

欢迎使用SciVal 科研分析工具

账号注册与登录

SciVal
www.scival.com



说明

- Scival使用--在学校IP范围内，注册账号并登录后方可使用。
- SciVal的账号—与Science direct，Scopus通用。
- 如果没有上述账号，请参照下面的内容注册。



1.在学校IP范围内打开Scival (www.scival.com), 点击 sign in



Scopus ↗

Sign in

Welcome to SciVal

SciVal offers quick, easy access to research performance of more than 15,800 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

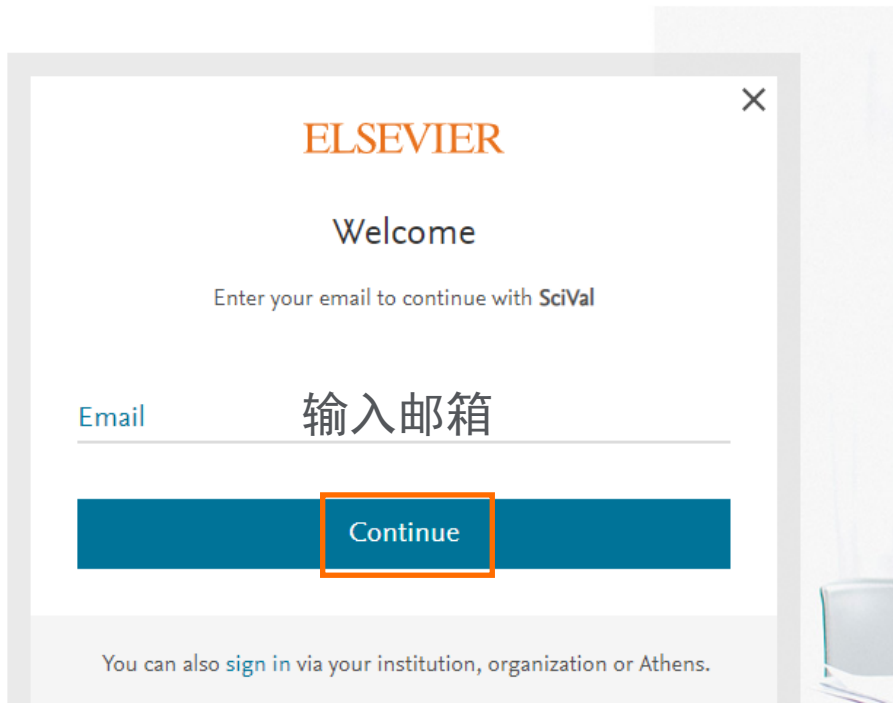
Discover relevant cross-disciplinary areas of research.



08.10.2023

2. 输入邮箱（建议选择机构邮箱），点击continue

SciVal



ELSEVIER

Welcome

Enter your email to continue with SciVal

Email 输入邮箱

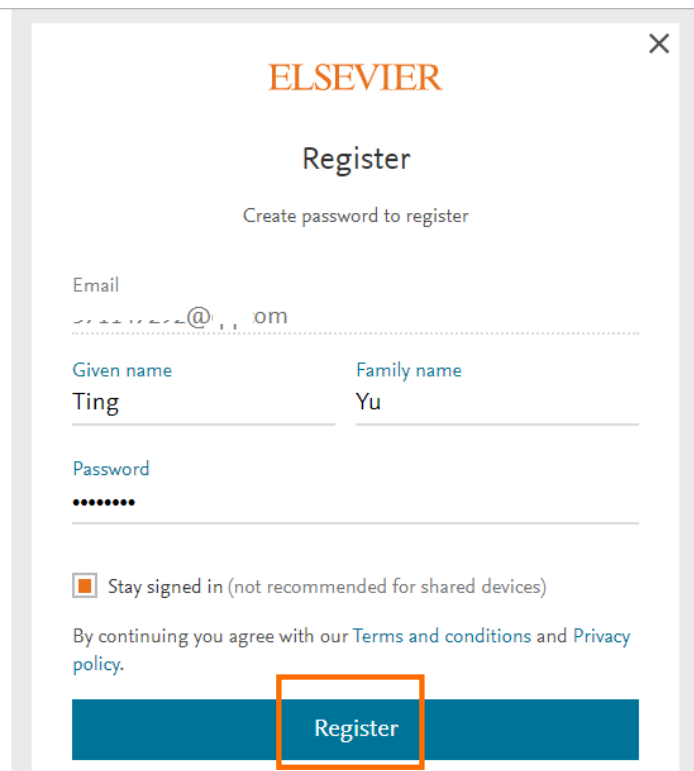
Continue

You can also [sign in](#) via your institution, organization or Athens.



08.10.2023

3. 在新页面输入名、姓（需要英文输入），并设置密码，点击register

A screenshot of the Elsevier registration form. The form is titled "ELSEVIER Register" and includes a sub-header "Create password to register". It features input fields for "Email", "Given name" (containing "Ting"), and "Family name" (containing "Yu"). A "Password" field is shown with masked characters. Below the fields is a checkbox for "Stay signed in (not recommended for shared devices)". A disclaimer states "By continuing you agree with our Terms and conditions and Privacy policy." At the bottom, a blue "Register" button is highlighted with an orange border.

ELSEVIER

Register

Create password to register

Email

.....@.....om

Given name Family name

Ting Yu

Password

.....

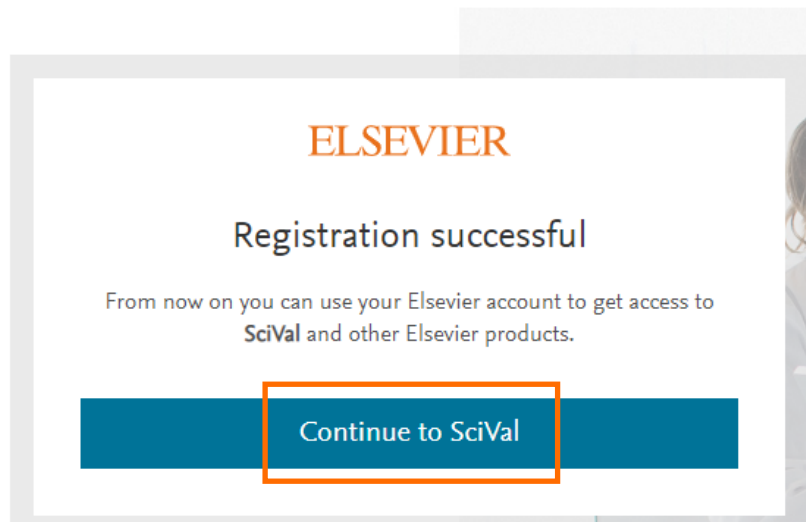
Stay signed in (not recommended for shared devices)

By continuing you agree with our [Terms and conditions](#) and [Privacy policy](#).

Register

4.注册成功。进入SciVal页面

SciVal



再次登录

- 再次使用时，校内访问直接输入账号（注册邮箱）和密码即可登录；
- 无需进行机构认证。
- 如果是非校内IP访问，需要利用多种不同远程访问方式的认证，具体请参照如下Scopus远程访问指南（方法相同）



SciVal

A screenshot of the Elsevier Sign in page. The page has a white background with a dark blue border. At the top, the word 'ELSEVIER' is written in orange. Below it, the text 'Sign in' is centered. Underneath, it says 'Enter your password to sign in to SciVal'. There are two input fields: 'Email' with the value 't.yu@elsevier.com' and 'Password' with a masked password '.....'. To the right of the password field is an eye icon. Below the password field is a link 'Forgot password?'. There is a checkbox labeled 'Stay signed in (not recommended for shared devices)'. At the bottom, there are two buttons: a dark blue 'Sign in' button and a white 'Sign in with a different account' button.

帮助（一）爱思唯尔-思唯学院-SciVal 资源中心



思唯学院 科研

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人才服务

学科建设

SciVal

“数”析全球学科、热点、人才，把握科研先机

产品介绍



- SciVal产品介绍
- 爱思唯尔科研情报整体解决方案简介

使用指南



- SciVal使用指南

远程访问



- SciVal远程访问地址
- 校外和校内访问SciVal数据库的方法

在线讲座

系列讲座



- 讲座回放 | 通过SciVal建立全球科研视野
- 讲座回放 | 使用SciVal从机构的科研表现开始
- 讲座回放 | 通过SciVal查看学者的研究表现及...
- 讲座回放 | 通过SciVal Topic聚焦交叉研究主题
- 讲座回放 | 基于SciVal的学科分析及数据导出
- 讲座回放 | 基于SciVal的研究领域定义与发现
- 讲座回放 | 国际合作现状与国际合作成效分析
- 讲座回放 | 多维度对标分析深度应用
- 讲座回放 | SciVal学者层级（一）科研团队研...
- 讲座回放 | SciVal学者层级（二）院系研究表...

应用案例



- 北京师范大学：利用SciValTopic辅助科研选题
- 南方科技大学：Scopus/SciVal 讲座分享
- 同济大学：Scopus和SciVal在学科分析报告...
- 北京师范大学：利用SciVal开展学科分析的实践

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SciVal相关的短视频，在线课程回看，网络研讨会和用例分享



<https://learning.elsevierchina.com/resource/information.html?fid=165&menuid=181&inoid=628#details710>

帮助（二）SciVal.com 在线支持中心



ELSEVIER
SciVal Support Center **1**

All Topics ▼ Search

Access

- Onboarding
- Training
- Using the product
- Content

What's new

- What's new in this release?
- Getting Started
- What can I do with SciVal?
- About SciVal and the Modules
- Data and Metrics

Reporting

My SciVal

Scopus ↗



1

SciVal Support Center ↗

2

What's new in SciVal **Scival每月更新集锦**

Quick Guide to SciVal

クイックレファレンスガイド（日本語）

SciVal 快速上手指南（繁體中文）

3

SciVal 快速使用指南（简体中文版）

4

Research Metrics Guidebook

Scival指标详解

SciVal Usage and Patent Metrics Guidebook

THE and QS Rankings Data Guidebook

Scival 每月更新集锦

What's new in this release?

Last updated on January 25, 2022

2

Yearly Release Highlights

Action release: January 2022

Zakrzewska release: November 2021

Yushchenko release: October 2021

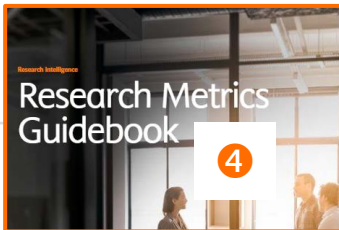
Xie release: September 2021

科研情报管理

SciVal
快速使用指南 **3**



SciVal® 为您提供快速便捷的科研情报服务。通过发布和更新全球 20 个国家、11,000 多种研究机构和研究人员，进行同行评议，跟踪合作和跨学科研究。



4

Scival指标详解



帮助（三）

➤ 访问和使用问题请咨询爱思唯尔中国客户支持团队

(工作日9:00-12:00, 13:00-18:00)

- 邮箱: support.china@elsevier.com ,
- 热线电话: 400-842-6973
- 微信在线交流入口:

https://mp.weixin.qq.com/s/L07J316c4X_lhp-c8i5GCA

关于SciVal

- **SciVal** (www.scival.com) 是基于Scopus数据库的科研分析工具。能轻松查阅全球230个国家，22,000家机构的研究表现；浏览96000个全球研究主题，助力追踪全球研究的前沿热点，凝练学科方向；科研数据及多元化指标广泛应用于THE、QS世界大学和学科排名，软科中国最好大学排名等。
 - 可为职能部门、学院/学科、图书馆等提供不同场景的解决方案，包括大学排名与国际对标分析、学科及学科方向分析、人才引进和评估、国际交流和合作等；
 - 可助力科研人员和研究生，追踪研究热点，识别全球科研动态，展示个人科研表现和同行竞争力，建立合作网络、分析期刊收录稿件方向等。

Scopus (www.scopus.com) 是爱思唯尔公司推出的，全球最大的同行评议摘要引文数据库，

- 收录了全球7,000多家出版商的26,000多种期刊（其中中国大陆高水平期刊超过**1140**本），1100多万篇学术会议论文，23万本书以及全球5大专利机构4600万条专利信息。覆盖全学科，最早可追溯到1788年。
- 通过Scopus可以直接检索全球约95000+机构学术档案，以及1700万高质量学者学术档案。
- Scopus是第5轮学科评估的第三方客观数据源之一。是全面了解科研现状及趋势，跟踪学者，学科发展的重要数据来源。

欢迎使用SciVal 科研分析工具

基本功能模块、分析对象
研究主题Topic及指标概述

SciVal
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SciVal的基本功能模块



SciVal

Overview

Benchmarking

Collaboration

Trends

Grants

Impact

Reporting

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TY

Welcome to SciVal



Overview



View the research performance of Researchers, Institutions, Countries and more.



Benchmarking



Compare and benchmark the research performance of anything in SciVal.



Collaboration



Explore the collaboration of Institutions, Countries and Researchers.



Trends



Dive deeper into an area of interest.



Grants



Analyze and compare funding in areas of interest.



Impact



Understand the broader impact of research on society.

💡 Research Areas provided by SciVal: [SDG 1: No Poverty \(2023\)](#) | [SDG 2: Zero Hunger \(2023\)](#) | [View more](#)



08.10.2023

ELSEVIER

SciVal的基本功能模块

- **Overview-概览分析**
 - 浏览分析对象的各项基本指标并可视化呈现；可查看Topic及研究方向的学科交叉分布
- **Benchmarking-对标分析**
 - 多种分析对象的比较分析；
 - 时间跨度灵活可调（1996-至今）
 - Chart模式可展示2-3个指标的图表
 - Table模式可同时呈现十几个指标的具体数据，并支持导出
- **Collaboration模块-合作分析**
 - 呈现已合作的机构（学术合作，产学合作等）学者，合作学科领域；量化指标呈现合作成效和趋势；发现潜在合作对象
- **Trends模块-趋势分析**
 - 呈现研究领域，研究主题的趋势，发现和追踪前沿
 - 呈现各领域和主题的主要贡献国家、机构、作者、来源出版物等，便于同行比较和追踪
 - 查看领域代表作和关键词词云
- **Impact 模块-研究影响力-国际政策引用**
 - 查看科研的国际政策引用情况。了解科研的学术引用之外的社会影响力

SciVal的基本结构

功能模块



SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus ↗



Harvard University ☆

Report from templ

United States | [More details on this Institution](#)

2018 to 2023



All subject areas



ASJC

Data sources ✨

分析对象面板

分析功能

Summary Topics Rankings Collaboration Published Viewed Cited Authors Patent Impact Media Impact Awarded Grants

+ Add Summary to Reporting Export

+ Add to Report

Overall research performance

207,840 ▲

Scholarly Output ⓘ

65.1% All Open Access

[View list of publications](#)

93,949 ▲

Authors

2.16

Field-Weighted Citation Impact ⓘ

[Yearly breakdown](#)

4,119,453

Citation Count ⓘ

19.8

Citations per Publication ⓘ

466

h5-index ⓘ

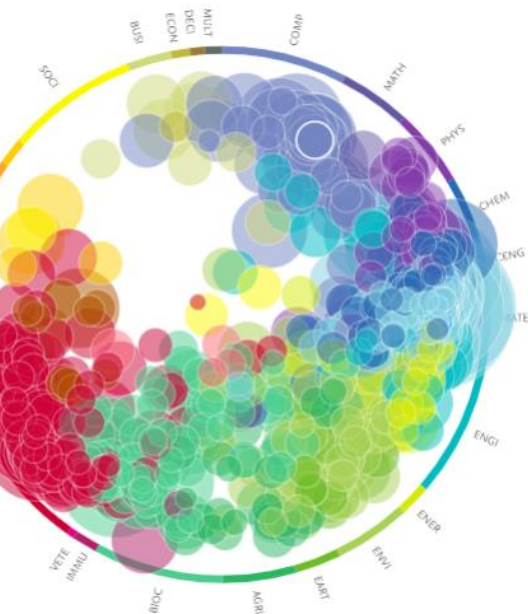
SciVal的基本结构

分析对象面板

	机构：大学，研究所，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
	Scopus来源出版物（期刊、会议论文、书）

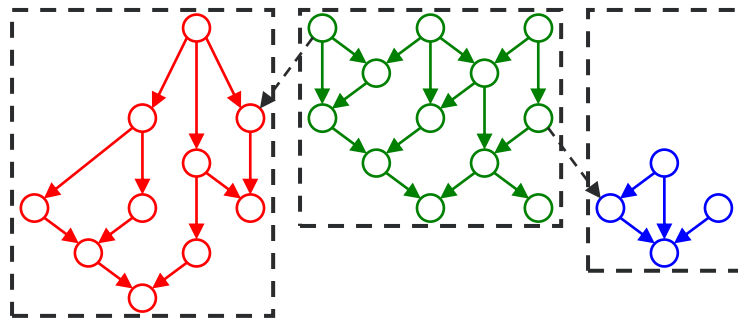
关于研究主题 Topic

关于研究主题 Topic



基于Scopus数据库文献的**直接引用**关系聚类成的**文献簇**，对全领域划分为**9.6万个研究主题 (Topic)**/**1500个研究主题簇 (Topic cluster)**

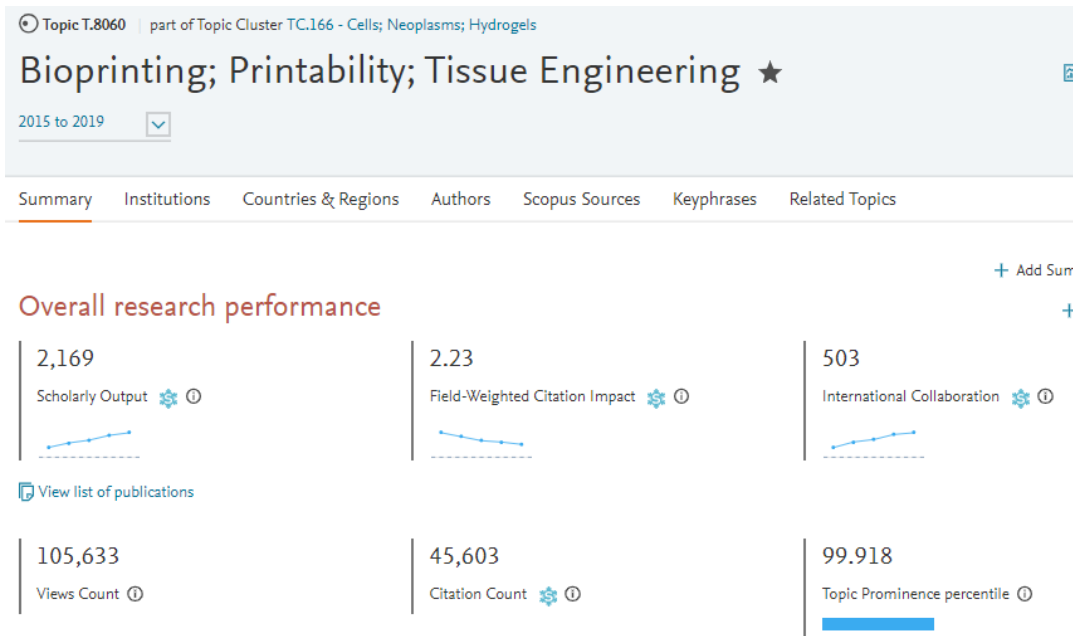
- 问题导向—每个Topic对应微观层面的特定研究问题
- 学科交叉-从文献（而非学科）出发，突破了学科的界限；Topic可以体现出学科交叉与融合的趋势



- 每个圆圈代表一篇文献，箭头为直接引用关系（文献/参考文献/施引文献）
- 一种颜色代表一个topic（即有密切引用关系的文献集）
- Topic名称由该topic的所有文献的标题+摘要+关键词挖掘出来的关键词（组）生成

主题显示度指标

Topic prominence 发现全球研究热点及发展潜力



- Prominence由Topic对应文献近年的引用次数，浏览次数和期刊水平citescore三种指标计算得到；
- Prominence值排序后按照百分位，即Prominence percentile定义Topic的全球关注度，越接近100，说明全球关注度/活跃度越高；例如显示度百分位为99.5%的研究主题可以理解为全球前1%高关注度/热门研究主题。
- Prominence百分位的逐年变化，可追踪Topic的发展前景



08.10.2023

Scopus ASJC 学科分类：四大领域和27个一级学科

Life Sciences

1100 **Agricultural and Biological Sciences**

1300 **Biochemistry, Genetics and Molecular Biology**

2400 **Immunology and Microbiology**

2800 **Neuroscience**

3000 **Pharmacology, Toxicology and Pharmaceutics**

Health Sciences

2700 **Medicine**

2900 **Nursing**

3400 **Veterinary**

3500 **Dentistry**

3600 **Health Professions**

Social Sciences

1200 **Arts and Humanities**

1400 **Business, Management and Accounting**

1800 **Decision Sciences**

2000 **Economics, Econometrics and Finance**

3200 **Psychology**

3300 **Social Sciences**

Physical Sciences

1500 **Chemical Engineering** **CENG** 2200 **Engineering**

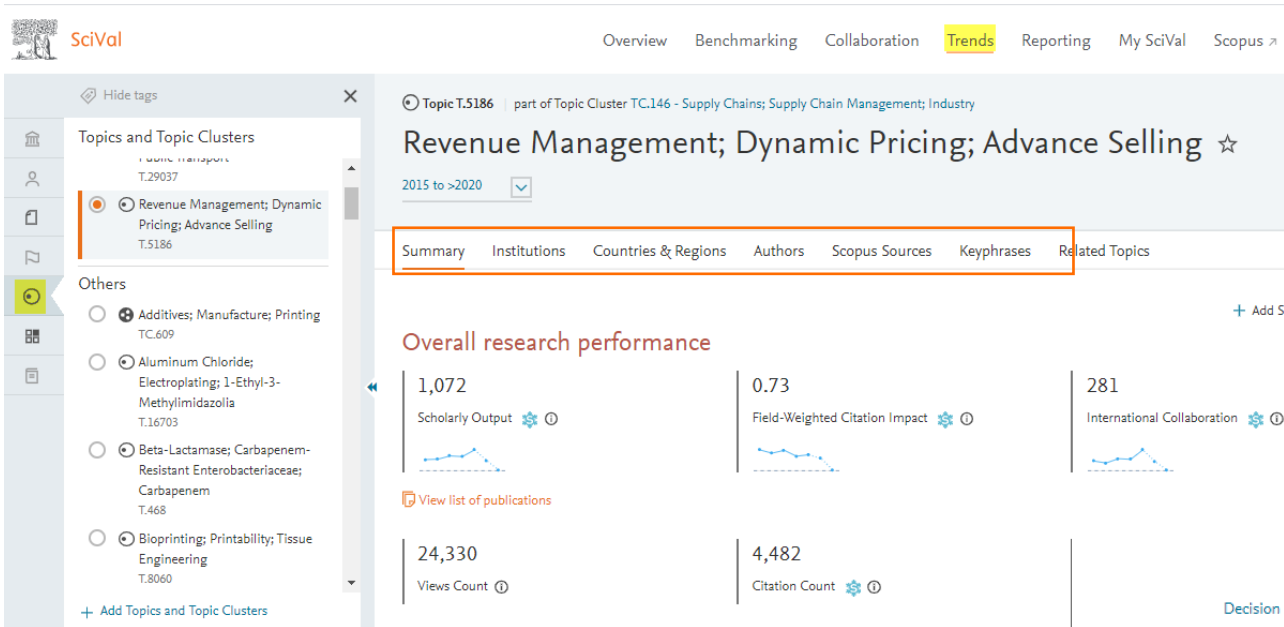
1600 **Chemistry** 2300 **Environmental Science**

1700 **Computer Science** 2500 **Materials Science**

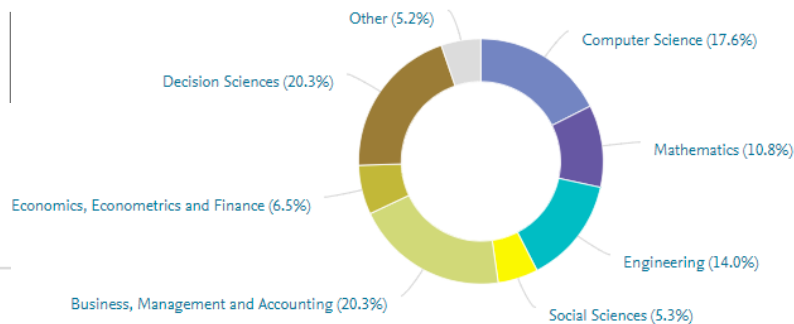
1900 **Earth and Planetary Sciences** 2600 **Mathematics**

2100 **Energy** 3100 **Physics and Astronomy**

通过Topic发现研究主题的学科交叉现状



多学科交叉



Overview+topic/ summary

通过Topic发现研究主题的主要贡献者

Topic T.370 Analyze in Grants | part of Topic Cluster TC.727 - Hybrid Vehicles; Fuel Economy; Electric Vehicles

Plug-in Hybrid Vehicles; Powertrains; Energy Management ☆

2018 to 2021

Summary Institutions Countries & Regions Authors Scopus Sources Keyphrases Related Topics

<input type="checkbox"/>	Institution ↑	Scholarly Output ↓	View	<input type="checkbox"/>	Author	Affiliation
1.	Beijing Institute of Technology	205	<input type="checkbox"/>	1.	Liu, Yonggang	Chongqing University
2.	Chongqing University	151	<input type="checkbox"/>	2.	Hu, Xiaosong	Chongqing University
3.	Jilin University	124	<input type="checkbox"/>	3.	He, Hongwen	Beijing Institute of Technology
4.	Tongji University	87	<input type="checkbox"/>	4.	Chen, Zheng	Kunming University of Science and Technology
5.	Tsinghua University	84	<input type="checkbox"/>	5.	Zeng, Xiaohua	Jilin University
6.	CNRS	81	<input type="checkbox"/>	6.	Emadi, Ali N.	McMaster University
7.	Polytechnic University of Turin	58	<input type="checkbox"/>	7.	Anselma, Pier Giuseppe	Polytechnic University of Turin
8.	Jiangsu University	57	<input type="checkbox"/>	8.	Chen, Werirong	Southwest Jiaotong University
9.	University of Michigan, Ann Arbor	51	<input type="checkbox"/>	9.	Hofman, Theo	Eindhoven University of Technology
10.	University of Waterloo	51	<input type="checkbox"/>	10.	Wang, Weida	Beijing Institute of Technology
				1.	Bouscayrol, Alan	Arts et Métiers ParisTech

Topic character

Keyphrase analysis Representative publications

Top 50 keyphrases by relevance, based on 3,087 publications | [Learn about keyphrase calculations >](#)



A A A relevance of keyphrase | declining A A A growing (2018-2020)

Topic character

Keyphrase analysis Representative publications

Top 10 representative publications, published 2018 - 2021 | [Learn about Representative publications calculation >](#)
















Publication

- Improving fuel economy and performance of a fuel-cell hybrid electric vehicle (fuel-cell, battery, and ultra-capacitor) using optimized energy management strategy. Alnadi, S., Bathaee, S.M.T., Housseinpour, A.H. (2018) Energy Conversion and Management, 160, pp. 74-84. [View in Scopus >](#)
- Energy management strategies of connected HEVs and PHEVs: Recent progress and outlook. Zhang, F., Hu, X., Langari, R. and 1 more (2019) Progress in Energy and Combustion Science, 73, pp. 235-256. [View in Scopus >](#)
- Optimization of energy management system for fuel-cell hybrid electric vehicles: Issues and recommendations. Sulaiman, N., Hannan, M.A., Mohamed, A. and 3 more (2018) Applied Energy, 228, pp. 2061-2079. [View in Scopus >](#)
- Pontryagin's Minimum Principle based model predictive control of energy management for a plug-in hybrid electric bus. Xie, S., Hu, X., Xin, Z. and 1 more

关于SciVal指标

The array of metrics through SciVal

F. Qualitative input

Metric theme	Metric sub-theme	Metrics in SciVal	
A. Funding	Awards	<ul style="list-style-type: none"> Awards Volume 	
B. Outputs	Productivity of research outputs	<ul style="list-style-type: none"> Scholarly Output  <ul style="list-style-type: none"> Number, Type and Growth Subject Area Count 	
	Visibility of communication channels	<ul style="list-style-type: none"> Publications in Top Journal Percentiles  	
C. Research Impact	Research influence	<ul style="list-style-type: none"> Citations Count  Field-Weighted Citation Impact  Outputs in Top Citations Percentiles  Citations per publication  Cited publications <i>h</i>-indices  	<ul style="list-style-type: none"> Number of citing countries Views Count Outputs in Top Views Percentiles Views per Publication Field-Weighted Views Impact
	Knowledge transfer	<ul style="list-style-type: none"> Academic-Corporate Collaboration  Citing-Patents Count Patent-Cited Count 	
D. Engagement	Academic network	<ul style="list-style-type: none"> Collaboration  Collaboration Impact  	
	Non-academic network	<ul style="list-style-type: none"> Academic-Corporate Collaboration  Academic-Corporate Collaboration Impact  	
	Expertise transfer	<ul style="list-style-type: none"> Academic-Corporate Collaboration  Citing-Patents Count Patent-Cited Count 	
E. Societal Impact	Societal Impact	<ul style="list-style-type: none"> Academic-Corporate Collaboration  Citing-Patents Count Patent-Cited Scholarly Output 	<ul style="list-style-type: none"> Patent-Citations Count Mass Media  Media Exposure Field-Weighted Mass Media

多维度丰富指标

指标	Metrics	维度
发文量	Scholarly output	研究体量
引用量、他引次数、篇均被引	Citation related	影响力
FWCI*	Field-Weighted Citation Impact	总影响力- 领域权重的引用影响力
高被引文献	Output in Top x% Citation Percentiles	高水平文献
高水平期刊文献	Publications in Top x% Journal Quartile by Citescore (%)	高水平文献
国际合作/产学合作发文	International collaboration Industrial-academic collaboration	合作
研究主题及主题显示度	Topic prominence	研究热点
文献专利互引		经济影响力
PlumX补充计量学指标	PlumX	社会影响力
H指数/H5指数	H/H5 index	学者影响力



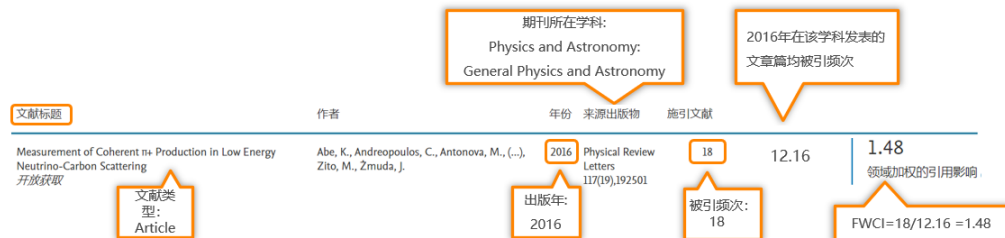
*FWCI (Field-Weighted Citation Impact) 领域权重引用影响力指标，对学科、年份和文献类型归一化计算，全球平均水平为1。

Publication Metrics

文献计量学相关指标-针对**单篇**文献，包含期刊文献、会议论文等

- Field-Weighted Citation Impact-FWCI，领域加权的引用影响力。
 - 和同学科，同年份，同文献类型（比如article, review）的文献引用次数比较后计算的数值（例如图2中的1.48）；全球基准水平FWCI=1，高于1意味着高于全球基准水平；反之亦然。
 - 可灵活选取全球，全国，特定机构、特定领域（或topic）的FWCI作为基准进行比较；直观反应分析对象的引用比较水平，一般FWCI越高影响力越大。
 - 注意：使用时建议结合发文量综合考量。不建议文献量差异显著的分析对象简单用FWCI排序和比较。

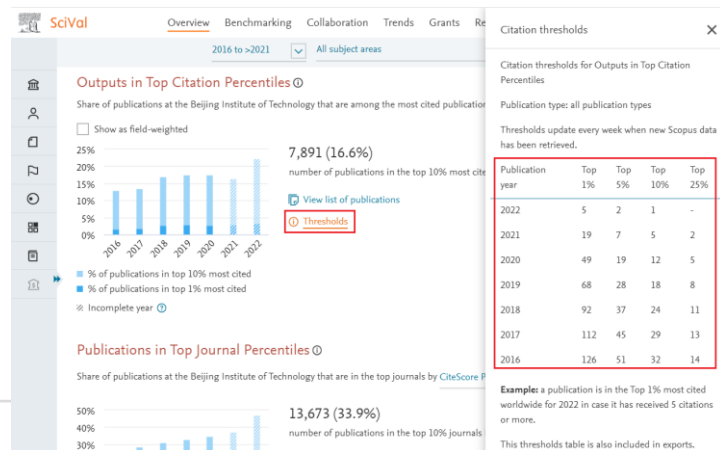
Field-Weighted Citation Impact



Publication Metrics

文献计量学相关指标-针对**单篇**文献，包含期刊文献、会议论文等

- Outputs in Top Citation percentile, per percentile 文献的高被引百分位
 - 以Scopus数据库为对象，将每年（指出版年）发表文献的引用次数按照从高到低排序，分成100均等份，计算出各百分位的引用次数阈值；具体文献根据引用次数落在对应的引用百分位区间。
 - 满足前1%，前5%，前10%等引用次数阈值的文献即被定义为前X%高被引文献。导出时该数据是多少，就是前百分之几。
 - 在Scival页面的对应指标处可查看各档引用阈值



Publication Metrics

补充计量学相关指标PlumX

- 包含文献的**政策引用**，**专利引用**和**临床引用**等。
- 包含新闻媒体，社交网络提及等。

☐ Citing-Patents Count

Types of publications included: all.

Patent office: all. 引用文献的专利数

☐ Patent-Citations Count

Types of publications included: all.

Patent office: all. 专利引用次数

☐ Patent-Citations per Scholarly Output

Types of publications included: all.

Patent office: all. 每千篇文献被专利引用次数

☐ Patent-Cited Scholarly Output

Types of publications included: all.

Patent office: all. 被专利引用的文献数

☐ Citing Policy Documents

引用文献的政策文件数

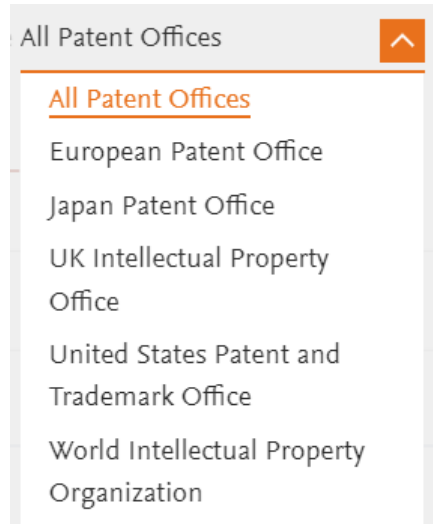
Other options: Publication Years of Policy Documents.

☐ Policy Cited Scholarly Output

Types of publications included: all. 被政策文件引用的文献数

Patent impact

- Citing-patent counts
 - count of patents citing the Scholarly Output published by ***
 - 引用***的文献的专利数
- Patent-cited scholar output
 - count of Scholarly Outputs by *** that have been cited in patents
 - ***被专利引用的文献数
- Patent-citation counts
 - 专利引用次数
- Patent-Citations per Scholarly Output
 - 每1000篇文献被专利引用的次数

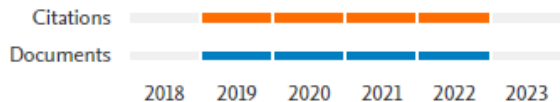


Journal Metrics

期刊影响力相关指标-

- Citescore: 基于Scopus数据库计算的连续出版物（特别是期刊）的影响力指标；导出的为文献出版年该来源出版物的citescore值。

CiteScore2022



- Citescore tracker
 - 根据期刊当前年度及过去三年（完整年）的引用和发文数计算。计算方法与citescore类似，当前年度更新到当前月份。可用于判断期刊的影响力发展趋势
- Citescore Percentile
 - 与同学科（指Scopus的ASJC二级学科）来源出版物的citescore相比计算的百分位数。数值越小表示期刊相对影响力越高；25%，50%，75%等可分别对应于期刊的分区

- 引文计数（分子）和文献数（分母）保持一致，仅统计经过同行评审的出版物：文章、综述、会议论文、图书章节、数据论文（不包括非同行评审的文章类型，如社论、新闻条目、快报和笔记）。
- 引文计数将从发表年份起累积至计算窗口结束，最长可达四年。这意味着出版物在此期间收到的所有引用都将被计入CiteScore，从而进行更加有力的期刊影响力评估。此前，引文计数仅统计过去一年的引用数量。
- CiteScore涵盖了包括统计年份在内的四年里发表的所有刊物。这意味着出版仅一年的期刊也能拥有CiteScore，让许多新期刊——包括很多开放获取期刊——可提前一年收获影响力指标。
- 基于行业最佳实践，CiteScore保留至小数点后一位



其它期刊影响力指标包括SJR，SNIP。皆通过Scopus的文献和引用数据计算得到，但计算方法有所差别

欢迎使用SciVal 科研分析工具

查看机构的科研表现

SciVal
www.scival.com

说明

- Scival使用--在学校IP范围内，注册账号并登录后方可使用。
- SciVal的账号—与Science direct，Scopus通用。
- 如果没有上述账号，请参照下面的内容注册。



进入overview模块



SciVal

Overview

Benchmarking

Collaboration

Trends

Grants

Impact

Reporting

My SciVal

Scopus ↗



Welcome to SciVal



Overview >

View the research performance of Researchers, Institutions, Countries and more.



Benchmarking >

Compare and benchmark the research performance of anything in SciVal.



Collaboration >

Explore the collaboration of Institutions, Countries and Researchers.



Trends >

Dive deeper into an area of interest.



Grants >

Analyze and compare funding in areas of interest.



Impact >

Understand the broader impact of research on society.



Research Areas provided by SciVal: [SDG 1: No Poverty \(2023\)](#) | [SDG 2: Zero Hunger \(2023\)](#) | [View more](#)



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1. 添加机构

进入overview页面后，默认显示本机构页面；
如需添加其它机构，可输入机构名称检索

SciVal Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus ?

Search Institutions and Groups
Enter keywords

Harvard University ☆
United States | More details on this Institution
2018 to 2023 | All subject areas | ASJC | Data sources

Advanced search

Institutions and Groups

2) 输入机构名称 (支持中、英文名称输入)

3) 点击自动匹配的机构名称即完成添加

Beijing Normal University
北京师范大学

2.16
Field-Weighted Citation Impact
Yearly breakdown

466
h5-index

08.10.2023
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2. 选择时间窗口

The screenshot shows the SciVal interface for Harvard University. The top navigation bar includes links for Overview, Benchmarking, Collaboration, Trends, Grants, Impact, Reporting, My SciVal, and Scopus. The main header displays "Harvard University" with a star icon and a location filter for "United States". A dropdown menu for the time window is open, showing options: "2018 to 2023" (highlighted with an orange box), "2020 to 2022", "2020 to 2023", "2020 to >2023", "2018 to 2022", "2018 to 2023" (highlighted with an orange box), "2018 to >2023", and "2013 to 2022". A callout box with an orange border contains the text: "时间窗口有3类可选" (Time window has 3 categories available), followed by a bulleted list: "过去三年至今 (3种)" (Past 3 years to present (3 types)); "过去五年至今 (3种)" (Past 5 years to present (3 types)); and "十年 (1种)" (Ten years (1 type)). The interface also shows various performance metrics: "2.16 Field-Weighted Citation Impact", "19.8 Citations per Publication", and "466 h5-index". A note at the bottom right states: "说明: 每年5-6月时间窗口自动向后滚动一年; 如需更灵活的时间区间, 请切换到benchmarking模块" (Note: The time window automatically rolls back one year every 5-6 months; for more flexible time intervals, please switch to the benchmarking module).

SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus ↗

Harvard University ☆

United States | More details on this Institution

2018 to 2023 All subject areas ASJC

2020 to 2022

2020 to 2023

2020 to >2023

2018 to 2022

2018 to 2023

2018 to >2023

2013 to 2022

时间窗口有3类可选

- 过去三年至今 (3种) ;
- 过去五年至今 (3种) ;
- 十年 (1种)

2.16
Field-Weighted Citation Impact ⓘ
Yearly breakdown

19.8
Citations per Publication ⓘ

466
h5-index ⓘ

说明:
每年5-6月时间窗口自动向后滚动一年;
如需更灵活的时间区间, 请切换到benchmarking模块

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3.选择学科分类

SciVal Overview Benchmarking Collaboration Trends Grants Impact

Harvard University ☆
United States | More details on this Institution

2018 to 2023 All subject areas **ASJC**

Summary Topics Rankings Collaboration Published Viewed Cited Authors Patent Im

Overall research performance

207,840 ▲
Scholarly Output ⓘ
65.1% All Open Access
[View list of publications](#)

可选的学科

- ASJC (Scopus的标准学科)
 - QS学科
 - THE 学科
- 等十多个不同学科分类体系

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](#)
- QS – Quacquarelli Symonds Classification
Used in QS World University Rankings. It covers 5 subject areas and 48 subjects.
[View more details](#)
- THE – Times Higher Education Classification
Used in the THE World University Rankings. It covers 11 subject areas mapped to ASJC.
[View more details](#)

以下所有内容都基于已选定的年份及学科

4. 查看机构科研表现-概览



Overview

Benchmarking

Collaboration

Trends

Grants

Impact

Reporting

My SciVal

Scopus ↗



Harvard University ☆

Report from template

United States | [More details on this Institution](#)

2018 to 2023 | [All subject areas](#)

[ASJC](#)

Data sources

Summary

Topics

Rankings

Collaboration

Published

Viewed

Cited

Authors

Patent Impact

Media Impact

Awarded Grants

+ Add Summary to Reporting Export

+ Add to Report

Overall research performance

207,840 ▲ 总发文量

Scholarly Output ⓘ

65.1% All Open Access

[View list of publications](#)

93,949 ▲

Authors

2.16 FWCI*

Field-Weighted Citation Impact ⓘ

[Yearly breakdown](#)

4,119,453 总引用量

Citation Count ⓘ

19.8 篇均被引

Citations per Publication ⓘ

466 H5指数

h5-index ⓘ

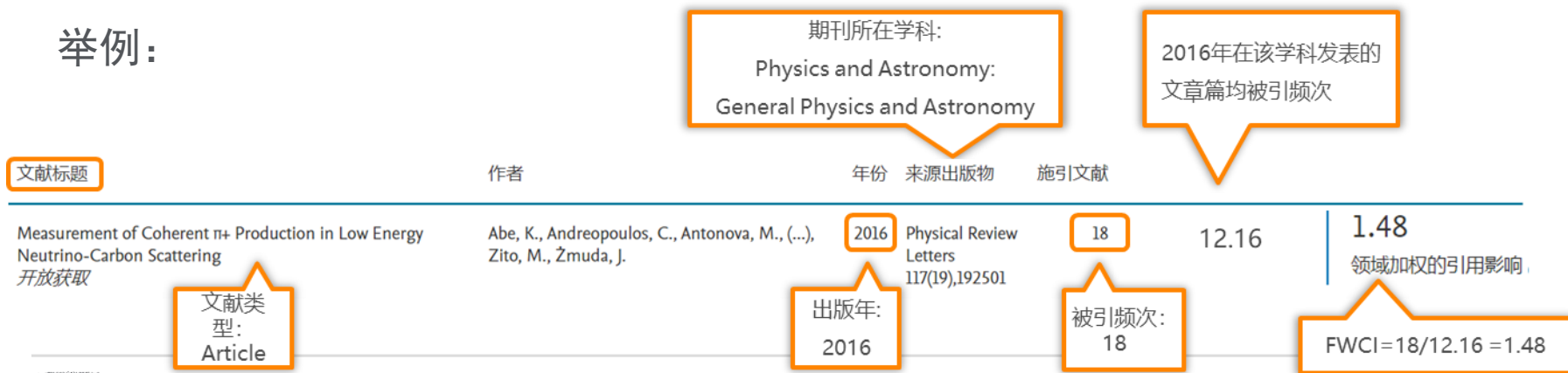


关于FWCI-衡量引用影响力的指标

Field-Weighted Citation Impact (FWCI) 领域权重的引用影响力

- 与相同学科领域，相同出版年份以及相同文章类型的文献比较引用影响力；
- FWCI>1，表示该文章的引用影响力高于全球平均水平。例如FWCI=2.15表明引用影响力比达到全球平均平均水平2.15倍，或者超出全球平均水平（FWCI=1）115%

举例：



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4. 查看机构科研表现-研究主题布局

SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus

Harvard University ☆

United States | More details on this Institution

2018 to 2023

All subject areas

ASJC

Data sources

Summary **Topics** Rankings Collaboration Published Viewed Cited Authors Patent Impact Media Impact Awarded Grants

Topics & Topic Clusters

Between 2018 to 2023, researchers at Harvard University have contributed to:

1,405 Topic Clusters

21,951 Topics

only show the 4,822 Key Topics for this Institution

Table Wheel Scatter ③ 切换视图：表格、泡泡、散点图

Metric guidance + Add to Reporting Export

All Topics

Search

⑤ 按照关键词筛选主题（簇）

④ 按照显示度prominence百分位筛选研究主题（簇）

Nivolumab; Pembrolizumab; T.403

Nasopharyngeal Swabs; Se T.1101148

08.10.2023



All Topic Clusters

- Top 1% of worldwide Topic Clusters by Prominence
- Top 5% of worldwide Topic Clusters by Prominence
- Top 10% of worldwide Topic Clusters by Prominence
- Top 25% of worldwide Topic Clusters by Prominence
- All Topic Clusters**

At this Institution		Worldwide
Publication Share	Field-Weighted Citation Impact	Prominence percentile
3.85%	4.55	99.993
2.66%	9.12	100.000

5. 机构科研表现及国际对标 --THE世界大学排名分析

Tsinghua University ☆
清华大学
China | More details on this Institution
2016 to 2020 | All subject areas | THE

Summary Topics **Rankings** Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Gr

Overall **by THE**

Times Higher Education (THE) World University Rankings

Ranking year 2022

Overall Rank and Publications considered in THE Rankings

详情请参阅大学排名与国际对标在线讲座

https://app.ma.scrmtch.com/meetings-api/sapIndex/SapSourceData?pf_uid=16053_1737&sid=39428&source=2&pf_type=3

6. 机构科研发表的SDGs 贡献

SciVal
Overview Benchmarking Collaboration Trends Grants Reporting My SciVal Scopus

Tsinghua University ☆
清华大学
China | More details on this Institution
2018 to 2021 | All subject areas | ASJC

Summary Topics Rankings Collaboration **Published** Viewed Cited Authors Economic Impact Societal

Overall **by Journal quartile** **by Subject Area** **by SDG** **by Scopus Source**

Publications by SDG Metric guidance + Ad

The United Nations Sustainable Development Goals (SDGs) challenge the global community to build a world where no one is left behind. Learn more

Table Bar chart

Sort by SDG name

- 按期刊分区
- 按学科分布
- 按联合国可持续发展目标
- 按来源出版物

SDG 1: No Poverty (2021)
SDG 2: Zero Hunger (2021)
SDG 3: Good Health and Well-being (2021)
SDG 4: Quality Education (2021)
SDG 5: Gender Equality (2021)
SDG 6: Clean Water and Sanitation (2021)
SDG 7: Affordable and Clean Energy (2021)
SDG 8: Decent Work and Economic Growth (2021)
SDG 9: Industry, Innovation and Infrastructure (2021)
SDG 10: Reduced Inequality (2021)



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7. 查看机构科研表现-合作分析

Tsinghua University

清华大学

16th (QS) · 23rd (THE) · 43rd (ARWU) · 1st (RUANKE) China | More details on this Institution

2014 to 2018 no subject area filter selected QS

Report from template

Data sources

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

Overall Top collaborating Institutions

Collaboration 国际合作分析

+ Add to Reporting Shortcuts

Scholarly Output at Tsinghua University, by amount of international, national and institutional collaboration



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	30.7%	21,936	384,745	17.5	2.39
Only national collaboration	44.4%	31,716	287,069	9.1	1.20
Only institutional collaboration	23.1%	16,477	133,801	8.1	1.05
Single authorship (no collaboration)	1.8%	1,249	4,809	3.9	0.68

国际合作比例及影响力

Academic-Corporate Collaboration 产学合作分析

+ Add to Reporting Shortcuts

Scholarly Output at Tsinghua University with both academic and corporate author affiliations



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
Academic-corporate collaboration	4.4%	3,164	50,054	15.8	2.59
No academic-corporate collaboration	95.6%	68,214	760,370	11.1	1.47



08.10.202

8. 查看机构科研表现-其它

- Published-查看论文发表情况
 - 历年发表论文数
 - 高被引论文
 - 高水平期刊论文
 - 按学科/期刊发表的论文量及FWCI
- Viewed-查看论文浏览情况
- Cited-查看论文引用情况
 - 历年引用次数
 - 历年篇均被引
 - 历年FWCI

Tsinghua University ☆
清华大学 | More details on this Institution
2018 to 2021 | All subject areas | ASJC

Summary Topics Rankings Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

Publications by Subject Area

Table Visualization

Subject Area	Scholarly Output	Citations	Authors	Field-Weighted Citation Impact
Tsinghua University	71,378	810,424	37,642	1.52
Engineering & Technology	50,497	520,889	28,971	1.50
Computer Science & Information Systems	18,269	140,726	13,333	1.58
Engineering - Electrical & Electronic	17,696	182,005	13,280	1.47
Engineering - Mechanical, Aeronautical & Manufacturing	11,244	111,533	9,963	1.39
Engineering - Chemical	6,055	101,794	6,354	1.72
Engineering - General	5,185	32,507	6,992	1.41
Engineering - Civil & Structural	2,306	23,068	2,217	1.41
Engineering - Mineral & Mining	1,425	10,543	1,642	1.14
Natural Sciences	33,808	411,673	21,966	1.50
Life Sciences & Medicine	9,394	133,548	10,626	1.70
Social Sciences & Management	6,575	69,725	6,592	1.60
Arts & Humanities	647	4,039	802	1.54



欢迎使用SciVal 科研分析工具

机构科研表现对标分析

SciVal
www.scival.com



说明

- Scival使用--在学校IP范围内，注册账号并登录后方可使用。
- SciVal的账号—与Science direct，Scopus通用。
- 如果没有上述账号，请参照下面的内容注册。



进入Benchmarking模块



Overview

Benchmarking

Collaboration

Trends

Grants

Impact

Reporting

My SciVal

Scopus ↗



Welcome to SciVal



Overview



View the research performance of Researchers, Institutions, Countries and more.



Benchmarking



Compare and benchmark the research performance of anything in SciVal.



Collaboration



Explore the collaboration of Institutions, Countries and Researchers.



Trends



Dive deeper into an area of interest.



Grants



Analyze and compare funding in areas of interest.



Impact



Understand the broader impact of research on society.

Research Areas provided by SciVal: [SDG 1: No Poverty \(2023\)](#) | [SDG 2: Zero Hunger \(2023\)](#) | [View more](#)



08.10.2023

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1. 勾选需要对标的机构 (添加机构详见材料3)

SciVal

Overview **Benchmarking** Collaboration Trends Grants Reporting My SciVal Scopus

Deselect all Hide tags

Institutions and Groups

Institutions

Benchmarking

2015 to 2021 All subject areas ASJC Data sources

All Metrics Rankings Metrics

Table Chart Metric guidance Add to Reporting Export

Benchmark one metric over time

Metric: Scholarly Output

Entity	2015	2021	2017	2018	2019	2020	2021	Overall
B	3,655	3,925	4,129	4,612	5,267	5,694	6,794	34,076
R	1,024	1,301	1,227	1,375	1,605	1,751	2,308	10,591
TI	1,768	1,717	1,941	1,884	1,582	1,691	2,127	12,710

2. 选择时间窗口和学科

选择学科的操作详见材料3

The screenshot displays the SciVal Benchmarking interface. The 'Benchmarking' tab is selected in the top navigation bar. On the left, the 'Institutions and Groups' sidebar is visible. The main content area shows a time window selector set to '2015 to 2021' and a dropdown menu for 'All subject areas' with 'ASJC' selected. A text box highlights that the benchmarking can be flexibly adjusted to a time window from 1996 to the present. Below the selector, a table displays the 'Scholarly Output' metric for three entities: Beijing, Renmin, and Tsinghua University, with data for the years 2015-2021 and an overall total.

2015 to 2021 All subject areas

ASJC 选择学科分类

Benchmarking可灵活调整时间窗口 (1996年至今)

Metric: Scholarly Output

Entity	2015	2016	2017	2018	2019	2020	2021	Overall
Be	3,655	3,925	4,129	4,612	5,267	5,694	6,794	34,076
Re	1,024	1,301	1,227	1,375	1,605	1,751	2,308	10,591
Th	1,768	1,717	1,941	1,884	1,582	1,691	2,127	12,710

3. 选择指标-

SciVal

Overview **Benchmarking** Collaboration Trends Grants Reporting My SciVal Scopus ↗ ? 🏠

Benchmarking

2015 to 2021 ▾ All subject areas ▾ ASJC [Data sources](#) ✨

All Metrics Rankings Metrics

Table Chart

Metric guidance + Add to Reporting Export ▾

Benchmark multiple metrics | [Reset to one metric over time](#) Heatmap

Entity ↑	Scholarly Output ▾	Field-Weighted Citation Impact ▾	Output in Top 10% Citation Percentiles (%) ▾	Publications in Q1 Journal Quartile by	International
Bej	34,076	1.30	19.4		
Ren	10,591	1.22	15.0	58.7	37.8
The political Science	12,710	2.08	14.2	70.7	44.9

选择多个指标 →

选择1个指标 →



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拖放增/删多个指标（指标选择请参考指标手册）

Add and manage metrics ×

Metrics to add

可按照类别筛选指标

Search All metric groups ▾

Show as field-weighted Show as: Percentage Total value

Include self-citations Include all publication types ▾

- Academic-Corporate Collaboration** ⚙️ (%)
Types of publications included: all.
- Academic-Corporate Collaboration Impact** ⚙️
Types of publications included: all.
- Awards Value (USD)**
Countries/Regions included: all
Funding Bodies included: all.
- Citation Count** ⚙️
Types of publications included: all. Self-citations included: yes.
- Citations per Publication** ⚙️
Types of publications included: all. Self-citations included: yes.
- Cited Publications** (%)
Types of publications included: all. Self-citations included: yes.

Metrics in the table

Add, remove or change view order. 24 metrics available ↻ Reset list

- Scholarly Output** ⚙️
Types of publications included: all.

Drag and drop metrics you want to add to the table.

Update metrics >



选择多个指标



SciVal

Overview

Benchmarking

Collaboration

Trends

Grants

Reporting

My SciVal

Scopus ↗



Benchmarking

2015 to 2021 ▼ All subject areas

All Metrics Rankings Metrics

Table ↗ Chart

Benchmark multiple metrics ↻ Reset

Entity ↑

Entity	Scholarly Output ▼	Field-Weighted Citation Impact ▼	Output in Top 10% Citation Percentiles (%) ▼	Publications in Top Journal Quartile by CiteScore (%) ▼	International Collaboration (%) ▼
Bej	34,076	1.30	19.4	66.3	38.3
Rer	10,591	1.22	15.0	58.7	37.8
The	12,710	2.08	14.2	70.7	44.9

Outputs in Top Citation Percentiles ⚙️

[Learn more about this metric ↗](#)

Show as field-weighted

Include self-citations ⊙

Show the outputs in top:

1% 5% 10%

25%

Show as:

Percentage

Total value

Choose metric ➔

Collaboration ▼

Published ▼

Viewed ▼

Cited ⬆️

Citation Count ⚙️

Field-Weighted Citation Impact ⚙️

⬅️ Outputs in Top Citation Percentiles ⚙️

Publications in Journal Quartiles

Publications in Top Journal Percentiles ⚙️

Citations per Publication ⚙️

Cited Publications

h-indices ⚙️

Data sources ⚙️

⊙ Metric guidance + Add to Reporting Export ▼

切换指标细节：
百分位；数值/比例；文献类型；
作者贡献



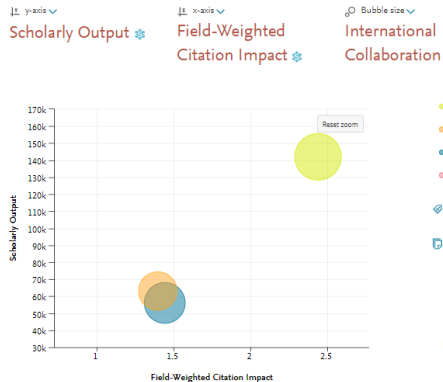
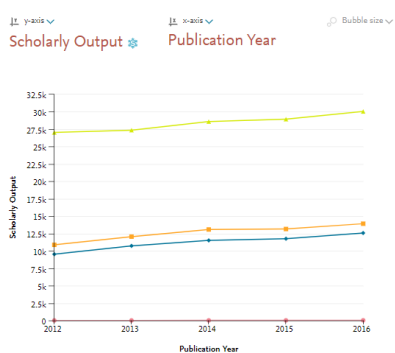
08.10.2023

ELSEVIER

4. 切换视图模式



- Table模式-可显示指标对应数值，可同时选择>3个指标
- Chart模式-可视化显示指标，最多选择3个指标



- Metric 1: Scholarly Output
- Metric 2: Field-Weighted Citation Impact
- Metric 3: International Collaboration

+ Add to Reporting Export

结果输出

export可输出到excel



Entity	Scholarly Output	Field-Weighted Citation Impact	International Collaboration
Harvard University	142,007	2.44	40.7
Peking University	56,120	1.44	30.4

欢迎使用SciVal 科研分析工具

查看学者的科研表现

SciVal
www.scival.com



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- Scival使用--在学校IP范围内，注册账号并登录后方可使用。
- SciVal的账号—与Science direct，Scopus通用。
- 如果没有上述账号，请参照下面的内容注册。





Welcome to SciVal



Overview >

View the research performance of Researchers, Countries and more.



Benchmarking >

Compare and benchmark the research performance of anything in SciVal.



Collaboration >

Explore the collaboration of Institutions, Countries and Researchers.



Trends >

Dive deeper into an area of interest.



Grants >

Analyze and compare funding in areas of interest.



Reporting >

Create, export and share custom reports and templates.

🔍 Research Areas provided by SciVal: COVID-19 Research | SDG 13: Climate Action (2021) | View more

🔗 Are you a Researcher?

See some metrics about yourself. Let's find your Scopus author profile and help you get started.

Last name

Yu

First name

Tingting

Affiliation

I'm not a researcher – dismiss

We've used your Elsevier account information to pre-fill this form for you.

Clear all fields

Find my profile >

📖 Quick guide to SciVal

Get a quick overview of SciVal, how you can use it and how it can help you.

1. Introduction to SciVal >
2. Working with entities >
3. Metrics in SciVal >

📺 Webinars

Learn more about SciVal's features with our in-depth training webinars.

SciVal intro and data behind SciVal >

Institutions and Countries >

View all >

Researchers and Publication Sets >

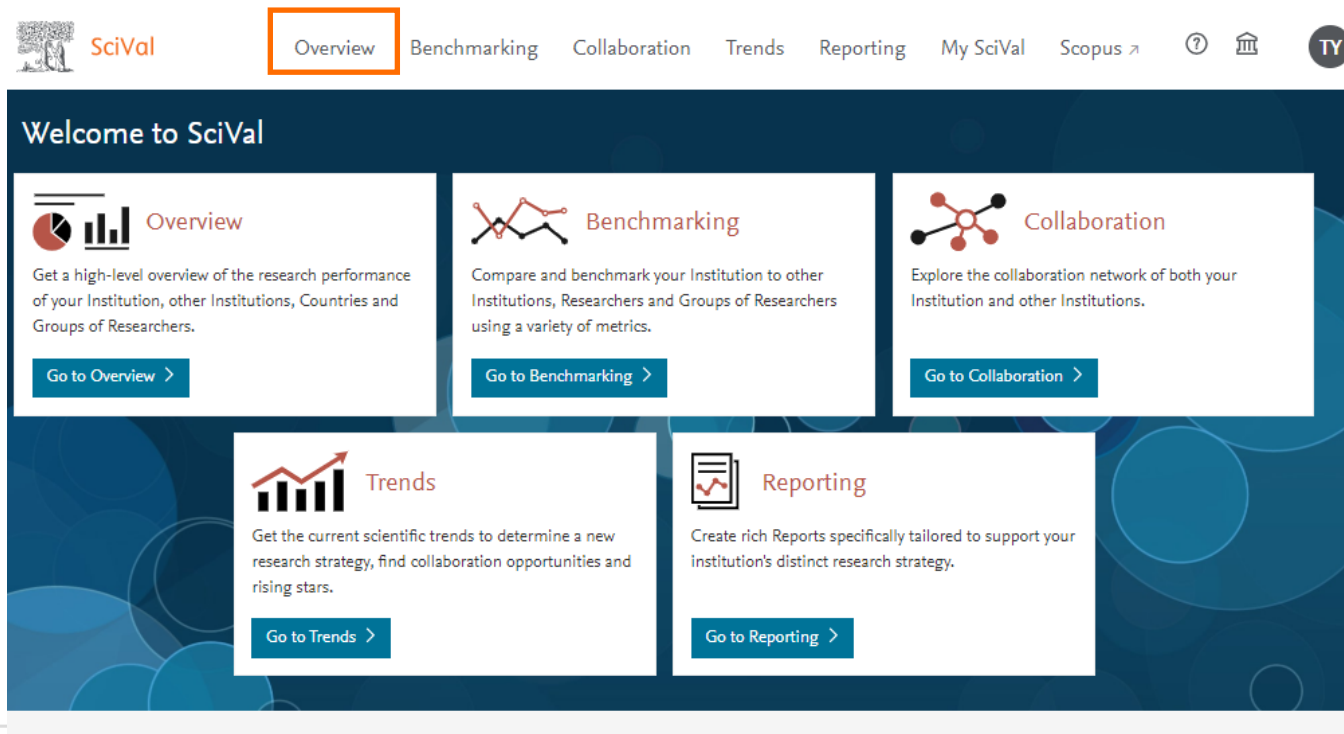
Topics, Research Areas and Journals >

绑定个人学者档案

- 与scopus学者档案关联
 - 根据用户账号信息自动绑定或学者手动输入
- 自动呈现学者的学术影响力



进入overview模块




The image shows the SciVal dashboard interface. At the top, there is a navigation menu with the following items: Overview (highlighted with an orange box), Benchmarking, Collaboration, Trends, Reporting, My SciVal, Scopus, a help icon (?), a user icon, and a profile icon (TY). Below the navigation menu, the main content area is titled "Welcome to SciVal" and features five interactive cards:

- Overview:** Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers. [Go to Overview >](#)
- Benchmarking:** Compare and benchmark your Institution to other Institutions, Researchers and Groups of Researchers using a variety of metrics. [Go to Benchmarking >](#)
- Collaboration:** Explore the collaboration network of both your Institution and other Institutions. [Go to Collaboration >](#)
- Trends:** Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars. [Go to Trends >](#)
- Reporting:** Create rich Reports specifically tailored to support your institution's distinct research strategy. [Go to Reporting >](#)

1. 添加学者

进入overview页面后，点击左侧分析面板researcher



SciVal

Search Researchers and Groups
Enter keywords

- Advanced search
- Define a new Researcher**
- Define a new Group of Researchers
- Import Researchers
- Synchronize Groups

1) 点击 define a new researcher



Define a new Researcher

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

i The Researcher you want to add may be known in Scopus by more than one author name variant. Search below for Scopus author name variants of the Researcher you want to add.

Last name First name

Affiliation

+ Add another field

2) 在新窗口中输入学者姓、名和机构名称（仅支持英文输入）

2. 查看学者科研表现-概览及基本指标



SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My



Wang, Ruzhu ☆



Highly Cited Chinese Researcher 2022



CHN Shanghai Jiao Tong University ... Show all affiliations | View in Scopus ↗ | Is this you?



2018 to 2023 | All subject areas | ASJC



Summary | Topics | Collaboration | Published | Viewed | Cited | Patent Impact



Overall research performance



381 总发文量

Scholarly Output ⓘ

18.7% All Open Access

View list of publications



1.48 FWCI*

Field-Weighted Citation Impact ⓘ

Yearly breakdown

7,415 引用量

Citation Count ⓘ

篇均被引

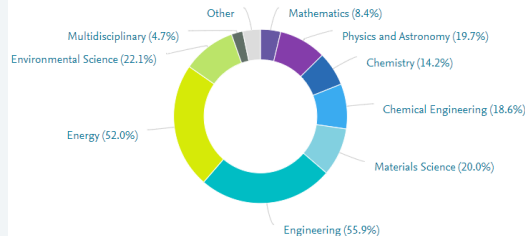
19.5 Citations per Publication ⓘ

篇均被引

94 h-index ⓘ

H5指数

35 h5-index ⓘ



主要学科

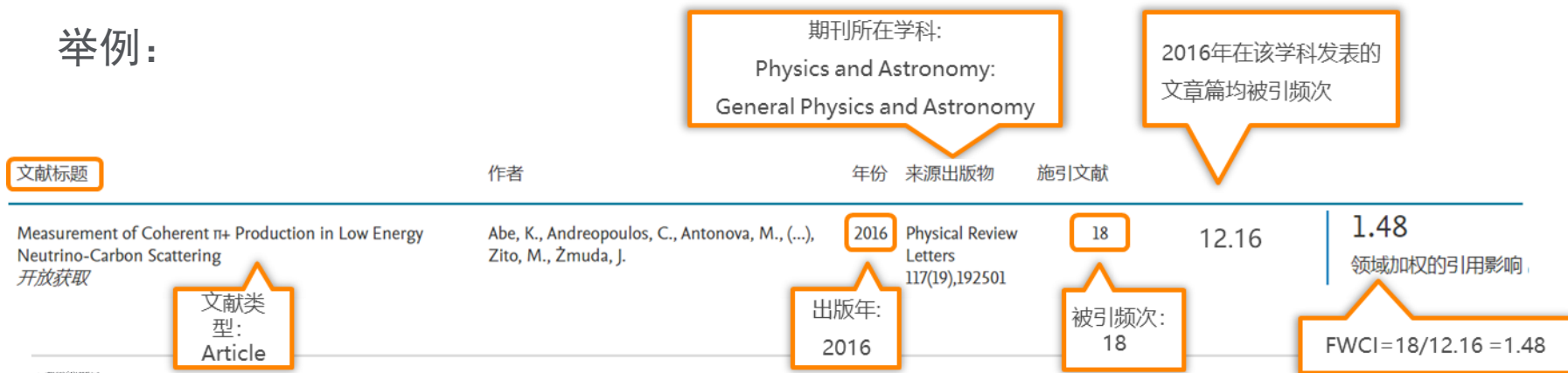


关于FWCI-衡量引用影响力的指标

Field-Weighted Citation Impact (FWCI) 领域归一化的引用影响力

- 与相同学科领域，相同出版年份以及相同文章类型的文献比较引用影响力；
- $FWCI > 1$ ，表示该文章的引用影响力高于全球平均水平。例如 $FWCI = 2.15$ 表明引用影响力比达到全球平均平均水平2.15倍，或者超出全球平均水平（ $FWCI = 1$ ）115%

举例：



08.10.2023

3. 查看学者科研表现-研究主题Topics（主要研究方向）

The screenshot shows the SciVal profile for Wang, Ruzhu. The 'Topics' tab is selected and circled in orange. The page displays 72 topics, with 37 topic clusters. Annotations include: ① 查看作者研究主题（簇）, ② 切换视图表格/泡泡图/散点图, and ③ 筛选研究主题（簇）--按照主题显示度Prominence百分比. A table titled 'All Topic Clusters' is visible, showing the top 1%, 5%, 10%, and 25% of worldwide topic clusters by prominence. A secondary table 'By this Researcher' shows metrics for Scholarly Output and Field-Weighted Citation Impact, with a prominence percentile of 99.410.

SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus

Wang, Ruzhu ☆ Report from template

Highly Cited Chinese Researcher 2022

CHN Shanghai Jiao Tong University ... Show all affiliations | View in Scopus | Is this you?

2018 to 2023 All subject areas ASJC Data sources

Summary **Topics** Collaboration Published Viewed Cited Patent Impact

Topics & Topic Clusters

Between 2018 to 2023, Wang, Ruzhu has contributed to:

37 Topic Clusters ① 查看作者研究主题（簇）

72 Topics

Table Wheel Scatter ② 切换视图表格/泡泡图/散点图

Metric guidance + Add to Reporting Export

All Topics ③ 筛选研究主题（簇）
--按照主题显示度Prominence百分比

Add to panel Create R

All Topic Clusters	
<input type="checkbox"/> Topic	
<input type="checkbox"/> Adsorption; Refrigerator	T.1779
	08.10.2023

By this Researcher		Worldwide
Scholarly Output ↓	Field-Weighted Citation Impact	Prominence percentile
120	1.65	99.410

ELSEVIER

3. 查看学者科研表现-研究主题Topics-全球占位

Wang, Ruzhu
2018 to 2023 All subject areas

Topics & Topic Clusters

Between 2018 to 2023, Wang, Ruzhu has contributed to:

- 37 Topic Clusters
- 72 Topics

Table Wheel Scatter

All Topics Search

Add to panel Create Research Area Analyze as Group in Grants Prominence p

Topic

Adsorption; Refrigeration; Cooling Systems T.1779 Analyze activity of Researcher [Analyze further ...](#)

SciVal Overview Benchmarking Collaborations **Trends** Grants Impact Reporting My SciVal Scopus

Adsorption; Refrigeration; Cooling Systems

2018 to 2023

Summary Institutions Countries & Regions **Authors** Scopus Sources Keyphrases Related Topics

Top authors

Worldwide All countries/regions

Table Chart

Top 500 authors in this Topic, by Scholarly Output

Metric guidance Add to Reporting Export

Metric value: Low High Heatmap

Compare over time Add to panel Tag Create group

	Author	Affiliation	Scholarly Output	Views Count	Field-Weighted Citation Impact	Citation Count
1.	Wang, Ruzhu	CHN Shanghai Jiao Tong University	120	6,419	1.65	2,531
2.	Saha, Bidyut Baran	JPN Kyushu University	80	3,502	1.77	1,583
3.	Frazzica, Andrea	ITA National Research Council of Italy	54	3,148	1.27	720
4.	Wang, L. W.	CHN Shanghai Jiao Tong University	48	2,042	0.96	529
5.	Aristov, Yurii I.	RUS RAS - Borekov Institute of Catalysis, Siberian Branch	47	3,355	1.28	791



08.10.2023

4. 查看学者科研表现-合作分析

Wang, Ruzhu
2018 to 2023 All subject areas

Summary Topic **Collaboration** Published Viewed Cited Patent Impact

Overall Top collaborating Institutions

Collaboration ^⓪

国际合作分析

^⓪ Metric guidance + Add to Reporting Export Shortcuts

International, national and institutional collaboration by Wang, Ruzhu in the selected year range.



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	20.0%	76	1,795	23.6	1.78
Only national collaboration	23.6%	90	1,144	12.7	1.40
Only institutional collaboration	56.4%	215	4,476	20.8	1.41
Single authorship (no collaboration)	0.0%	0	0	0.0	-

Academic-Corporate Collaboration ^⓪

产学合作分析

^⓪ Metric guidance + Add to Reporting Export Shortcuts

Academic-corporate collaboration by Wang, Ruzhu in the selected year range.



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
Academic-corporate collaboration	1.6%	6	34	5.7	0.38
No academic-corporate collaboration	98.4%	375	7,381	19.7	1.50

欢迎使用SciVal 科研分析工具

查看研究主题Topic
追踪研究前沿热点

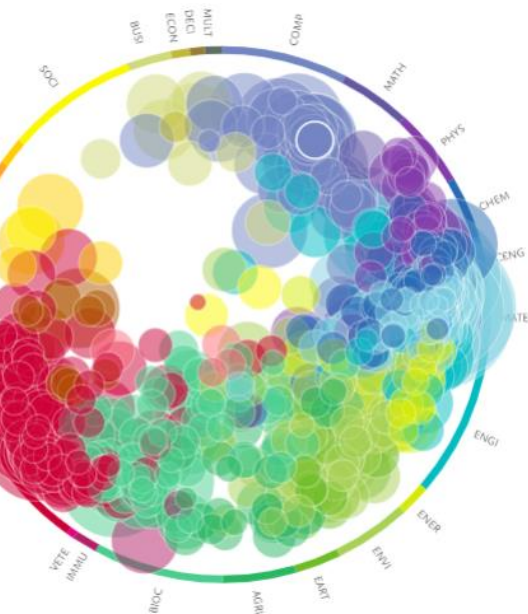
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- SciVal的账号—与Science direct，Scopus通用。
- 如果没有上述账号，请参照下面的内容注册。

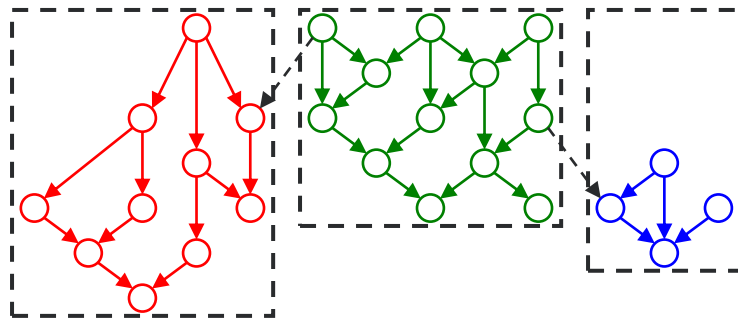


关于研究主题 Topic



基于Scopus数据库文献的**直接引用**关系聚类成的**文献簇**，对全领域划分为**9.6万个研究主题 (Topic)**/**1500个研究主题簇 (Topic cluster)**

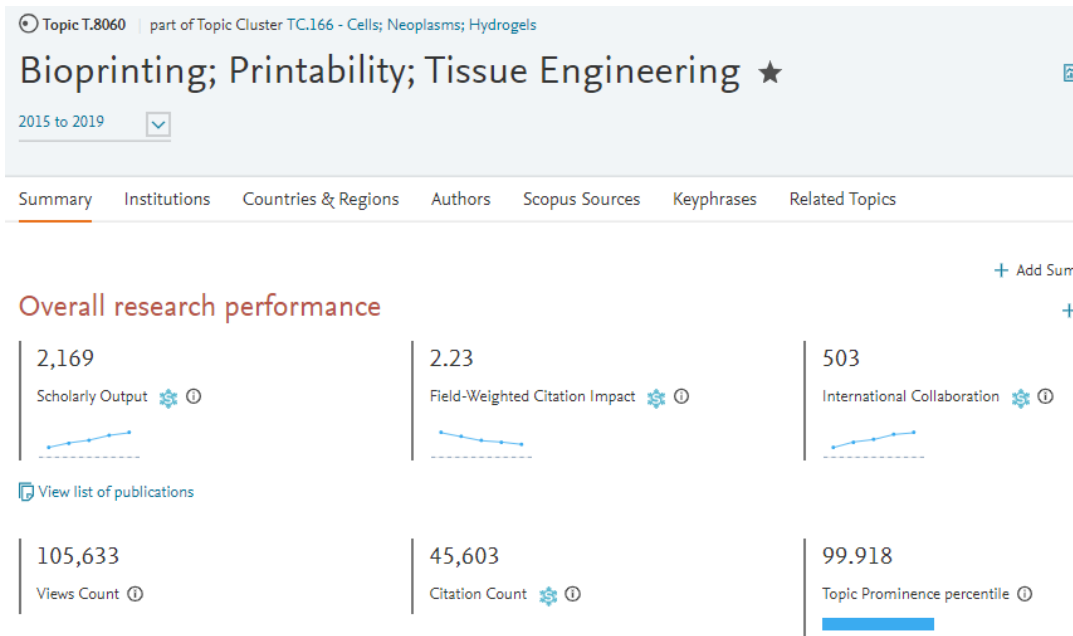
- 问题导向—每个Topic对应微观层面的特定研究问题
- 学科交叉-从文献（而非学科）出发，突破了学科的界限；Topic可以体现出学科交叉与融合的趋势



- 每个圆圈代表一篇文献，箭头为直接引用关系（文献/参考文献/施引文献）
- 一种颜色代表一个topic（即有密切引用关系的文献集）
- Topic名称由该topic的所有文献的标题+摘要+关键词挖掘出来的关键词（组）生成

主题显示度指标

Topic prominence 发现全球研究热点及发展潜力



- Prominence由Topic对应文献近年的引用次数，浏览次数和期刊水平citescore三种指标计算得到；
- Prominence值排序后按照百分位，即Prominence percentile定义Topic的全球关注度，越接近100，说明全球关注度/活跃度越高
- Prominence百分位的逐年变化，可追踪Topic的发展前景



08.10.2023

Scopus ASJC 学科分类：四大领域和27个一级学科

Life Sciences

1100 **Agricultural and Biological Sciences**

1300 **Biochemistry, Genetics and Molecular Biology**

2400 **Immunology and Microbiology**

2800 **Neuroscience**

3000 **Pharmacology, Toxicology and Pharmaceutics**

Health Sciences

2700 **Medicine**

2900 **Nursing**

3400 **Veterinary**

3500 **Dentistry**

3600 **Health Professions**

Social Sciences

1200 **Arts and Humanities**

1400 **Business, Management and Accounting**

1800 **Decision Sciences**

2000 **Economics, Econometrics and Finance**

3200 **Psychology**

3300 **Social Sciences**

Physical Sciences

1500 **Chemical Engineering** **CENG** 2200 **Engineering**

1600 **Chemistry** 2300 **Environmental Science**

1700 **Computer Science** 2500 **Materials Science**

1900 **Earth and Planetary Sciences** 2600 **Mathematics**

2100 **Energy** 3100 **Physics and Astronomy**

通过关键词检索研究主题Topic

在分析对象/研究主题Topic①页面，
根据关键词添加②相关的topic或
topic cluster③

The screenshot displays the SciVal interface. At the top, the navigation menu includes 'Overview', 'Benchmarking', 'Collaboration', 'Trends' (circled in orange), 'Reporting', 'My SciVal', and 'Scopus'. The left sidebar shows 'Topics and Topic Clusters' with a circled '1' next to the '+ Add Topics and Topic Clusters' button. The main panel is titled 'Add Topics and Topic Clusters' and features a search bar with the text 'supply chain' (circled in orange with a '3'). Below the search bar, there are radio buttons for 'Topic Clusters' and 'Topics'. The search results are displayed in a grid format with columns A through Z. The first result is 'Supply Chain' (T.59470). The second result is 'Closed-Loop Supply Chain; Remanufacturing; Reverse Logistic' (T.338). The third result is 'Green Supply Chain Management; Environmentally Preferable Purchasing; Green Practice' (T.2569). The fourth result is 'Supply Chain Integration; Manufacturing Strategy; Competitive'. At the bottom of the main panel, there is a footer with the text 'Want to do more? Go to My SciVal | Browse all in Overview'.



从分析对象中发现研究热点

在各个分析对象的研究主题Topic¹页面，可切换topic/topic cluster²，按照发文量³或主题显示度（热度）值寻找感兴趣的研究主题⁴

2016 to 2020 All subject areas

Summary **Topics** Rankings Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

Topics & Topic Clusters

Between 2016 to 2020, researchers at Tsinghua University have contributed to:

1,340 Topic Clusters [Learn about Topics and Topic Clusters](#)

14,882 Topics

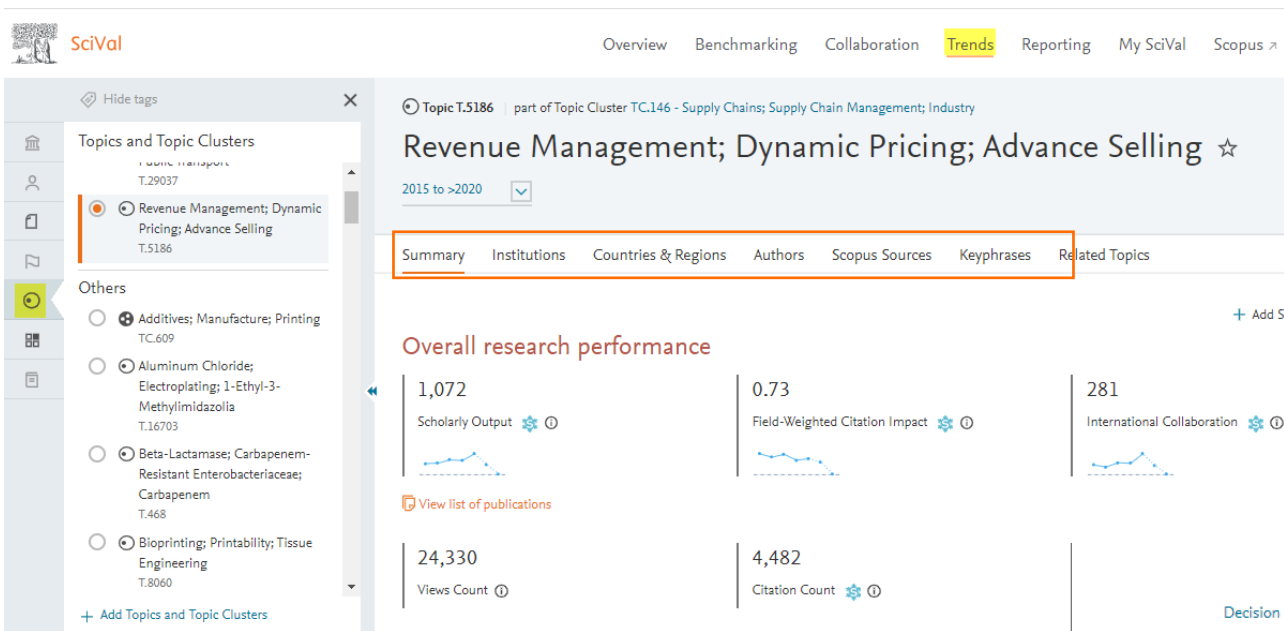
only show the 1,539 [Key Topics for this Institution](#)

Table Wheel Scatter All Topics Search

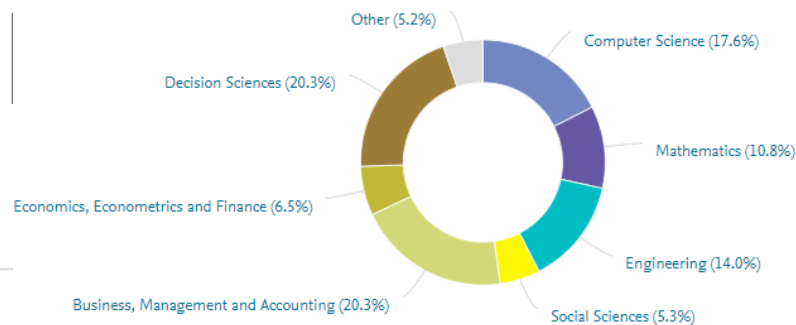
Add to panel Create Research Area Analyze as Group in Grants Prominence percentile over time

	At this Institution			Worldwide
Topic	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Object Detection; CNN; IOU T,4338	720	1.94%	5.64	99.998
Top Quark; Partons; Higgs Bosons	558	20.48%	4.09	99.789

查看研究主题Topic-通过Topic发现研究主题的学科交叉现状

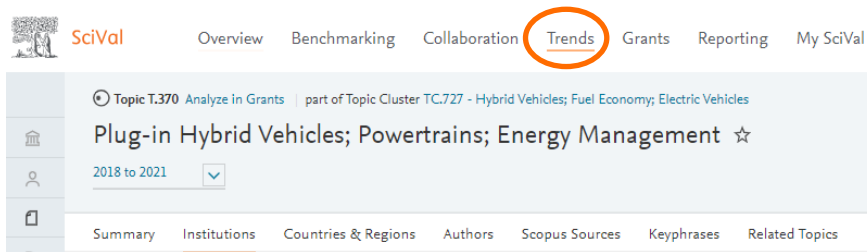


多学科交叉



Overview+topic/ summary

通过Topic发现研究主题的主要贡献者



主要机构

<input type="checkbox"/>	Institution ↑	Scholarly Output ↓	View
1.	Beijing Institute of Technology	205	
2.	Chongqing University	151	
3.	Jilin University	124	
4.	Tongji University	87	
5.	Tsinghua University	84	
6.	CNRS	81	
7.	Polytechnic University of Turin	58	
8.	Jiangsu University	57	
9.	University of Michigan, Ann Arbor	51	
10.	University of Waterloo	51	

主要作者

<input type="checkbox"/>	Author	Affiliation
1.	Liu, Yonggang	Chongqing University
2.	Hu, Xiaosong	Chongqing University
3.	He, Hongwen	Beijing Institute of Technology
4.	Chen, Zheng	Kunming University of Science and Technology
5.	Zeng, Xiaohua	Jilin University
6.	Emadi, Ali N.	McMaster University
7.	Anselma, Pier Giuseppe	Polytechnic University of Turin
8.	Chen, Werirong	Southwest Jiaotong University
9.	Hofman, Theo	Eindhoven University of Technology
10.	Wang, Weida	Beijing Institute of Technology
11.	Bouscayrol, Alan	Arts et Métiers ParisTech

Topic character

Keyphrase analysis Representative publications

Top 50 keyphrases by relevance, based on 3,087 publications | [Learn about keyphrase calculations >](#)

关键词云



A A A relevance of keyphrase | declining A A A growing (2018-2020)

代表作

Topic character

Keyphrase analysis Representative publications

Top 10 representative publications, published 2018 - 2021 | [Learn about Representative publications calculation >](#)

Publication

31	Improving fuel economy and performance of a fuel-cell hybrid electric vehicle (fuel-cell, battery, and ultra-capacitor) using optimized energy management strategy. Almadi, S., Barbaee, S.M.T., Housseinpour, A.H., (2018) Energy Conversion and Management, 160, pp. 74-84. View in Scopus >
29	Energy management strategies of connected HEVs and PHEVs: Recent progress and outlook. Zhang, F., Hu, X., Langari, R. and 1 more (2019) Progress in Energy and Combustion Science, 73, pp. 235-256. View in Scopus >
28	Optimization of energy management system for fuel-cell hybrid electric vehicles: Issues and recommendations. Sulaiman, N., Hannan, M.A., Mohamed, A. and 3 more (2018) Applied Energy, 228, pp. 2061-2079. View in Scopus >
27	Pontryagin's Minimum Principle based model predictive control of energy management for a plug-in hybrid electric bus. Xie, S., Hu, X., Xin, Z. and 1 more



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数据的导入和指标导出

SciVal
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1 向Scival中导入数据集

进入www.scival.com

SciVal Overview

> Deselect all Hide tags X

Publication Sets

Select all

- 0705-Geography (地理学)-UCAS-16-20
- 0811-NE-16-20
- 0811-TH-16-20

+ Add new

- Advanced search
- + Define a new Publication Set
- + Import a Publication Set

Clean this section

Import Publication Set X

1. Upload file or paste IDs 2. Save Publication Set

Upload file

Here you can import a list of publications IDs to be added to the Publication Set.
File format: plain text file with one ID per row (maximum 50,000).
Accepted ID types: DOI, PMID or EID

Paste IDs

Alternatively, you can paste the publication IDs (DOI, PMID, or EID) in the field below
(one ID per row, max. 50,000)

粘贴文献DOI或者EID列表*

Drop file here or click to upload.

Load IDs >

加载后保存数据集

*EID是scopus数据库的文献记录编码，可以从scopus中直接导出；Scopus同时支持导出DOI；利用DOI或者PMID也可以导入其它非scopus数据库的文献记录

2 从Scival导出文献指标



SciVal

Overview **Benchmarking** Colla

> Deselect all Hide tags

Publication Sets

Select all

- 0705-Geography (地理学)-UCAS-
-
-
-

1 选择分析对象：
机构、学者、文献集、
研究领域等

Benchmarking

2016 to 2020 All subject areas

Benchmark multiple metrics

Entity <input type="button" value="up"/>	Scholarly Output <input type="button" value="v"/>	Citation Count <input type="button" value="v"/>	Publication <input type="button" value="v"/>	Citation Impact <input type="button" value="v"/>
CAU-食品学院-all	159	8.9		1.39

2 点击发文量数字



Publications

Year range: 2016 to 2020

159 publications |

导出到excel文档

Authors	Title	Authors	Year	Scopus Source	Citations <input type="button" value="down"/>
<input type="checkbox"/> Gao, Y.	17				
<input type="checkbox"/> Luo, Y.	17				
<input type="checkbox"/> Huang, K.	16				
<input type="checkbox"/> Xu, W.	15				
<input type="checkbox"/> Liu, F.	11				
<input checked="" type="button" value="Show more"/>					
<input checked="" type="button" value="Institutions"/>					
<input type="checkbox"/> China Agricultural University	159				

Authors	Title	Year	Scopus Source	Citations
Liu, F., Ma, C., McClements, D.J. and 1 more	A comparative study of covalent and non-covalent interactions between zein and polyphenols in ethanol-water solution	2017	Food Hydrocolloids	83
Chen, Y., Cheng, N., Xu, Y. and 3 more	Point-of-care and visual detection of P. aeruginosa and its toxin genes by multiple LAMP and lateral flow nucleic acid biosensor	2016	Biosensors and Bioelectronics	65

3 文献列表页

导出到excel文档



Export publications

Select the fields you want to include in the export for your selected publications.

Select all | Deselect all | Reset to default selection

Publication basics	Publication details	Publication metrics	Scopus Source related	Topic related
<input checked="" type="checkbox"/> Title	<input type="checkbox"/> Reference	<input type="checkbox"/> Views	<input type="checkbox"/> Volume	<input type="checkbox"/> Topic Cluster name
<input checked="" type="checkbox"/> Authors	<input type="checkbox"/> Abstract	<input type="checkbox"/> Field-Weighted Views Impact	<input type="checkbox"/> Issue	<input type="checkbox"/> Topic Cluster number
<input checked="" type="checkbox"/> Year	<input checked="" type="checkbox"/> EID (Scopus ID)	<input checked="" type="checkbox"/> Citations	<input type="checkbox"/> Pages	<input type="checkbox"/> Topic name
<input checked="" type="checkbox"/> Scopus Source title	<input type="checkbox"/> PubMed ID	<input checked="" type="checkbox"/> Field-Weighted Citation Impact	<input type="checkbox"/> Article number	<input type="checkbox"/> Topic number
<input checked="" type="checkbox"/> DOI	<input type="checkbox"/> Number of Authors	<input checked="" type="checkbox"/> Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> ISSN	<input type="checkbox"/> Topic Cluster Prominence Percentile
<input checked="" type="checkbox"/> Publication type	<input type="checkbox"/> Scopus Author IDs	<input checked="" type="checkbox"/> Field-Weighted Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> Source ID	<input type="checkbox"/> Topic Prominence Percentile
<input checked="" type="checkbox"/> Open Access	<input type="checkbox"/> Scopus Affiliation IDs		<input type="checkbox"/> Source type	
<input type="checkbox"/> Institutions	<input type="checkbox"/> Scopus Affiliation names		<input checked="" type="checkbox"/> CiteScore in publication year	
	<input type="checkbox"/> Scopus Author ID First Author		<input checked="" type="checkbox"/> CiteScore percentile in publication year	
	<input type="checkbox"/> Scopus Author ID Last Author		<input type="checkbox"/> SNIP in publication year	
	<input type="checkbox"/> Scopus Author ID Corresponding Author		<input type="checkbox"/> SNIP percentile in publication year	
	<input type="checkbox"/> Scopus Author ID Single Author		<input type="checkbox"/> SJR in publication year	
	<input checked="" type="checkbox"/> Country/Region		<input type="checkbox"/> SJR percentile in publication year	

4 选择指标，导出到excel文档

1 各类分析对象对应的文献均可以导出

2 点击各模块下显示的发文量数字 (scholarly output) 即可打开文献列表页

3 并选择导出到excel文档

4 选择合适的指标导出数据

Export publications

Select the fields you want to include in the export for your selected publications. Last selected options are remembered.

Select all | Deselect all | Reset to default selection

Publication basics

- Title
- Authors
- Year
- Full date
- Scopus Source title
- DOI
- Publication type
- Open Access
- Institutions
- Number of Institutions
- Language

文献题录信息

Publication details

- Reference
- Abstract
- EID (Scopus ID)
- PubMed ID
- Sustainable Development Goals (2023)
- All Science Journal Classification (ASJC)
 - Code
 - Field name
- Quacquarelli Symonds (QS)
 - Code
 - Field name
- Times Higher Education (THE)
 - Code
 - Field name

文献出版细节
学科归属
SDG归属

Author/Affiliations

- Scopus Affiliation IDs
- Scopus Affiliation names
- Number of Authors
- Scopus Author IDs
- Scopus Author ID First Author
- Scopus Author ID Last Author
- Scopus Author ID Corresponding Author
- Scopus Author ID Single Author
- Country/Region

文献的作者、机构（及贡献）信息；
国际合作统计

Publication metrics

- Views
- Field-Weighted Views Impact
- Citations
- Field-Weighted Citation Impact
- Field-Citation Average
- Outputs in Top Citation Percentiles, per percentile
- Field-Weighted Outputs in Top Citation Percentiles, per percentile
- Patent citations
- Policy citations

文献多维计量指标：代表作遴选

Scopus Source related

- Volume
- Issue
- Pages
- Article number
- ISSN
- Source ID
- Source type
- CiteScore*
- CiteScore percentile*
- SNIP*
- SNIP percentile*
- SJR*
- SJR percentile*

期刊题录信息；
期刊影响力指标
citescore、SNIP
和SJR

Topic related

- Topic Cluster name
- Topic Cluster number
- Topic name
- Topic number
- Topic Cluster Prominence Percentile
- Topic Prominence Percentile

研究主题（簇）
及主题显著度

指标页详解

* in publication year

- Cancel
- Export CSV
- Export XLSX

1. 指标解释及计算示例

Harvard University
United States | More details
2017 to >2022 | All subjects

Summary Topics Rankings

Overall research performance

205,465 ▲
Scholarly Output ⓘ
63.5% All Open Access
View list of publications

4,077,337
Citation Count ⓘ

Metrics Guidance

SciVal Metric: Field-Weighted Citation Impact (FWCI)

Field-Weighted Citation Impact (FWCI) in SciVal indicates how the number of citations received by an entity's publications compares with the average.

[Example metric calculation...](#)

Scenario: The user would like to calculate the Field-Weighted Citation Impact of an entity that consists of 3 publications. They have not selected any viewing or calculation options.

Click [here](#) to see a PDF example of the Field-Weighted Citation Impact calculation.

Report from

Authors Patent Impact More... ▼

+ Add Summary to Reporting
+ Add

2.19
Field-Weighted Citation Impact ⓘ
Yearly breakdown

439
h5-index ⓘ

FWCI 计算示例(单学科/多学科)

5.8.4 Example 5: Field-Weighted Citation Impact

Scenario: The user would like to calculate the Field-Weighted Citation Impact of an entity that consists of 3 publications. They have not selected any viewing or calculation options.

Entity with 3 Publications					
Publication Identity	Publication 1	Publication 2	Publication 3		
Publication year (pub year)	2009	2010	2013		
Publication type	Article	Review	Erratum		
Journal Category(ies)	Immunology	Immunology	Parasitology	Parasitology	
Compute number of citations received by publications in entity.					
Step 1	• Actual citations received in pub year	2	12	0	
	• Actual citations received in 1st year after pub year	3	23	N/A (Example prepared in 2013)	
	• Actual citations received in 2nd year after pub year	13	28	N/A (Example prepared in 2013)	
	• Actual citations received in 3rd year after pub year	23	45	N/A (Example prepared in 2013)	
	• Actual citations received by the individual publication in pub year plus following 3 years	2 + 3 + 13 + 23 = 41	12 + 23 + 28 + 45 = 108	= 0	
Compute expected number of citations received by similar publications.					
Step 2	• Number of publications in database published in same year, of same type, and within same journal category as publication 1, 2, or 3	7,829.60	1,349.80	161.90	8.30
	• Total Citations received in pub year plus 3 years by all publications in the database published in same year, of same type, and within the same journal category as Publication 1, 2, or 3	141,665.20	35,770.80	2,161.50	0.00
	• Average citation per publication for all publications in database published in same year, of same type, and within the same journal category as Publication 1, 2, or 3	$141,665.20 / 7,829.60 = 18.09$	$35,770.80 / 1,349.80 = 26.50$	$2,161.50 / 161.90 = 13.35$	$0.00 / 8.30 = 0.00$
Step 3	• Use harmonic mean to compute expected number of citations for publications indexed in multiple journal categories		$2 / (1/26.50 + 1/13.35)$		

Impact Reporting My SciVal Scopus ↗



< Guidebooks

Quick Guide to SciVal:

English ↗

繁體中文 ↗

简体中文版 ↗

Research Metrics Guidebook ↗

更多指标解读请参考SciVal指标手册

SciVal Usage and Patent Metric Guidebook ↗

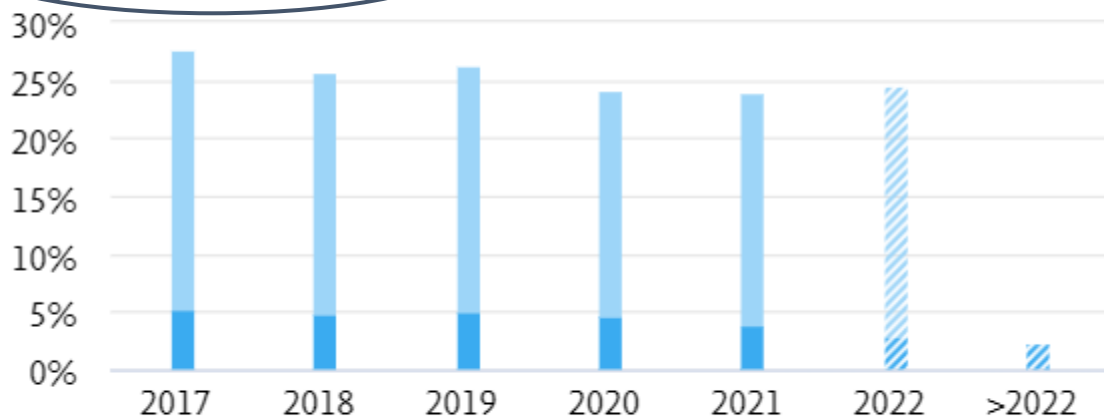
THE and QS Rankings Data Guidebook ↗

2. 指标阈值-科学透明的使用指标

Outputs in Top Citation Percentiles ①

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

Show as field-weighted



52,018 (25.3%)

number of publications

[View list of publications](#)

[Thresholds](#)

■ % of publications in top 10% most cited

■ % of publications in top 1% most cited

▨ Incomplete year [?](#)

Top citation 的计算方法:

按照当年发文的引用次数计算各百分位的阈值，超过各阈值引用次数的文献即为对应百分位的高被引文献

Citation thresholds



Citation thresholds for Outputs in Top Citation Percentiles

Publication type: all publication types

Thresholds update every week when new Scopus data has been retrieved.

Publication year	Top 1%	Top 5%	Top 10%	Top 25%
2023	2	1	-	-
2022	10	4	2	1
2021	33	13	8	4
2020	67	26	17	7
2019	85	35	22	10
2018	109	44	28	12
2017	127	51	32	14

Example: a publication is in the Top 1% most cited worldwide for 2023 in case it has received 2 citations or more.

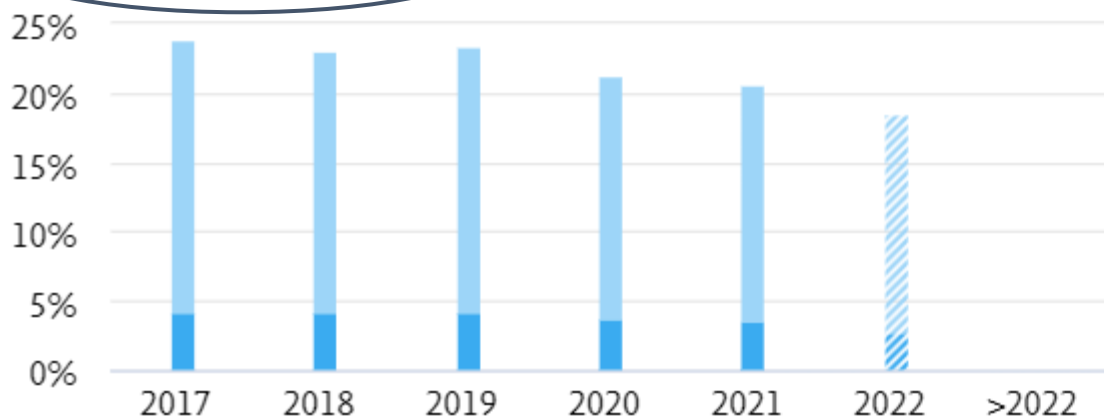
This thresholds table is also included in exports.

2. 指标阈值-科学透明的使用指标

Outputs in Top Citation Percentiles ⓘ

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

Show as field-weighted



■ % of publications in top 10% most cited

■ % of publications in top 1% most cited

▨ Incomplete year ⓘ

44,578 (21.7%)

number of publications in

[View list of publications](#)

[Thresholds](#)

Top citation (field weighted) 的计算方法：
按照当年发文的FWCI计算各百分位的阈值，超过
各阈值FWCI的文献即为对应百分位的高被引文献

FWCI thresholds



Field-Weighted Citation Impact thresholds for
Outputs in Top Citation Percentiles

Publication type: all publication types

Thresholds update every week when new Scopus data
has been retrieved.

Publication year	Top 1%	Top 5%	Top 10%	Top 25%
2023	27.46	-	-	-
2022	11.91	4.79	2.82	1.03
2021	9.09	3.84	2.44	1.15
2020	8.50	3.51	2.27	1.10
2019	8.21	3.55	2.34	1.16
2018	8.34	3.56	2.34	1.15
2017	8.33	3.57	2.36	1.16

Example: a publication is in the top 1% citation
percentile by Field-Weighted Citation Impact for 2023
in case the value for this metric is 27.46 or higher.

This thresholds table is also included in exports.

欢迎使用SciVal 科研分析工具

科学选择期刊

SciVal
www.scival.com



在 Scival中查看期刊



The screenshot displays the SciVal interface for the 'Journal of Comparative Economics'. On the left sidebar, a search bar contains 'Scopus Sources' with a circled '2' next to it. Below it, the 'Journal of Comparative Economics' is listed under 'Favorites'. The main content area shows the journal's name with a star icon and a 'Report from template' button. Below this, there are filters for the years '2015 to >2020' and 'All subject areas', along with the 'ASJC' category and a 'Data sources' link. A navigation bar below the filters includes 'Summary' (highlighted with an orange box), 'Topics', 'Publications', 'Authors', 'Institutions', and 'Related Sources'. The 'Summary' section contains 'Scopus Source metrics' with three columns of data: CiteScore 2019 (3.4), SJR 2019 (1.373), and SNIP 2019 (1.766). Below this is the 'Overall research performance' section with three columns: Scholarly Output (402), Authors (789), and Field-Weighted Citation Impact (1.00). At the bottom, there are two more metrics: Citation Count (2,882) and Citations per Publication (7.2). A circled '1' is placed on the left sidebar.

分析对象选择来源出版物
①，输入期刊名称②，进入scival期刊页面

- 期刊影响力指标
- 发文引用影响力
- 主要作者群

通过Topic了解期刊最关注的研究主题— 比Aim & Scope更聚焦

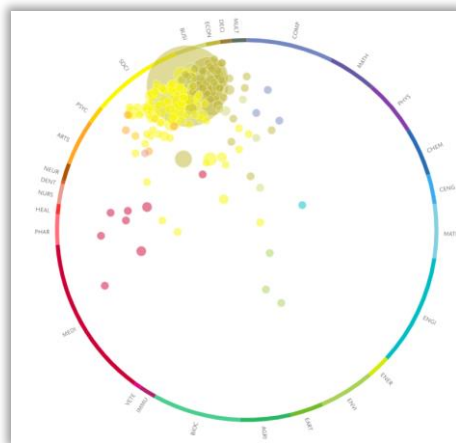
Journal of Comparative Economics

2015 to >2020 | All subject areas | ASJC

Summary **Topics** Publications Authors Institutions Related Sources

Scopus Source metrics

3.4	1.373	1.766
CiteScore 2019	SJR 2019	SNIP 2019



在期刊页面查看期刊的主要关注学科和学科交叉

41 publications | Save as Publication Set

Title	Authors	Year	Scopus Source	Citations
The role of institutions in finance course: Evidence from international data	Law, S.H., Kutan, A.M., Naseem, N.A.M.	2018	Journal of Comparative Economics	48
Language, culture and institutions: Evidence from a new linguistic dataset	Davis, L.S., Abdurazokzoda, F.	2016	Journal of Comparative Economics	37
Globalization and the transmission of social values: The case of tolerance	Berggren, N., Nilsson, T.	2015	Journal of Comparative Economics	36

了解该期刊各topic下发表的论文

Topic	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Ethnic Fractionalization; Institutional Quality; Multicultural Diversity T.11630	41	2.51%	0.95	96.047
Misallocation; Trade Li Heterogeneity T.5495				
Corruption; Bribes; An Measures T.2603				
Political Connections; Anti Corruption Campaign; Bank Loans T.23099	10	1.09%	2.44	96.234
Non-Tariff Measures; Trade Costs; Gravity Model T.2971	8	0.38%	0.53	96.872
Mixed Oligopoly; Privatization; State-owned Enterprises T.5765	8	1.11%	0.50	88.047

通过topic浏览期刊最关注的研究主题，研究热点

推荐相关期刊

Journal of Comparative Economics ★

View this Source in Scopus >

2015 to >2020 All subject areas ASJC

Summary Topics Publications Authors Institutions **Related Sources**

Scopus Source metrics

3.4	1.373	1.766
CiteScore 2019	SJR 2019	SNIP 2019

View more in Scopus >

Overall research performance

402	789	1.00
Scholarly Output	Authors	Field-Weighted Citation Impact

View list of publications

2,882	7.2
Citation Count	Citations per Publication

Journal of Comparative Economics ★

View this Source in Scopus >

2015 to >2020 All subject areas ASJC

Summary Topics Publications Authors Institutions **Related Sources**

Related Scopus Sources

Top 100 Scopus Sources by Scholarly Output in Economics, Econometrics and Finance: Econo...

Name	Scholarly Output	CiteScore 2019
Economist	14,520	0.0
International Journal of Biological Macromolecules	13,546	6.9
Applied Economics	2,759	1.9
Journal of Business Ethics	2,722	7.0
Economics Letters	2,619	2.1
Concurrences	2,493	0.0
Marine Policy	2,395	5.3
Resources, Conservation and Recycling	2,384	10.7
Applied Economics Letters	2,285	1.3
Energy Economics	2,173	8.9



ELSEVIER

发文量 期刊影响力

或者进入最相关的主题Topic查看特定领域主要发文期刊

Topic T.5186 | part of Topic Cluster TC.146 - Supply Chains; Supply Chain Management; Industry

Revenue Management; Dynamic Pricing; Advance Selling ☆

2015 to >2020 ▾

多指标查看期刊在本领域的规模、论文的影响力

Summary Institutions Countries & Regions Authors **Scopus Sources** Keyphrases Related Topics

<input type="checkbox"/>	Scopus Source	Scholarly Output ↓	Citation Count ↓	Field-Weighted Citation Impact ↓	Citation Count ↓
1. <input type="checkbox"/>	Journal of Revenue and Pricing Management	86	185	0.38	185
2. <input type="checkbox"/>	Management Science	49	745	2.06	745
3. <input type="checkbox"/>	European Journal of Operational Research	46	300	1.14	300
4. <input type="checkbox"/>	Operations Research	43	496	1.14	496
5. <input type="checkbox"/>	Production and Operations Management	38	284	0.95	284
6. <input type="checkbox"/>	Manufacturing and Service Operations Management	26	305	1.75	305
7. <input type="checkbox"/>	International Journal of Production Research	23	139	0.74	139
8. <input type="checkbox"/>	International Journal of Production Economics	22	147	2.04	147
9. <input type="checkbox"/>	Operations Research Letters	20	48	0.26	48
10. <input type="checkbox"/>	International Transactions in Operational Research	17	47	1.39	47



拖放列表中的期刊名称至左侧分析面板进一步分析

跳转到Scopus查看更多细节-view in scopus



SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

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Scopus



Hide tags



Scopus Sources



★ Favorites

Journal of Comparative Economics

Others

- Cell
- Cell Research
- Journal of Semiconductors
- Journal of the American Chemical Society
- Langmuir
- Molecular Plant
- Nano Energy
- Nature
- Reviews in Aquaculture
- Small

Journal of Comparative Economics ★

Report from template

View this Source in Scopus

2015 to >2020



All subject areas



ASJC

Data sources

Summary

Topics

Publications

Authors

Institutions

Related Sources

+ Add Summary to Reporting Export

Scopus Source metrics

+ Add to Reporting

3.4

CiteScore 2019

1.373

SJR 2019

1.766

SNIP 2019

View more in Scopus

Overall research performance

+ Add to Reporting

402

Scholarly Output

37.8% All Open Access

789

Authors

1.00

Field-Weighted Citation Impact

View list of publications

2,882

Citation Count

7.2

Citations per Publication



ELSEVIER

跳转到scopus期刊主页查看更多细节

The screenshot shows the Scopus journal page for 'Journal of Semiconductors'. The page includes the journal title, Scopus coverage years (2009 to Present), publisher (Institute of Physics Publishing), ISSN (1674-4926), and subject areas. A CiteScore 2020 of 2.9 is highlighted with an orange box. Below this, the SJR 2020 (0.418) and SNIP 2020 (0.537) are listed. The page also features a CiteScoreTracker 2021 section and a CiteScore rank 2020 table.

Source details

Journal of Semiconductors
Scopus coverage years: from 2009 to Present
Publisher: Institute of Physics Publishing
ISSN: 1674-4926
Subject area: Materials Science: Materials Chemistry, Engineering: Electrical and Electronic Engineering, Physics and Astronomy: Condensed Matter Physics, Materials Science: Electronic, Optical and Magnetic Materials
Source type: Journal

CiteScore 2020: 2.9
SJR 2020: 0.418
SNIP 2020: 0.537

CiteScore 2020: 2.9 = 1,848 Citations 2017 - 2020 / 648 Documents 2017 - 2020
CiteScoreTracker 2021: 3.7 = 1,952 Citations to date / 528 Documents to date

Category	Rank	Percentile
Materials Science		
Materials Chemistry	#128/292	56th
Engineering		
Electrical and Electronic Engineering	#319/693	53rd
Physics and Astronomy		
Condensed Matter Physics	#310/611	49th

- Citescore

- SJR

- SNIP

算法各异但都基于Scopus的文献和引用数据

Citescore 系列指标了解期刊

1 Citescore

- 点击查看文献和引文数据--公开透明便于追踪

2 Citescore Tracker

- 期刊影响力**预测**-当前年份更新到当前月的数据，按月更新--了解期刊最新的影响力趋势

3 Citescore Rank

- 期刊**学科排名**-二级学科中的位次和百分位

4 Citescore Trend

- 期刊影响力逐年变化**趋势**

来源出版物详情

Science Bulletin
 以前称为: Chinese Science Bulletin
 Scopus 涵盖范围年份: 从 2015 至今
 出版商: Elsevier
 ISSN: 2095-9273 E-ISSN: 2095-9281
 学科类别: (Multidisciplinary)
 来源出版物类型: 期刊

查看所有文献 > 设置文献通知 保存至来源出版物列表 Entitled Full Text Copac >

Citescore
SJR
SNIP

CiteScore 2022: 22.2
 SJR 2022: 2.902
 SNIP 2022: 2.230

CiteScore trend

CiteScore 2022: 22.2 = 21,025 引文 2019 - 2022 / 948 篇文献 2019 - 2022
 CiteScoreTracker 2023: 22.3 = 到目前为止 18,175 次引用 / 到目前为止 816 篇文献
 于 05 May, 2023 计算 最近更新于 07 June, 2023 - 按月更新

类别	排名	百分位
Multidisciplinary	#5/134	96th

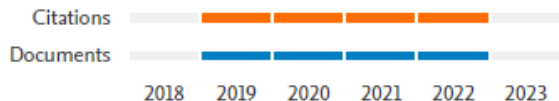
查看 CiteScore 的计算方法 > CiteScore 常见问题解答 > 将 CiteScore 添加到您的网站 >



* Citescore, SJR和SNIP都是期刊影响力指标, 算法各异但都基于Scopus的收录文献和引用数据

期刊影响力指标-CiteScore的定义

CiteScore2022



SJR

SNIP

- 引文计数（分子）和文献数（分母）保持**一致**，仅**统计经过同行评审的出版物**：文章、综述、会议论文、图书章节、数据论文（**不包括**非同行评审的文章类型，如社论、新闻条目、快报和笔记）。
- 引文计数将从发表年份起**累积至计算窗口结束，最长可达四年**。这意味着出版物在此期间收到的所有引用都将被计入CiteScore，从而进行更加有力的期刊影响力评估。此前，引文计数仅统计过去一年的引用数量。
- CiteScore涵盖了包括统计年份在内的四年里发表的所有刊物。这意味着**出版仅一年的期刊也能拥有CiteScore**，让许多新期刊——包括很多开放获取期刊——可提前一年收获影响力指标。
- 基于行业最佳实践，CiteScore保留至**小数点后一位**



<https://www.scopus.com/sources>
查看27000+ Scopus收录的连续出版物的影响力指标

欢迎使用SciVal 科研分析工具

查看合作表现

SciVal
www.scival.com



Harvard University ☆

United States [More details on this Institution](#)

2018 to 2023

All subject areas

ASJC

[Report from template](#)

[Data sources](#)

Summary Topics Rankings **Collaboration** Published Viewed Cited Authors Patent Impact Media Impact Awarded Grants

Overall [Top collaborating Institutions](#)

Collaboration 国际合作

[Metric guidance](#) [+ Add to Reporting](#) [Export](#) [Shortcuts](#)

International, national and institutional collaboration by Harvard University in the selected year range.



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	47.7%	99,033	2,548,875	25.7	2.66
Only national collaboration	36.4%	75,625	1,231,077	16.3	1.88
Only institutional collaboration	9.6%	19,924	261,536	13.1	1.43
Single authorship (no collaboration)	6.4%	13,258	77,965	5.9	1.02



研究影响力

Academic-Corporate Collaboration 产学合作

[Metric guidance](#) [+ Add to Reporting](#) [Export](#) [Shortcuts](#)

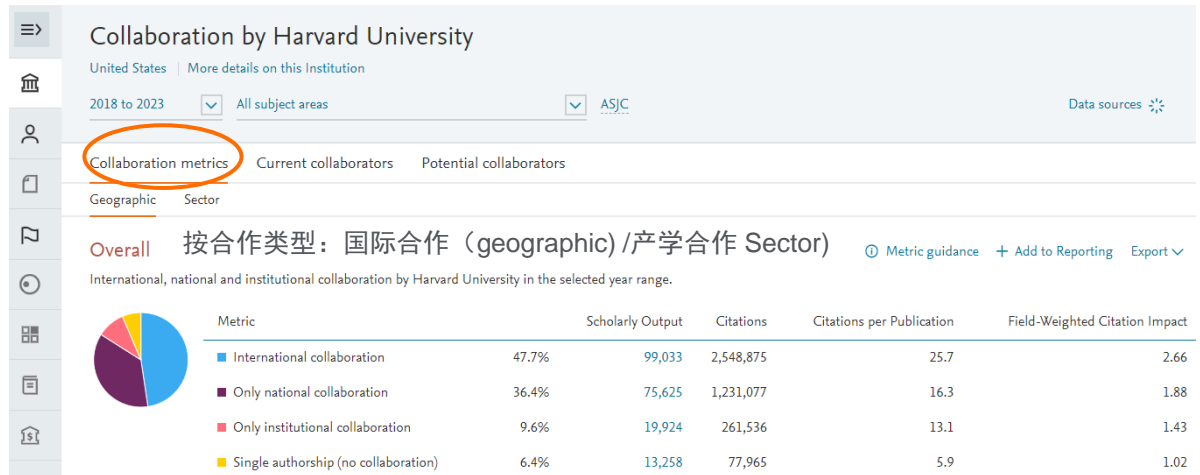
Academic-corporate collaboration by Harvard University in the selected year range.



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
Academic-corporate collaboration	7.4%	15,298	685,202	44.8	4.63
No academic-corporate collaboration	92.6%	192,542	3,434,251	17.8	1.96

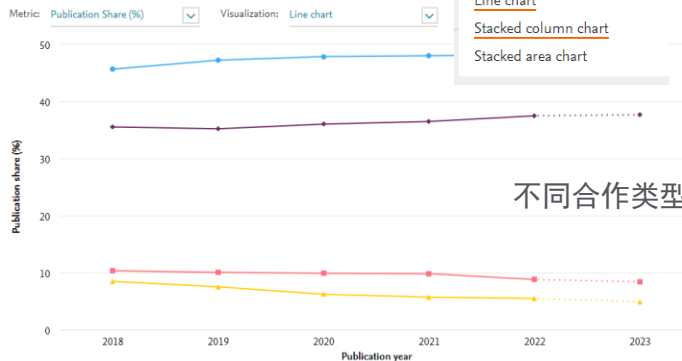
合作分析

Collaboration 模块/概览



Yearly breakdown

International, national and institutional collaboration by Harvard University over time.



不同合作类型的趋势及可视化呈现

- Publication Share (%)
- Scholarly Output
- Citation Count
- Citations per Publication
- Field-Weighted Citation
- Impact

- Line chart
- Stacked column chart
- Stacked area chart

合作分析

Collaboration 模块/ 当前合作分析

SciVal Overview Benchmarking **Collaboration** Trends Grants Impact Reporting My SciVal Scopus ?

Collaboration by Harvard University

United States | More details on this Institution

2018 to 2023 | All subject areas | ASJC | Data sources

Collaboration metrics **Current collaborators** Potential collaborators

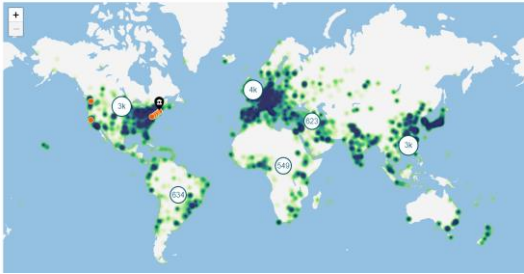
Institutions collaborating with Harvard University

Worldwide | All countries/regions | All sectors | All authors

11,512 collab | 选择国家和地区 | authored publications | 合作作者数量筛选 (去除大型国际项目研究)

Table | **Map**

Metric guidance | Add to Reporting | Export | Shortcuts | Find Institution



Institution	Co-authored publications	Field-Weighted Citation Impact
USA Massachusetts Institute of Technol	15,016 ▲	3.51
USA Beth Israel Deaconess Medical Cen	11,627 ▲	2.23
USA Dana-Farber Cancer Institute	9,598 ▲	3.11
USA Stanford University	9,277 ▲	4.40
USA University of Pennsylvania	9,247 ▲	4.03
USA Johns Hopkins University	8,901 ▲	4.65

已有合作者分析

Collaboration with the National University of Singapore

Year range: 2017 to 2023 | Author numbers: ≤ 50 authors

Shortcuts ▾

Research Performance Areas of collaboration Current co-authors Potential co-authors

Overall Yearly breakdown



Metric guidance + Add to Reporting Export ▾

Shanghai Jiao Tong University

922 ▲
co-authors with the National University of Singapore

1.29

Field-Weighted Citation Impact

Co-authored National University of Singapore

945 ▲
publications

930 ▲
co-authors with Shanghai Jiao Tong University

2.26

Field-Weighted Citation Impact

1.85

Field-Weighted Citation Impact

Authors	89,349 ▲	–	33,452 ▲
Scholarly Output	131,552 ▲	–	70,636 ▲
Views count (from Scopus)	2,817,555	39,029	1,798,437
Field-Weighted Views Impact	1.12	1.83	1.25
Citation Count	1,528,399	20,777	1,223,954

Show more

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SciVal Collaboration/Current collaboration/National University of Singapore

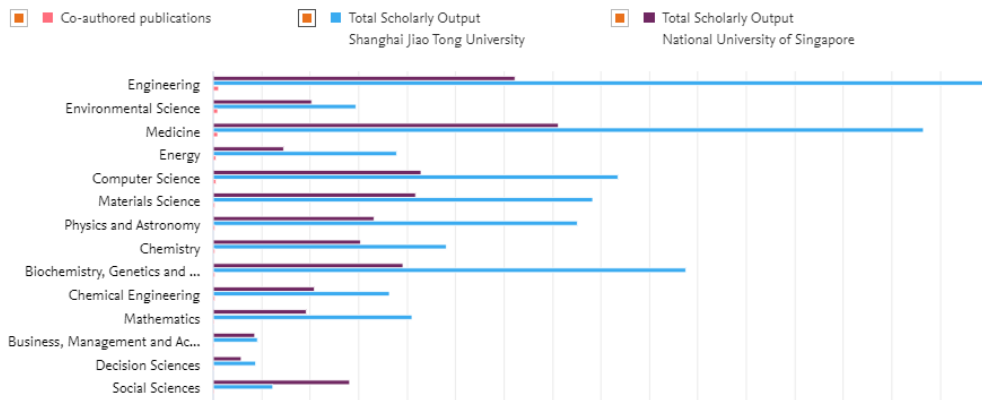
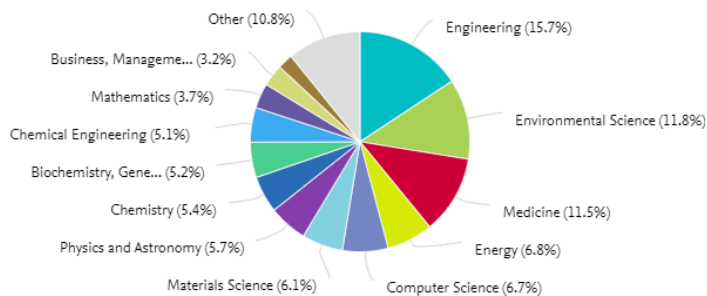
合作领域分析

Research Performance **Areas of collaboration** Current co-authors Potential co-authors

Co-authored publications by Subject Area

+ Add to Reporting Exp

Pie chart Bar chart



- 合作集中在工程、环境、医学、能源等学科领域
- 在社会科学，管理学和人文社科等学科还可以加强合作




双方已合作科研人员分析

Research Performance Areas of collaboration **Current co-authors** Potential co-authors


Shanghai Jiao Tong University

Co-authors with the National University of Singapore

Author	Co-authored publications	Citations 
<input type="checkbox"/> > Dai, Yanjun	82	2,140
<input type="checkbox"/> > He, Yiliang	69	1,885
<input type="checkbox"/> > Zhang, Jingxin	33	687
<input type="checkbox"/> > Wang, Jiguang	28	398
<input type="checkbox"/> > Liu, Xiao	20	152
<input type="checkbox"/> > Ginhoux, Florent	18	964
<input type="checkbox"/> > Zhang, Bo	13	515

National University of Singapore

Co-authors with Shanghai Jiao Tong University

Author	Co-authored publications	Citations 
<input type="checkbox"/> > Tong, Yen Wah	70	2,106
<input type="checkbox"/> > Wang, Chihwa	68	1,885
<input type="checkbox"/> > Gin, Karina Yew Hoong	62	1,425
<input type="checkbox"/> > Zhang, Le	32	622
<input type="checkbox"/> > Loh, Kaichee	31	1,018
<input type="checkbox"/> > Teo, Boon Wee	26	387
<input type="checkbox"/> > Koh, Woon Puay	18	409



在Benchmarking中查看合作相关指标

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Trends

Grants

Impact

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Benchmarking

1996 to >2023



All subject areas



ASJC

Data sources

All Metrics

Rankings Metrics



Metric guidance + Add to Reporting

Benchmark multiple metrics

Reset to one metric over time



Metric value: Low

Entity ↑	Scholarly Output ↓	Citation Count ↓	Output in Top 1% Citation Percentiles (%) ↓	Field-Weighted Citation Impact ↓	International Collaboration (%) ↓	Academic-Corporate Collaboration (%) ↓	Patent-Citations per Scholarly Output ↓	Policy Cited Scholarly Output ↓
Harvard University	636,782	37,605,530	5.3	2.36	38.7	6.5	1,054.6	83,715
Massachusetts Institute of Technology	227,158	14,617,460	6.0	2.53	42.8	9.5	1,436.5	14,227
University of Oxford	299,055	13,839,110	3.8	2.20	52.6	5.5	465.7	38,118



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Overview Benchmarking Collaboration Trends Grants **Impact** Reporting My

Harvard University ☆
United States | More details on this Institution

2018 to 2022 | All subject areas | ASJC

Summary Policy Cited Scholarly Output Citing Policy Documents

Summary metrics

14,372 Policy Cited Scholarly Output View list of publications Analyze in more detail	被政策引用的文献数	29,083 Citing Policy Documents View list of policy documents	引用的政策文件数	1,003 Policy Bodies View list of Policy Bodies	政策主体机构
8.0% Policy Cited Scholarly Output 14,372 of 179,865 publications	被政策引用的文献占比	52,322 Policy Citations	政策引用次数	100 Citing Policy Body Countries	政策引用主体国家数量

- 可查看**各类**分析对象的政策引用
- 政策主体的国家分布, 被政策引用的文献和施引的政策文献信息, 详见SciVal/Impact 页面

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在Benchmarking中查看政策引用相关指标

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Benchmarking

1996 to >2023 ▼ All subject areas ▼ ASJC Data sources

All Metrics Rankings Metrics

Table Chart Metric guidance + Add to Reporting Export

Benchmark multiple metrics Reset to one metric over time Heatmap
Metric value: Low High

Entity	Publication Count	Output in Top 1% Citation Percentiles (%)	Field-Weighted Citation Impact	International Collaboration (%)	Academic-Corporate Collaboration (%)	Patent-Citations per Scholarly Output	Policy Cited Scholarly Output	Citing Policy Documents
Harvard University	505,530	5.3	2.36	38.7	6.5	1,054.6	83,715	171,088
Massachusetts Institute of Technology	517,460	6.0	2.53	42.8	9.5	1,436.5	14,227	73,995
University of Oxford	339,110	3.8	2.20	52.6	5.5	465.7	38,118	100,447

查看政策引用指标

Add and manage metrics

Metrics to add

Search

Show as field-weighted Show as: Percentage Total value

Include self-citations Include all publication types

Citing Policy Documents Other options: Publication Years of Policy Documents.

Policy Cited Scholarly Output Types of publications included: all.

在Benchmarking中查看政策引用相关指标



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1996 to >2023 All subject areas



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Data sources

查看作者的政策引用指标



All Metrics Rankings Metrics



Table Chart

Metric guidance + Add to Reporting Export



Benchmark multiple metrics Reset to one metric over time

Heatmap

Metric value: Low High

查看政策引用指标

Entity ↑

Publication Count ↓

Output in Top 1%
Citation Percentiles
(%) ↓

Field-Weighted
Citation Impact ↓

International
Collaboration (%) ↓

Academic-Corporate
Collaboration (%) ↓

Patent-Citations per
Scholarly Output ↓

Policy Cited
Scholarly Output ↓

Citing Policy
Documents ↓

Wang, Ruzhu

39,284

2.5

1.28

13.9

1.5

179.1

26

50



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