



# SciVal

SciVal

[www.scival.com](http://www.scival.com)

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Scival

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IP

SciVal

Science direct

Scopus



08.10.2023

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# Welcome to SciVal

**Overview**

Get a quick overview of your research performance and trends.

**Benchmarking**

Compare your research performance against peers and institutions.

**Collaboration**

Identify potential research partners and collaborative opportunities.

**Trends**

Explore research trends and emerging topics in your field.

**Grants**

Track your research funding and identify new grant opportunities.

**Reporting**

Generate custom reports and visualizations for your research.

Climate Action (2021) | [View more](#)

Research Areas provided by SciVal: COVID-19 Research | SDG 13: C

scopus

**First name**

**Are you a Researcher?**

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

**Last name**

**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.

## Webinars

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

[SciVal intro and data behind SciVal](#)

[Researchers and Publication Sets](#)

1. [Introduction to SciVal](#)

2. [Working with entities](#)

3. [Metrics in SciVal](#)

[View all](#)



# overview

The screenshot displays the SciVal website interface. At the top left is the SciVal logo, which includes a tree icon and the text "SciVal". To its right is a navigation menu with the following items: "Overview" (highlighted with an orange border), "Benchmarking", "Collaboration", "Trends", "Reporting", "My SciVal", "Scopus", a question mark icon, a building icon, and a circular profile icon labeled "TY".

Below the navigation menu is a dark blue banner with the text "Welcome to SciVal". Underneath this banner are five main content cards, each with an icon and a title:

- Overview:** Features a pie and bar chart icon. The text below the icon reads: "Get a high-level overview of the research performance of your institution, department, or individual researchers." Below this is a green button labeled "Go to Overview >".
- Benchmarking:** Features a line graph icon. The text below the icon reads: "Compare and benchmark your Institution to other institutions in your field." Below this is a green button labeled "Go to Benchmarking >".
- Collaboration:** Features a network diagram icon. The text below the icon reads: "Explore the collaboration network of both your institution and your researchers." Below this is a green button labeled "Go to Collaboration >".
- Trends:** Features a bar chart with an upward arrow icon. The text below the icon reads: "Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars." Below this is a blue button labeled "Go to Trends >".
- Reporting:** Features a document icon. The text below the icon reads: "Create rich Reports specifically tailored to support your institution's distinct research strategy." Below this is a blue button labeled "Go to Reporting >".

The background of the lower section of the dashboard features abstract green and blue circular patterns.

1.

overview

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 define a new researcher



### Define a new Researcher

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

2)

**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



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2.



SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My



Wang, Ruzhu ☆



Highly Cited Chinese Researcher 2022

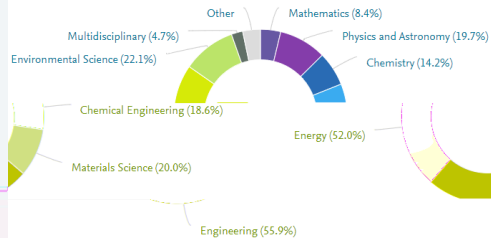


CHN Shanghai Jiao Tong University ... Show all affiliations | View in Scopus | Is this you?

2018 to 2023

All subject areas

ASIC



Summary Topics Collaboration Published Viewed Cited Patent Impact



Overall research performance

7,415

381

FWCI\* 1.48

18.7% All Open Access

Yearly breakdown

[View list of publications](#)

35

h5-index

19.5

Citations per Publication

94

h-index

H5



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# FWCI-

## Field-Weighted Citation Impact (FWCI)

FWCI > 1, 表示

比 全球平均

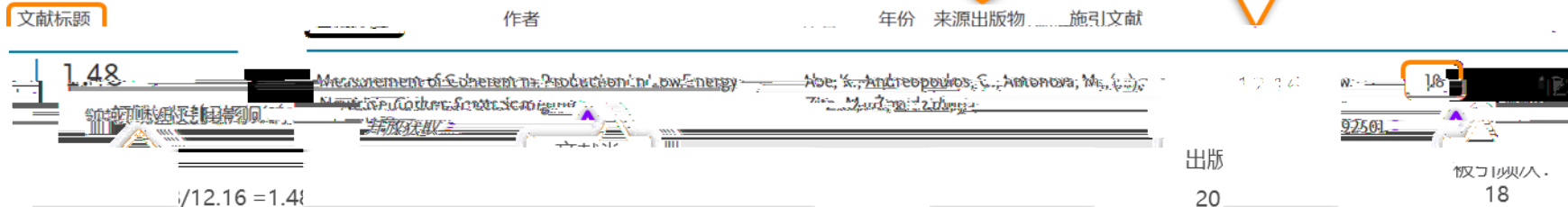
2.15

FWCI=2.15

FWCI=1 115%

期刊所在学科:  
Physics and Astronomy:  
General Physics and Astronomy

2016年在该学科发表的文章篇均被引频次



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3.

# Topics

Scopus

Wang, Ruzhu ☆

Highly Cited Chinese Researcher 2022

Data sources

2018 to 2023 All subject areas ASJC

Summary Topics Collaboration Published Viewed Cited Patent Impact

### 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 percentile over time Tag

**By this Researcher**

Topic	Scholarly Output
Topic	120
Adsorption; Refrigeration; Cooling Systems	120
T.1779	

Field-Weighted Citation Impact: 1.65

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**Prominence**

- 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



3.

# Topics-

Wang, Ruzhu  
2018 to 2023 All subject areas

## Topics & Topic Clusters

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- 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 Collaboration **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

Metric guidance Add to Reporting Export

Metric value: Low High Heatmap

Top 500 authors in this Topic, by Scholarly Output

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



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Wang, Ruzhu  
2018 to 2023  All subject areas

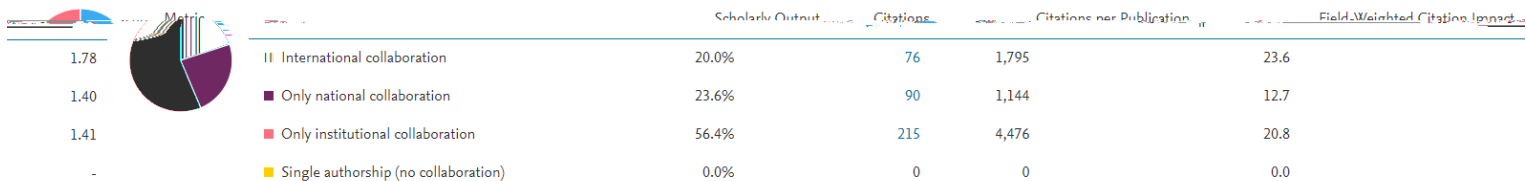
Summary Topic **Collaboration** Published Viewed Cited Patent Impact

Overall Top collaborating Institutions

## Collaboration

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

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

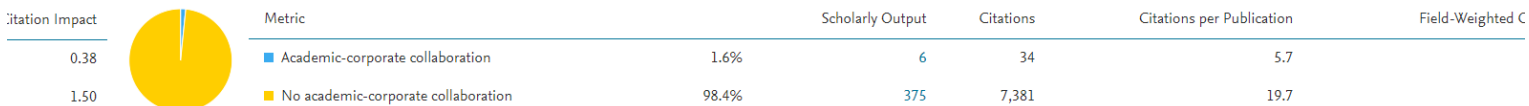


[Shortcuts](#)

## Academic-Corporate Collaboration

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

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



# 爱思唯尔-思唯学院-SciVal 资源中心



思唯学院 科研

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科研公开课

人才服务

学科建设

## SciVal

科研先机

“数”析全球学科、热点、人才，把握

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

## SciVal

系列讲座



· 讲座回放 | 通过SciVal建立全球科研视野

应用案例



· 北京航空航天大学: 利用SciValTopic辅助科研选题

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

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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**

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**

SciVal Usage and Patent Metrics Guidebook

THE and QS Rankings Data Guidebook

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### What's new in this release? **2**

Last updated on January 25, 2022

January 2022	Action release: January 2022
November 2021	Zakrzewska release: November 2021
October 2021	Yushchenko release: October 2021
September 2021	Xie release: September 2021

科研情报管理  
SciVal  
快速使用指南 **3**

Research Metrics Guidebook

Research Metrics  
Guidebook **4**

**Scival**





9:00-12:00 13:00-18:00)

support.china@elsevier.com ,

400-842-6973

[https://mp.weixin.qq.com/s/L07J316c4X\\_lhp-c8i5GCA](https://mp.weixin.qq.com/s/L07J316c4X_lhp-c8i5GCA)

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96000  
THE QS  
/

Scopus [www.scopus.com](http://www.scopus.com)  
7,000 26,000 **1140** 1100  
23 5 4600 1788  
Scopus 95000+ 1700  
Scopus 5



Thank you

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