



Elsevier Research Intelligence

# SciVal 使用培训

杜婷婷 科研管理解决方案咨询顾问

[t.du@elsevier.com](mailto:t.du@elsevier.com)

Empowering Knowledge

## 主要内容

- SciVal 简介
- SciVal 使用
  - SciVal中分析对象的生成
  - 各模块概览
- 小结



# SciVal 简介

Empowering Knowledge



ELSEVIER

科学、技术和医学信息  
及解决方案的提供者

## 科学 & 技术 (S&T)

科研管理解决  
方案

电子书

期刊

工程类解决方案

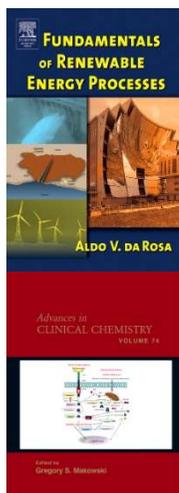
生命科学和化学  
解决方案

Scopus

SciVal

Pure

etc.



ScienceDirect



SciVal是全球最先进的基于科研文献的学科与人才的研究表现分析工具

- 基于Scopus数据库
- 方便快捷地访问全球超过14,000家机构的科研表现
- Top of Prominence -- 对全球约9.6万个研究主题进行趋势分析
- 多元化指标数据（文献、基金、专利、社交媒体评价等多维度）
- 超过600位客户，遍布全球80个国家

# SciVal



## Overview

特定机构和研究人员的研究表现细节



## Benchmarking

比较多个机构和研究人员的研究表现



## Collaboration

了解机构和机构之间的合作和研究的情况



## Trends

掌握研究领域的趋势

## 研究现状的可视化分析 (Overview)

- 获取机构的研究现状，确定其研究优势及各学科领域研究详情
- 通过SciVal的Topic Prominence掌握机构和国家等在科研主题层面的研究概况

# SciVal

## 用户自身研究概况的分析 (Benchmarking)

- 利用SciVal对研究机构、学院、研究小组或其中个人进行分析比较，明确所处位置
- 使用跨学科领域的标准化参数，根据个体目标需求进行深入分析
- 分析用户自身研究中的强项与弱点，为制定有针对性的策略提供依据

## 合作伙伴的拓展 (Collaboration)

- 基于出版情况及引用影响力的分析，评估现有的合作成效、寻找潜在的合作机会
- 使用地图探索用户机构现存或潜在的合作伙伴
- 通过对特定研究领域的挖掘，构建机构及作者的最优合作关系

# SciVal

## 研究趋势的分析 (Trends)

- 通过引用和发文量的大数据分析，掌握研究领域的发展趋势，发现该领域的领军人物及冉冉升起的新星
- 纵览研究领域发展现状，并对国家、机构、作者及发表的活跃度和影响力进行分析，动态调节用户研究策略



# SciVal 使用

## 开始使用 – 机构IP范围内开通、登录/注册后使用

- 与Scopus共享账号，可直接使用Scopus账号登录



Scopus ↗

Sign in

### Welcome to SciVal

SciVal offers quick, easy access to research performance of more than 17,500 research institutions and their associated researchers from 231 nations worldwide.

Don't have access? [Request a consultation](#) ↗



#### Find

Find collaborators to spur innovative solutions to complex problems.



#### Demonstrate

Demonstrate my impact for promotion and funding applications.



#### Discover

Discover relevant cross-disciplinary areas of research.

SciVal provides 96,000 niche areas of research for you to explore

# SciVal使用页面纵览

点击任意模块进入使用界面



Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus [?](#) [🏠](#) [TD](#)

## Welcome to SciVal



概览

Overview

Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Go to Overview >](#)



比较

Benchmarking

Compare and benchmark your Institution to other Institutions, Researchers and Groups of Researchers using a variety of metrics.

[Go to Benchmarking >](#)



合作

Collaboration

Explore the collaboration network of both your Institution and other Institutions.

[Go to Collaboration >](#)



趋势

Trends

Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars.

[Go to Trends >](#)



报告

Reporting

Create rich Reports specifically tailored to support your institution's distinct research strategy.

[Go to Reporting >](#)

# SciVal使用页面纵览

## SciVal使用界面

分析模块

The screenshot shows the SciVal interface for a 'World' analysis. The navigation menu on the left is titled 'Countries, Regions and Groups' and lists various geographical entities. The main content area displays 'Overall research performance' with three key metrics: Scholarly Output (13,413,115), Authors (14,653,692), and Field-Weighted Citation Impact (1.00). A pie chart at the bottom illustrates the distribution of research across various fields, with Medicine being the largest category at 14.1%.

Metric	Value
Scholarly Output	13,413,115
Authors	14,653,692
Field-Weighted Citation Impact	1.00

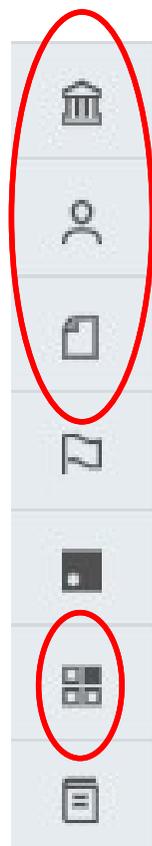
Field	Percentage
Medicine	14.1%
Other	13.7%
Social Sciences	5.6%
Computer Science	7.5%
Mathematics	4.2%
Physics and Astronomy	6.6%
Chemistry	4.9%
Chemical Engineering	2.8%
Materials Science	6.2%
Arts and Humanities	2.6%

分析对象

# SciVal使用页面纵览

## 分析对象面板

Overview -  
Topics &  
Topic  
Clusters



机构：大学，科研院所，企业，大学联盟，省（市）

学者及学者群组：研究团队，实验室，院系

文献集

国家和地区：国家，地区，国家联盟，大洲，全球...

研究主题及研究热点

研究领域

出版物



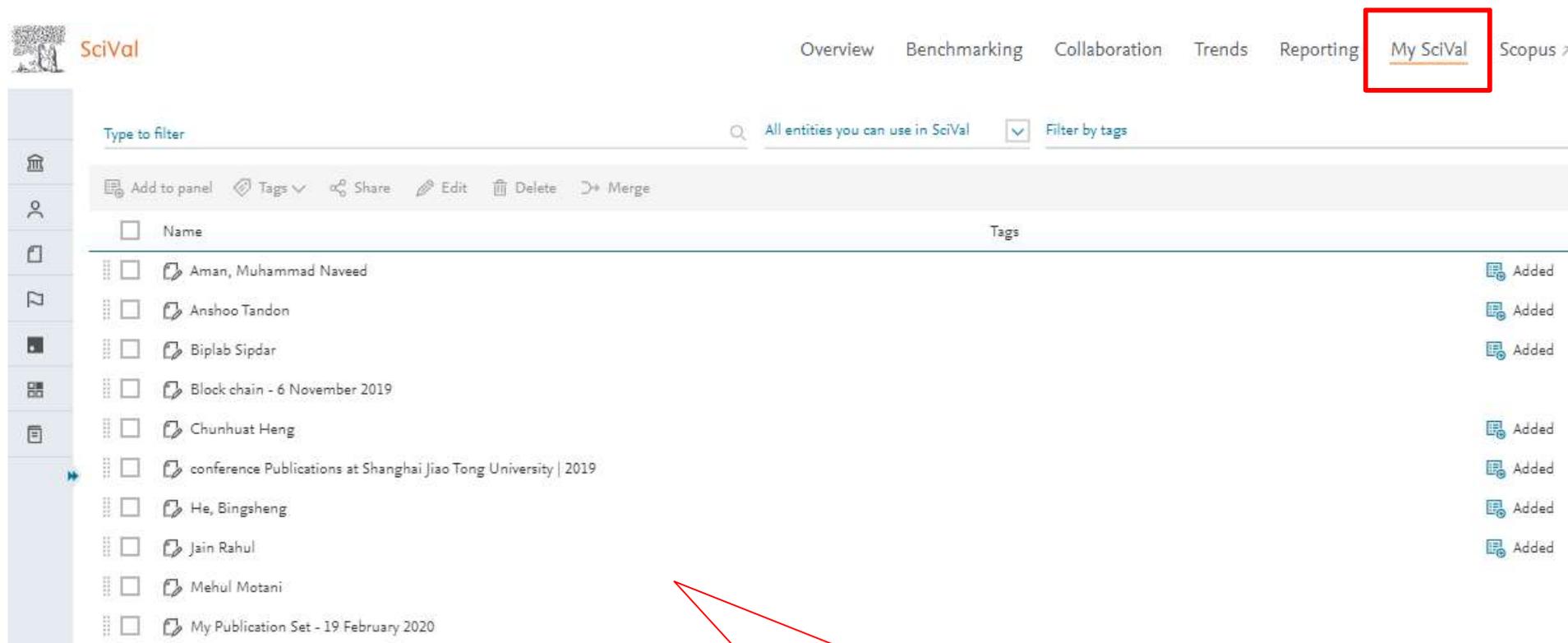
# SciVal 中分析对象的生成

## SciVal分析对象的生成 – 为什么？

- SciVal的分析对象即数据，是SciVal分析的基础。正确选择、生成分析对象是得到可信分析结果的先决条件
- SciVal分析对象的生成可分为：
  - ✓ 通过搜索将预设分析对象直接导入
  - ✓ 自定义分析对象：当SciVal中预设的分析对象无法满足需要时，按需自行建立分析对象。自定义功能使SciVal分析对象的建立更加灵活，分析对象的范围更加广泛

## SciVal分析对象的生成 - My SciVal

生成的分析对象可以在My Scival中查看和编辑



The screenshot displays the SciVal interface, specifically the 'My SciVal' section. The top navigation bar includes 'Overview', 'Benchmarking', 'Collaboration', 'Trends', 'Reporting', 'My SciVal' (highlighted with a red box), and 'Scopus'. Below the navigation bar, there is a search bar with the text 'Type to filter' and a dropdown menu set to 'All entities you can use in SciVal'. A 'Filter by tags' option is also visible. The main content area shows a list of analysis objects, each with a checkbox, a name, and a 'Tags' column. The objects listed are:

<input type="checkbox"/>	Name	Tags
<input type="checkbox"/>	Aman, Muhammad Naveed	Added
<input type="checkbox"/>	Anshoo Tandon	Added
<input type="checkbox"/>	Biplab Sirdar	Added
<input type="checkbox"/>	Block chain - 6 November 2019	
<input type="checkbox"/>	Chunhuat Heng	Added
<input type="checkbox"/>	conference Publications at Shanghai Jiao Tong University   2019	Added
<input type="checkbox"/>	He, Bingsheng	Added
<input type="checkbox"/>	Jain Rahul	Added
<input type="checkbox"/>	Mehul Motani	
<input type="checkbox"/>	My Publication Set - 19 February 2020	

按分析对象进行分类

# SciVal 中分析对象的生成

- 机构或机构组的生成

# SciVal分析对象的生成 - Institutions and Groups

✓ 机构或机构组的生成

SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ?

## Shanghai Jiao Tong University ☆

SJTU · 上海交通大学

60th (QS) · #157 (THE) · 82nd (ARWU) · 4th (RUANKE) China More details on this Institution

2016 to >2019 no subject area filter selected ASJC Data sources

Summary Topics & Topic Clusters Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

Overall research performance

71,309 Scholarly Output	59,615 Authors	1.26 Field-Weighted Citation Impact
444,723 Citation Count	6.2 Citations per Publication	151 h5-index

Pie Chart

Other (14.7%) Computer Science (8.5%)

+ Add Institutions and Groups

点击“增加机构和机构组”

# SciVal分析对象的生成 - Institutions and Groups

✓ 机构或机构组的生成 - 直接搜索添加

The screenshot displays the SciVal interface. On the left, the 'Institutions and Groups' sidebar is active, showing a search bar with '上海交通' entered. Below the search bar, 'Shanghai Jiao Tong University - SJTU' is listed as a search result. The main content area shows the profile for 'Shanghai Jiao Tong University ☆'. The profile includes a summary of research performance with the following data:

Metric	Value
Scholarly Output	71,309
Authors	59,615
Field-Weighted Citation Impact	1.26
Citation Count	444,723
Citations per Publication	6.2
h5-index	151

The interface also shows various filters and options, such as '2016 to >2019', 'no subject area filter selected', and 'ASJC'. A red arrow points from the search bar in the sidebar to the text box below.

直接输入想要添加的机构或机构组（目前SciVal支持使用中文查询单个中国机构，还不支持中文查询机构组）

## SciVal分析对象的生成 - Institutions and Groups

✓ 机构或机构组的生成 - 通过浏览参加

The screenshot shows the 'Add Institutions and Groups' window in SciVal. The interface includes a sidebar with navigation options like 'Institutions and Groups', 'Favorites', and 'Others'. The main area displays a list of institutions with columns for 'Name' and 'Tags'. A search bar is visible at the top of the list, and an 'Add' button is located at the bottom right of the list. Three red callout boxes provide instructions: one points to the search bar with the text '利用筛选功能缩小范围', another points to the 'Advanced search' option in the sidebar with the text '点击“增加机构和机构组”下的“高级搜索”，浏览SciVal中的预设机构及机构组，寻找添加感兴趣的机构或机构组', and a third points to the 'Add' button with the text '点击添加'.

利用筛选功能缩小范围

点击“增加机构和机构组”下的“高级搜索”，浏览SciVal中的预设机构及机构组，寻找添加感兴趣的机构或机构组

点击添加

Name	Tags
<input type="checkbox"/> International Center for Wireless Collaborative Research 上海无线通信研究中心	
<input type="checkbox"/> New York University Shanghai 上海纽约大学	
<input type="checkbox"/> SAIC Motor Corporation Limited 上海汽车集团股份有限公司	
<input type="checkbox"/> Shanghai Academy of Social Sciences 上海社会科学院	
<input type="checkbox"/> Shanghai Business School 上海商学院	
<input type="checkbox"/> Shanghai Cancer Institute	

# SciVal分析对象的生成 - Institutions and Groups

✓ 自定义机构组

The screenshot displays the SciVal interface for Shanghai Jiao Tong University. The left sidebar is titled 'Institutions and Groups' and contains a 'Favorites' section with 'Unknown institution' and an 'Others' section with 'Beijing', 'City University of Hong Kong', and 'Fudan University'. Below these is a search bar and a button labeled '+ Define a new Group of Institutions', which is highlighted with a red box. The main content area shows the university's profile, including its name, location (China), and various research performance metrics. A red arrow points from the highlighted button to a text box at the bottom of the page.

Shanghai Jiao Tong University ☆

SJTU · 上海交通大学

60th (QS) · 157 (THE) · 82nd (ARWU) · 4th (RUANKE) · China

2016 to >2019 | no subject area filter selected | ASJC

Summary | Topics & Topic Clusters | Collaboration | Published | Viewed | Cited | Authors | Economic Impact | Societal Impact | Awarded Grants

Overall research performance

71,309 Scholarly Output	59,615 Authors	1.26 Field-Weighted Citation Impact
444,723 Citation Count	6.2 Citations per Publication	151 h5-index

+ Add Summary to Reporting | Export

+ Add to Reporting

+ Add to Reporting

点击“增加机构和机构组下”的  
“定义新机构组”

# SciVal分析对象的生成 - Institutions and Groups

## ✓ 自定义机构组

### Define a new Group of Institutions

1. Check existing Groups | 2. Select Institutions | 3. Save Groups

Is your Group already in SciVal?

Select it from the list below:

Type to filter  All Groups you can use in SciVal

- > Ningxia
- > Qinghai
- > Shaanxi
- > Shandong
- > Shanghai
- > Shanxi
- > Sichuan
- > Taiwan
- > Tianjin
- > Xinjiang
- > Yunnan
- > Zhejiang

Can't find the Group you want?  
Then you can submit a request to have it added to SciVal.  
Please note that a new Group of Institutions could take about 6 hours to be computed.

预设机构组能满足分析要求时 → Select this Group >

预设机构组不能满足分析要求时 → Define a new Group >

# SciVal分析对象的生成 - Institutions and Groups

✓ 自定义机构组

## Define a new Group of Institutions



1. Check existing Groups

2. Select Institutions

3. Save Groups

Select the Institutions that will form your new Group

All Institutions and Groups  All tags

Copy selected to my new Group

Type to filter  
Peking

Remove selected from my new Group

⋮ Peking Union Medical College

⋮ Peking University

拖拽

Drag and drop at least one entity from the list on the left to define your Group of Institutions

< Previous step

Next step >

# SciVal分析对象的生成 - Institutions and Groups

✓ 自定义机构组

## Define a new Group of Institutions



1. Check existing Groups

2. Select Institutions

3. Save Groups

Select the Institutions that will form your new Group

All Institutions and Groups  All tags

+ Copy selected to my new Group

Type to filter  
ts

Remove selected from my new Group

- Tshwane University of Technology
- Tsinghua University
- Tsurumi University
- A.V.Bogatsky Physico-Chemical Institute of the National Academy of Sciences of Ukraine
- Aber Instruments Ltd
- AFSSA Agence Francaise de Securite Sanitaire des Aliments
- Air Products and Chemicals, Inc.
- Akademie der Bildenden Kunste Wien - Academy of Fine Arts Vienna
- Applied Ground Engineering Consultants Ltd
- Arts et Metiers ParisTech

- Peking University
- University of Science and Technology of China
- Tsinghua University

< Previous step

根据提示生成机构组



Next step >

# SciVal 中分析对象的生成

- 研究人员和研究小组的生成

# SciVal分析对象的生成 - Researchers and Groups

✓ 研究人员的生成

SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus

## Shanghai Jiao Tong University ☆

SJTU · 上海交通大学

60th (QS) · 157 (THE) · 82nd (ARWU) · 4th (RUANKE) China More details on this Institution

2016 to >2019 no subject area filter selected ASJC Data sources

Summary Topics & Topic Clusters Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

### Overall research performance

71,309 Scholarly Output	59,615 Authors	1.26 Field-Weighted Citation Impact
444,723 Citation Count	6.2 Citations per Publication	151 h5-index

Pie Chart

Other (14.7%) Computer Science (8.5%) Mathematics (4.2%)

+ Add Researchers and Groups

Clean this section

点击“增加研究人员和研究小组”

# SciVal分析对象的生成 - Researchers and Groups

✓ 研究人员的生成

The screenshot displays the SciVal interface for Shanghai Jiao Tong University. On the left, a sidebar titled 'Researchers and Groups' lists several researchers: Chen, Zhigang; Ding, Yongsheng; Hu, Junqing Qing; Kaelin, William G.; Pollak, Michael N.; and Qing, Fengling. Below the list is a search bar and options to 'Advanced search', 'Define a new Researcher', 'Define a new Group', 'Import Researchers', and 'Synchronize Groups'. The main content area is titled 'Shanghai Jiao Tong University' and shows various performance metrics under the 'Overall research performance' section. The metrics are as follows:

Metric	Value	Change
Scholarly Output	71,309	▲
Authors	59,615	▲
Field-Weighted Citation Impact	1.26	
Citation Count	444,723	
Citations per Publication	6.2	
h5-index	151	

Additional interface elements include a top navigation bar with 'Overview', 'Benchmarking', 'Collaboration', 'Trends', 'Reporting', 'My SciVal', and 'Scopus'. The main content area also features a 'Summary' tab and various filters for data sources and time periods.

## SciVal分析对象的生成 - Researchers and Groups

### ✓ 研究人员的生成

 Advanced search

 Define a new Researcher

 Define a new Group

 Import Researchers

 Synchronize Groups

- 搜索已经添加了的研究人员，不能用来添加新的研究人员
- 搜索研究人员名称
- 建立研究小组
- 研究人员ID导入
- 层级架构更新

# SciVal分析对象的生成 - Researchers and Groups

✓ 研究人员的生成 - 搜索研究人员名称

The screenshot displays the SciVal interface. On the left, the 'Researchers and Groups' sidebar is visible, featuring a search bar and several options: 'Advanced search', 'Define a new Researcher' (highlighted with a red box), 'Define a new Group', 'Import Researchers', and 'Synchronize Groups'. The main content area shows the profile for 'Shanghai Jiao Tong University' (上海交通大学). The profile includes a navigation menu with options like 'Summary', 'Topics & Topic Clusters', 'Collaboration', 'Published', 'Viewed', 'Cited', 'Authors', 'Economic Impact', 'Societal Impact', and 'Awarded Grants'. The 'Overall research performance' section is prominently displayed, showing the following metrics:

Metric	Value
Scholarly Output	71,309
Authors	59,615
Field-Weighted Citation Impact	1.26
Citation Count	444,723
Citations per Publication	6.2
h5-index	151

Additional features include a 'Pie Chart' option at the bottom left and '+ Add to Reporting' and 'Export' buttons for each metric. The top navigation bar includes 'Overview', 'Benchmarking', 'Collaboration', 'Trends', 'Reporting', 'My SciVal', and 'Scopus'.

## SciVal分析对象的生成 - Researchers and Groups

✓ 研究人员的生成 - 搜索研究人员名称

Define a new Researcher ×

Define a new Researcher ×

1. Search   2. Select   3. Validate publications (optional)   4. Save Researcher

Select author name variant(s) that refer to the Researcher

Author	Publications ↓	Subject Area	Affiliation	Country
<input checked="" type="checkbox"/> Shi, Yi Gong Shi, Yigong Shi Phd, Yigong Shi, Yigong Shi, Y. Shi, Y. G. <a href="#">Show recent publications</a>	204	Arts and Humanities, Biochemistry, Genetics and Molecular Biology, Medicine, Materials Science, Agricultural and Biological Sciences, Chemical Engineering, Neuroscience, Immunology and Microbiology, Mathematics, Environmental Science, Chemistry, Engineering, Computer Science, Pharmacology, Toxicology and Pharmaceuticals, Multidisciplinary, Energy, Physics and Astronomy	Tsinghua University	China

点击添加研究人员

< Previous step

Directly go to Save Researcher >

Validate publications (optional) >

## SciVal分析对象的生成 - Researchers and Groups

✓ 研究人员的生成 - 搜索研究人员名称

### Define a new Researcher ×

1. Search   2. Select   3. Validate publications (optional)   4. Save Researcher

Select author name variant(s) that refer to the Researcher

<input type="checkbox"/> Author	Publications ↓	Subject Area	Affiliation	Country
<input checked="" type="checkbox"/> Shi, Yi Gong	204	Arts and Humanities, Biochemistry, Genetics and Molecular Biology, Medicine, Materials Science, Agricultural and Biological Sciences, Chemical Engineering, Neuroscience, Immunology and Microbiology, Mathematics, Environmental Science, Chemistry, Engineering, Computer Science, Pharmacology, Toxicology and Pharmaceutics, Multidisciplinary, Energy, Physics and Astronomy	Tsinghua University	China
<input type="checkbox"/> Shi, Yigong				
<input type="checkbox"/> Shi Phd, Yigong				
<input type="checkbox"/> Shi, Yigong				
<input type="checkbox"/> Shi, Y.				
<input type="checkbox"/> Shi, Y. G.				
<a href="#">Show recent publications</a>				

验证研究人员名下收录的文章是否有错漏（可选择）

[← Previous step](#)

[Directly go to Save Researcher >](#)

[Validate publications \(optional\) >](#)

# SciVal分析对象的生成 - Researchers and Groups

✓ 研究人员的生成 - 搜索研究人员名称

可剔除错误收录的文章，并添加未收录的文章。注意：所有的更改都会同步至Scopus。需谨慎使用“Validate publications”功能。

## Define a new Researcher

1. Search
2. Select
3. Validate publications (optional)
4. Save Researcher

204 (of which 200 are from 1996 or later) publications are associated with your selected author name variants. Uncheck publications that should not be associated with the Researcher.

**取消选择，剔除错误收录的文章**

i Can't see a publication you think should be there?

**添加未收录文章**

<input type="checkbox"/> Title	Authors	Year ↓	Scopus Source
<input type="checkbox"/> Structures of the fully assembled <i>Saccharomyces cerevisiae</i> spliceosome before activation <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Bai, R., Wan, R., Yan, C., Lei, J., Shi, Y.	2018	Science
<input type="checkbox"/> Ongoing Efforts at Internal-Tin Nb3Sn Strand with Higher J <sub>c</sub> n and Lower Hysteresis Loss <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Liu, J., Shi, Y., Wu, B., Zhang, K., Li, J., Liu, X., Feng, Y., Zhang, P.	2018	IEEE Transactions on Applied Superconductivity
<input type="checkbox"/> Structure of the human activated spliceosome in three conformational states <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Zhang, X., Yan, C., Zhan, X., Li, L., Lei, J., Shi, Y.	2018	Cell Research
<input type="checkbox"/> Structure of a human catalytic step I spliceosome <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Zhan, X., Yan, C., Zhang, X., Lei, J., Shi, Y.	2018	Science
<input type="checkbox"/> Crystal structure of human lysyl oxidase-like 2 (hLOXL2) in a precursor state <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Zhang, X., Wang, Q., Wu, J., Wang, J., Shi, Y., Liu, M.	2018	Proceedings of the National Academy of Sciences of the United States of America

< Previous step

Next step >

# SciVal分析对象的生成 - Researchers and Groups

## ✓ 研究小组的生成

The screenshot displays the SciVal interface for Shanghai Jiao Tong University. The left sidebar, titled 'Researchers and Groups', contains a list of researchers and a search bar. The 'Define a new Group' option is highlighted with a red box. The main content area shows the university's profile, including its name, location, and various performance metrics. A red arrow points from the highlighted sidebar option to a text box at the bottom of the page.

Click "Define a new Group" under "Add Researchers and Groups"

## SciVal分析对象的生成 - Researchers and Groups

✓ 研究小组的生成

### Define a new Group of Researchers

The screenshot shows the 'Define a new Group of Researchers' interface. On the left, a list of researchers is displayed under the heading 'All Researchers and Groups'. The list includes names such as Atuahene-Gima, Kwaku; Chen, Charles J.P.; Chen, Wen; Cheng, Ming; Ding, Yuan; Kim, Taeyeol; Meyer, Klaus E.; Moon, Henry; My Researcher Group 1; Ramasamy, Bala; Wu, Zhishen; Xin, Katherine; and Zhang, Ying Ying. On the right, the 'Group's name' field is highlighted with a red callout box containing the text '为研究小组命名'. Below this field, there is an '+ Add group' button and a list of researchers with checkboxes, including 'Chen, Charles J.P.'. A blue arrow points from the 'My Researcher Group 1' entry in the list to the group definition form, with the text '拖拽' (drag) below it.

Save and finish >

注意：在生成研究小组前，要先添加好作为小组成员的研究人员

# SciVal分析对象的生成 - Researchers and Groups

## ✓ 研究人员的生成



The screenshot displays the SciVal interface for Shanghai Jiao Tong University. The left sidebar, titled 'Researchers and Groups', contains a search bar and several options: 'Advanced search', 'Define a new Researcher', 'Define a new Group', 'Import Researchers' (highlighted with a red box), and 'Synchronize Groups'. The main content area shows the university's overall research performance metrics, including Scholarly Output (71,309), Authors (59,615), Field-Weighted Citation Impact (1.26), Citation Count (444,723), Citations per Publication (6.2), and h5-index (151). A red callout box points to the 'Import Researchers' option with the text: 点击“增加研究人员和研究小组”下的“导入研究人员”，可实现批量导入

## SciVal分析对象的生成 - Researchers and Groups

- ✓ 研究人员的生成 - 研究人员ID导入 (从Scopus获取或其它渠道)

### Import Researchers



1. Upload file or paste IDs

2. Refine authors

3. Organize and save

#### Import Researchers

Here you can import a list of Scopus authors into SciVal (max. 1,000). Where applicable, these will be added to your existing hierarchy. [Learn more >](#)  
If you want to replace one or more groups, go to [Synchronize your Groups of Researchers](#)

Use a Template [Learn more >](#)

Download file

Replace the example content with your own content.  
You can upload up to 1,000 researchers in a file.

Drop file here or click to upload  
(CSV, XLS, JSON, or text file)

#### Paste IDs

Alternatively, you can paste a list of Scopus author IDs or ORCIDs in this field (one ID per row, max. 1,000).

7403463877  
24778907100

Next step >

将Scopus author ID或者  
ORCID复制粘贴在此对话框中

## SciVal分析对象的生成 - Researchers and Groups

✓ 研究人员的生成 - 研究人员ID导入 (从Scopus获取或其它渠道)

### Import Researchers

[Learn about the matching algorithm](#) X

1. Upload file or paste IDs

2. Refine authors

3. Organize and save

4 matched authors

will be directly imported into SciVal.

[Learn more](#)

Author ↑	ID
Chen, Chunhui	14630068000
Guo, Guang-Can	7402768124
Hu, Yuan	35261989400
Zhang, Ying Ying	7601328283

[Previous step](#)

[Import researcher >](#)

[Organize groups >](#)

点击一次性导入

## SciVal分析对象的生成 - Researchers and Groups

- ✓ 研究人员的生成 - 直接从Scopus导入



Search Sources Lists SciVal ↗ Library catalogue ↗

### 作者详情

< 返回检索结果 1/2 下一个 >

Shi, Yigong

查看可能的匹配作者

个人资料操作

编辑作者个人资料

连接到 ORCID

Alerts

设置引文通知

设置文献通知

保存至作者列表

导出个人资料到 SciVal

作者 ID: 7404964958

归属机构:

Westlake University, Hangzhou, China 查看更多

其他姓名格式: Shi, Yigong Shi PhD, Yigong Shi, Yi Gong Shi, Y. Shi, Y. G.

学科类别:

Biochemistry, Genetics and Molecular Biology Multidisciplinary Materials Science Engineering Physics and Astronomy Agricultural and Biological Sciences  
Pharmacology, Toxicology and Pharmaceutics Medicine Environmental Science Neuroscience Chemistry Mathematics Chemical Engineering Arts and Humanities Energy

查看全部

在Scopus的作者详情页面导出至SciVal

# SciVal分析对象的生成 - Researchers and Groups

✓ 层级结构

The screenshot shows the SciVal interface with the following elements:

- Navigation Bar:** Overview, Benchmarking, Collaboration, Trends, Reporting, My SciVal (selected), Scopus, Tingting Du, and a menu icon.
- Left Sidebar:**
  - Institutions and Groups
  - Researchers and Groups (show ▾)
  - Publication Sets
  - Countries and Groups
  - Topics and Research Areas
- Main Content Area:**
  - Search bar: Type to filter
  - Entity filters: Entities defined by you
  - Filter by tags
  - Actions: Add to panel, Tags, Share, Edit, Delete, Export, Add new
  - Table with columns: Name, Tags

The table content is as follows:

Name	Tags
My Researcher Group 1	Added
Nanjing University	Added
School of chemistry and chemical engineering	Added
School of Geography and Ocean Science	Added
School of Life Science	Added
School of physics	Added
Chen, Wen	Added
Cheng, Ming	Added
Ding, Yuan	Added
Moon, Henry	Added
Ramasamy, Bala	Added
Wu, Zhishen	Added

A red box highlights the 'Nanjing University' group and its sub-units. A blue arrow points from this box to a text box containing the text: 批量导入学者，并建立二级机构档案

# SciVal分析对象的生成 - Researchers and Groups

## ✓ 层级结构

The screenshot displays the SciVal interface for Shanghai Jiao Tong University. The left sidebar, titled 'Researchers and Groups', contains a list of researchers and options to 'Define a new Researcher', 'Define a new Group', 'Import Researchers', and 'Synchronize Groups'. The 'Import Researchers' option is highlighted with a red box. A red callout box points to this option with the text: 利用“增加研究人员和研究小组”下的“导入研究人员”.

The main content area shows the profile for Shanghai Jiao Tong University (上海交通大学). It includes a navigation menu with options like Overview, Benchmarking, Collaboration, Trends, Reporting, My SciVal, and Scopus. The 'Overall research performance' section displays the following metrics:

Metric	Value
Scholarly Output	71,309
Authors	59,615
Field-Weighted Citation Impact	1.26
Citation Count	444,723
Citations per Publication	6.2
h5-index	151

# SciVal分析对象的生成 - Researchers and Groups

✓ 层级结构

## Import Researchers



1. Upload file or paste IDs

2. Refine authors

3. Organize and save

### Import Researchers

Here you can import a list of Scopus authors into SciVal (max. 1,000). Where applicable, these will be added to your existing hierarchy. [Learn more](#)   
 If you want to replace one or more groups, go to [Synchronize your Groups of Researchers](#)

Use a Template [Learn more](#)

Download file



Replace the example content with your own content.  
You can upload up to 1,000 researchers in a file.

Drop file here or click to upload  
(CSV, XLS, JSON, or text file)

下载模板，推荐下载XLS格式

### Paste IDs

Alternatively, you can paste a list of Scopus author IDs or ORCIDs in this field (one ID per row, max. 1,000).

7403463877  
24778907100

Next step >

# SciVal分析对象的生成 - Researchers and Groups

✓ 层级结构

Need an example? ✕

Add researcher data, separate values by `||` ; or a carriage return (Alt+Enter)

Add hierarchy using levels, Level 1 is the top one

Author	Name variants	Affiliation	EIDs	DOIs	PMIDs	Title	ISSN/Volume/Issue/Pages	Scopus Author ID	ORCID	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Colledge, Lisa	Colledge, L.	Oxford University				Project Snowball - Sharing data for cross-institutional benchmarking	18770509/33//297-300 1389130/92/2/367-376			Top Researchers					
Kamalski, Judith	Kamalski, J	Utrecht University	2-s:2.0-80051744268 2-s:2.0-84866145113							Top Researchers					
Heeman, Frans C.								6505857281							
Neal, David	Neal D. E.   Neal D.	University of Cambridge				Synthetic lethality between androgen receptor signalling and the PARP pathway in prostate cancer				University of Cambridge	Department of Cancer	Medicine			
Darroch, Peter									0000-0002-0852-8569	Top Researchers					

The more information, the higher the accuracy of the results.

The columns on the left in black are to identify the researchers and the columns on the right in green are to put them in the hierarchy.

- 👤 Colledge, Lisa
- 👤 Kamalski, Judith
- 👤 Heeman, Frans C.
- ✓ 👤 University of Oxford
  - ✓ 👤 Medical Sciences Division
    - ...
      - ✓ 👤 Nuffield Department of Surgical Science
        - 👤 Neal, David

输入研究人员信息

输入所属机构层级信息

# SciVal分析对象的生成 - Researchers and Groups

✓ 层级结构

填写示例

	A	B	C	D	E
1	Author	Affiliations	Level 1	Level 2	Level 3
2	Chen, Jingming	Nanjing University	Nanjing University	School of Geography and Ocean Science	
3	Chen, Zhenjie	Nanjing University	Nanjing University	School of Geography and Ocean Science	
4	Cheng, Liang	Nanjing University	Nanjing University	School of Geography and Ocean Science	
5	Du, Jinkang	Nanjing University	Nanjing University	School of Geography and Ocean Science	
6	Du, Peijun	Nanjing University	Nanjing University	School of Geography and Ocean Science	
7	Gao, Jianhua	Nanjing University	Nanjing University	School of Geography and Ocean Science	
8	Gao, Shu	Nanjing University	Nanjing University	School of Geography and Ocean Science	
9	Hou, Shugui	Nanjing University	Nanjing University	School of Geography and Ocean Science	
10	Huang, Qihao	Nanjing University	Nanjing University	School of Geography and Ocean Science	
11	Huang, Xianjin	Nanjing University	Nanjing University	School of Geography and Ocean Science	
12	Jin, Xiaobin	Nanjing University	Nanjing University	School of Geography and Ocean Science	
13	Ke, Changqing	Nanjing University	Nanjing University	School of Geography and Ocean Science	
14	Li, Feixue	Nanjing University	Nanjing University	School of Geography and Ocean Science	
15	Zuo, Jinglin	Nanjing University	Nanjing University	School of chemistry and chemical engineering	
16	Zhu, Shaolin	Nanjing University	Nanjing University	School of chemistry and chemical engineering	
17	Zhu, Rongshi	Nanjing University	Nanjing University	School of chemistry and chemical engineering	
18	Zhu, Jianhua	Nanjing University	Nanjing University	School of chemistry and chemical engineering	
19	Zhu, Chengjian	Nanjing University	Nanjing University	School of chemistry and chemical engineering	
20	Zhou, Yanzi	Nanjing University	Nanjing University	School of chemistry and chemical engineering	
21	Zhou, Dongshan	Nanjing University	Nanjing University	School of chemistry and chemical engineering	
22	Zheng, Youwan	Nanjing University	Nanjing University	School of chemistry and chemical engineering	

# SciVal分析对象的生成 - Researchers and Groups

✓ 层级结构

## Import Researchers



1. Upload file or paste IDs

2. Refine authors

3. Organize and save

### Import Researchers

Here you can import a list of Scopus authors into SciVal (max. 1,000). Where applicable, these will be added to your existing hierarchy. [Learn more](#) »  
If you want to replace one or more groups, go to [Synchronize your Groups of Researchers](#)

Use a Template [Learn more](#) »

Download file



Replace the example content with your own content.  
You can upload up to 1,000 researchers in a file.

Drop file here or click to upload  
(CSV, XLS, JSON, or text file)

### Paste IDs

Alternatively, you can paste a list of Scopus author IDs or ORCID IDs in this field (one ID per row, max. 1,000).

7403463877  
24778907100

导入填写完成的模板

Next step >

# SciVal分析对象的生成 - Researchers and Groups

## ✓ 层级结构

### Import Researchers

[Learn about the matching algorithm](#) ✕

1. Upload file or paste IDs   2. Refine authors   3. Organize and save

5 matched authors  
will be directly imported into SciVal.

[Learn more](#)

Author ↑	Publications
Hou, Shugui	104
Ke, Changqing	59
Miao, Bingfeng	33
Tian, Dacheng	62
Zuo, Jinglin	300

34 suggested authors  
can be imported into SciVal after refinement or by dragging the best matched profile to the left.

[Learn more](#)

Author	Best match ↓
Yang, Jie	██████████
Wang, Jianjun	██████████
Chen, Jingming	██████████
Ma, Yuqiang	██████████
Du, Peijun	██████████
Zheng, Limin	██████████
Xu, Qiang	██████████
Zhu, Chengjian	██████████

1 author not found  
and will not be imported into SciVal.

[Learn more](#)

Author ↑
Zhu, Rongshi

← 拖拽到左侧，可以使用shift功能批量选择

< Previous step   Import researchers >   Organize groups >

绿色的表示完全匹配。橙色的表示部分匹配，通常是因为在Scopus作者档案多于一个，橙色进度条代表匹配度，选择可以导入的学者拖拽至左侧。最右侧一栏（红色）是在Scopus中没有找到学者档案的，无法导入。

# SciVal分析对象的生成 - Researchers and Groups

## ✓ 层级结构

**Import Researchers** Learn about the matching algorithm

1. Upload file or paste IDs | 2. Refine authors | 3. Organize and save

**6 matched authors**  
will be directly imported into SciVal.  
[Learn more](#)

Author ↑	Publications
Hou, Shugui	105
Ke, Changqing	62
Miao, Bingfeng	35
Sun, Shucun	103
Tian, Dacheng	63
Zuo, Jinglin	307

**33 suggested authors**  
can be imported into SciVal after refinement or by dragging the best matched profile to the left.  
[Learn more](#)

Author	Best match ↓
Huang, Qiuhaio	██████████
Mao, Yiwei	██████████
Zhou, Yanzi	██████████
Du, Jinkang	██████████
Yang, Jie	██████████
Gao, Shu	██████████
Zhou, Dongshan	██████████
Chen, Jingming	██████████
Ma, Yuqiang	██████████

**1 author not found**  
and will not be imported into SciVal.  
[Learn more](#)

Author ↑
Zhu, Rongshi

可以直接导入最匹配作者，或点击进列表查看并人工进行选择

- 87.8%
- > Import most relevant profile
- > Refine all suggested profiles

[Previous step](#) [Import researchers](#) [Organize groups](#)

# SciVal分析对象的生成 - Researchers and Groups

✓ 层级结构

## Refine authors

1. Select   2. Validate publications (optional)   3. Save Researcher

Select author name variant(s) that refer to the Researcher

Author	Match Confidence	Publications	Subject Area	Affiliation	Country
<input checked="" type="checkbox"/> Ma, Yuqiang Ma, Yu qiang Ma, Yu Qiang Ma, Y. Q. Ma, Y. Show recent publications	87.8%	273	Materials Science, Physics and Astronomy, Engineering, Chemistry, Multidisciplinary, Environmental Science, Mathematics, Medicine, Agricultural and Biological Sciences, Biochemistry, Genetics and Molecular Biology, Computer Science, Immunology and Microbiology, Energy, Chemical Engineering	[Nanjing University, Soochow University]	China China
<input checked="" type="checkbox"/> Ma, Yuqiang Show recent publications	26.8%	14	Physics and Astronomy, Materials Science, Engineering, Chemistry, Chemical Engineering	University of Southern California	United States
<input type="checkbox"/> Ma, Yuqiang Ma, Yu Qiang Show recent publications	26.8%	2	Engineering	Shenyang YIXIN Science and	China
<input type="checkbox"/> Ma, Yuqiang Ma, Yu Qiang	26.8%				

选择两位及以上作者保存的，默认申请合并作者。

可剔除错误收录的文章，并添加未收录的文章。注意：所有的更改都会同步至Scopus。需谨慎使用“Validate publications”功能。建议所有的修改都在Scopus中进行。

## SciVal分析对象的生成 - Researchers and Groups

### ✓ 层级结构

**Import Researchers** [Learn about the matching algorithm](#) ✕

1. Upload file or paste IDs | 2. Refine authors | 3. Organize and save

39 matched authors  
will be directly imported into SciVal.  
[Learn more](#)

Author ↑	Publications
Chen, Jingming	322
Chen, Zhenjie	50
Cheng, Liang	90
Du, Jinkang	18
Du, Peijun	248
Gao, Jianhua	64
Gao, Shu	130
Hou, Shugui	104

1 author not found  
and will not be imported into SciVal.  
[Learn more](#)

Author ↑  
Zhu, Rongshi

[< Previous step](#) [Import researchers >](#) [Organize groups >](#)

点击导入。计算可能达数小时

# SciVal分析对象的生成 - Researchers and Groups

✓ 层级结构

The screenshot shows the 'My SciVal' interface with a navigation menu at the top including Overview, Benchmarking, Collaboration, Trends, Reporting, My SciVal, and Scopus. Below the menu is a search bar and a filter dropdown set to 'All entities you can use in SciVal'. A toolbar contains options like 'Add to panel', 'Tags', 'Share', 'Edit', 'Delete', 'Export', and 'Add new'. The main content area displays a hierarchical tree structure:

- My Researcher Group 1
  - Nanjing University
    - School of chemistry and chemical engineering
      - Zheng, Limin
      - Zheng, Youxuan
      - Zhou, Dongshan
      - Zhou, Yanzi
      - Zhu, Chengjian
      - Zhu, Jianhua
      - Zhu, Shaolin
      - Zuo, Jinglin
    - School of Geography and Ocean Science
    - School of Life Science
    - School of physics

Each node in the tree has a 'Name' column and a 'Tags' column. To the right of the tree, there are several 'Added' status indicators and icons for editing and deleting items. A red callout bubble points to the 'Nanjing University' section with the text: 可以在My Scival中查看和编辑.

## SciVal分析对象的生成 - Researchers and Groups

### ✓ 层级结构

- 如果存在有效的Scopus Author ID或ORCID, 则直接通过Scopus Author ID或ORCID来匹配并导入研究人员。
- 如果为同一个研究人员填写了多个有效的Scopus Author ID, 导入系统后, 系统会默认为为该研究人员申请了作者合并, 合并结果会直接反映到Scopus中。

## SciVal分析对象的生成 - Researchers and Groups

✓ 对层级结构进行修改

The screenshot displays the SciVal interface for 'My SciVal'. The left sidebar shows navigation options: Institutions and Groups, Researchers and Groups (selected), Publication Sets, Countries and Groups, and Topics and Research Areas. The main content area shows a hierarchical tree structure of research groups. The 'Export' button in the top toolbar is highlighted with a red box. A red arrow points from this button to a text box with the following text:

从My Scival中导出原层级结构Excel表格作为新的模板

Name	Tags
> My Researcher Group 1	
▼ Nanjing University	Added
▼ School of chemistry and chemical engineering	Added
Zheng, Limin	Added
Zheng, Youxuan	Added
Zhou, Dongshan	Added
Zhou, Yanzi	Added
Zhu, Chengjian	Added
Zhu, Jianhua	Added
Zhu, Shaolin	Added
Zuo, Jinglin	Added
> School of Geography and Ocean Science	Added
> School of Life Science	Added
> School of physics	Added

## SciVal分析对象的生成 - Researchers and Groups

- ✓ 对层级结构进行修改

直接在已整理过的原层级结构Excel表格中进行修改，形成新的模板

	A	B	C	D	E	F	G
1	Author	Scopus Author ID	Level 1	Level 2	Level 3	Level 4	Level 5
2	Chen, Jingming	55120726100	Nanjing University	School of Geography and Ocean Science			
3	Chen, Zhenjie	23007742700	Nanjing University	School of Geography and Ocean Science			
4	Cheng, Liang	57188569734	Nanjing University	School of Geography and Ocean Science			
5	Du, Jinkang	7402575417	Nanjing University	School of Geography and Ocean Science			
6	Du, Peijun	57203501401	Nanjing University	School of Geography and Ocean Science			
7	Gao, Jianhua	55702610900	Nanjing University	School of Geography and Ocean Science			
8	Gao, Shu	57189465677	Nanjing University	School of Geography and Ocean Science			
9	Hou, Shugui	7201471897	Nanjing University	School of Geography and Ocean Science			
10	Huang, Qiuhaohao	15839363600	Nanjing University	School of Geography and Ocean Science			
11	Huang, Xianjin	12773840300	Nanjing University	School of Geography and Ocean Science			
12	Jin, Xiaobin	23477644800	Nanjing University	School of Geography and Ocean Science			
13	Ke, Changqing	34768438000	Nanjing University	School of Geography and Ocean Science			
14	Li, Feixue	23005164800	Nanjing University	School of Geography and Ocean Science			
15	Shen, Pingping	7201767648	Nanjing University	School of Life Science			
16	Sun, Shucun	10038918300	Nanjing University	School of Life Science			
17	Sun, Yang	57189470663	Nanjing University	School of Life Science			
18	Tian, Dacheng	7101796060	Nanjing University	School of Life Science			
19	Tian, Xingjun	57199179286	Nanjing University	School of Life Science			
20	Wang, Jianjun	57077056300	Nanjing University	School of Life Science			
21	Wang, Jinde	10241893300	Nanjing University	School of Life Science			
22	Wang, Xiaoyong	57194713052	Nanjing University	School of Life Science			
23	Wang, Zhongsheng	57203728150	Nanjing University	School of Life Science			
24	Wu, Xudong	14007357800	Nanjing University	School of Life Science			

# SciVal分析对象的生成 - Researchers and Groups

✓ 对层级结构进行修改

假设南京大学发生如下调整：

直接在已整理过的原层级结构Excel表格中进行修改，形成新的模板

	A	B	C	D	E	F
1	Author	Scopus Author ID	Level 1	Level 2	Level 3	Level 4
2	Chen, Jingming	55120726100	Nanjing University	School of Geography and Ocean Science		
3	Chen, Zhenjie	23007742700	Nanjing University	School of Geography and Ocean Science		
4	Cheng, Liang	57188569734	Nanjing University	School of Geography and Ocean Science		
5	Du, Jinkang	7402575417	Nanjing University	School of Geography and Ocean Science		
6	Du, Peijun	57203501401	Nanjing University	School of Geography and Ocean Science		
7	Gao, Jianhua	55702610900	Nanjing University	School of Geography and Ocean Science		
8	Gao, Shu	57189465677	Nanjing University	School of Geography and Ocean Science		
9	Hou, Shugui	7201471897	Nanjing University	School of Geography and Ocean Science		
10	Huang, Qiuhaohao	15839363600	Nanjing University	School of Geography and Ocean Science	离职	
11	Huang, Xianjin	12773840300	Nanjing University	School of Geography and Ocean Science		
12	Jin, Xiaobin	23477644800	Nanjing University	School of Geography and Ocean Science		
13	Ke, Changqing	34768438000	Nanjing University	School of Geography and Ocean Science		
14	Li, Feixue	23005164800	Nanjing University	School of Geography and Ocean Science		
15	Shen, Pingping	7201767648	Nanjing University	School of Life Science		
16	Sun, Shucun	10038918300	Nanjing University	School of Life Science		
17	Sun, Yang	57189470663	Nanjing University	School of Life Science		
18	Tian, Dacheng	7101796060	Nanjing University	School of Life Science		
19	Tian, Xingjun	57199179286	Nanjing University	School of Life Science		
20	Wang, Jianjun	57077056300	Nanjing University	School of Life Science		
21	Wang, Jinde	10241893300	Nanjing University	School of Life Science		
22	Wang, Xiaoyong	57194713052	Nanjing University	School of Life Science		

调至 School of Geography and Ocean Science

## SciVal分析对象的生成 - Researchers and Groups

✓ 对层级结构进行修改

The screenshot displays the SciVal interface for managing 'Researchers and Groups'. The left sidebar shows navigation options: 'Institutions and Groups', 'Researchers and Groups' (selected), 'Publication Sets', 'Countries and Groups', and 'Topics and Research Areas'. The main content area shows a hierarchical tree structure under 'Entities defined by you'. The tree includes 'My Researcher Group 1', 'Nanjing University' (expanded), and its sub-units: 'School of chemistry and chemical engineering', 'School of Geography and Ocean Science', 'School of Life Science', and 'School of physics'. Below these are individual researchers: 'Azoulay, Laurent Y.', 'Bao, Yuqian', and 'Cao, Haixia'. A context menu is open over the 'School of physics' node, with the 'Synchronize Groups' option highlighted in a red box. A red callout box points to this option with the text: '点选层级结构, 选择“同步小组”'. The top navigation bar includes 'Overview', 'Benchmarking', 'Collaboration', 'Trends', 'Reporting', 'My SciVal' (active), and 'Scopus'. The top right corner has icons for help, home, and user profile.

# SciVal分析对象的生成 - Researchers and Groups

✓ 对层级结构进行修改

## Synchronize Groups

1. Upload file 2. Organize and save

Verify changes

Type to filter

☐ Newly added ☐ Will be removed

☐ Jin, Xiaobin

☐ Gao, Jianhua

☐ Li, Feixue

☐ Huang, Qiu hao

☐ Shen, Pingping

☐ ✓ School of Life Science

+ Add group

☐ Sun, Shucun

☐ Tian, Dacheng

☐ Shen, Pingping

☐ Wang, Jianjun

☐ Yang, Jie

☐ Sun, Yang

“同步小组”后显示改变

Previous step Save and finish >

# SciVal分析对象的生成 - Researchers and Groups

✓ 对层级结构进行修改

The screenshot displays the SciVal interface. On the left, a sidebar titled 'Researchers and Groups' is open, showing a list of researchers and groups. The 'Synchronize Groups' option is highlighted with a red box. The main content area shows the profile for 'Shi, Yi Gong' from Tsinghua University. The profile includes a navigation menu with options like 'Summary', 'Topics & Topic Clusters', 'Collaboration', 'Published', 'Viewed', 'Cited', and 'Economic Impact'. The 'Overall research performance' section displays several metrics: 45 Scholarly Output, 3.84 Field-Weighted Citation Impact, 1,266 Citation Count, 28.1 Citations per Publication, 89 h-index, and 25 h5-index. A red arrow points from the 'Synchronize Groups' option in the sidebar to a text box below.

在“增加研究人员和研究小组”下，选择“同步小组”

# SciVal 中分析对象的生成

- 文献集的生成

# SciVal分析对象的生成 - Publication Sets

✓ 文献集的生成

The screenshot displays the SciVal interface. On the left, a sidebar titled 'Publication Sets' lists various sets, with 'conference Publications at Shanghai Jiao Tong University | 2019' selected. A red box highlights the '+ Add Publication Sets' button at the bottom of the sidebar. The main dashboard shows the title 'conference Publications at Shanghai Jiao Tong University | 2019' and a navigation menu with options like 'Summary', 'Topics & Topic Clusters', 'Collaboration', 'Published', 'Viewed', 'Cited', 'Authors', 'Institutions', and 'Economic Impact'. The 'Overall research performance' section displays four key metrics: 2,022 Scholarly Output, 9,343 Authors, 685 Citation Count, and 0.3 Citations per Publication. A pie chart below shows the distribution of research topics: Computer Science (31.5%), Other (10.4%), Energy (5.0%), and Decision Sciences (3.1%).

Metric	Value
Scholarly Output	2,022
Authors	9,343
Citation Count	685
Citations per Publication	0.3

Topic	Percentage
Computer Science	31.5%
Other	10.4%
Energy	5.0%
Decision Sciences	3.1%

点击“增加文献集”

## SciVal分析对象的生成 - Publication Sets

✓ 文献集的生成

The screenshot displays the SciVal interface. On the left, a sidebar titled 'Publication Sets' lists several sets, with 'conference Publications at Shanghai Jiao Tong University | 2019' selected. Below the list are options for 'Find existing publication set', 'Advanced search', '+ Define a new Publication Set', and '+ Import a Publication Set'. The main area shows the dashboard for the selected set, including a title, filters (2016 to >2019, no subject area filter selected, ASJC), and a navigation menu (Summary, Topics & Topic Clusters, Collaboration, Published, Viewed, Cited, Authors, Institutions, Economic Impact). The 'Overall research performance' section displays three metrics: Scholarly Output (2,022), Authors (9,343), and Field-Weighted Citation Impact (0.98). Two blue callout boxes with red arrows point to the 'Define a new Publication Set' and 'Import a Publication Set' options, with Chinese text explaining their functions: '对已导入的研究人员的文献进行导入' (Import literature of already imported researchers) and '直接导入要分析的文献' (Directly import literature to be analyzed).

conference Publications at Shanghai Jiao Tong University | 2019 ☆

2016 to >2019 no subject area filter selected ASJC

Summary Topics & Topic Clusters Collaboration Published Viewed Cited Authors Institutions Economic Impact

Overall research performance

2,022 Scholarly Output	9,343 Authors	0.98 Field-Weighted Citation Impact
---------------------------	------------------	--

+ Add Summary to Reporting Export

+ Add to Reporting

+ Add to Reporting

+ Add to Reporting

对已导入的研究人员的文献进行导入

直接导入要分析的文献

## SciVal分析对象的生成 - Publication Sets

- ✓ 文献集的生成 - 对已导入的研究人员的文献进行导入

### Define a new Publication Set

You can also import a set of publications from a text file

1. Select Researchers

2. Select publications

3. Save Publication Set

Select one or more Researchers

在已导入的研究人员中进行选择

Name

Top Subject Area, by number of publications

Atuahene-Gima, Kwaku

Strategy and Management

Chen, Charles J.P.

Accounting

Chen, Wen

Applied Mathematics

Cheng, Ming

Electrical and Electronic Engineering

Ding, Yuan

Accounting

Kim, Taeyeol

Applied Psychology

Meyer, Klaus E.

Business and International Management

Moon, Henry

Applied Psychology

Next step >

## SciVal分析对象的生成 - Publication Sets

- ✓ 文献集的生成 - 对已导入的研究人员的文献进行导入

### Define a new Publication Set ×

You can also import a set of publications from a text file

1. Select Researchers

2. Select publications

3. Save Publication Set

Select which publications of the selected Researcher(s) to include

Researcher(s): Atuahene-Gima, Kwaku Chen, Charles J.P. Chen, Wen

<input type="checkbox"/>	Title	Authors	Year	Scopus Source	Citations
<input type="checkbox"/>	Resolving the capability-rigidity paradox in new product innovation <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Atuahene-Gima, K.	2005	Journal of Marketing	580
<input type="checkbox"/>	Market orientation and innovation <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Atuahene-Gima, K.	1996	Journal of Business Research	408
<input type="checkbox"/>	An Empirical Investigation of the Effect of Market Orientation and Entrepreneurship Orientation Alignment on Product Innovation <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	Atuahene-Gima, K., Ko, A.	2001	Organization Science	404
<input type="checkbox"/>	Market knowledge dimensions and cross-functional collaboration: Examining the different routes to product innovation performance <a href="#">View abstract</a> <a href="#">View in Scopus ↗</a>	De Luca, L.M., Atuahene-Gima, K.	2007	Journal of Marketing	389
<input type="checkbox"/>	Association of independent non-executive directors, family	Chen, C.J.P., Jaggi, B.	2000	Journal of Accounting and Public Policy	333

[Previous step](#)

[Next step](#)

对研究人员发表的文献进行选择

## SciVal分析对象的生成 - Publication Sets

- ✓ 文献集的生成 - 对已导入的研究人员的文献进行导入

### Define a new Publication Set ×

You can also import a set of publications from a text file

1. Select Researchers

2. Select publications

3. Save Publication Set



This is a fixed set of publications. It is never updated with new publications.

To add or remove publications later on, go to My SciVal and edit this Publication Set.

Name your Publication Set as

My Publication Set - 2 July 2018

32 of 300

Add tags (optional)



给文献集命名后，保存

< Previous step

Save and finish >

Save and define another Publication Set >

## SciVal分析对象的生成 - Publication Sets

- ✓ 文献集的生成 - 导入要分析的文献（从Scopus获取或其它渠道）

The screenshot displays the SciVal interface for a publication set titled "conference Publications at Shanghai Jiao Tong University | 2019". The left sidebar shows a list of publication sets, with "conference Publications at Shanghai Jiao Tong University | 2019" selected. Below this list, the option "+ Import a Publication Set" is highlighted with a red box. A red arrow points from this box to a blue callout box containing the text "直接导入要分析的文献".

The main content area shows the overall research performance for the selected publication set. The data is as follows:

Metric	Value
Scholarly Output	2,022
Authors	9,343
Field-Weighted Citation Impact	0.98
Citation Count	685
Citations per Publication	0.3

## SciVal分析对象的生成 - Publication Sets

- ✓ 文献集的生成 - 导入要分析的文献（从Scopus获取或其它渠道）

### Import Publication Set



1. Upload file or paste IDs

2. Save Publication Set

#### Upload file

Here you can import a list of publications into SciVal.

Please upload a text file containing a list of publication IDs (DOI, PMID, or EID)  
(one ID per row, max. 20,000).

Drop file here or click to upload.

#### Paste IDs

Alternatively, you can paste the publication IDs (DOI, PMID, or EID) in the field below  
(one ID per row, max. 20,000)

从Scopus中将文献批量导出，  
批量复制粘贴EID导入

Load IDs >

## SciVal分析对象的生成 - Publication Sets

✓ 文献集的生成 - 直接从Scopus导入

Scopus 导出文献设置

您已选择导出 80331 篇文献

选择您的导出方法

- MENDELEY
- RefWorks
- SciVal
- RIS 格式 (EndNote, 参考文献管理器)
- CSV (Excel)
- BibTeX
- 纯文本 (ASCII 编码的 HTML)

您想要导出什么信息?

<input type="checkbox"/> 引文信息	<input type="checkbox"/> 题名信息	<input type="checkbox"/> 摘要和关键字	<input type="checkbox"/> 资金资助详情	<input type="checkbox"/> 其他信息
<input type="checkbox"/> 作者	<input type="checkbox"/> 归属机构	<input type="checkbox"/> 摘要	<input type="checkbox"/> 资金注册编号	<input type="checkbox"/> 商标与制造商
<input type="checkbox"/> 文献标题	<input type="checkbox"/> 连续出版物识别号 (例如 ISSN)	<input type="checkbox"/> 作者关键字	<input type="checkbox"/> 资金提供机构缩写	<input type="checkbox"/> 入藏号与化学式
<input type="checkbox"/> 年份	<input type="checkbox"/> PubMed ID	<input type="checkbox"/> 索引关键字	<input type="checkbox"/> 资金提供机构	<input type="checkbox"/> 会议信息
<input type="checkbox"/> 来源出版物名称	<input type="checkbox"/> 出版商		<input type="checkbox"/> 基金资助文本	<input type="checkbox"/> 包括参考文献
<input type="checkbox"/> 卷、期、页	<input type="checkbox"/> 编辑			
<input type="checkbox"/> 引文计数	<input type="checkbox"/> 原始文献语言			
<input type="checkbox"/> 来源出版物和文献类型	<input type="checkbox"/> 通讯地址			
<input type="checkbox"/> DOI	<input type="checkbox"/> 来源出版物名称缩写			

Scopus can export up to 20,000 documents to SciVal. 取消 导出

从Scopus将文献导出至SciVal, 导出文献上限为20000条

## SciVal分析对象的生成 - Publication Sets

- ✓ 文献集的生成 - 直接从Scopus导入

文献总数小于2000条，直接在SciVal中生成分析对象

文献总数大于2000条小于20000条，无法立即生成，生成后邮件通知

文献总数大于20000条或不同的文献集合，分批导入后在My SciVal里将文献集进行合并

文献集的最大文献数为10万

## SciVal分析对象的生成 - Publication Sets

✓ 文献集的生成 - 合并文献集

(2) 点击“合并”按钮，为新文献集命名后，合并文献集

The screenshot displays the SciVal interface. On the left, a sidebar lists 'Publication Sets' with various entries. The main panel shows a list of publication sets, with two entries from '19 February 2020' highlighted in a red box. A red circle highlights the 'Merge' button in the top toolbar. A dialog box is open, titled 'Merge these 2 Publication Sets into 1', with a warning that 'The original Publication Sets will be deleted.' and a 'Save as:' field containing 'My Publication Set - 9 April 2020 4'. A 'Merge >' button is at the bottom of the dialog.

(1) 选中要合并的文献集

# SciVal 中分析对象的生成

- 国家、地区或相应群组的生成

# SciVal分析对象的生成 - Countries, Regions and Groups

✓ 国家、地区或相应群组的生成

Hide tags

Countries, Regions and Groups

- China
- Europe
- Germany
- Hong Kong
- India
- Singapore
- South Korea
- Spain
- United Kingdom
- United States
- World

+ Add Countries, Regions and Groups

Clean this section

China ☆

2016 to >2019 no subject area filter selected ASJC

Report from template

Data sources

Summary Topics & Topic Clusters Published Viewed Cited Authors Institutions Economic Impact Awarded Grants

Overall research performance

2,528,572 Scholarly Output

3,373,187 Authors

1.04 Field-Weighted Citation Impact

12,947,213 Citation Count

5.1 Citations per Publication

View list of publications

Pie Chart

Other (10.0%)

Computer Science (8.6%)

Mathematics (5.1%)

Physics and Astronomy (8.6%)

Biotechnology, Genetics and Molecular Biology (6.7%)

Medicine (7.3%)

点击“增加国家、地区和群组”

## SciVal分析对象的生成 - Countries, Regions and Groups

- ✓ 国家、地区或相应群组的生成 - 直接搜索添加

The screenshot displays the SciVal interface for the 'China' analysis. The left sidebar, titled 'Countries, Regions and Groups', contains a search box with the text 'world' entered. A red box highlights this search box, and a callout box below it contains the text '直接输入进行搜索' (Direct input for search). The main dashboard shows the 'China' analysis with various metrics and tabs.

**China** ☆

2016 to >2019 | no subject area filter selected | ASJC | Data sources

Summary | Topics & Topic Clusters | Published | Viewed | Cited | Authors | Institutions | Economic Impact | Awarded Grants

Overall research performance

2,528,572 ▲ Scholarly Output	3,373,187 ▲ Authors	1.04 Field-Weighted Citation Impact
12,947,213 Citation Count	5.1 Citations per Publication	

直接输入进行搜索

## SciVal分析对象的生成 - Countries , Regions and Groups

✓ 国家、地区或相应群组的生成 - 通过浏览添加

The screenshot shows the SciVal interface for adding countries, regions, and groups. The main panel is titled "Add Countries, Regions and Groups" and contains a search bar, a "Filter by tags" dropdown, and a list of categories. The left sidebar shows a list of countries and regions, with "Advanced search" highlighted. The "Add" button for the selected "BRIC - Brazil, Russia, India, China" group is also highlighted.

利用筛选功能缩小范围

点击添加

点击“增加国家和群组”下的“高级搜索”，浏览SciVal中的预设国家、地区及群组，寻找添加感兴趣的国家、地区及群组

# SciVal分析对象的生成 - Countries , Regions and Groups

✓ 自定义群组

World

2013 to >2018 | no subject area filter selected | ASJC

Summary | Topics | Awarded Grants | Published | Viewed | Cited | Economic Impact | Authors | Institutions | Countries

Overall research performance

Scholarly Output: 16,473,012

Citation Count: 83,923,071

Authors: 15,377,806

Citations per Publication: 5.1

Field-Weighted Citation Impact: 1.00

Other (13.2%) | Computer Science (7.1%) | Mathematics (4.0%) | Physics and Astronomy (6.7%) | Chemistry (4.9%) | Social Sciences (5.6%) | Arts and Humanities (2.8%)

+ Request a new Group of Countries

点击“增加国家和群组”下的“新建国家群组”

# SciVal分析对象的生成 - Countries , Regions and Groups

## ✓ 自定义群组

The screenshot shows the 'Request a new Group of Countries' interface. It features a progress bar with three steps: '1. Check existing Groups', '2. Select Countries', and '3. Save Groups'. The main question is 'Is your Group already in SciVal?'. Below this, there is a search bar with the text 'Type to filter' and a dropdown menu set to 'All Groups you can use in SciVal'. A list of 'World regions' is displayed, including Africa, Asia Pacific, Europe (highlighted), Middle East, North America, South America, and World. Below the regions are 'Intercontinental Groups' such as 3G - Global Growth Generators, APEC - Asia-Pacific Economic Cooperation, and BRIC - Brazil, Russia, India, China. On the right, a box titled 'Can't find the Group you want?' provides instructions on how to request a new group, noting that it could take about 6 hours to be computed. Two blue callout boxes with arrows point to the 'Select this Group >' button and the 'Request a new Group >' button.

Request a new Group of Countries

1. Check existing Groups 2. Select Countries 3. Save Groups

Is your Group already in SciVal?

Select it from the list below:

Type to filter  All Groups you can use in SciVal

World regions

- > Africa
- > Asia Pacific
- > Europe
- > Middle East
- > North America
- > South America
- World

Intercontinental Groups

- > 3G - Global Growth Generators
- > APEC - Asia-Pacific Economic Cooperation
- > BRIC - Brazil, Russia, India, China

Can't find the Group you want?

Then you can submit a request to have it added to SciVal. Please note that a new Group of Countries could take about 6 hours to be computed.

预设群组能满足分析要求时

预设群组不能满足分析要求时

Select this Group >

Request a new Group >

## SciVal分析对象的生成 - Countries , Regions and Groups

✓ 自定义群组

Request a new Group of Countries

1. Check existing Groups 2. Select Countries 3. Save Groups

Select the Countries that will form your new Group

All Countries and Groups All tags

+ Copy selected to my new Group Type to filter

Remove selected from my new Group

Northern Mariana Islands  
Pakistan  
Palau  
Papua New Guinea  
Philippines  
Samoa  
Singapore  
Solomon Islands  
South Korea  
Sri Lanka  
Taiwan

China  
Japan  
Singapore

拖拽

根据提示生成群组

< Previous step Next step >

# SciVal 中分析对象的生成

- 主题的导入

# SciVal分析对象的生成 – Topics & Topics Clusters

✓ 主题的导入

Hide tags

Topics and Topic Clusters

- Acute Kidney Injury; Lipocalins; Neutrophil gelatinase-associated T.290
- Algorithms; Target tracking; Object detection T.66652
- Capacitance; Nanosheets; Asymmetric supercapacitors T.6
- Droughts; Transcription factors; Freezing tolerance

Find existing Topic or Topic Cluster

Advanced search

**Biomaterials**  
Analyze Research Area in detail

2014 to 2018 | no subject area filter selected | QS

Summary | Published | Viewed | Cited | Authors | Institutions | Economic Impact | Awarded Grants

Scholarly Output

25,000  
20,000  
15,000  
10,000

82,923  
number of publications in Biomaterials

View list of publications

2016 | 2017 | 2018

Citation Count

300,000  
250,000  
200,000  
150,000  
100,000  
50,000

914,043  
number of citations received by publications in Biomaterials

直接搜索

# SciVal分析对象的生成 – Topics & Topics Clusters

✓ 主题的导入

The screenshot displays the SciVal interface for adding topics and topic clusters. At the top, there are navigation tabs: Overview, Benchmarking, Collaboration, Trends, Reporting, and My SciVal. The main window is titled 'Add Topics and Topic Clusters'. On the left, there is a sidebar with a 'Hide tags' button and a list of topics and clusters. The main area shows a search bar 'Type to filter' and a 'Filter by tags' dropdown. Below this, there are tabs for 'Topic Clusters' and 'Topics'. A list of topic clusters is displayed, including 'Abdominal Aortic Aneurysm; Aneurysm; Dissection TC.287', 'Access Control; Public Policy; Models TC.918', 'Accident Prevention; Accidents; Safety Engineering TC.638', 'Acetaminophen; Liver; Drug-Induced Liver Injury TC.1220', and 'Acoustic Surface Wave Devices; Resonators; Acoustic Waves TC.992'. A red box highlights the main list with the text '浏览预设Topics & Topics Clusters'.

# SciVal 中分析对象的生成

- 研究领域的生成

## SciVal分析对象的生成 - Research Areas

✓ 研究领域的生成

Hide tags

Research Areas

- Biomaterials
- Building and Construction
- Hopkins medical school & hospital Immu and Micro
- Johns Hopkins Bloomberg School of Public Health
- My Research Area - 16 May 2019
- 地大Hydogeology - 30 May 2019
- 心力衰竭 (与糖尿病无关)

**+ Add Research Areas**

Remove all entities from this section

### Biomaterials

Analyze Research Area in detail

2014 to 2018 | no subject area filter selected | QS

Summary | Published | Viewed | Cited | Authors | Institutions | Economic Impact | Awarded Grants

#### Scholarly Output

Year	Number of Publications
2014	15,000
2015	15,000
2016	15,000
2017	17,000
2018	19,000

82,923  
number of publications in Biomaterials

[View list of publications](#)

点击“增加研究领域”

# SciVal分析对象的生成 - Research Areas

✓ 研究领域的生成 - 直接搜索添加

The screenshot displays the SciVal interface for the 'Biomaterials' research area. On the left sidebar, the 'Research Areas' section is active, with 'Biomaterials' selected. A search box labeled 'Find existing Research Area' is highlighted with a red box. A callout bubble points to this search box with the text: 直接输入想要添加的研究领域 (Directly input the research area you want to add). Below the search box are options for 'Advanced search' and 'Define a new Research Area'. A search results popup is also highlighted with an orange box, showing 'Cardiology and Cardiovascular Medicine' as a result for the search term 'cardi'. The main panel shows the 'Biomaterials' analysis page with a 'Scholarly Output' bar chart for the years 2017 and 2018. To the right of the chart, the number of publications is 82,923, and the number of citations is 914,043. A 'View list of publications' link is also visible.



# SciVal分析对象的生成 - Research Areas

✓ 自定义研究领域

The screenshot shows the SciVal interface for the 'Biomaterials' research area. On the left, a sidebar lists various research areas, with 'Define a new Research Area' highlighted in a red box. A red callout box points to this button with the text '点击“定义新的研究领域”'. The main panel displays a bar chart for 'Scholarly Output' (82,923 publications) and 'Citation Count' (914,043 citations) from 2014 to 2018.

Year	Number of Publications
2014	~15,000
2015	~15,000
2016	~15,000
2017	~17,000
2018	~19,000

Year	Number of Citations
2014	~200,000
2015	~180,000
2016	~150,000
2017	~120,000
2018	~80,000

## SciVal分析对象的生成 - Research Areas

### ✓ 自定义研究领域

基于与输入单词或词组匹配的出版物来定义一个新的研究领域

#### Define a new Research Area

[View quick guide](#) ✕

1. Create definition

2. Refine definition

3. Review definition

Use search terms

Use entities

Use Topics

Define a new Research Area based on publications that match...

all of these words:

"heart failure"

any of these words:

none of these words:

diabetes

Want to create a query yourself?

[Use advanced search](#)



- Use double quotes to have multiple words treated as being one term. E.g. "Solar flare"
- You do not have to separate several terms by comma's. A blank (space) will do.

[Learn more about how your search query is processed](#)

最对可创建包含10万篇文献的研究领域

Search >

## SciVal分析对象的生成 - Research Areas

✓ 自定义研究领域

### Define a new Research Area

[View quick guide](#) ✕

1. Create definition

2. Refine definition

3. Save definition

如文献超过10万篇，可以通过学科来将研究领域限定在某一或几个学科领域内

Refine your definition by applying one or more filters

Definition of your Research Area: ("heart failure" OR "diabetes")

**Subject areas** > Total matching publications (2013-present) **51,720**

Currently applied filters: No filters applied yet

Name	Publications
<input type="checkbox"/> Medicine	43,980
<input type="checkbox"/> Biochemistry, Genetics and Molecular Biology	8,524
<input type="checkbox"/> Pharmacology, Toxicology and Pharmaceutics	2,898
<input type="checkbox"/> Nursing	2,016
<input type="checkbox"/> Engineering	1,556
<input type="checkbox"/> Agricultural and Biological Sciences	1,069
<input type="checkbox"/> Computer Science	745
<input type="checkbox"/> Immunology and Microbiology	736
<input type="checkbox"/> Chemical Engineering	707
<input type="checkbox"/> Health Professions	652
<input type="checkbox"/> Materials Science	636
<input type="checkbox"/> Neuroscience	607
<input type="checkbox"/> Veterinary	453
<input type="checkbox"/> Chemistry	444

Limit to > Exclude >  Limit to publications in the past 5 years

[Previous step](#)

[Next step](#)

最对可创建包含10万篇文献的研究领域

## SciVal分析对象的生成 - Research Areas

✓ 自定义研究领域

### Define a new Research Area

[View quick guide](#) ✕

1. Create definition

2. Refine definition

3. Save definition

命名并保存

Save your Research Area as  
心力衰竭（与糖尿病无关）

12 of 300

Add tags (optional)

This Research Area will be updated approximately every two weeks with new publications matching the definition.

[View Research Area Summary](#) ▼

[< Previous step](#)

[Save and finish >](#)

[Save and define another Research Area >](#)

# SciVal分析对象的生成 - Research Areas

✓ 自定义研究领域

## Define a new Research Area

[View quick guide](#) ✕

- 1. Create definition
- 2. Refine definition
- 3. Save definition

基于一个或几个机构的科研活动来定义一个新的研究领域

Use search terms **Use entities** Use Topics

Select one or more entities to represent your new Research Area

Institutions ▼ All tags ▼

Copy selected to my new Research Area

Type to filter  
**hopkins** ✕

- > Johns Hopkins Applied Physics Laboratory
- ▼ Johns Hopkins University
  - ⊗ The Johns Hopkins School of Medicine
  - ⊗ Johns Hopkins Hospital
  - ⊗ All Children's Hospital St. Petersburg
  - ⊗ Johns Hopkins Medical Institutions
  - ⊗ Johns Hopkins University
  - ⊗ Johns Hopkins Bloomberg School of Public Health
  - ⊗ Johns Hopkins Medicine
  - ⊗ Johns Hopkins University School of Nursing
  - ⊗ Howard County General Hospital
  - ⊗ The Wilmer Eye Institute at Johns Hopkins

Remove selected from my new Research Area

Drag and drop at least one entity from the list on the left to define your Research Area

Next step >

最对可创建包含10万篇文献的研究领域

## SciVal分析对象的生成 - Research Areas

✓ 自定义研究领域

### Define a new Research Area

[View quick guide](#) ✕

1. Create definition

2. Refine definition

3. Save definition

Use search terms

Use entities

Use Topics

Select one or more entities to represent your new Research Area

Institutions ▼ All tags ▼

Copy selected to my new Research Area

Type to filter  
hopkins ✕

- > Johns Hopkins Applied Physics Laboratory
- ▼ Johns Hopkins University
  - The Johns Hopkins School of Medicine
  - Johns Hopkins Hospital
  - All Children's Hospital St. Petersburg
  - Johns Hopkins Medical Institutions
  - Johns Hopkins University
  - Johns Hopkins Bloomberg School of Public Health
  - Johns Hopkins Medicine
  - Johns Hopkins University School of Nursing
  - Howard County General Hospital
  - The Wilmer Eye Institute at Johns Hopkins

Remove selected from my new Research Area

Definition of your Research Area:

- The Johns Hopkins School of Medicine
- Johns Hopkins Hospital

拖拽

Next step >

最对可创建包含10万篇文献的研究领域

## SciVal分析对象的生成 - Research Areas

### ✓ 自定义研究领域

#### Define a new Research Area

[View quick guide](#) ✕

1. Create definition

2. Refine definition

3. Save definition

通过组合不同的主题来定义一个新的研究领域

Use search terms

Use entities

**Use Topics**

#### Define a Research Area based on Topics

no subject area filter selected ▼ Sort by Scholarly Output ▼

Copy selected to my new Research Area Type to filter

- Industry; Petrochemicals; motor gasoline  
T.6003 - 13,936 publications - 54.134 percentile
- Solar cells; Heterojunctions; organic photovoltaics  
T.0 - 12,311 publications - 99.993 percentile
- Perovskite; Solar cells; methylammonium lead  
T.20 - 10,298 publications - 100.000 percentile
- Electrolytic capacitors; Capacitance; asymmetric supercapacitors  
T.6 - 8,580 publications - 99.992 percentile
- Molybdenum compounds; Monolayers; dichalcogenides TMDs  
T.63 - 8,501 publications - 99.999 percentile
- RNA, Long Untranslated; Neoplasms; cancer tissues  
T.115 - 8,096 publications - 99.986 percentile
- Multi agent systems; Topology; containment control  
T.9 - 7,717 publications - 99.839 percentile

Remove selected from my new Research Area

Drag and drop at least one entity from the list on the left to define your Research Area

Next step >

最多可创建包含10万篇文献的研究领域

# SciVal分析对象的生成 - Research Areas

## ✓ 自定义研究领域

### Define a new Research Area

[View quick guide](#) ✕

1. Create definition

2. Refine definition

3. Save definition

Use search terms

Use entities

Use Topics

### Define a Research Area based on Topics

no subject area filter selected  Sort by Scholarly Output

Copy selected to my new Research Area

Remove selected from my new Research Area

Definition of your Research Area:

- Perovskite; Solar cells; methylammonium lead  
T.20 - 10,298 publications - 100.000 percentile
- Solar cells; Heterojunctions; organic photovoltaics  
T.0 - 12,311 publications - 99.993 percentile

99 publications (1996-present)

Next step >

搜索“Solar cells”，通过组合与太阳能电池有关的主题来定义一个与太阳能电池有关新的研究领域

拖拽

最多可创建包含10万篇文献的研究领域

# SciVal 中分析对象的生成

- 来源出版物的生成

# SciVal分析对象的生成 – Scopus Sources

✓ 来源出版物的生成

The screenshot shows the SciVal interface for the 'Nature' source. The left sidebar contains a 'Scopus Sources' section with a 'Nature' source selected. The main content area displays the following metrics:

Scopus Source metrics		
15.21 CiteScore 2018	16.345 SJR 2018	9.199 SNIP 2018

Overall research performance		
13,756 Scholarly Output	60,256 Authors	2.96 Field-Weighted Citation Impact
308,650 Citation Count	22.4 Citations per Publication	

A red box highlights the '+ Add Scopus Sources' button in the left sidebar, with a callout box pointing to it containing the text '点击“增加出版物”'.

点击“增加出版物”

## SciVal分析对象的生成 – Scopus Sources

✓ 来源出版物的生成 - 直接搜索添加

The screenshot displays the SciVal interface for the 'Nature' source. The left sidebar shows a list of sources under 'Scopus Sources', with 'Nature' selected. A search bar in the sidebar contains the text 'Find existing Scopus Source science'. A red box highlights this search bar, and another red box contains the Chinese text '直接输入名称' (Directly input name) with an arrow pointing to the search bar. The main content area shows the 'Nature' source details, including the year range '2016 to >2019', the subject area filter 'no subject area filter selected', and the ASJC code 'ASJC'. The 'Scopus Source metrics' section displays the following data:

Metric	Value
CiteScore 2018	15.21
SJR 2018	16.345
SNIP 2018	9.199
Field-Weighted Citation Impact	2.96
Authors	60,256

## SciVal分析对象的生成 – Scopus Sources

✓ 来源出版物的生成 – 通过浏览添加

The screenshot displays the SciVal interface for adding Scopus sources. The main window is titled "Add Scopus Sources" and contains a search bar and a list of sources. The left sidebar shows the "Scopus Sources" section with a search bar labeled "Advanced search" highlighted by a red box. The main list shows several conference proceedings, with the "15th BHR Group Multiphase Production Technology International Conference (Cannes, France, 6/15-17/2011) Proceedings" highlighted in blue. The "Add" button for this entry is also highlighted by a red box, and a callout bubble with the text "点击添加" (Click to add) points to it.

Name	Tags
<input type="checkbox"/> 10th International Symposium on Integrated Circuits, Devices and Systems, ISIC-2004: Integrated Systems on Silicon - Proceedings	
<input type="checkbox"/> 13th IEEE Workshop on Local and Metropolitan Area Networks (LANMAN 2004)	
<input type="checkbox"/> 14th International Conference and Exhibition on Liquefied Natural Gas	
<input checked="" type="checkbox"/> 15th BHR Group Multiphase Production Technology International Conference (Cannes, France, 6/15-17/2011) Proceedings	
<input type="checkbox"/> 15th International Conference on Microwaves, Radar and Wireless Communications, MIKON - 2004	
<input type="checkbox"/> 17th Japan Formation Evaluation Symposium (Makuhari, Chiba, 9/29-30/2011) Proceedings	
<input type="checkbox"/> 18th SPE Middle East Oil and Gas Show and Conference [MEOS] (Manama, Bahrain, 3/10-13/2013) Proceedings	



# 各模块概览

## 文献计量学指标解释

### 高被引文献量 (**Outputs in Top Percentiles**)

SciVal中的高被引文献量 (Outputs in Top Percentiles) 是指分析对象文献在各高被引区间内的数量, 高被引区间分别为: 前1%、5%、10%或25%。

在每个出版年份, 在Scopus中被引频次前1%、5%、10%和5%区间的最低被引频次阈值被计算出来。被引频次只要达到或超过该阈值, 文章就会被记入高被引区间内。因此会出现符合条件的文章数量超过按照百分比计算出来的高被引区间文章精确数量的情况。

### 高百分位期刊中的发文量 (**Publications in Top Journal Percentiles**)

SciVal中的高百分位期刊中的发文量 (Publications in Top Journal Percentiles) 是指分析对象发表在高被引期刊中文献的数量, 其中高被引期刊依照前1%、5%、10%或25%的区间划分。

在每个出版年份, 在Scopus中期刊评价指标处于前1%、5%、10%和5%区间的最低阈值被计算出来。期刊评价指标只要达到或超过对应阈值, 来源文献所刊载的文章就会被计算其中。

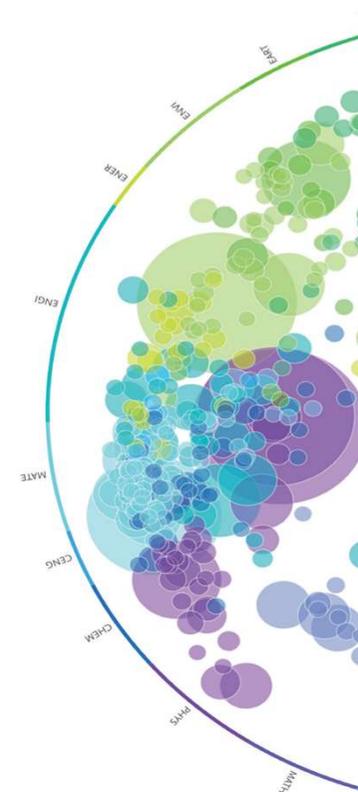
## 文献计量学指标解释

学科归一化引用因子 (Field-Weighted Citation Impact, FWCI) :

- 是基于Scopus数据源开发的标准化后的科研论文影响力指标。科研评价中测量论文的影响力或者质量的基本指标是论文的被引次数。然而，不同学科的论文被引用次数的整体情况存在显著差异，需要标准化处理后才能进行跨学科比较。同理，发表年份不同、类型不同的论文的被引用次数也不能直接比较。
- FWCI是标准化后的论文影响力，用于衡量论文质量而不是数量。计算的是对象论文最近三年的被引用次数和相似学科、相似年份、相似类型论文平均被引次数的比值，即分析对象文献的被引频次与全球平均值的比值。这种方法是目前国际公认的定量评价科研质量的最优方法。
- 全球的FWCI为1。等于1为与全球的科研质量持平，大于1位高于全球平均水平，小于1为低于全球平均水平。

## Topic指标

- 整合了Scopus1996年以后的所有内容，通过文献间直接引用的关系，生成了近9.6万个研究主题（Topics）
- 利用文献近期的引用次数、浏览次数和收录期刊的CiteScore值计算出**新型指标显著度**（Prominence），来展示研究主题的**热度/可见度**，并进行排序。
- Topic Cluster是对已有的Topic再次进行聚合生成的中间层级



# Topic指标

## 显著度 (Prominence) 的计算方法

### 计算方法

$$P_j = 0.495(C_j - \text{mean}(C_j)) / \text{stdev}(C_j) + 0.391(V_j - \text{mean}(V_j)) / \text{stdev}(V_j) + 0.114(CS_j - \text{mean}(CS_j)) / \text{stdev}(CS_j)$$

这里,  $C_j$  是主题  $j$  中在第  $n$  年和  $n-1$  年发表论文的引用量,  $V_j$  是主题  $j$  中在第  $n$  年和  $n-1$  年发表论文的 Scopus 浏览量,  $CS_j$  是主题  $j$  中在第  $n$  年发表论文的平均 CiteScore, 其中原始数据经过了对数转换, 即:

$$C_j = \ln(C_j + 1), V_j = \ln(V_j + 1), CS_j = \ln(CS_j + 1)$$

### 研究主题显著度示例

序号	主题编号	论文数量	被引频次	浏览数量	CiteScore	显著性指数(%)
1	T20	3,872	33,690	84,002	7.35	100
2	T63	3,808	12,739	30,524	5.96	99.999
3	T456	2,904	13,321	22,516	5.28	99.999
4	T6	4,065	10,557	33,524	4.59	99.997
5	T0	4,564	10,837	22,836	6.02	99.996

三个参数指标 (最近两年的即时指标, 代表当前的研究热度)

1、当年、前一年年所发表的文献在当年被引用的次数;

2、当年、前一年所发表的文献在当年在Scopus中被浏览的次数;

3、当年、前一年所发表的文献的期刊的 Citescore值

# Overview 模块

# Overview 模块

掌握整体科研情况 (机构和机构组)

时间和学科分类可根据需要进行选择

可分析对象

选择不同的学科分类体系

注意：模块下的分析对象如果为灰色，则无法在模块中进行分析

# Overview 模块

掌握整体科研情况（机构和机构组）

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ?

Harvard University ☆  
 3rd (QS) · 7th (THE) · 1st (ARWU) United States More details on this Institution

2016 to >2019 no subject area filter selected ASJC

Summary Topics & Topic Clusters Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

Overall research performance

135,555 ▲ Scholarly Output	72,977 ▲ Authors	2.26 Field-Weighted Citation Impact
1,540,868 Citation Count	11.4 Citations per Publication	341 h5-index

Report from template Data sources

+ Add Summary to Reporting Export

+ Add to Reporting

Overview模块中可查看的指标, Summary为各指标的简要总结

# Overview 模块

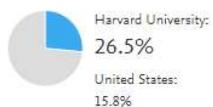
掌握整体科研情况（机构和机构组） 一部分指标展示：Summary

## Performance indicators

### Outputs in Top Citation Percentiles

+ Add to Reporting

Publications in top 10% most cited worldwide



> Analyze in more detail

### International Collaboration

+ Add to Reporting

Publications co-authored with Institutions in other countries/regions



> Analyze in more detail

SciVal模块之间交互性强，蓝色字体都可以点击查看

- 高被引文献占比
- 在顶级期刊中发表文献的占比
- 国际合作
- 校企合作

### Publications in Top Journal Percentiles

+ Add to Reporting

Publications in top 10% journals by CiteScore Percentile



> Analyze in more detail

### Academic-Corporate Collaborative

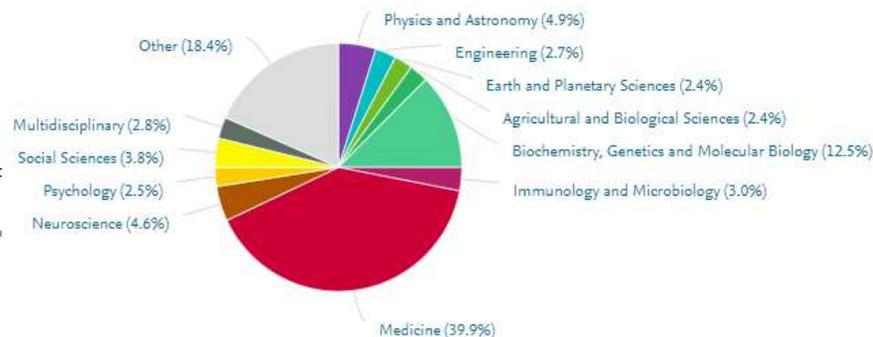
+ Add to Reporting

Publications with both academic and corporate



> Analyze in more detail

## 发表文献的学科分类



## 排名前5的Topics & Topic Clusters (按发表文献数排列)

Topic	At this Institution			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Neoplasms; Checkpoint inhibitor ...	511	4.84% ▼	6.91	99.995
Planet; Planets; Planet candidates ...	331	15.31% ▼	2.02	99.781
Brain; Magnetic Resonance Imaging; Network DMN ...	301	5.85% ▼	1.92	99.951
Collisions; Jets; Proton-proton collisions ...	295	14.16% ▲	4.29	99.939
Analgesics; Opioid; Prescriptions; Long-term opioid ...	292	6.21% ▲	3.71	99.878

# Overview 模块

掌握整体科研情况（机构和机构组） – 部分指标展示：Topics & Topic Clusters

## 参与的Topics列表

### Topics & Topic Clusters

Between 2014 to 2018, researchers at Shanghai Jiao Tong University have contributed to:

- 1,375 Topic Clusters | [Learn about Topics and Topic Clusters](#)
- 17,645 Topics
- only show the 4,044 [Key Topics for this Institution](#)

Table Wheel

All Topics

- Top 1% of worldwide Topics by Prominence
- Top 5% of worldwide Topics by Prominence
- Top 10% of worldwide Topics by Prominence
- Top 25% of worldwide Topics by Prominence
- Newly emerged Topics for 2019 worldwide
- All Topics

导出前500

可在进行搜索

+ Add to Reporting Export

Filter by keyphrase(s)

Topic	At this Institution		Worldwide	
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Collisions; Jets; Proton-proton collisions T.1026	282	14.21% ▲	3.97	99.959
RNA, Long Untranslated; Neoplasms; Proliferation migration T.115	278	3.55% ▼	3.24	99.984
Convolution; Neural networks; Convolutional network T.4338	138	1.54% ▲	2.98	99.989
Multi agent systems; Control; Containment control T.9	138	2.75% ▲	1.61	99.894
Infrared devices; Photodynamic therapy; Therapy PTT T.3466	136	4.49% ▼	3.30	99.979
Perovskite; Solar cells; Methylammonium lead T.20				100.000

可按照发文量及显著度排序，默认按照发文量排序

# Overview 模块

掌握整体科研情况（机构和机构组） – 部分指标展示： Topics & Topic Clusters

## 参与的Topics列表

Harvard University ☆

3rd (QS) · 7th (THE) · 1st (ARWU) · United States · More details on this Institution

2016 to >2019 | no subject area filter selected | ASJC

Summary | **Topics & Topic Clusters** | Collaboration | Published | Viewed | Cited | Authors | Economic Impact | Societal Impact | Awarded Grants

### Topics & Topic Clusters

Between 2016 to >2019, researchers at Harvard University have contributed to:

- 1,409 Topic Clusters | Learn about Topics and Topic Clusters >
- 27,753 Topics**

only show the 11,504 Key Topics for this Institution

Table | Wheel

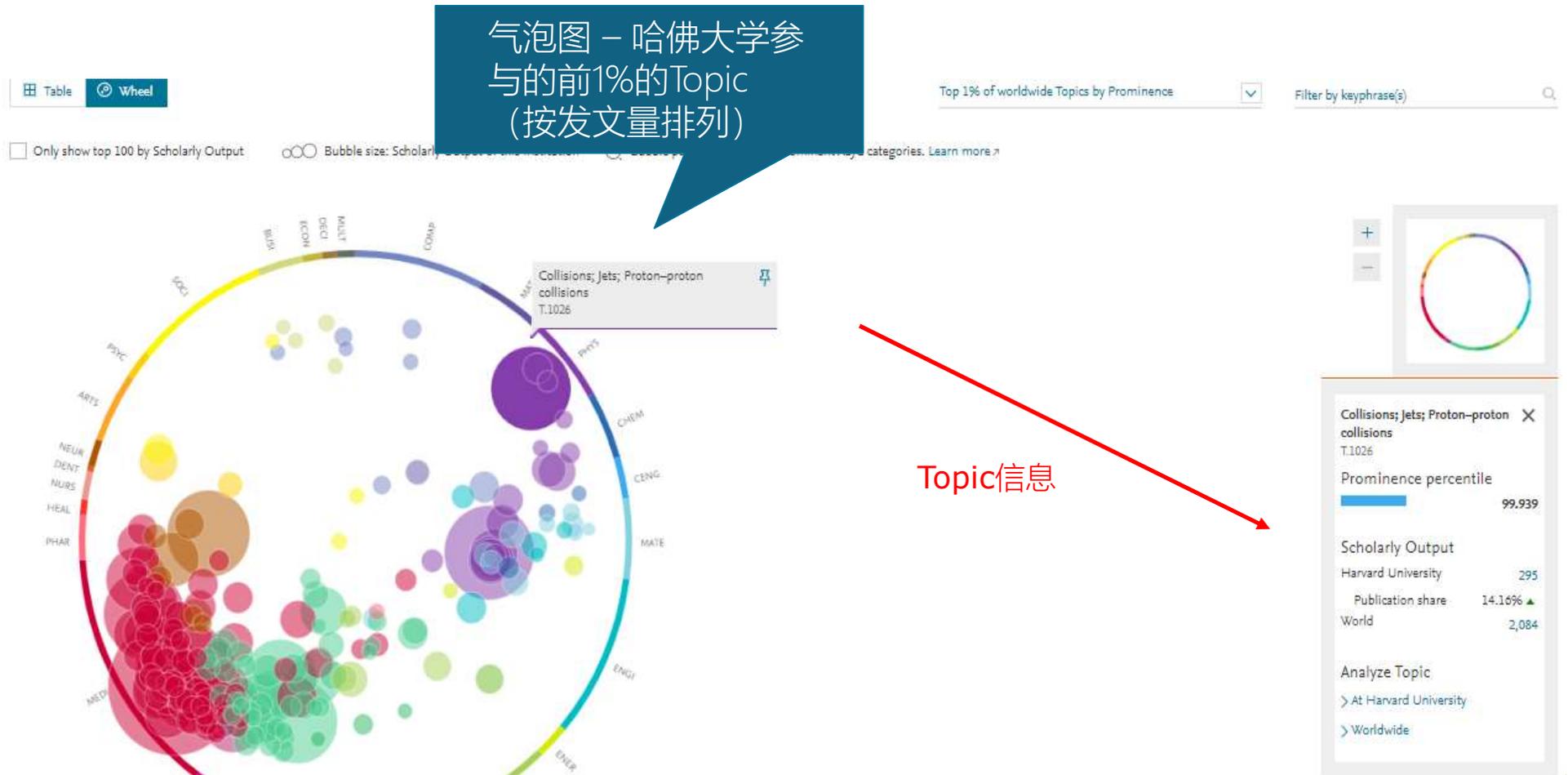
All Topics | Filter by keyphrase(s)

Topic	At this Institution			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Immunotherapy; Neoplasms; Checkpoint inhibitor T.403	511	4.84%	6.91	99.995

滑动开启查看机构有主要贡献的Topics

# Overview 模块

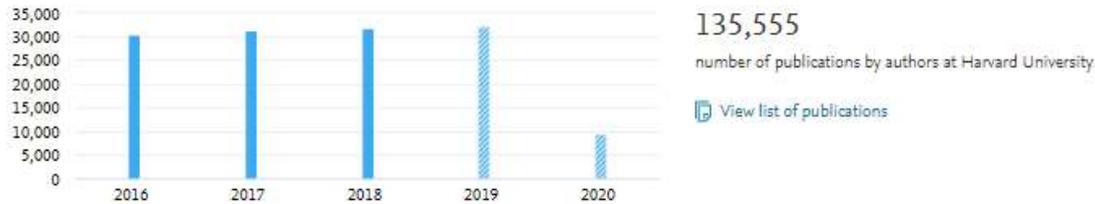
掌握整体科研情况（机构和机构组） – 部分指标展示： Topics & Topic Clusters



# Overview 模块

掌握整体科研情况（机构和机构组） – 部分指标展示：Published

## Scholarly Output



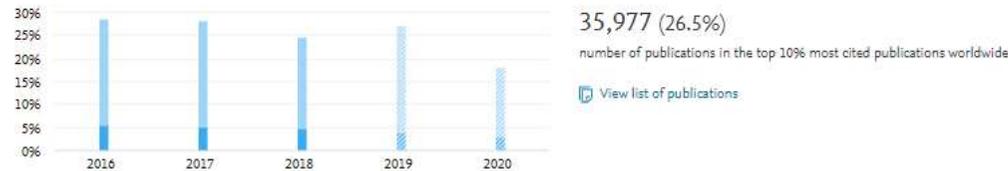
科研产出

Incomplete year

## Outputs in Top Citation Percentiles

Share of publications at Harvard University that are among the most cited publications worldwide

Show as field-weighted



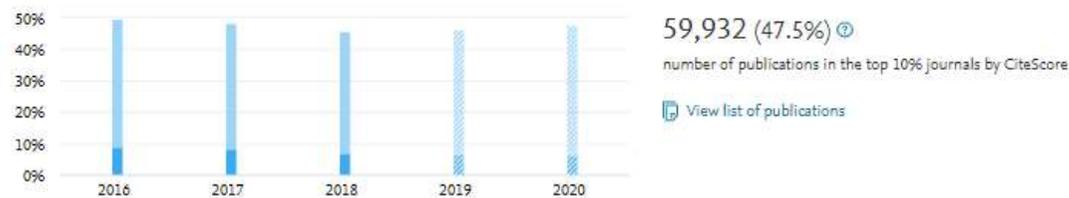
高被引文献情况

% of publications in top 10% most cited  
% of publications in top 1% most cited

Incomplete year

## Publications in Top Journal Percentiles

Share of publications at Harvard University that are in the top journals by CiteScore Percentile



在高质量期刊中的发文情况

% of publications in top 10% journals  
% of publications in top 1% journals

Incomplete year

## Most cited publications

Top 5 publications at Shanghai Jiao Tong University, by number of citations

被引次数排名前5的文献列表

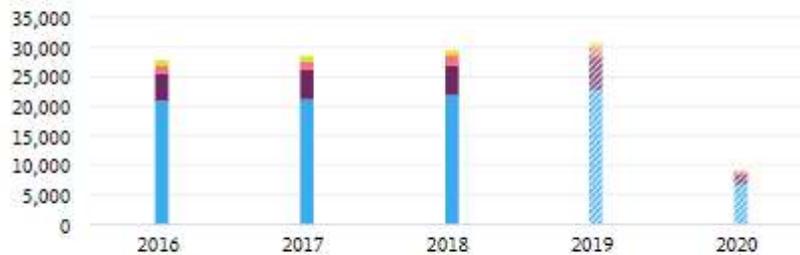
# Overview 模块

掌握整体科研情况（机构和机构组） – 部分指标展示：Published

Overall by Subject Area by Scopus Source by Journal quartile

## Publications by Journal quartile

Share of publications per Journal quartile by CiteScore Percentile



在各百分位排名期刊中的发文情况，如排名前1%期刊中的发文情况

Quartiles	Publications	Publication share (%)
Q1 (top 25%)	94,123	74.7
Q2 (26% - 50%)	22,082	17.5
Q3 (51% - 75%)	6,767	5.4
Q4 (76% - 100%)	3,100	2.5

Cumulative shares	Publications	Publication share (%)
Q1 to Q2 (top 50%)	116,205	92.2
Q1 to Q3 (top 75%)	122,972	97.5

⚡ Incomplete year

各学科领域的发文情况及发文质量

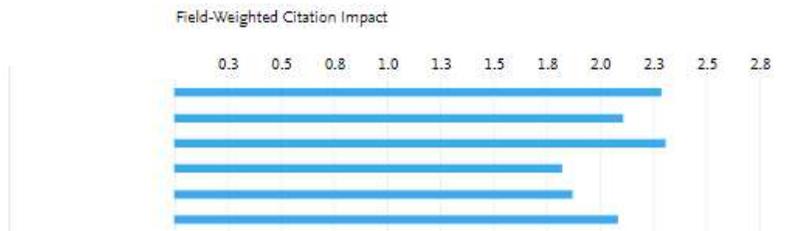
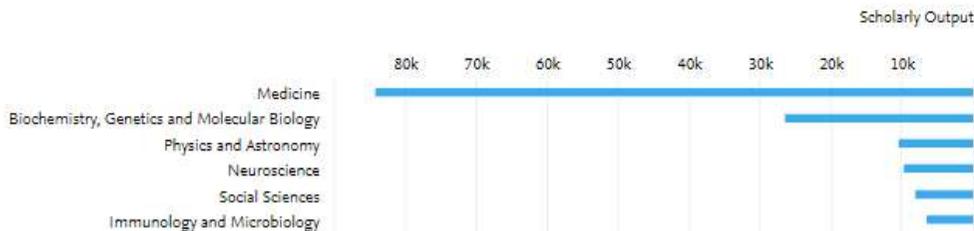
Overall by Subject Area by Scopus Source

## Publications by Subject Area

+ Add to Reporting Exp

Table Visualization Bar Chart

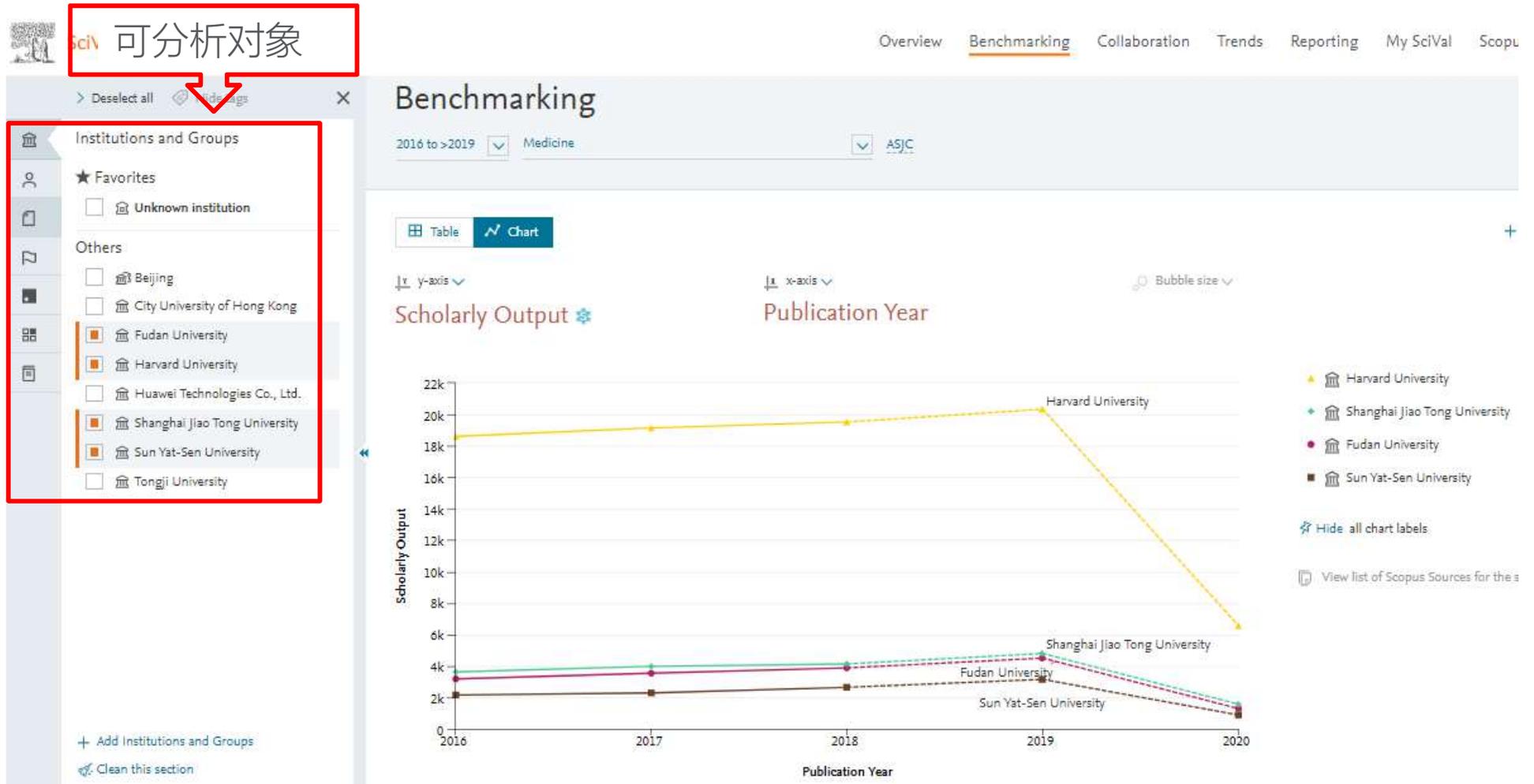
View: Scholarly Output Field-Weighted Citation Impact



# Benchmarking 模块

# Benchmarking 模块

通过对比，对强项和弱项进行分析



# Benchmarking 模块

通过对比，对强项和弱项进行分析

**Benchmarking**

2016 to >2019 Medicine ASJC

2014 to 2018 no subject area filter selected

1996 2014 2018 >2019

时间的选择 (滑动)  
更为灵活

ASJC

no subject area filter selected

no filter selected

- > Agricultural and Biological Sciences
- > Arts and Humanities
- > Biochemistry, Genetics and Molecular Biology
- > Business, Management and Accounting
- > Chemical Engineering
- ▼ Chemistry
  - Analytical Chemistry
  - Chemistry (miscellaneous)
  - Electrochemistry
  - General Chemistry
  - Inorganic Chemistry

**Select Subject Classification**

This will be used to categorize Scopus Sources (and the publications in those Scopus Sources) into scientific disciplines.

[Change subject classifications in Settings](#)

- ASJC – All Science Journal Classification**  
Used in Scopus. This is the default scheme in SciVal.  
[View more details](#)
- FOS – Field of Science and Technology (FOS) Classification**  
Used in the *Frascati Manual* of the Organisation for Economic Co-operation and Development (OECD).  
[View more details](#)

# Benchmarking 模块

通过对比，对强项和弱项进行分析

Chart Table

+ Add to Reporting Export

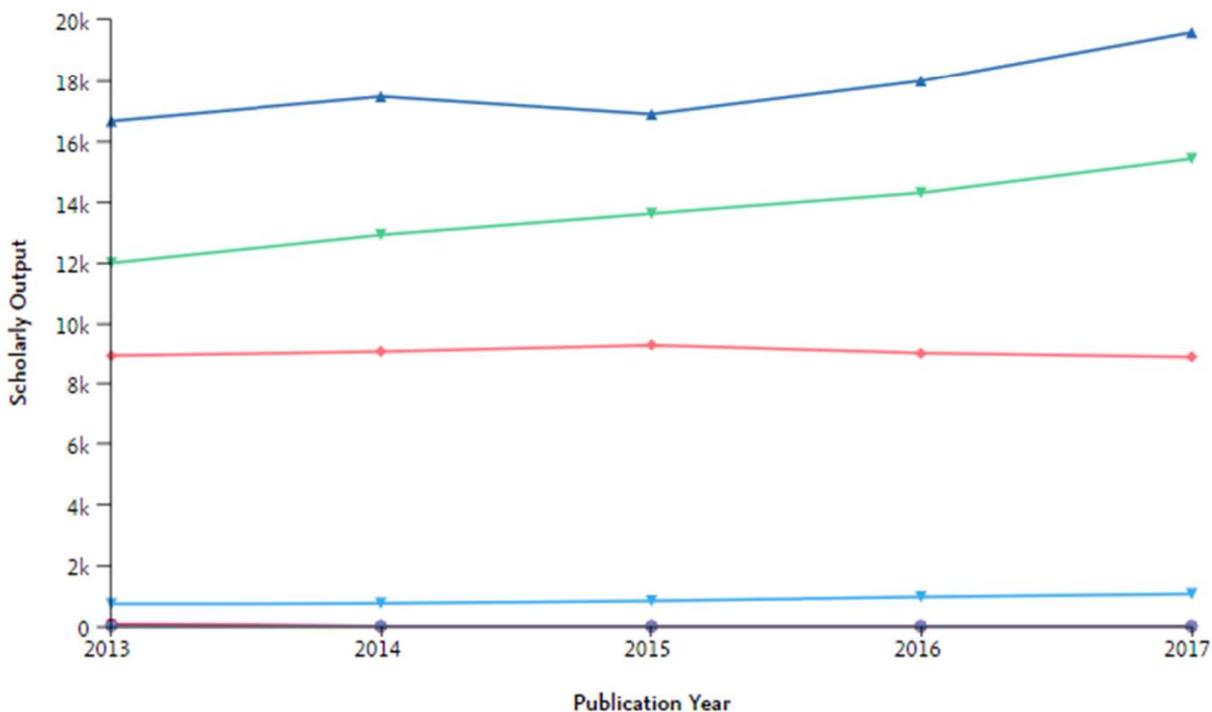
y-axis

x-axis

Bubble size

Scholarly Output

Publication Year



Institutions and Groups

◆ Massachusetts Institute of Technology

▼ Shanghai Jiao Tong University

Researchers and Groups

● Chen, J.

Publication Sets

● diabetes201909

Countries and Groups

▲ Hong Kong

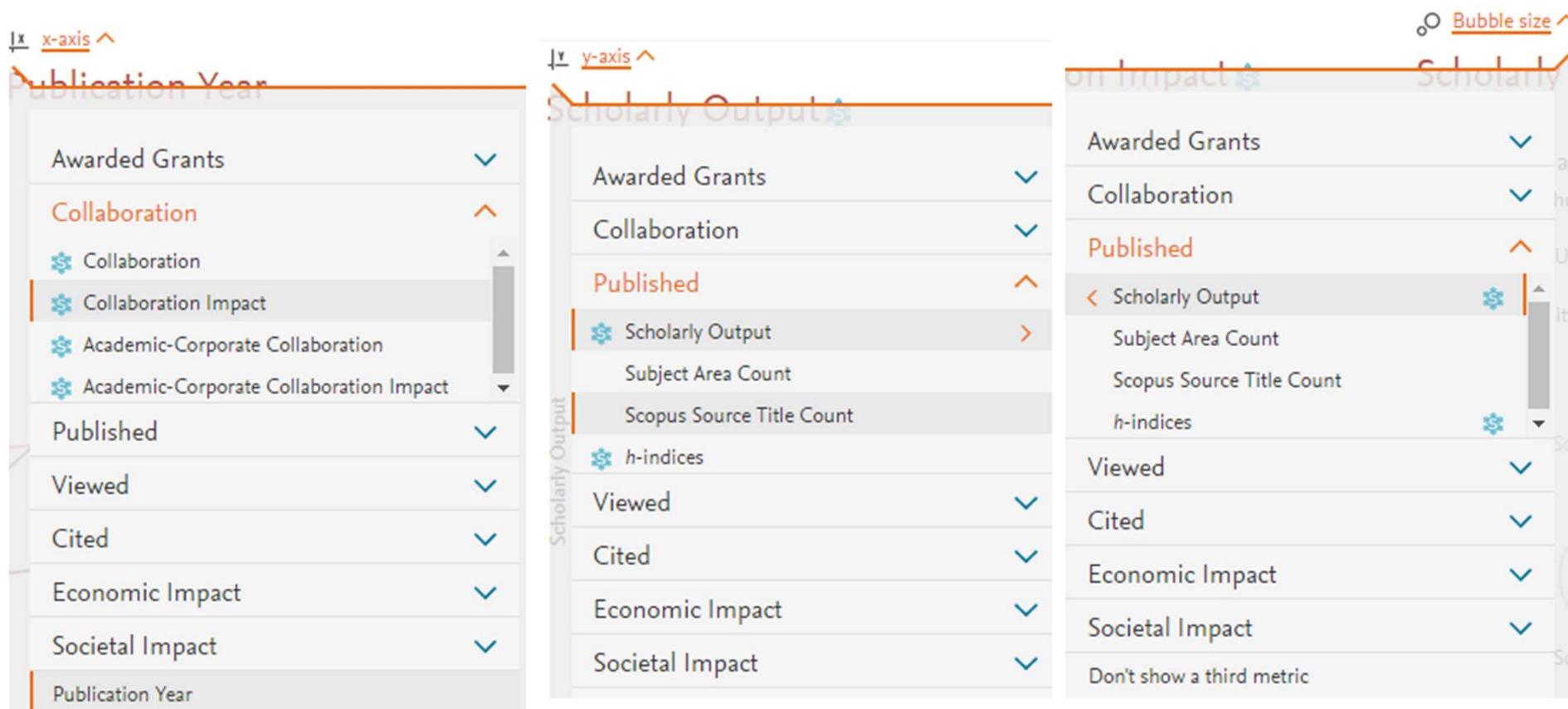
Topics and Research Areas

▼ Aortic Valve; Aortic Valve Stenosis; severe symptomatic T.32

可以同时选择所有分析对象进行分析

# Benchmarking 模块

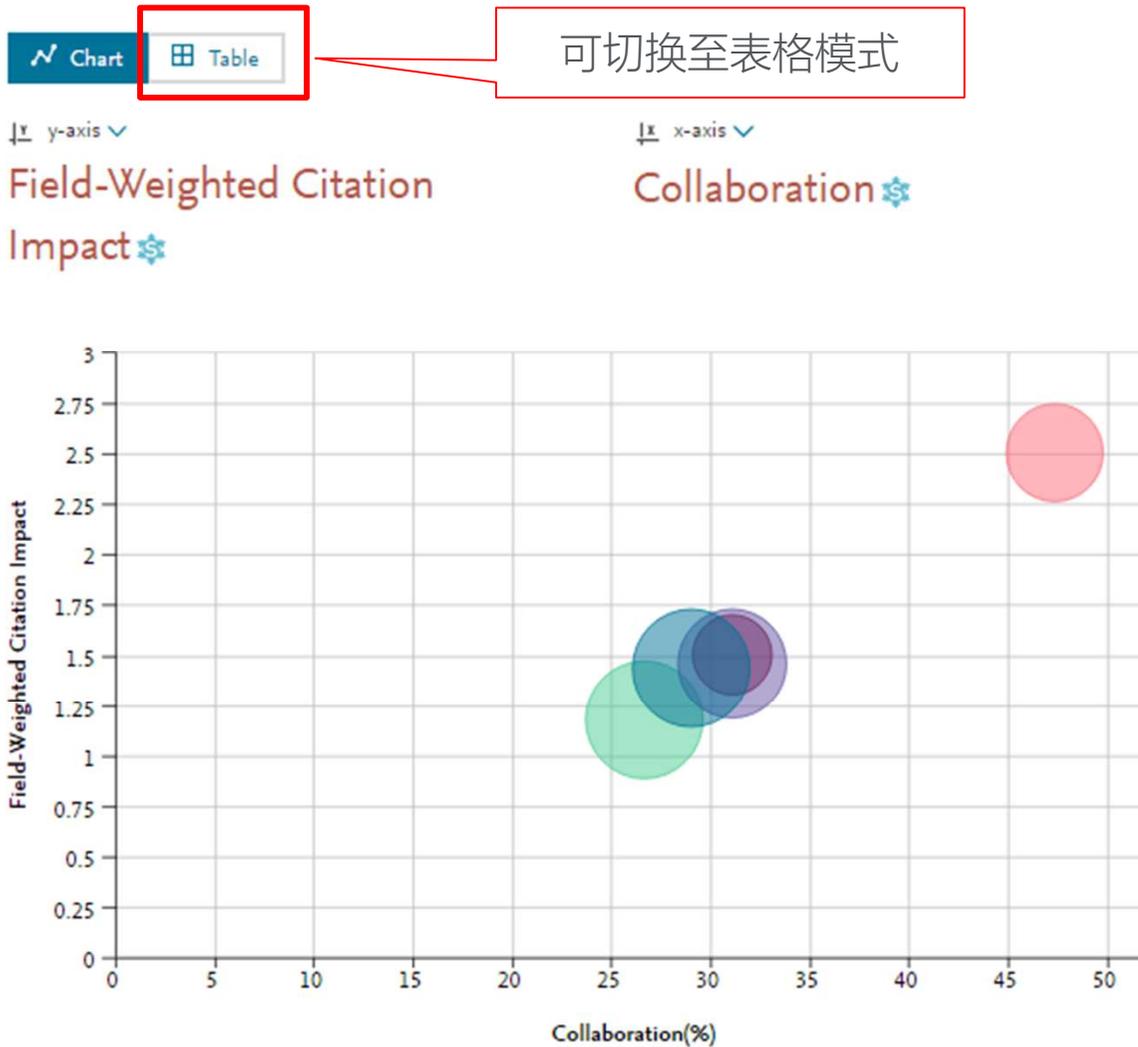
通过对比，对强项和弱项进行分析



丰富的参数可供选择

# Benchmarking 模块

通过对比，对强项和弱项进行分析



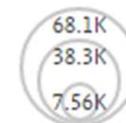
自动推荐第三变量，变灰时第三变量不可选



## Institutions and Groups

- Massachusetts Institute of Technology
- Peking University
- Shanghai Jiao Tong University
- Tsinghua University
- University of Science and Technology of China

View list of Scopus Sources for the selected Researchers and Groups



Scholarly Output



# Benchmarking 模块

通过对比，对强项和弱项进行分析

**Benchmarking**

2014 to 2018  no subject area filter selected  ASJC [Data sources](#)

Table  Chart  [+ Add to Reporting](#) **Export**

Metric 1  **Field-Weighted Citation Impact**

Metric 2  **Collaboration**

Metric 3  **Scholarly Output**  [+ Add metrics](#)

Entity

Entity	Field-Weighted Citation Impact	Collaboration	Scholarly Output
Massachusetts Institute of Technology	2.43	48.6	46,067
Shanghai Jiao Tong University	1.22	27.8	73,249
University of Oxford	2.35	58.0	69,331

可下载

可添加其他参数

# Collaboration 模块

# Collaboration 模块

了解已合作机构及合作情况，发掘潜在的合作伙伴

可分析对象

The screenshot displays the 'Collaboration by Shanghai Jiao Tong University' interface. On the left, a sidebar menu is visible with icons for 'Institutions and Groups', 'Favorites', and 'Others'. The 'Institutions and Groups' icon is highlighted with a red box. Below it, 'Tongji University' is listed under 'Favorites', and 'BYD Company Ltd.' and 'Shanghai Jiao Tong University' are listed under 'Others'. The 'Shanghai Jiao Tong University' entry is selected. A red box highlights the 'Institutions and Groups' icon and the 'Others' section. A red arrow points from the '可分析对象' text to the 'Institutions and Groups' icon. The main content area shows the title 'Collaboration by Shanghai Jiao Tong University' with a 'China' flag and a link for 'More details on this Institution'. Below this, there are filters for '2016 to 2018', 'no subject area filter selected', and 'ASJC Data sources'. There are tabs for 'Current collaboration' and 'Potential collaboration'. A section titled 'Institutions collaborating with Shanghai Jiao Tong University' is shown, with a red box highlighting the filter options: 'Worldwide', 'All countries/regions', 'All sectors', and 'All authors'. Below the filters, it shows '4,162 collaborating institutions' and '27,646 co-authored publications'. At the bottom, there are 'Table' and 'Map' view options. A red box highlights the filter options and the publication count. A red arrow points from the '27,646 co-authored publications' text to a callout box.

可按照地域、合著作者数、行业进行筛选，查看已合作机构的情况

# Collaboration 模块

了解已合作机构及合作情况

查看与合作机构的合作情况：发文量，合著者、发文质量等指标。

可以选择CSV或XLS格式将数据导出

Co-authored publications    Field-Weighted Citation Impact

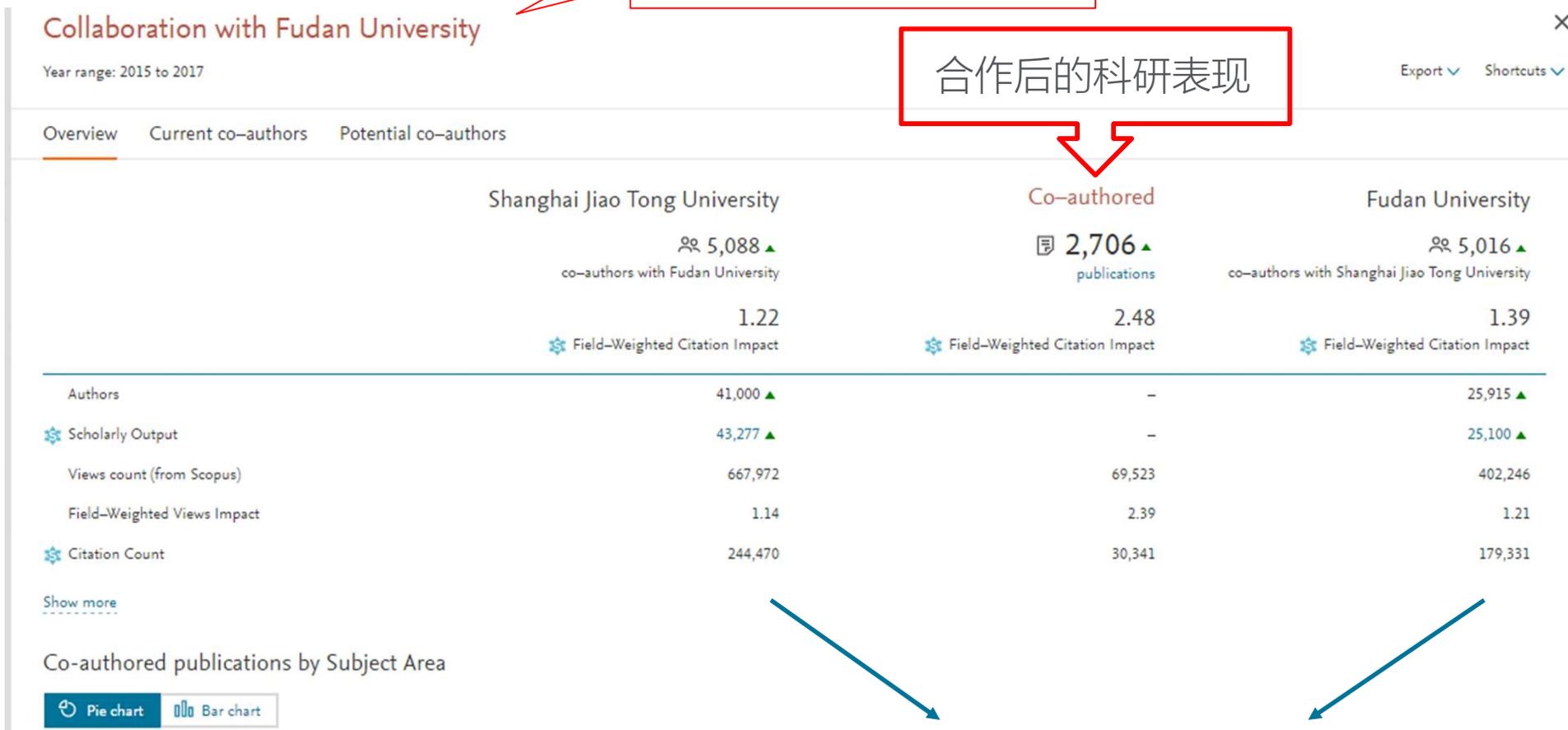
点击任意合作机构，查看合作有效性

# Collaboration 模块

了解已合作机构及合作情况

有效的合作：与复旦大学合作进行的科研的质量高于各自的科研质量。

合作后的科研表现



各自的科研表现

# Collaboration 模块

发掘潜在的合作伙伴

## Collaboration by Shanghai Jiao Tong University

China [More details on this Institution](#)

2016 to >2019  Medicine  ASJC

[Data sources](#)

Current collaboration **Potential collaboration**

可通过地域、行业、作者进行筛选

### Institutions not yet collaborating with Shanghai Jiao Tong University

Worldwide  All countries/regions  All sectors  All authors

10,872 not yet collaborating institutions

**Table**

[+ Add to Reporting](#) [Export](#)  [Shortcuts](#)  [Find institution](#)

Top 100 Institutions not yet collaborating with Shanghai Jiao Tong University, by Scholarly Output

Institution	Scholarly Output <input type="button" value="v"/>	Authors	Field-Weighted Citation Impact <input type="button" value="v"/>	Field-Weighted Views Impact <input type="button" value="v"/>
University of Leeds	5,498 <input type="button" value="up"/>	3,308 <input type="button" value="up"/>	2.17	1.44
Hospital for Special Surgery - New York	3,407 <input type="button" value="up"/>	1,711 <input type="button" value="up"/>	1.55	0.97

查看未合作机构的科研情况：发文量，作者、发文质量等指标。

利用发文质量指标 (FWCI) 或其他指标排序，筛选合作机构

# Collaboration 模块

发掘潜在的合作伙伴

## Collaboration with the Helmholtz Centre for Environmental Research

Year range: 2014 to 2018

Export ▼ Shortcuts

Overview Current co-authors Potential co-authors

[+ Add to Reporting](#)

Shanghai Jiao Tong University

Co-authored Helmholtz Centre for Environmental Research

0

1.22

Field-Weighted Citation Impact

0

—

Field-Weighted Citation Impact

0

2.01

Field-Weighted Citation Impact

	Shanghai Jiao Tong University	Co-authored	Helmholtz Centre for Environmental Research
Authors	57,464 ▲	—	1,575 ▲
Scholarly Output	73,249 ▲	—	4,098 ▲
Views count (from Scopus)	1,312,010	—	174,546
Field-Weighted Views Impact	1.17	—	2.01
Citation Count	648,277	—	61,423

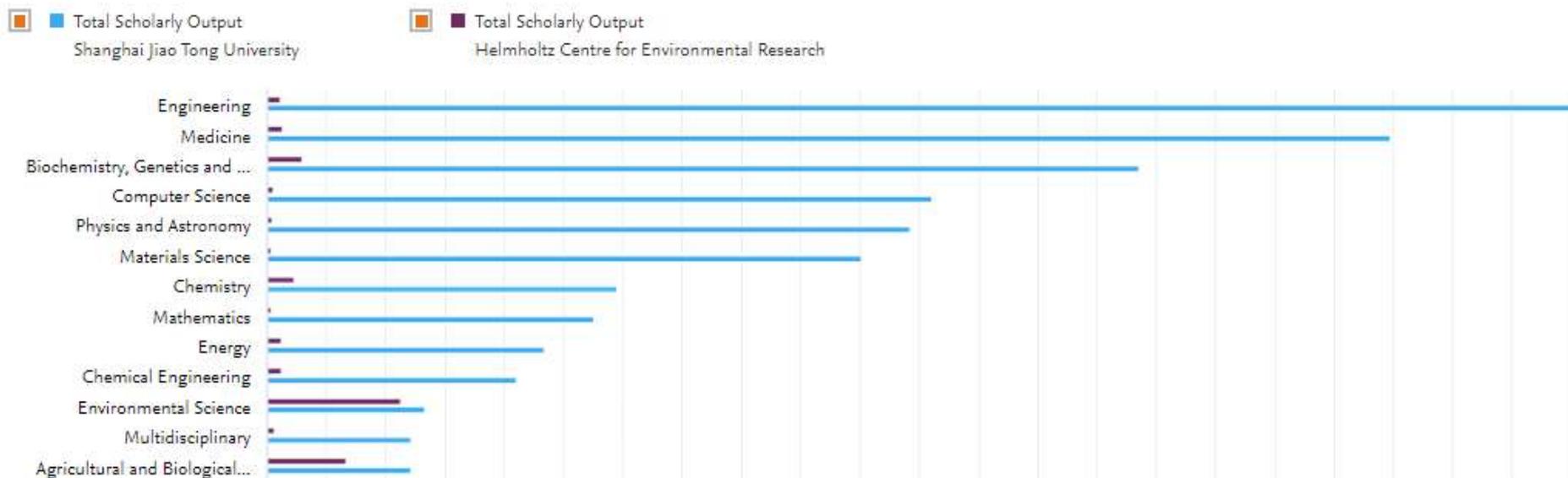
查看各自的科研表现

# Collaboration 模块

发掘潜在的合作伙伴

## Publications by Subject Area

Pie chart
  Bar chart



查看潜在合作机构的学科结构与本机构是否匹配

# Trends 模块

# Trends 模块

聚焦微观层面的研究 - 研究领域、研究主题或文献集

The screenshot shows the 'Trends' module interface for the topic 'Viruses; Infection; Zika virus'. The interface includes a navigation menu at the top with options: Overview, Benchmarking, Collaboration, Trends (selected), and Reporting. The main content area displays the topic name and a Chinese translation '病毒; 感染; 寨卡病毒'. Below this, there are tabs for 'Summary', 'Institutions', 'Countries & Regions', 'Authors', 'Scopus Sources', 'Keyphrases', and 'Related Topics'. The 'Summary' tab is active, showing 'Overall research performance' with six key metrics: Scholarly Output (5,128), Field-Weighted Citation Impact (3.26), International Collaboration (1,569), Views Count (96,906), Citation Count (90,577), and Topic Prominence percentile (99.974). Each metric includes a small line chart and a 'View list of publications' link.

可分析对象

病毒; 感染; 寨卡病毒

Trends模块中可查看的指标, Summary为各指标的简要总结



# Trends 模块

Topic: 病毒; 感染; 寨卡病毒

了解研究主题或趋势 (研究主题Topics) – 部分指标展示: Summary

## Institutions

Top 5 by Scholarly Output

Fundacao Oswaldo Cruz	219
Centers for Disease Control and Prevention	194
Universidade de Sao Paulo	126
Institut National de la Santé et de la Recherche Médicale	114
Harvard University	111



> Analyze in more detail

## Countries & regions

Top 5 by Scholarly Output

United States	1,607
Brazil	691
China	359
France	267
United Kingdom	265



> Analyze in more detail

## Authors

Top 5 by Scholarly Output

Wiwanitkit, Viroj	163
Joob, Beuy	65
Musso, Didier	63
Weaver, Scott C.	47
Rodríguez-Morales, A. J.	45

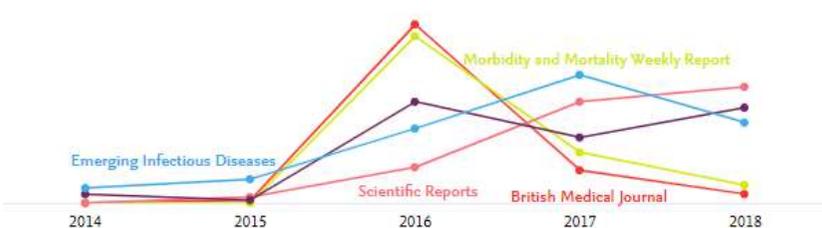


> Analyze in more detail

## Scopus Sources

Top 5 by Scholarly Output

Emerging Infectious Diseases	108
PLoS Neglected Tropical Diseases	92
Scientific Reports	87
Morbidity and Mortality Weekly Report	79
British Medical Journal	75



> Analyze in more detail

# Trends 模块

Topic: 病毒; 感染; 寨卡病毒

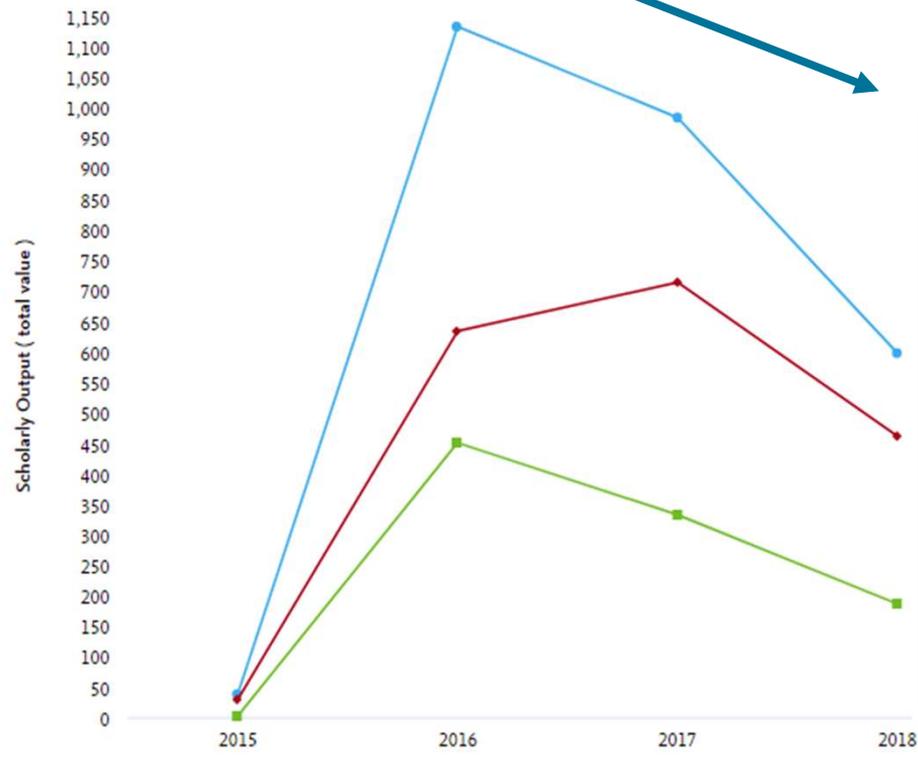
了解研究主题或趋势 (研究主题Topics) – 部分指标展示: Keyphrases

## Keyphrases

Top 50 keyphrases by relevance, based on 3,585 publications | [Learn about keyphrase calculations](#)

Chart Top contributors

View: Scholarly Output by year



按关键词查看发文量及其它指标

declining A A A growing (2015-2017)

- Viruses
- Infection
- Microcephaly
- Disease Outbreaks

- Scholarly Output by year
- Awarded Grants
  - Collaboration
  - Published
  - Scholarly Output**
  - Viewed
  - Cited

by year

Scholarly Output

The number of publications of a selected entity.

Show as:

- Total value  
The total value for the selected year.
- Percentage growth or decline  
The change in value relative to the previous year.

Choose metric >

# Trends 模块

Topic: 病毒; 感染; 寨卡病毒

了解研究主题或趋势 (研究主题Topics) – 部分指标展示: Keyphrases

## Keyphrases

Top 50 keyphrases by relevance, based on 3,585 publications | [Learn about keyphrase calculations](#)

declining **A A A** growing (2015-2017)

- Flavivirus
- Viruses
- Infection
- Microcephaly
- Disease Outbreaks
- Culicidae
- Brazil
- Aedes
- Guillain-Barre Syndrome
- Epidemics
- Dengue
- Pregnancy
- Dengue Virus
- Virus Diseases
- Vaccines

[Chart](#) [★ Top contributors](#)

Top contributors to the Topic for the selected keyphrases:

Institutions	Top 5 by Scholarly Output	Countries	Top 5 by Scholarly Output
Fundacao Oswaldo Cruz	30	United States	269
University of Texas Medical Branch at Galveston	30	Brazil	81
Centers for Disease Control and Prevention	25	China	55
Chinese Academy of Sciences	20	France	33
National Institutes of Health	18	United Kingdom	27

Authors	Top 5 by Scholarly Output	Scopus Sources	Top 5 by Scholarly Output
Diamond, Michael S.	12	Journal of Infectious Diseases	17
Weaver, Scott C.	11	PLoS Neglected Tropical Diseases	14
Harris, Eva	10	Antiviral Research	12
Fischer, Marc X.	9	Emerging Microbes and Infections	12

按关键词查看该Topic下的高产机构、国家、作者以及收录期刊

# Trends 模块

了解研究主题或趋势（研究主题Topics） – 部分指标展示：Related Topics

## Related Topics

Top 50 related Topics, by keyphrase match

了解与该Topic相关的其它Topics的研究进展。有利于拓宽对所选研究主题的理解，提供一种寻找关键机构和研究人员进行合作和学习机会的新方法。

Export ▾

Add to panel

Topics	Relatedness ↓	Scholarly Output	Prominence percentile
<input type="checkbox"/> Chikungunya virus; Alphavirus Infections; chikungunya fever T.3385	93%	 1,053	99.118 
<input type="checkbox"/> Dengue; Dengue Virus; tetravalent dengue T.14	89%	 1,577	99.571 
<input type="checkbox"/> Viruses; Brazil; virus MAYV T.28557	89%	 131	89.252 
<input type="checkbox"/> Hemorrhagic Fever, Ebola; Ebolavirus; ebola virus T.182	88%	 2,865	99.927 
<input type="checkbox"/> Dengue; Dengue Virus; dengue fever T.66405	87%	 44	67.820 

Topic: 病毒; 感染; 寨卡病毒



ELSEVIER

# 小结

## 利用SciVal支持

### 学科建设和规划

- ✓ 从一级学科分析、二级学科分析下沉到“科研领域竞争性优势分析”
- ✓ 从单篇文献或多篇文献聚焦到“科研领域竞争性优势分析”
- ✓ 为科学规划学科发展提供数据支撑

## 利用SciVal支持

### 人才规划和队伍建设

- ✓ 在科研领域层面“竞争性横向比较”精准的衡量本机构科研人员和潜在新星以及科研团队的机构优势
- ✓ 根据学科规划更加精准的找到潜在地科技领军人才和潜在新星
- ✓ 为优化科研团队建设提供数据支撑

## 利用SciVal支持

### 国际/国内合作

- ✓ 在科研领域层面“竞争性横向比较”精准的找到竞争对手、合作伙伴
- ✓ 为优化科研合作建设提供数据支撑

# 利用SciVal支持

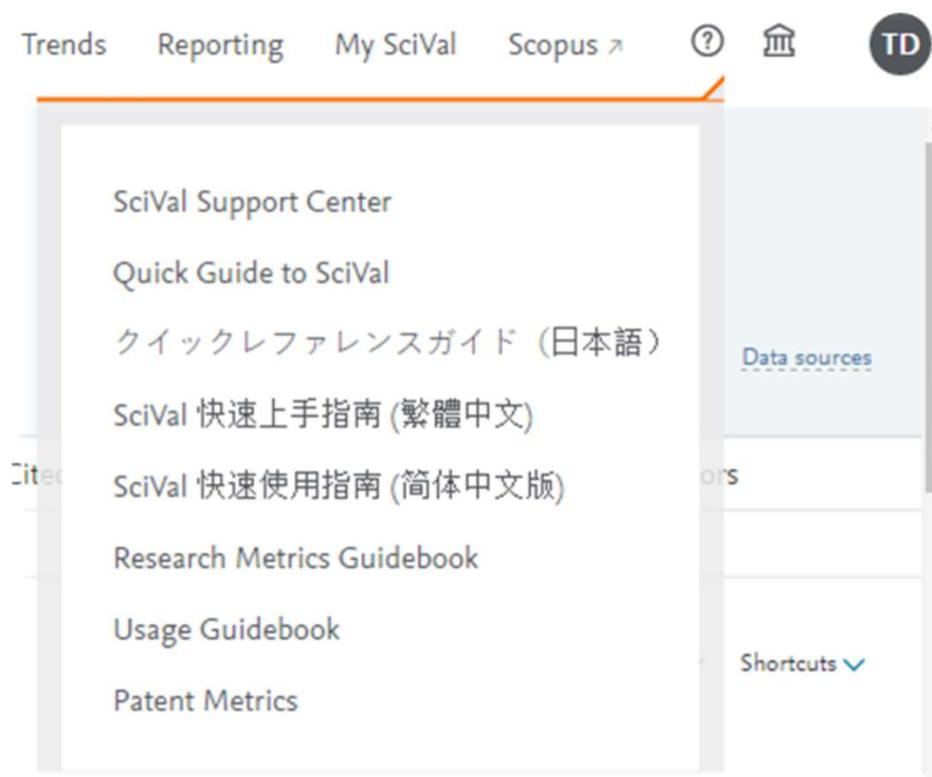
## 科研战略

- ✓ 为科研提供学科发展前沿信息支持
- ✓ 为合理布局科研战略、资源分配提供参考

## 需要帮助?

SciVal支持中心 (SciVal Support Center)

<https://service.elsevier.com/app/home/supporthub/scival/>



如果SciVal支持中心无法解决您的问题，请通过支持中心里的email把你的问题直接告诉我们。我们会有专门的技术人员为您解答。

For further assistance:



Email

# Research Intelligence

谢谢!

杜婷婷 科研管理解决方案咨询顾问

[t.du@elsevier.com](mailto:t.du@elsevier.com)

[www.elsevier.com/research-intelligence](http://www.elsevier.com/research-intelligence)

