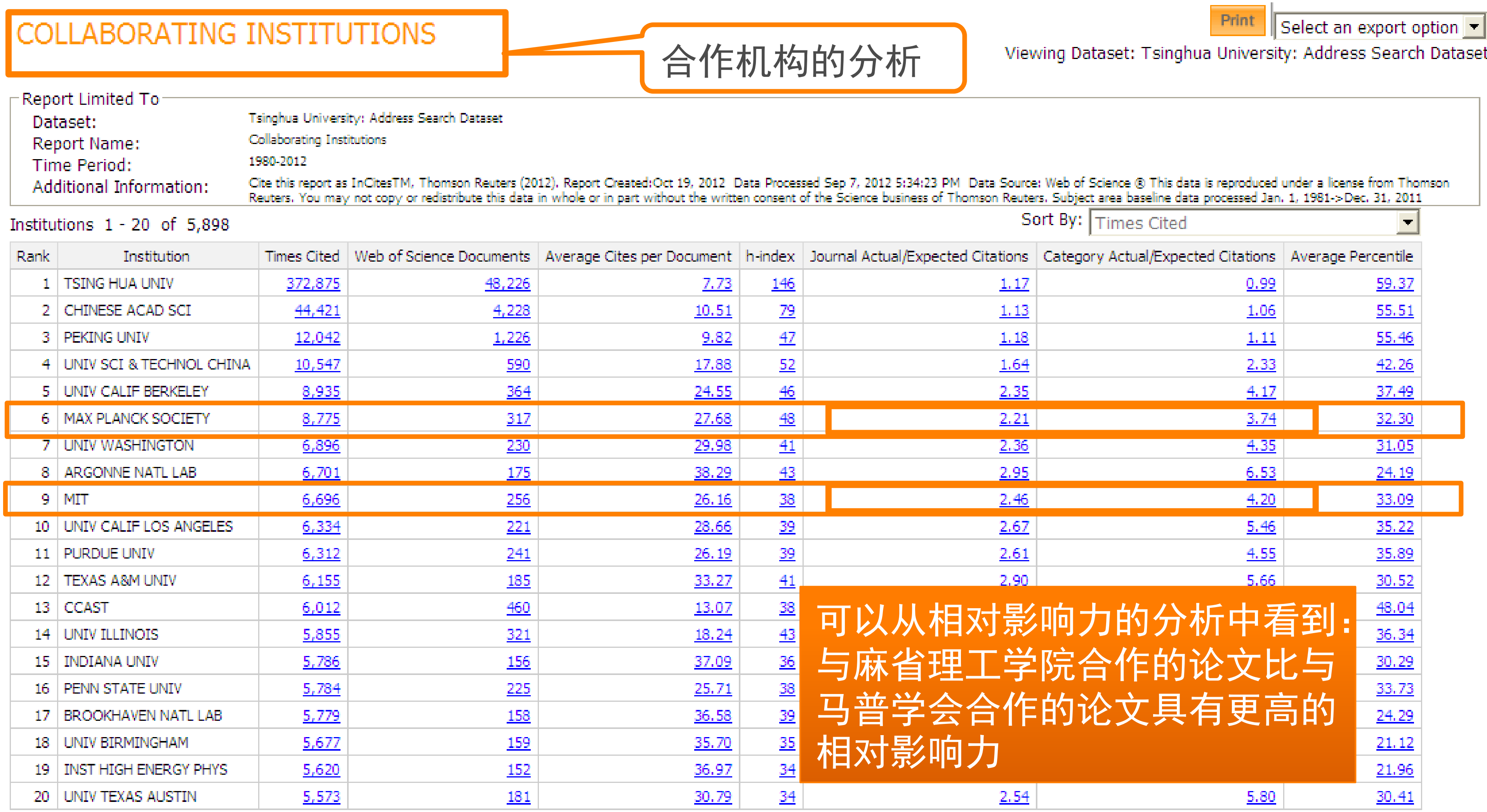
筛选高效合作伙伴



COLLABORATING INSTITUTIONS

合作机构的分析

Viewing Dataset: Tsinghua University: Address Search Dataset

Report Limited To

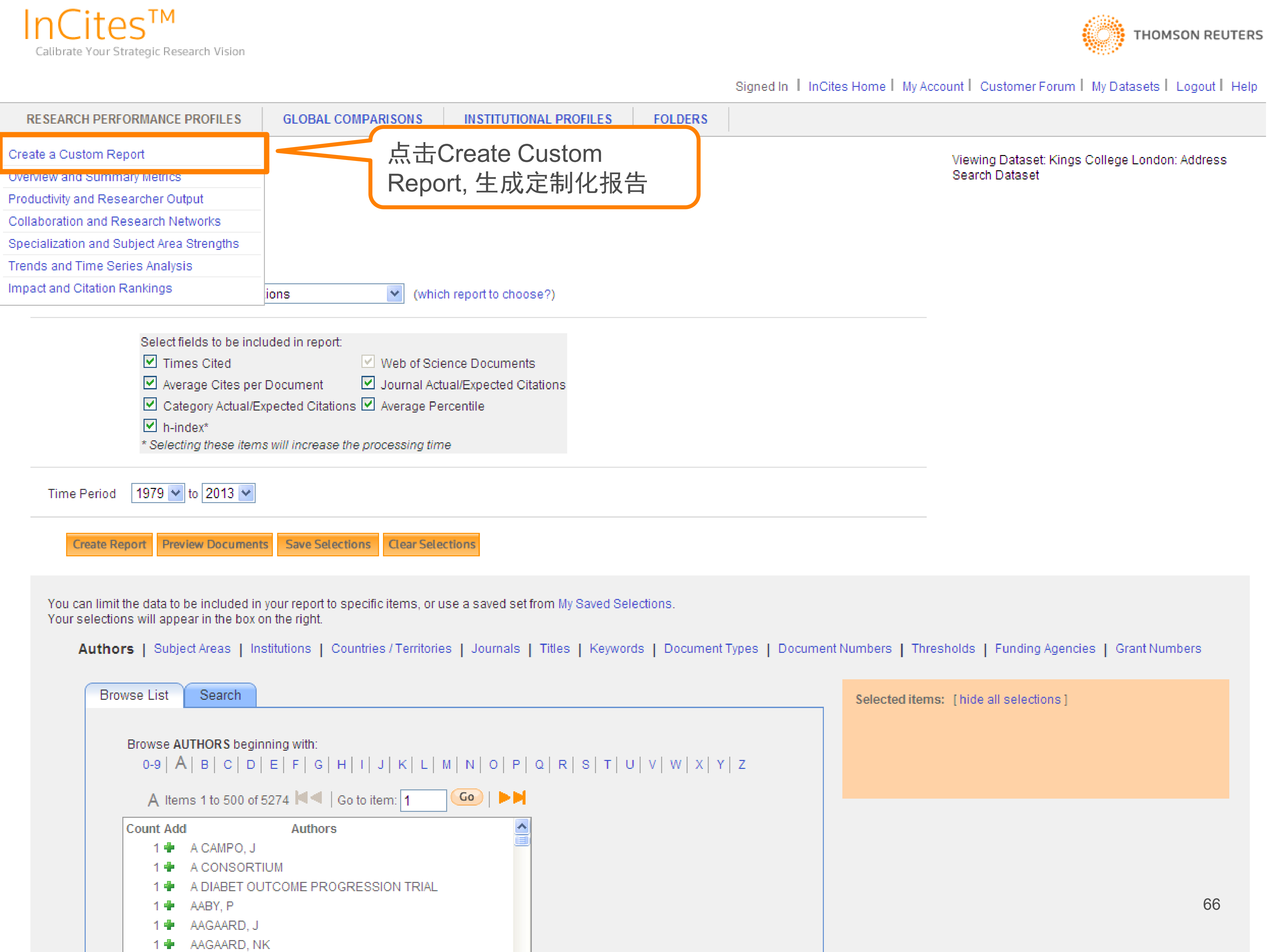
Dataset:	Tsinghua University: Address Search Dataset
Report Name:	Collaborating Institutions
Time Period:	1980-2012
Additional Information:	Cite this report as InCitesTM, Thomson Reuters (2012). Report Created:Oct 19, 2012 Data Processed Sep 7, 2012 5:34:23 PM Data Source: Web of Science ® This data 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

Institutions 1 - 20 of 5,898

Sort By: Times Cited

Rank	Institution	Times Cited	Web of Science Documents	Average Cites per Document	h-index	Journal Actual/Expected Citations	Category Actual/Expected Citations	Average Percentile
1	TSING HUA UNIV	372,875	48,226	7.73	146	1.17	0.99	59.37
2	CHINESE ACAD SCI	44,421	4,228	10.51	79	1.13	1.06	55.51
3	PEKING UNIV	12,042	1,226	9.82	47	1.18	1.11	55.46
4	UNIV SCI & TECHNOL CHINA	10,547	590	17.88	52	1.64	2.33	42.26
5	UNIV CALIF BERKELEY	8,935	364	24.55	46	2.35	4.17	37.49
6	MAX PLANCK SOCIETY	8,775	317	27.68	48	2.21	3.74	32.30
7	UNIV WASHINGTON	6,896	230	29.98	41	2.36	4.35	31.05
8	ARGONNE NATL LAB	6,701	175	38.29	43	2.95	6.53	24.19
9	MIT	6,696	256	26.16	38	2.46	4.20	33.09
10	UNIV CALIF LOS ANGELES	6,334	221	28.66	39	2.67	5.46	35.22
11	PURDUE UNIV	6,312	241	26.19	39	2.61	4.55	35.89
12	TEXAS A&M UNIV	6,155	185	33.27	41	2.90	5.66	30.52
13	CCAST	6,012	460	13.07	38			48.04
14	UNIV ILLINOIS	5,855	321	18.24	43			36.34
15	INDIANA UNIV	5,786	156	37.09	36			30.29
16	PENN STATE UNIV	5,784	225	25.71	38			33.73
17	BROOKHAVEN NATL LAB	5,779	158	36.58	39			24.29
18	UNIV BIRMINGHAM	5,677	159	35.70	35			21.12
19	INST HIGH ENERGY PHYS	5,620	152	36.97	34			21.96
20	UNIV TEXAS AUSTIN	5,573	181	30.79	34	2.54	5.80	30.41

可以从相对影响力的分析中看到：与麻省理工学院合作的论文比与马普学会合作的论文具有更高的相对影响力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RESEARCH PERFORMANCE PROFILES
GLOBAL COMPARISONS
INSTITUTIONAL PROFILES
FOLDERS
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Overview and Summary Metrics
Productivity and Researcher Output
Collaboration and Research Networks
Specialization and Subject Area Strengths
Trends and Time Series Analysis
Impact and Citation Rankings
(which report to choose?)
Create Report
Preview Documents
Save Selections
Clear Selections
Authors | Subject Areas | Institutions | Countries / Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers
Browse List
Search
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
Go
Selected items: [hide all selections]

点击Create Custom Report, 生成定制化报告

Viewing Dataset: Kings College London: Address Search Dataset

ions

Select fields to be included in report:

☑ Times Cited
☑ Average Cites per Document
☑ Category Actual/Expected Citations
☑ h-index*
☑ Web of Science Documents
☑ Journal Actual/Expected Citations
☑ Average Percentile

** Selecting these items will increase the processing time*

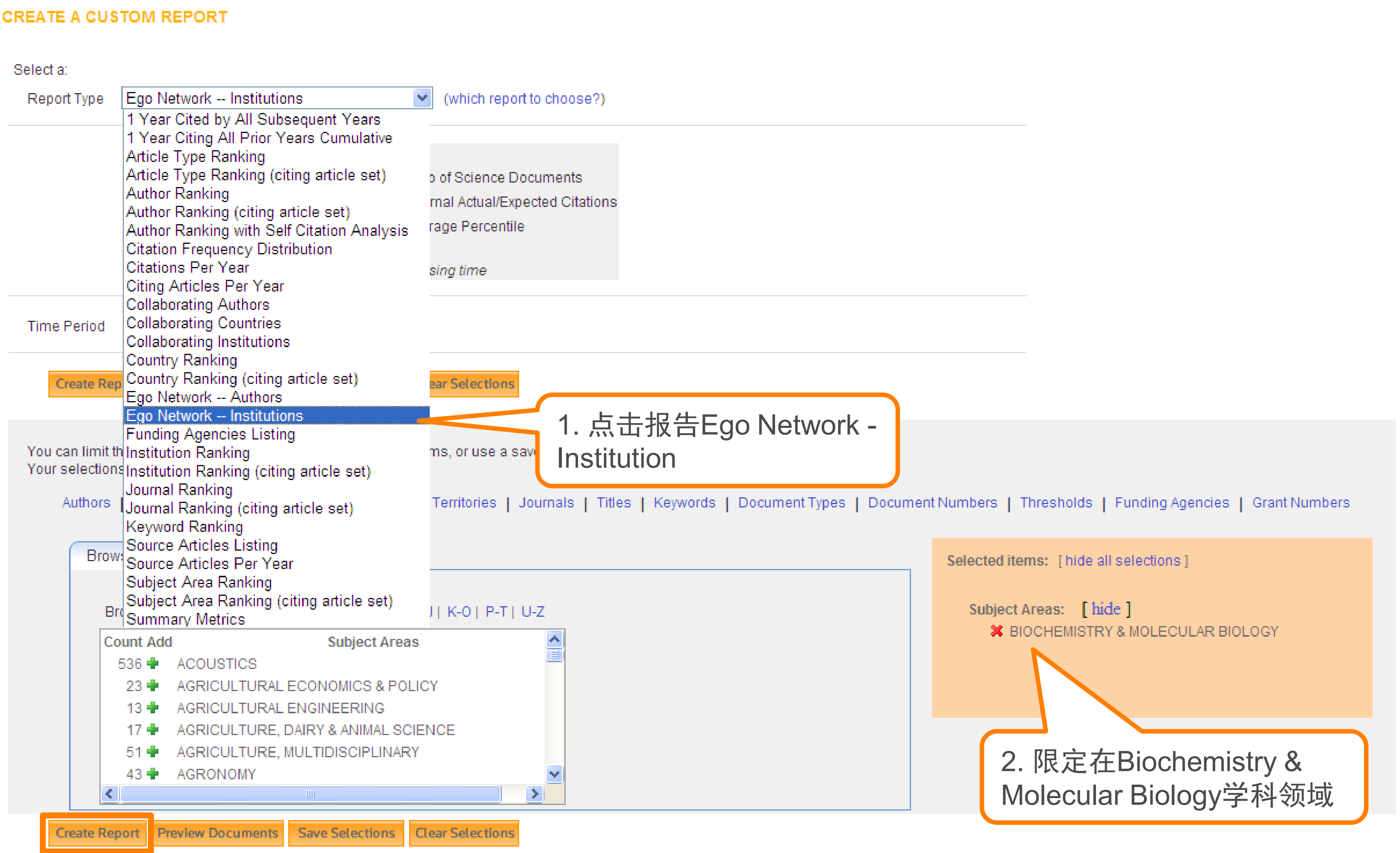
Time Period 1979 to 2013

You can limit the data to be included in your report to specific items, or use a saved set from My Saved Selections.
Your selections will appear in the box on the right.

Browse AUTHORS beginning with:

A Items 1 to 500 of 5274 Go to item: 1

Count	Add	Authors
1	✚	A CAMPO, J
1	✚	A CONSORTIUM
1	✚	A DIABET OUTCOME PROGRESSION TRIAL
1	✚	AABY, P
1	✚	AAGAARD, J
1	✚	AAGAARD, NK



CREATE A CUSTOM REPORT

Select a:

Report Type: Ego Network -- Institutions (which report to choose?)

- 1 Year Cited by All Subsequent Years
- 1 Year Citing All Prior Years Cumulative
- Article Type Ranking
- Article Type Ranking (citing article set)
- Author Ranking
- Author Ranking (citing article set)
- Author Ranking with Self Citation Analysis
- Citation Frequency Distribution
- 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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Time Period

You can limit th
Your selections
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Authors | Territories | Journals | Titles | Keywords | Document Types | Document Numbers | Thresholds | Funding Agencies | Grant Numbers

Brow

Br | K-O | P-T | U-Z

Count	Add	Subject Areas
536	✚	ACOUSTICS
23	✚	AGRICULTURAL ECONOMICS & POLICY
13	✚	AGRICULTURAL ENGINEERING
17	✚	AGRICULTURE, DAIRY & ANIMAL SCIENCE
51	✚	AGRICULTURE, MULTIDISCIPLINARY
43	✚	AGRONOMY

Selected items: [hide all selections]

Subject Areas: [hide]

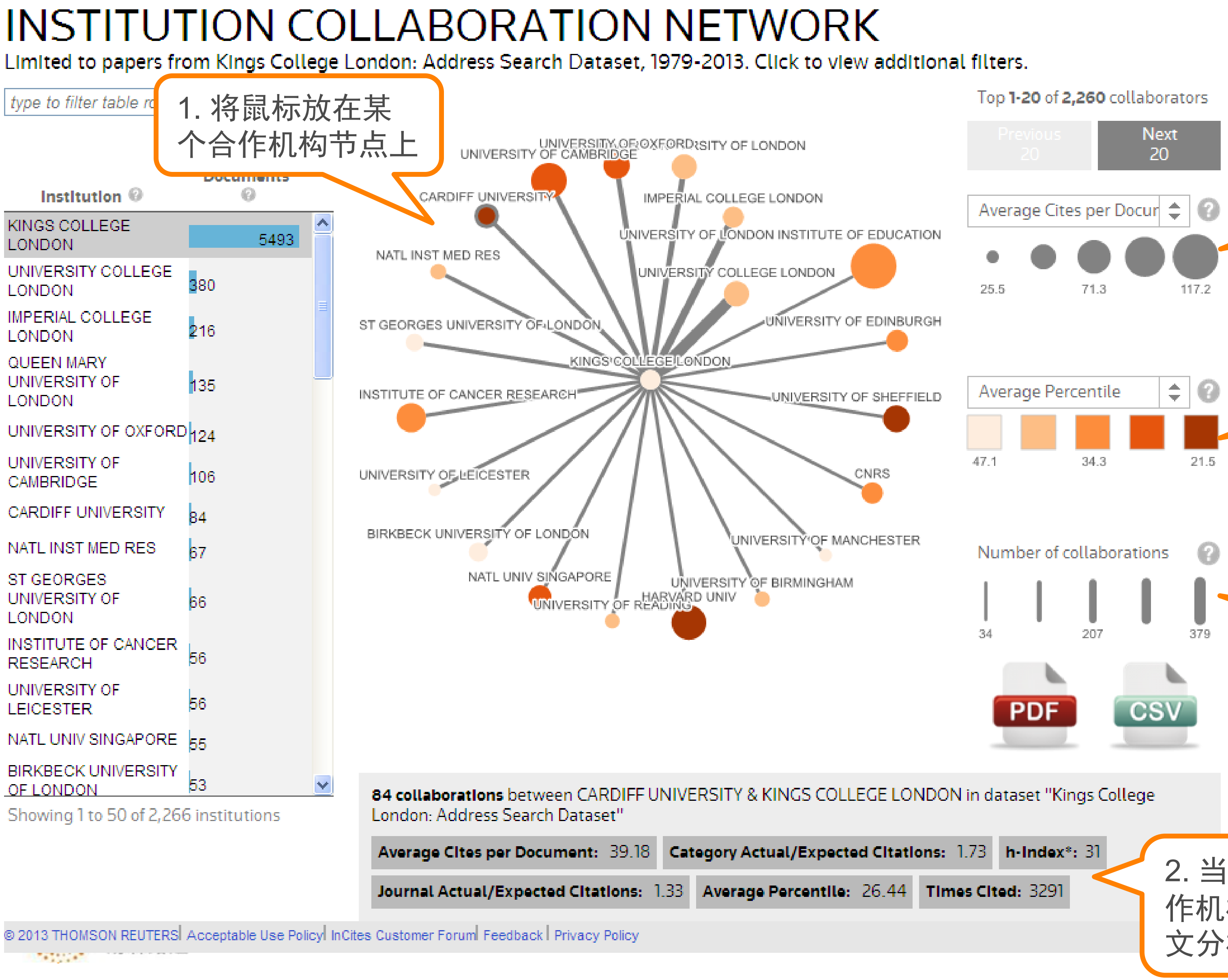
✖ BIOCHEMISTRY & MOLECULAR BIOLOGY

1. 点击报告Ego Network - Institution

2. 限定在Biochemistry & Molecular Biology学科领域

3. 点击Create Report

THO
汤森路透



INSTITUTION COLLABORATION NETWORK

Limited to papers from Kings College London: Address Search Dataset, 1979-2013. Click to view additional filters.

type to filter table r

Institution	Documents
KINGS COLLEGE LONDON	5493
UNIVERSITY COLLEGE LONDON	380
IMPERIAL COLLEGE LONDON	216
QUEEN MARY UNIVERSITY OF LONDON	135
UNIVERSITY OF OXFORD	124
UNIVERSITY OF CAMBRIDGE	106
CARDIFF UNIVERSITY	84
NATL INST MED RES	67
ST GEORGES UNIVERSITY OF LONDON	66
INSTITUTE OF CANCER RESEARCH	56
UNIVERSITY OF LEICESTER	56
NATL UNIV SINGAPORE	55
BIRKBECK UNIVERSITY OF LONDON	53

Showing 1 to 50 of 2,266 institutions

UNIVERSITY OF OXFORD
UNIVERSITY OF CAMBRIDGE
UNIVERSITY OF LONDON
CARDIFF UNIVERSITY
IMPERIAL COLLEGE LONDON
UNIVERSITY OF LONDON INSTITUTE OF EDUCATION
NATL INST MED RES
UNIVERSITY COLLEGE LONDON
ST GEORGES UNIVERSITY OF LONDON
UNIVERSITY OF EDINBURGH
KINGS COLLEGE LONDON
INSTITUTE OF CANCER RESEARCH
UNIVERSITY OF SHEFFIELD
UNIVERSITY OF LEICESTER
CNRS
BIRKBECK UNIVERSITY OF LONDON
UNIVERSITY OF MANCHESTER
NATL UNIV SINGAPORE
UNIVERSITY OF BIRMINGHAM
HARVARD UNIV
UNIVERSITY OF READING
Top 1-20 of 2,260 collaborators
Previous 20
Next 20
Average Cites per Docur
25.5
71.3
117.2
Average Percentile
47.1
34.3
21.5
Number of collaborations
34
207
379
PDF
CSV

84 collaborations between CARDIFF UNIVERSITY & KINGS COLLEGE LONDON in dataset "Kings College London: Address Search Dataset"

Average Cites per Document: 39.18 | **Category Actual/Expected Citations:** 1.73 | **h-Index*:** 31

Journal Actual/Expected Citations: 1.33 | **Average Percentile:** 26.44 | **Times Cited:** 3291

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1. 将鼠标放在某个合作机构节点上

节点大小代表篇均被引频次

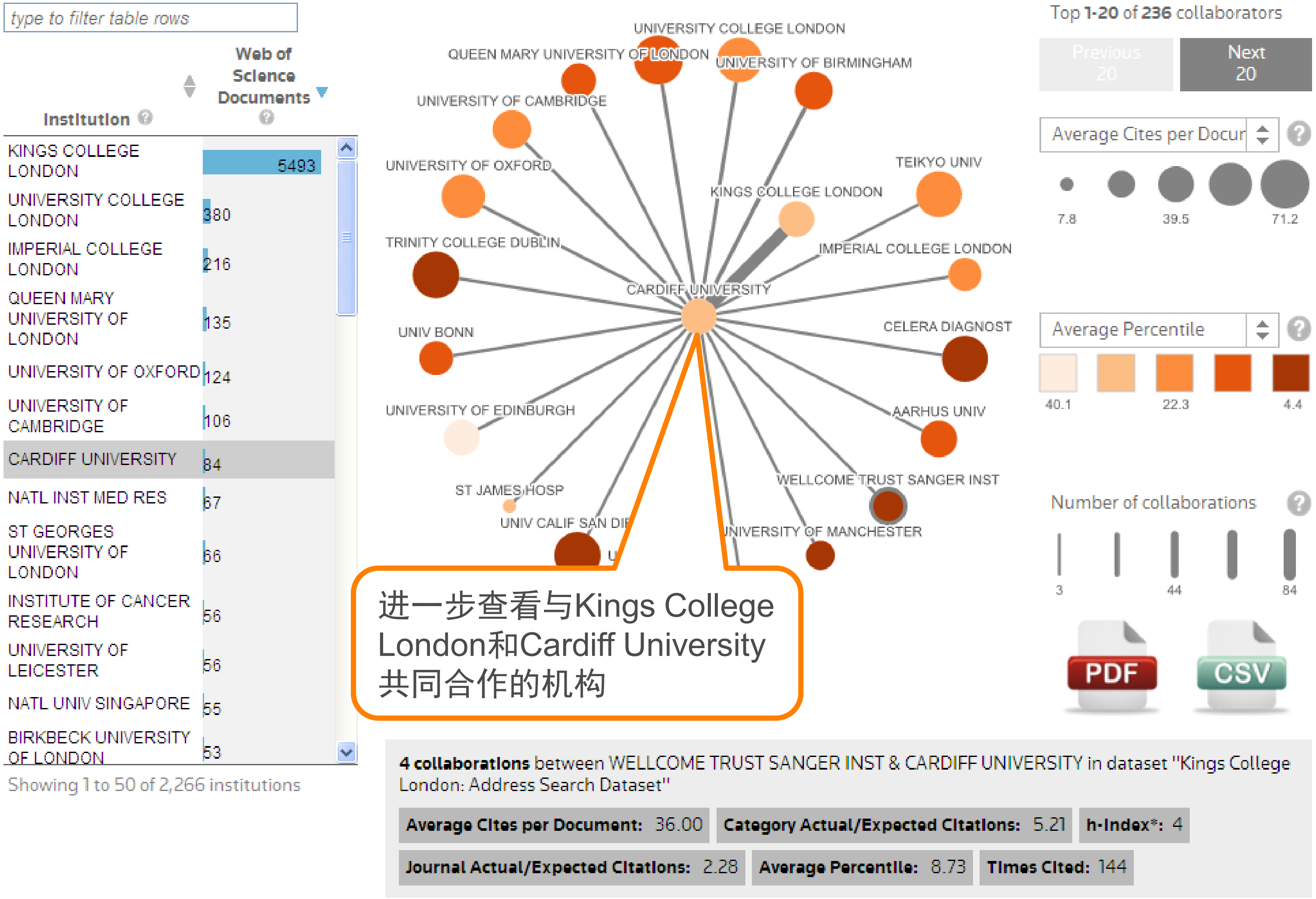
节点颜色深浅代表平均百分位

节点之间的连线粗细代表合作论文数量

2. 当前查看合作机构的合作论文分析指标

INSTITUTION COLLABORATION NETWORK

Limited to papers from Kings College London: Address Search Dataset, 1979-2013. Click to view additional filters.



type to filter table rows

Institution	Web of Science Documents
KINGS COLLEGE LONDON	5493
UNIVERSITY COLLEGE LONDON	380
IMPERIAL COLLEGE LONDON	216
QUEEN MARY UNIVERSITY OF LONDON	135
UNIVERSITY OF OXFORD	124
UNIVERSITY OF CAMBRIDGE	106
CARDIFF UNIVERSITY	84
NATL INST MED RES	67
ST GEORGES UNIVERSITY OF LONDON	66
INSTITUTE OF CANCER RESEARCH	56
UNIVERSITY OF LEICESTER	56
NATL UNIV SINGAPORE	55
BIRKBECK UNIVERSITY OF LONDON	53

Showing 1 to 50 of 2,266 institutions

UNIVERSITY COLLEGE LONDON
QUEEN MARY UNIVERSITY OF LONDON
UNIVERSITY OF BIRMINGHAM
UNIVERSITY OF CAMBRIDGE
UNIVERSITY OF OXFORD
TEIKYO UNIV
KINGS COLLEGE LONDON
TRINITY COLLEGE DUBLIN
IMPERIAL COLLEGE LONDON
CARDIFF UNIVERSITY
UNIV BONN
CELERA DIAGNOST
UNIVERSITY OF EDINBURGH
AARHUS UNIV
WELLCOME TRUST SANGER INST
ST JAMES HOSP
UNIV CALIF SAN DI
UNIVERSITY OF MANCHESTER
Top 1-20 of 236 collaborators
Previous 20
Next 20
Average Cites per Docur
7.8
39.5
71.2
Average Percentile
40.1
22.3
4.4
Number of collaborations
3
44
84
PDF
CSV

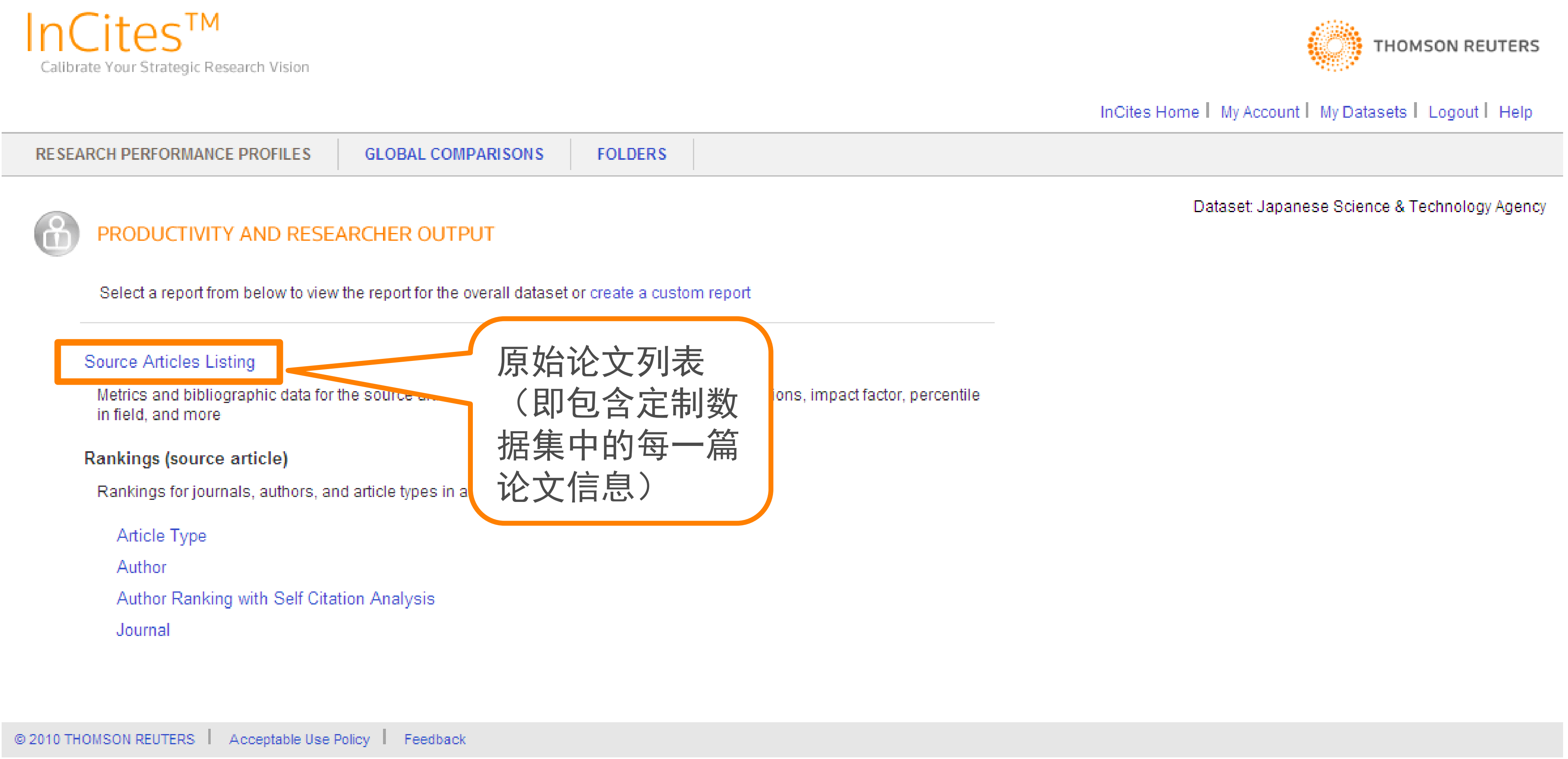
进一步查看与Kings College London和Cardiff University共同合作的机构

4 collaborations between WELLCOME TRUST SANGER INST & CARDIFF UNIVERSITY in dataset "Kings College London: Address Search Dataset"

Average Cites per Document: 36.00
Category Actual/Expected Citations: 5.21
h-index*: 4
Journal Actual/Expected Citations: 2.28
Average Percentile: 8.73
Times Cited: 144

本机构中有哪些高被引论文？在全球的影响力如何？

RESEARCH PAPER



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Dataset: Japanese Science & Technology Agency

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Select a report from below to view the report for the overall dataset or create a custom report

Source Articles Listing

Metrics and bibliographic data for the source ar ions, impact factor, percentile in field, and more

Rankings (source article)

Rankings for journals, authors, and article types in a

Article Type
Author
Author Ranking with Self Citation Analysis
Journal

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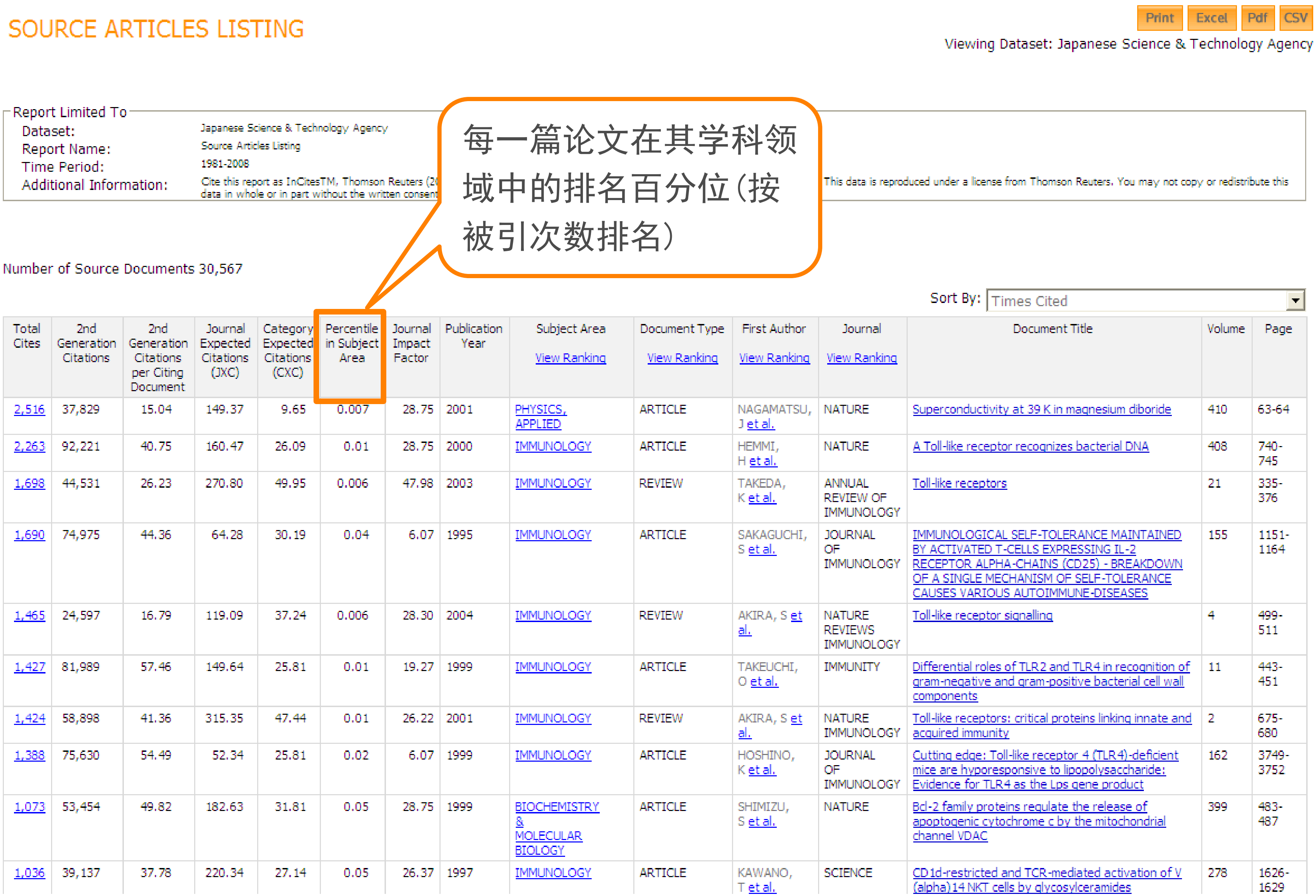
原始论文列表（即包含定制数据集中的每一篇论文信息）



SOURCE ARTICLES LISTING

Viewing Dataset: Japanese Science & Technology Agency

Report Limited To

Dataset:	Japanese Science & Technology Agency
Report Name:	Source Articles Listing
Time Period:	1981-2008
Additional Information:	Cite this report as InCitesTM, Thomson Reuters (2 data in whole or in part without the written consent This data is reproduced under a license from Thomson Reuters. You may not copy or redistribute this

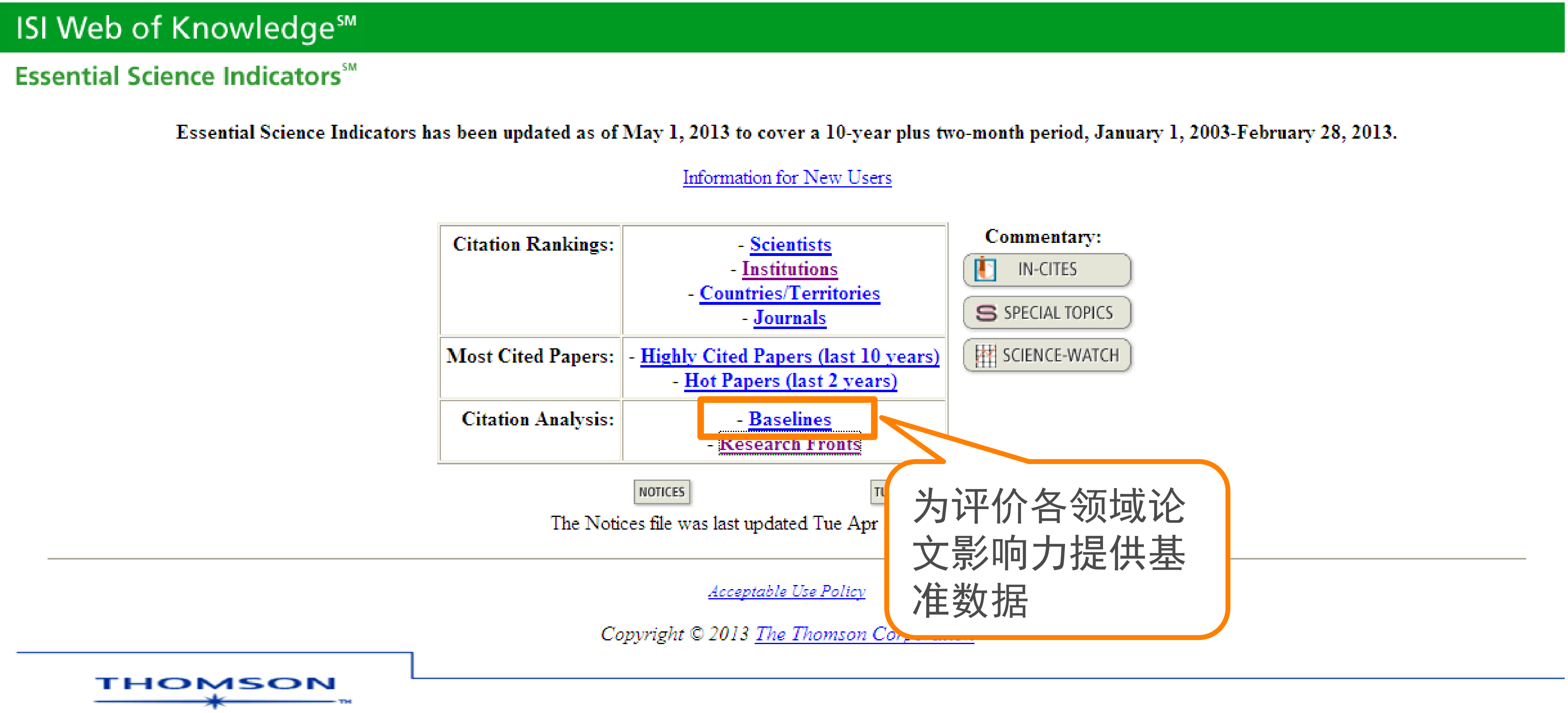
每一篇论文在其学科领域中的排名百分位（按被引次数排名）

Number of Source Documents 30,567

Sort By: Times Cited

Total Cites	2nd Generation Citations	2nd Generation Citations per Citing Document	Journal Expected Citations (JXC)	Category Expected Citations (CXC)	Percentile in Subject Area	Journal Impact Factor	Publication Year	Subject Area View Ranking	Document Type View Ranking	First Author View Ranking	Journal View Ranking	Document Title	Volume	Page
2,516	37,829	15.04	149.37	9.65	0.007	28.75	2001	PHYSICS, APPLIED	ARTICLE	NAGAMATSU, J et al.	NATURE	Superconductivity at 39 K in magnesium diboride	410	63-64
2,263	92,221	40.75	160.47	26.09	0.01	28.75	2000	IMMUNOLOGY	ARTICLE	HEMMI, H et al.	NATURE	A Toll-like receptor recognizes bacterial DNA	408	740-745
1,698	44,531	26.23	270.80	49.95	0.006	47.98	2003	IMMUNOLOGY	REVIEW	TAKEDA, K et al.	ANNUAL REVIEW OF IMMUNOLOGY	Toll-like receptors	21	335-376
1,690	74,975	44.36	64.28	30.19	0.04	6.07	1995	IMMUNOLOGY	ARTICLE	SAKAGUCHI, S et al.	JOURNAL OF IMMUNOLOGY	IMMUNOLOGICAL SELF-TOLERANCE MAINTAINED BY ACTIVATED T-CELLS EXPRESSING IL-2 RECEPTOR ALPHA-CHAINS (CD25) - BREAKDOWN OF A SINGLE MECHANISM OF SELF-TOLERANCE CAUSES VARIOUS AUTOIMMUNE-DISEASES	155	1151-1164
1,465	24,597	16.79	119.09	37.24	0.006	28.30	2004	IMMUNOLOGY	REVIEW	AKIRA, S et al.	NATURE REVIEWS IMMUNOLOGY	Toll-like receptor signalling	4	499-511
1,427	81,989	57.46	149.64	25.81	0.01	19.27	1999	IMMUNOLOGY	ARTICLE	TAKEUCHI, O et al.	IMMUNITY	Differential roles of TLR2 and TLR4 in recognition of gram-negative and gram-positive bacterial cell wall components	11	443-451
1,424	58,898	41.36	315.35	47.44	0.01	26.22	2001	IMMUNOLOGY	REVIEW	AKIRA, S et al.	NATURE IMMUNOLOGY	Toll-like receptors: critical proteins linking innate and acquired immunity	2	675-680
1,388	75,630	54.49	52.34	25.81	0.02	6.07	1999	IMMUNOLOGY	ARTICLE	HOSHINO, K et al.	JOURNAL OF IMMUNOLOGY	Cutting edge: Toll-like receptor 4 (TLR4)-deficient mice are hyporesponsive to lipopolysaccharide: Evidence for TLR4 as the Lps gene product	162	3749-3752
1,073	53,454	49.82	182.63	31.81	0.05	28.75	1999	BIOCHEMISTRY & MOLECULAR BIOLOGY	ARTICLE	SHIMIZU, S et al.	NATURE	Bcl-2 family proteins regulate the release of apoptogenic cytochrome c by the mitochondrial channel VDAC	399	483-487
1,036	39,137	37.78	220.34	27.14	0.05	26.37	1997	IMMUNOLOGY	ARTICLE	KAWANO, T et al.	SCIENCE	CD1d-restricted and TCR-mediated activation of V(alpha)14 NKT cells by glycosylceramides	278	1626-1629

为评价单篇论文影响力提供基准数据



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Citation Analysis:	- Baselines - Research Fronts

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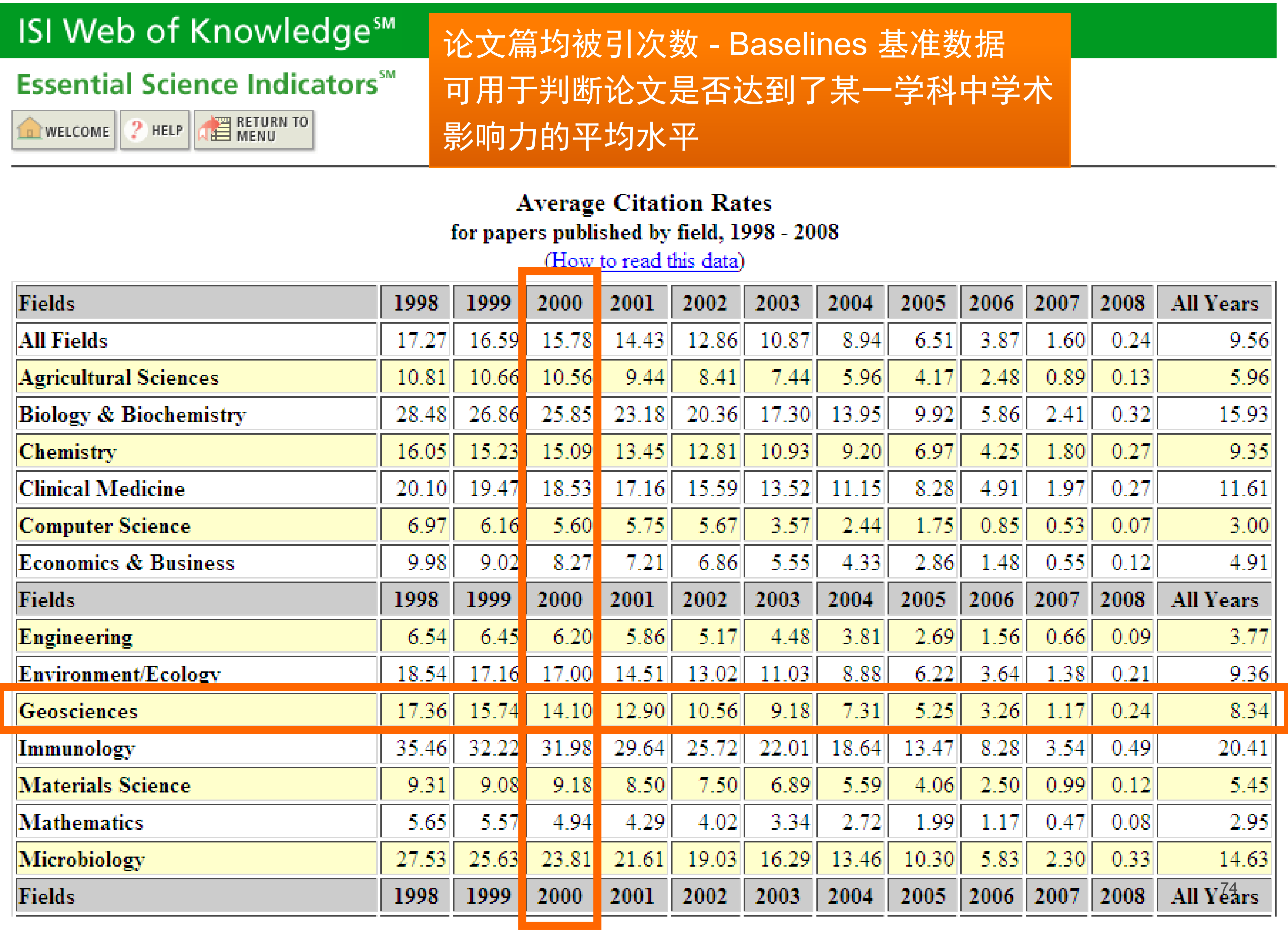
为评价各领域论文影响力提供基准数据

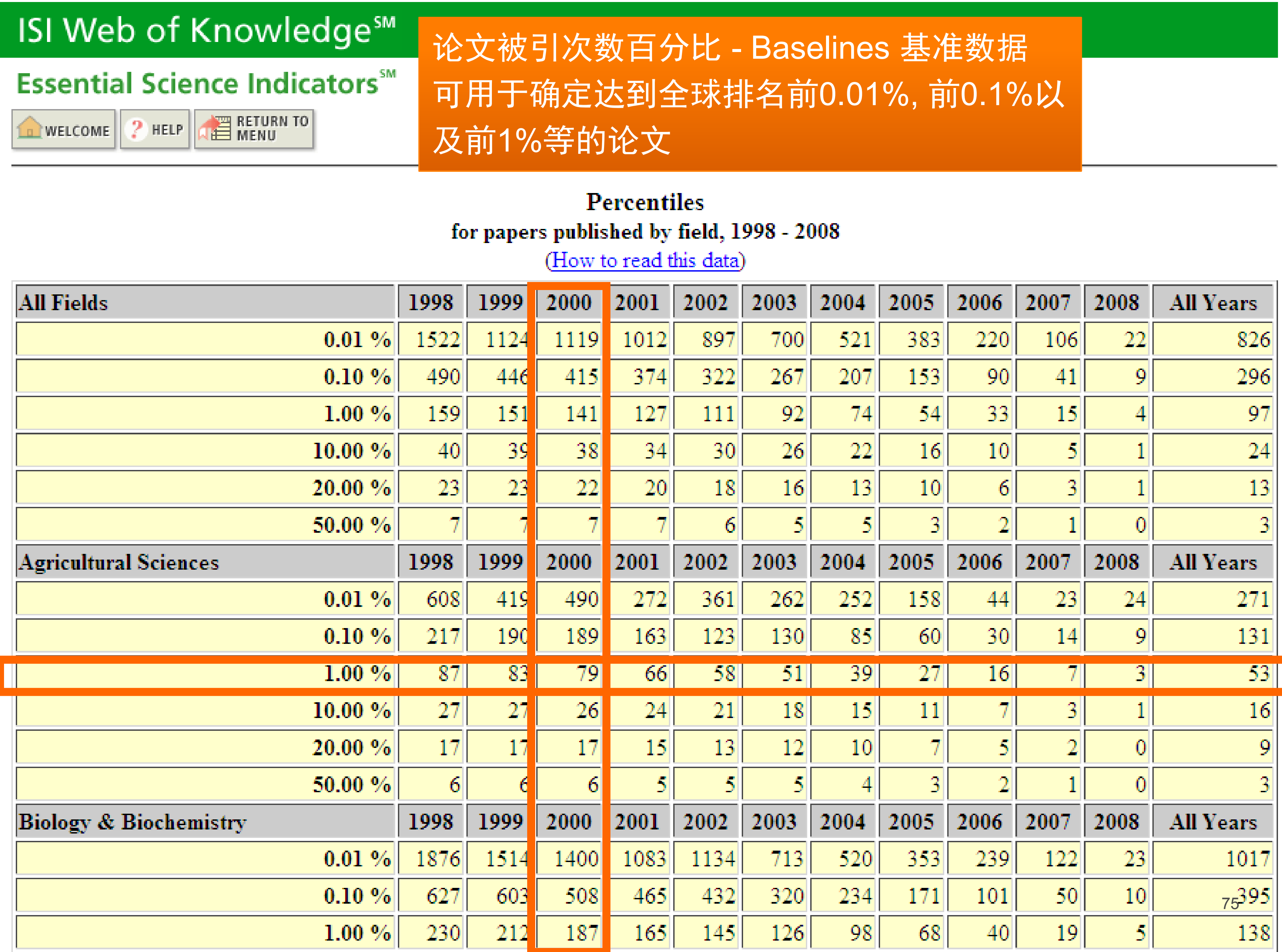
论文篇均被引次数 - Baselines 基准数据
可用于判断论文是否达到了某一学科中学术影响力的平均水平



Average Citation Rates
for papers published by field, 1998 - 2008
(How to read this data)

Fields	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	All Years
All Fields	17.27	16.59	15.78	14.43	12.86	10.87	8.94	6.51	3.87	1.60	0.24	9.56
Agricultural Sciences	10.81	10.66	10.56	9.44	8.41	7.44	5.96	4.17	2.48	0.89	0.13	5.96
Biology & Biochemistry	28.48	26.86	25.85	23.18	20.36	17.30	13.95	9.92	5.86	2.41	0.32	15.93
Chemistry	16.05	15.23	15.09	13.45	12.81	10.93	9.20	6.97	4.25	1.80	0.27	9.35
Clinical Medicine	20.10	19.47	18.53	17.16	15.59	13.52	11.15	8.28	4.91	1.97	0.27	11.61
Computer Science	6.97	6.16	5.60	5.75	5.67	3.57	2.44	1.75	0.85	0.53	0.07	3.00
Economics & Business	9.98	9.02	8.27	7.21	6.86	5.55	4.33	2.86	1.48	0.55	0.12	4.91
Fields	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	All Years
Engineering	6.54	6.45	6.20	5.86	5.17	4.48	3.81	2.69	1.56	0.66	0.09	3.77
Environment/Ecology	18.54	17.16	17.00	14.51	13.02	11.03	8.88	6.22	3.64	1.38	0.21	9.36
Geosciences	17.36	15.74	14.10	12.90	10.56	9.18	7.31	5.25	3.26	1.17	0.24	8.34
Immunology	35.46	32.22	31.98	29.64	25.72	22.01	18.64	13.47	8.28	3.54	0.49	20.41
Materials Science	9.31	9.08	9.18	8.50	7.50	6.89	5.59	4.06	2.50	0.99	0.12	5.45
Mathematics	5.65	5.57	4.94	4.29	4.02	3.34	2.72	1.99	1.17	0.47	0.08	2.95
Microbiology	27.53	25.63	23.81	21.61	19.03	16.29	13.46	10.30	5.83	2.30	0.33	14.63
Fields	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	All Years

论文被引次数百分比 - Baselines 基准数据
可用于确定达到全球排名前0.01%, 前0.1%以
及前1%等的论文



Percentiles

for papers published by field, 1998 - 2008

(How to read this data)

All Fields	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	All Years
0.01 %	1522	1124	1119	1012	897	700	521	383	220	106	22	826
0.10 %	490	446	415	374	322	267	207	153	90	41	9	296
1.00 %	159	151	141	127	111	92	74	54	33	15	4	97
10.00 %	40	39	38	34	30	26	22	16	10	5	1	24
20.00 %	23	23	22	20	18	16	13	10	6	3	1	13
50.00 %	7	7	7	7	6	5	5	3	2	1	0	3
Agricultural Sciences	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**All Years**
0.01 %	608	419	490	272	361	262	252	158	44	23	24	271
0.10 %	217	190	189	163	123	130	85	60	30	14	9	131
1.00 %	87	83	79	66	58	51	39	27	16	7	3	53
10.00 %	27	27	26	24	21	18	15	11	7	3	1	16
20.00 %	17	17	17	15	13	12	10	7	5	2	0	9
50.00 %	6	6	6	5	5	5	4	3	2	1	0	3
Biology & Biochemistry	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**All Years**
0.01 %	1876	1514	1400	1083	1134	713	520	353	239	122	23	1017
0.10 %	627	603	508	465	432	320	234	171	101	50	10	395
1.00 %	230	212	187	165	145	126	98	68	40	19	5	138

如何为科研人员提供深层次的特色服务？

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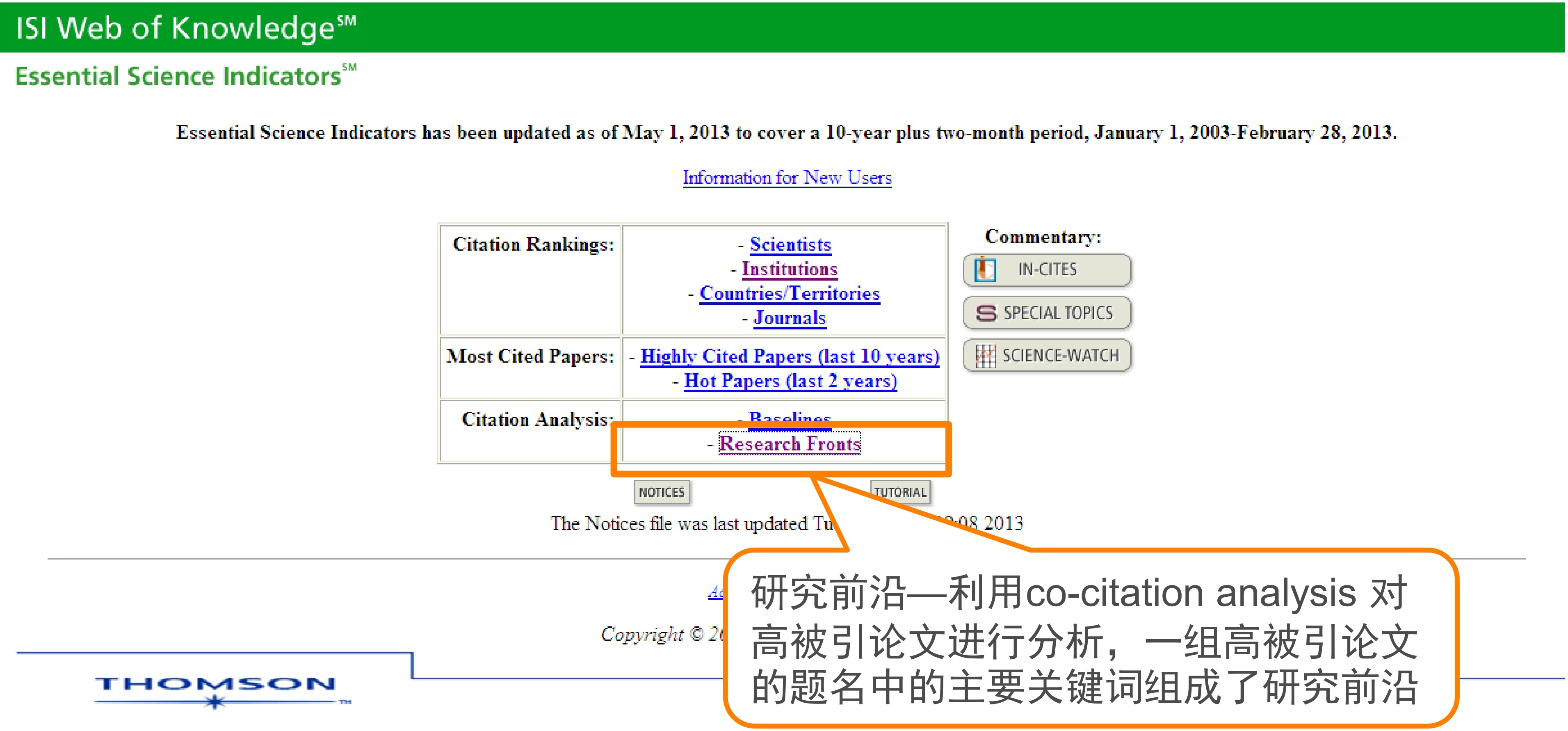

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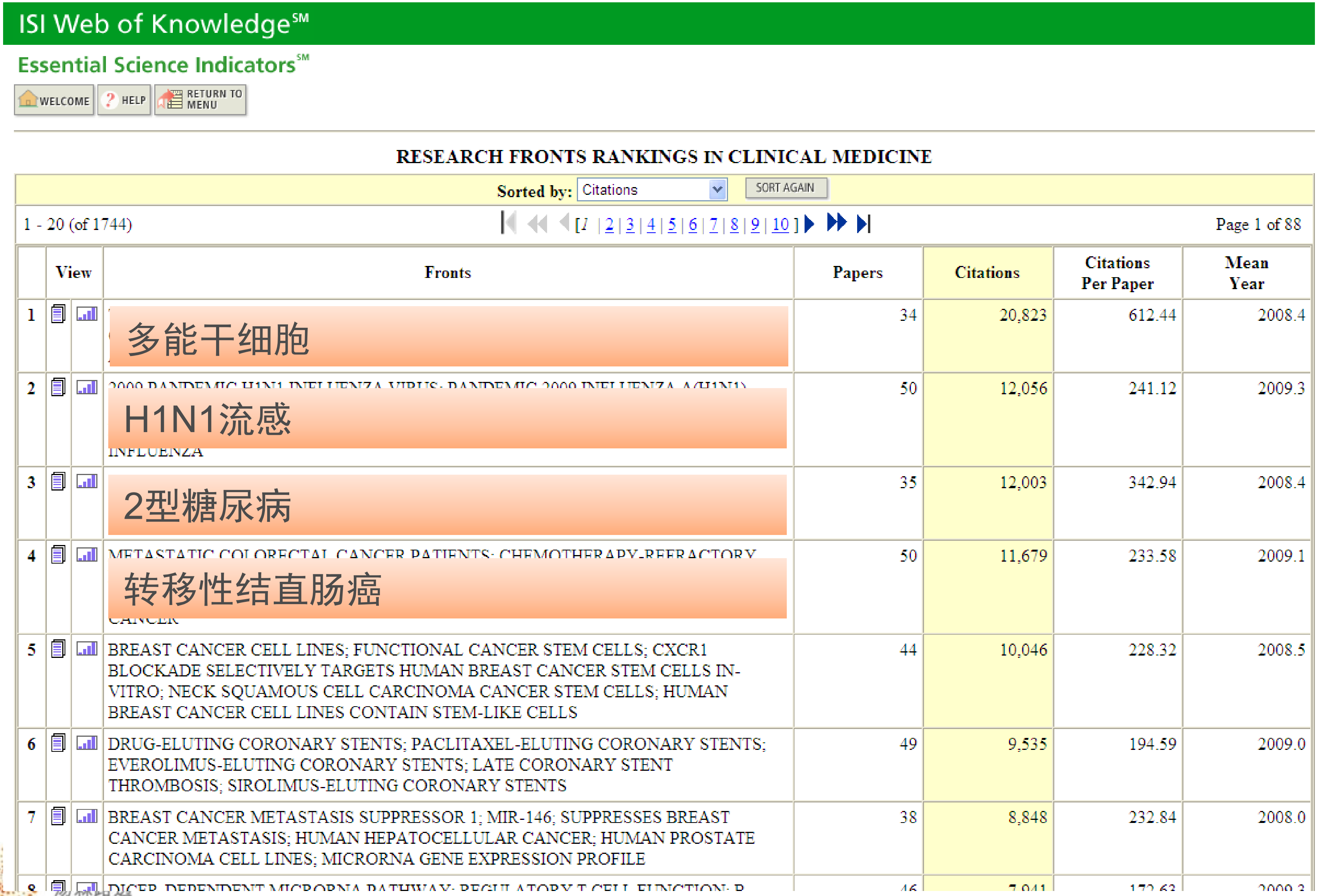
研究前沿—利用co-citation analysis 对高被引论文进行分析，一组高被引论文的题名中的主要关键词组成了研究前沿

临床医学研究前沿



RESEARCH FRONTS RANKINGS IN CLINICAL MEDICINE

Sorted by: Citations

1 - 20 (of 1744) [1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10] Page 1 of 88

	View		Fronts	Papers	Citations	Citations Per Paper	Mean Year
1			多能干细胞	34	20,823	612.44	2008.4
2			2009 PANDEMIC H1N1 INFLUENZA VIRUS; PANDEMIC 2009 INFLUENZA A(H1N1) H1N1流感 INFLUENZA	50	12,056	241.12	2009.3
3			2型糖尿病	35	12,003	342.94	2008.4
4			METASTATIC COLORECTAL CANCER PATIENTS; CHEMOTHERAPY-REFRACTORY 转移性结直肠癌 CANCER	50	11,679	233.58	2009.1
5			BREAST CANCER CELL LINES; FUNCTIONAL CANCER STEM CELLS; CXCR1 BLOCKADE SELECTIVELY TARGETS HUMAN BREAST CANCER STEM CELLS IN-VITRO; NECK SQUAMOUS CELL CARCINOMA CANCER STEM CELLS; HUMAN BREAST CANCER CELL LINES CONTAIN STEM-LIKE CELLS	44	10,046	228.32	2008.5
6			DRUG-ELUTING CORONARY STENTS; PACLITAXEL-ELUTING CORONARY STENTS; EVEROLIMUS-ELUTING CORONARY STENTS; LATE CORONARY STENT THROMBOSIS; SIROLIMUS-ELUTING CORONARY STENTS	49	9,535	194.59	2009.0
7			BREAST CANCER METASTASIS SUPPRESSOR 1; MIR-146; SUPPRESSES BREAST CANCER METASTASIS; HUMAN HEPATOCELLULAR CANCER; HUMAN PROSTATE CARCINOMA CELL LINES; MICRORNA GENE EXPRESSION PROFILE	38	8,848	232.84	2008.0
8			DICER-DEPENDENT MICRORNA PATHWAY; REGULATORY T-CELL FUNCTION; B	46	7,941	172.63	2009.3

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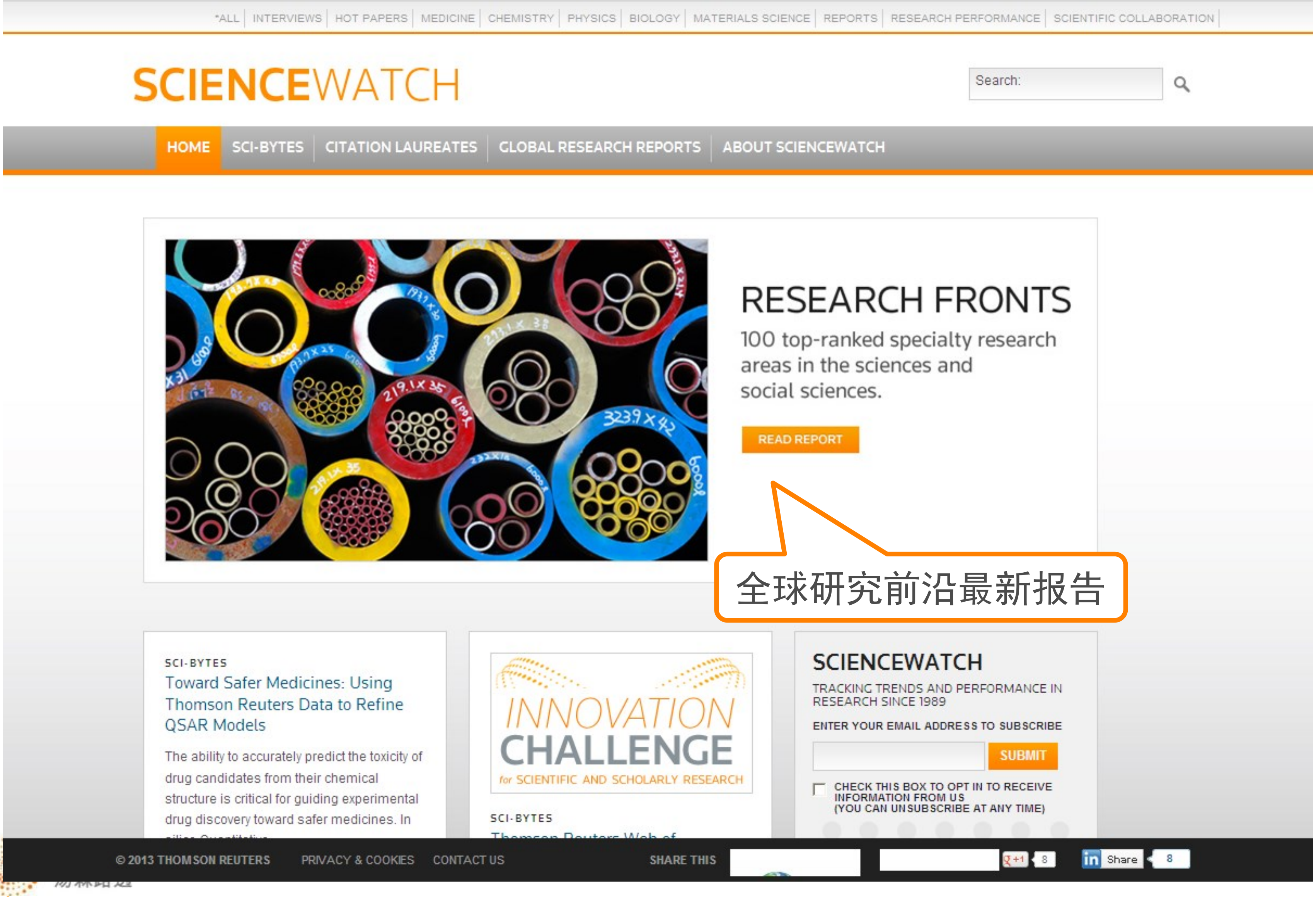

*ALL | INTERVIEWS | HOT PAPERS | MEDICINE | CHEMISTRY | PHYSICS | BIOLOGY | MATERIALS SCIENCE | REPORTS | RESEARCH PERFORMANCE | SCIENTIFIC COLLABORATION
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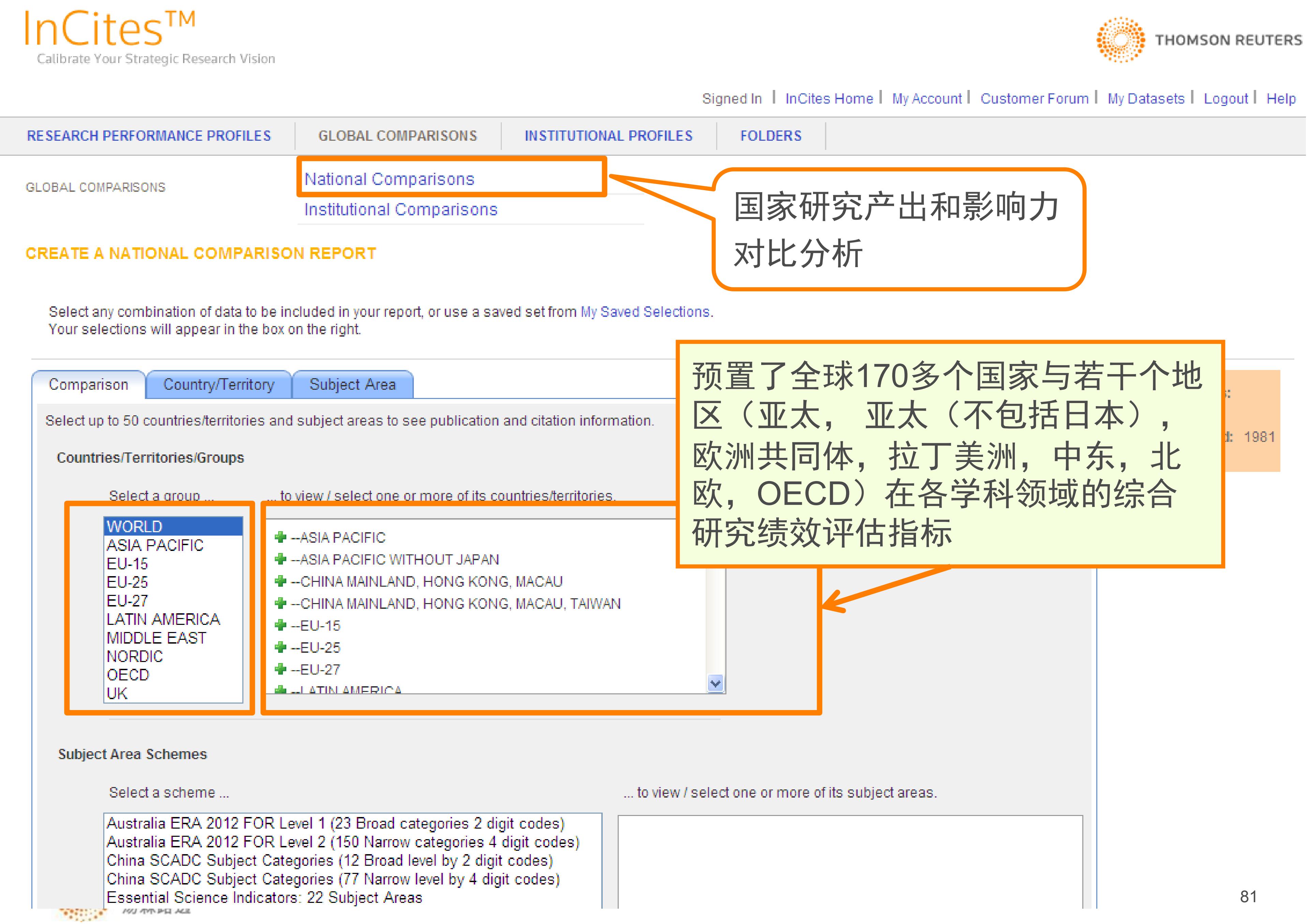
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National Comparisons
Institutional Comparisons

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Comparison | Country/Territory | Subject Area

Select up to 50 countries/territories and subject areas to see publication and citation information.

Countries/Territories/Groups

Select a group ...
- WORLD
- ASIA PACIFIC
- EU-15
- EU-25
- EU-27
- LATIN AMERICA
- MIDDLE EAST
- NORDIC
- OECD
- UK

... to view / select one or more of its countries/territories.
- --ASIA PACIFIC
- --ASIA PACIFIC WITHOUT JAPAN
- --CHINA MAINLAND, HONG KONG, MACAU
- --CHINA MAINLAND, HONG KONG, MACAU, TAIWAN
- --EU-15
- --EU-25
- --EU-27
- --LATIN AMERICA

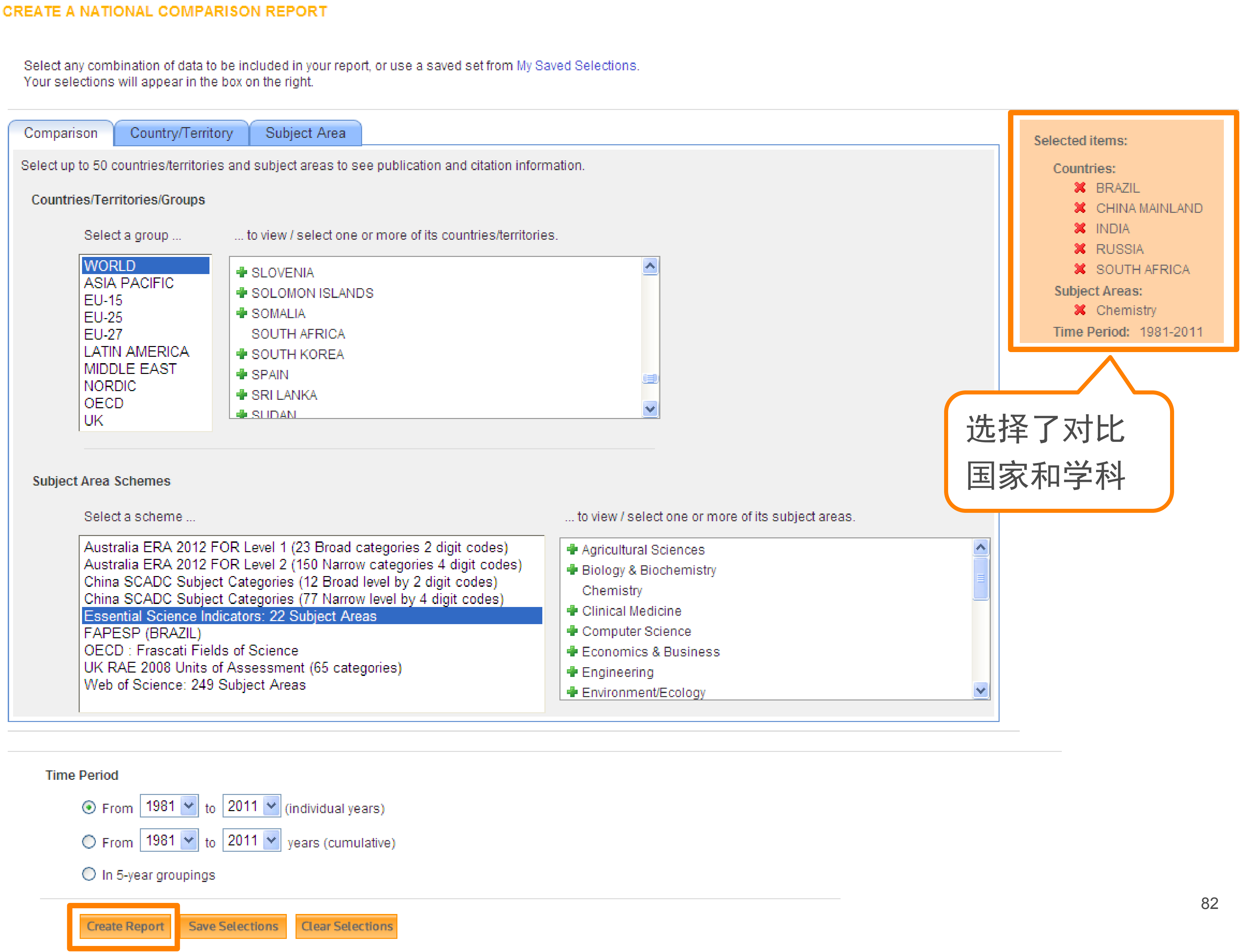
Subject Area Schemes

Select a scheme ...
- 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

... to view / select one or more of its subject areas.

国家研究产出和影响力对比分析

预置了全球170多个国家与若干个地区（亚太， 亚太（不包括日本），欧洲共同体，拉丁美洲，中东，北欧，OECD）在各学科领域的综合研究绩效评估指标



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- ASIA PACIFIC
- EU-15
- EU-25
- EU-27
- LATIN AMERICA
- MIDDLE EAST
- NORDIC
- OECD
- UK

... to view / select one or more of its countries/territories.

- ✚ SLOVENIA
- ✚ SOLOMON ISLANDS
- ✚ SOMALIA
- SOUTH AFRICA
- ✚ SOUTH KOREA
- ✚ SPAIN
- ✚ SRI LANKA
- ✚ SUDAN

Subject Area Schemes

Select a scheme ...

- 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)
- Web of Science: 249 Subject Areas

... to view / select one or more of its subject areas.

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

Selected items:

Countries:
- ✖ BRAZIL
- ✖ CHINA MAINLAND
- ✖ INDIA
- ✖ RUSSIA
- ✖ SOUTH AFRICA

Subject Areas:
- ✖ Chemistry

Time Period: 1981-2011

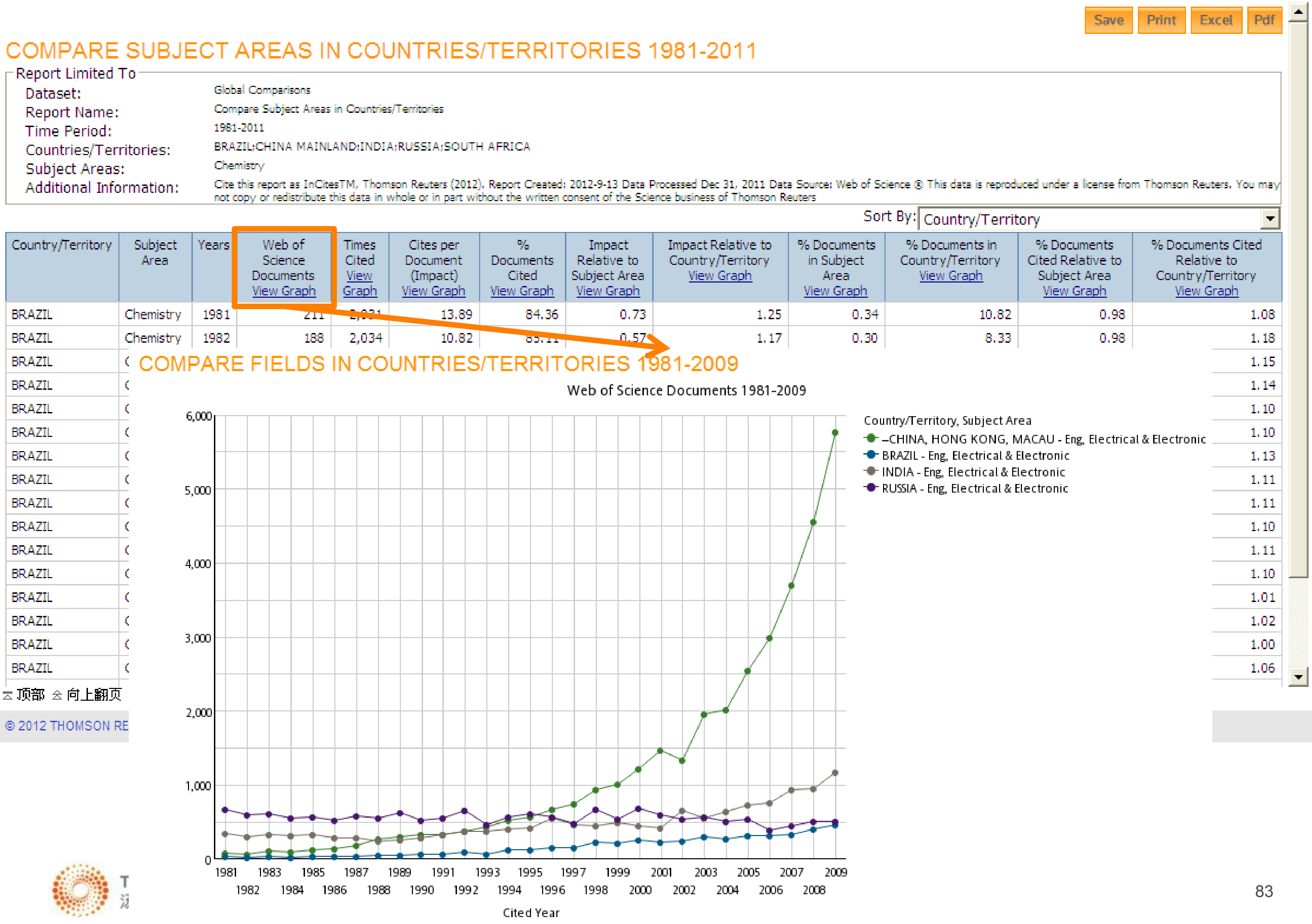
Time Period

● From 1981 to 2011 (individual years)

○ From 1981 to 2011 years (cumulative)

○ In 5-year groupings

选择了对比
国家和学科



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COMPARE SUBJECT AREAS IN COUNTRIES/TERRITORIES 1981-2011

Report Limited To

Dataset:	Global Comparisons
Report Name:	Compare Subject Areas in Countries/Territories
Time Period:	1981-2011
Countries/Territories:	BRAZIL;CHINA MAINLAND;INDIA;RUSSIA;SOUTH AFRICA
Subject Areas:	Chemistry
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Country/Territory	Subject Area	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 Country/Territory View Graph	% Documents in Subject Area View Graph	% Documents in Country/Territory View Graph	% Documents Cited Relative to Subject Area View Graph	% Documents Cited Relative to Country/Territory View Graph
BRAZIL	Chemistry	1981	211	2,931	13.89	84.36	0.73	1.25	0.34	10.82	0.98	1.08
BRAZIL	Chemistry	1982	188	2,034	10.82	85.11	0.57	1.17	0.30	8.33	0.98	1.18
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BRAZIL												1.02
BRAZIL												1.00
BRAZIL												1.06

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Country/Territory, Subject Area
● –CHINA, HONG KONG, MACAU - Eng, Electrical & Electronic
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● RUSSIA - Eng, Electrical & Electronic
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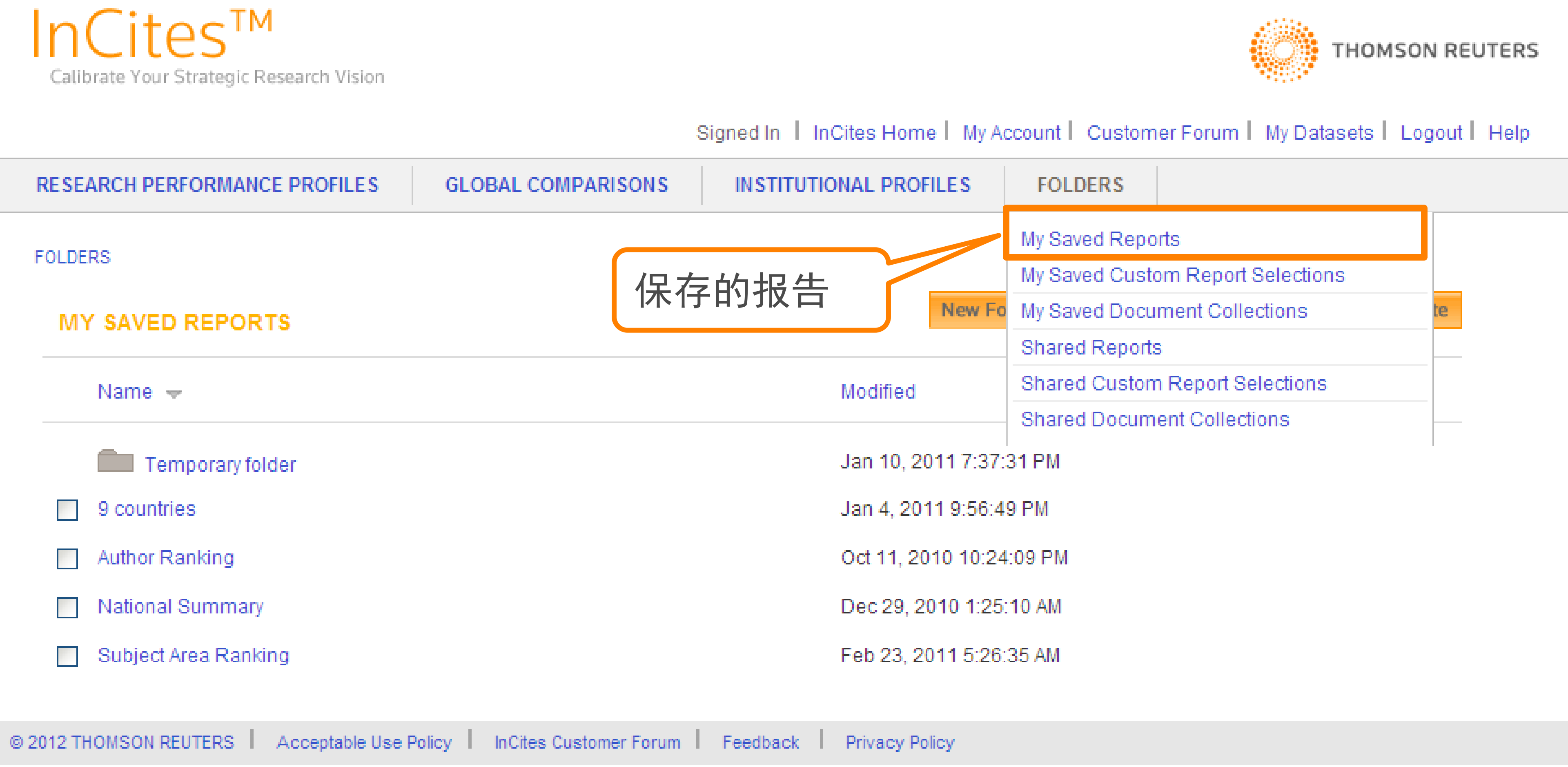
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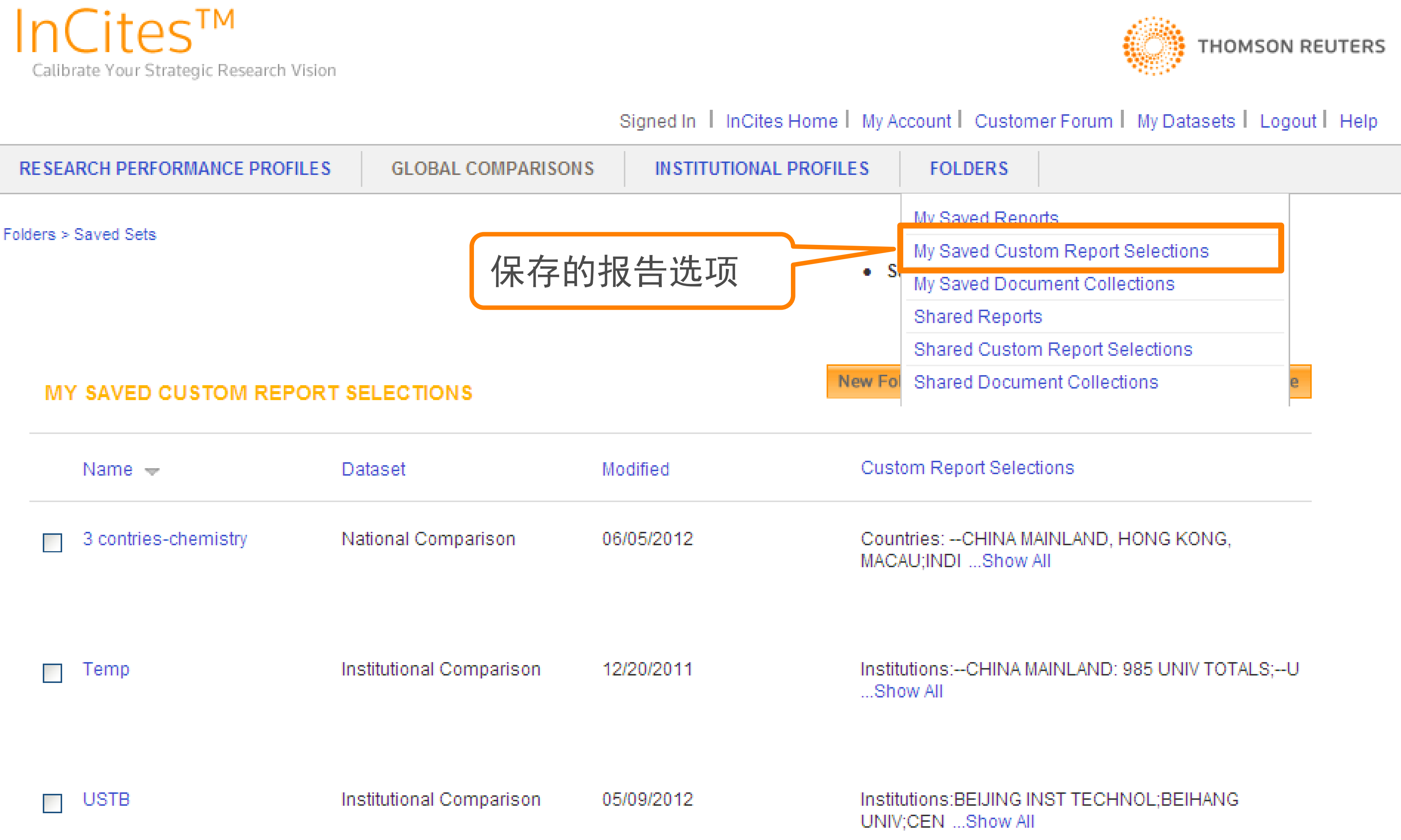
☐	Subject Area Ranking	Feb 23, 2011 5:26:35 AM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☐	Temp	Institutional Comparison	12/20/2011	Institutions:--CHINA MAINLAND: 985 UNIV TOTALS;--U ...Show All
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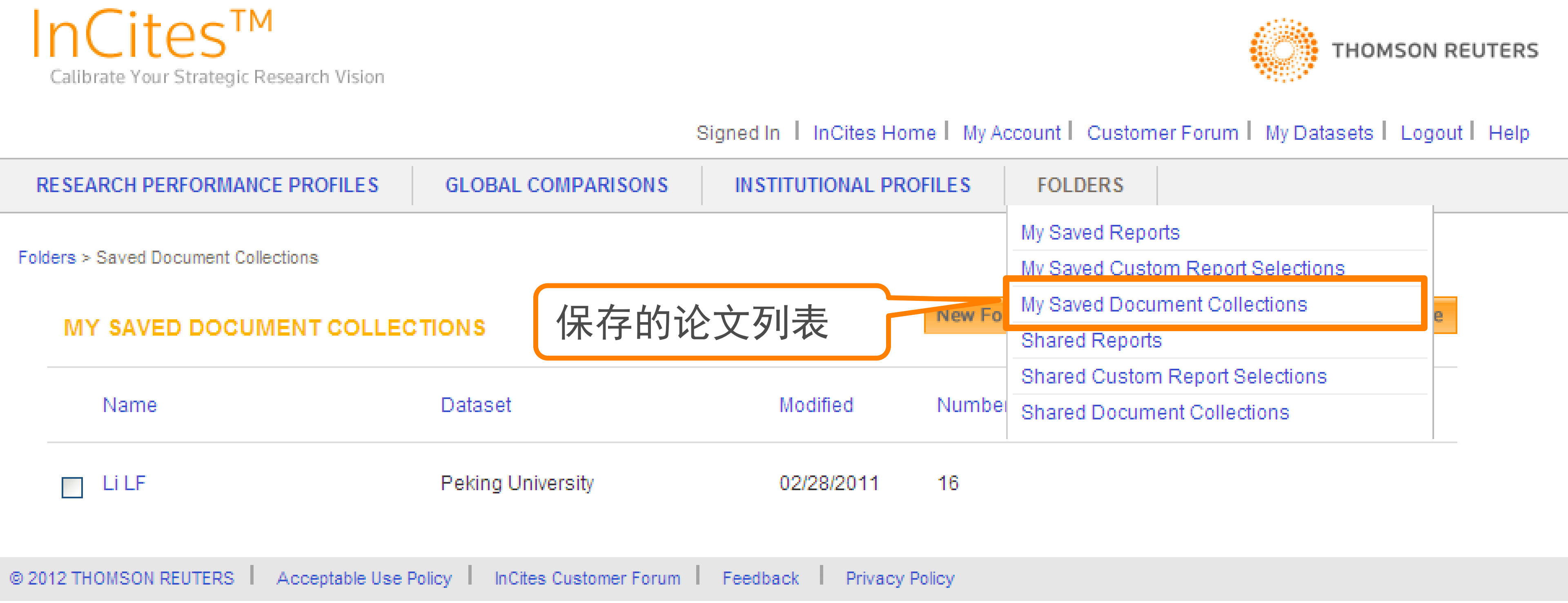

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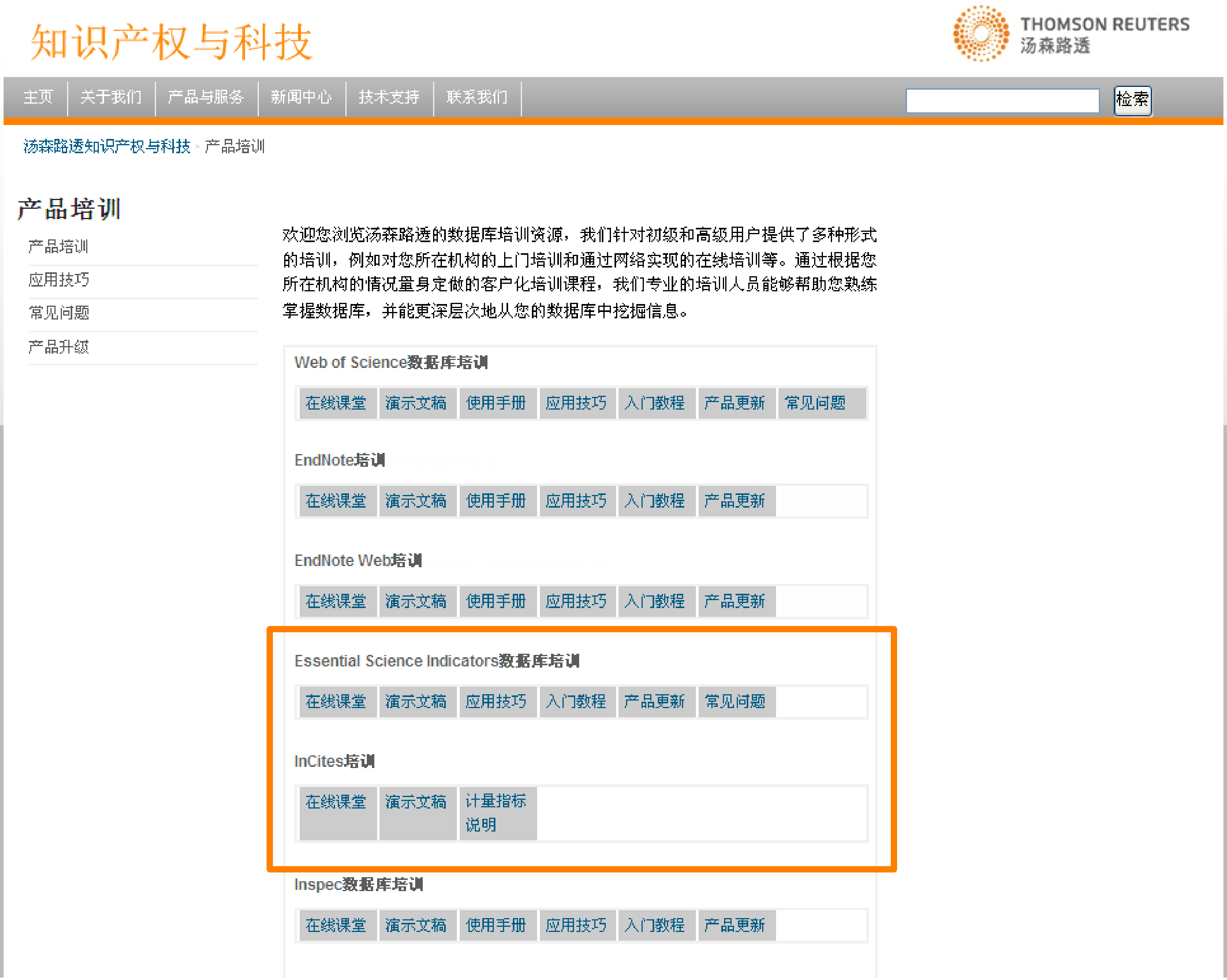
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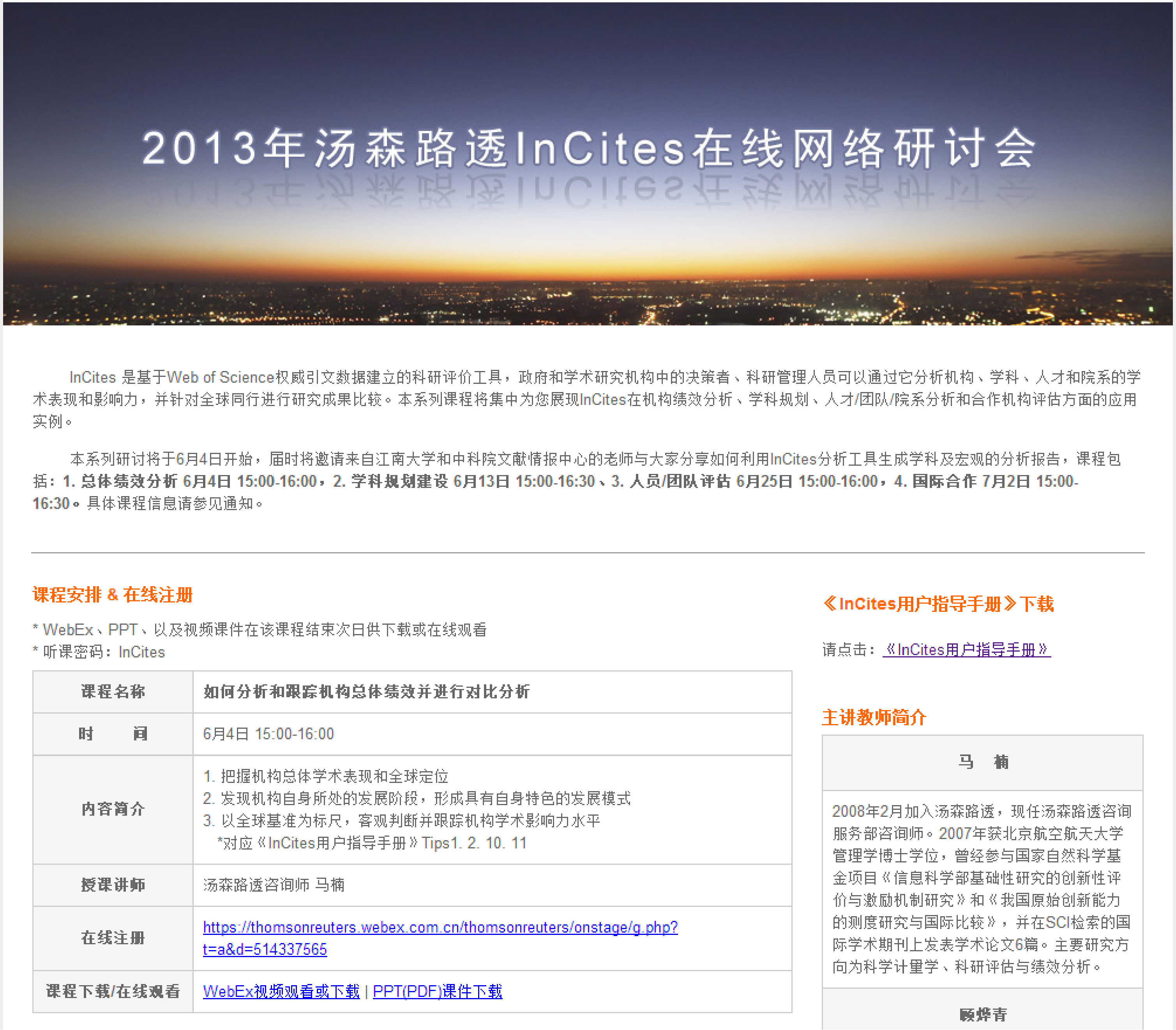

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本系列研讨将于6月4日开始，届时将邀请来自江南大学和中科院文献情报中心的老师与大家分享如何利用InCites分析工具生成学科及宏观的分析报告，课程包括：**1. 总体绩效分析 6月4日 15:00-16:00，2. 学科规划建设 6月13日 15:00-16:30、3. 人员/团队评估 6月25日 15:00-16:00，4. 国际合作 7月2日 15:00-16:30。**具体课程信息请参见通知。

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
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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 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 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 *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
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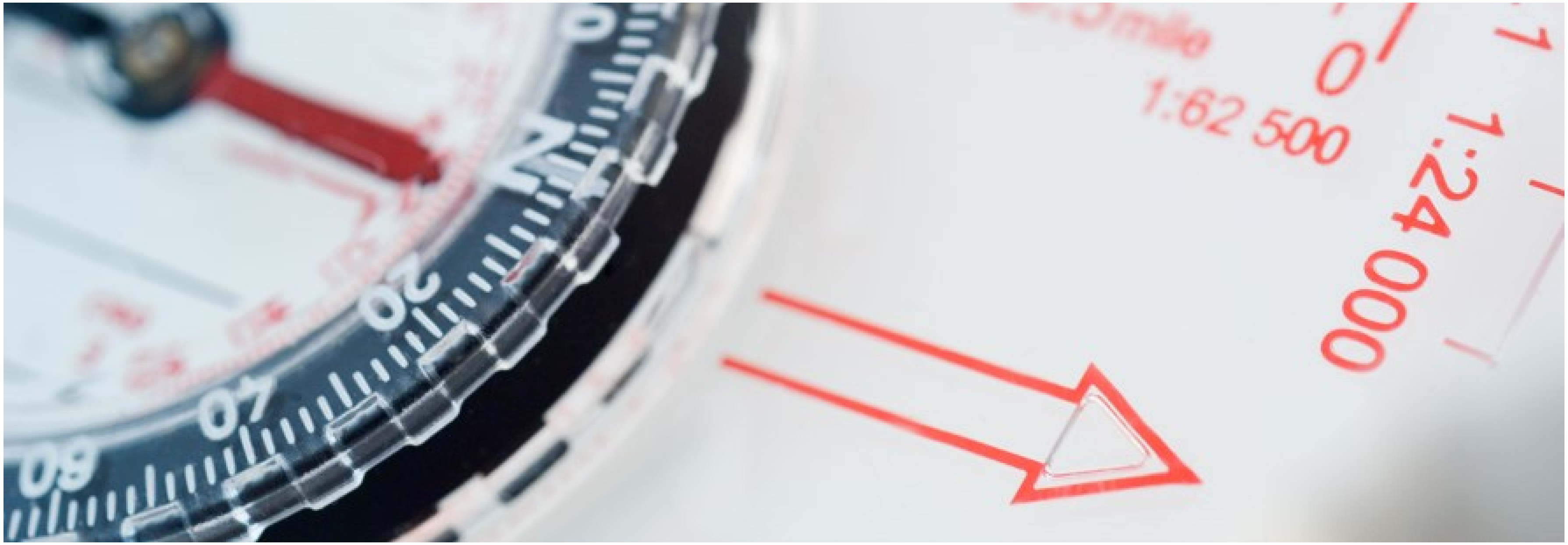
主讲教师简介

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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