

學術指標「評」什麼 以WoS及Scopus為例

臺大圖書館學科服務組

蘇筱喻

2024.03.28





PERFORMANCE
INDICATORS

何謂學術指標

評鑑學術表現的指標

書目計量

- ✓ 依據文獻數量及被引用次數為基礎
- ✓ 引用的概念：假定該篇文獻對該領域有重要影響力
- ✓ 當引用次數越高，影響力越大
- ✓ 文章平均被引次數定義：特定時期之特定主題總引用次數，除以論文總數

同儕評鑑

- ✓ 透過同一領域的學者專家來評審
- ✓ 確保學者的著作表現符合該學術領域標準

評鑑學術表現的指標

書目計量

- ✓ 仰賴引文索引資料庫之數據
- ✓ 假定國際期刊論文具有「較佳的研究品質」
- ✓ 客觀的計算方式，例如：發表總量、被引次數等
- ✓ 缺點：引文索引資料庫僅側重英文出版之國際期刊

同儕評鑑

- ✓ 可綜合評估多項表現，如：永續發展目標SDGs等
- ✓ 缺點：評審者的判斷可能因自身具備之知識層次不足、主觀認知或其他因素影響

書目計量

評比工具

➤ 引文索引資料庫 Citation Index

Science
Social Science
Arts & Humanities
Emerging Sources
Taiwan
Chinese Science

索引
Citation Index
引文

書目計量

評比工具

➤ 引文索引資料庫 Citation Index



書目計量

評比標的



文章評比

期刊評比

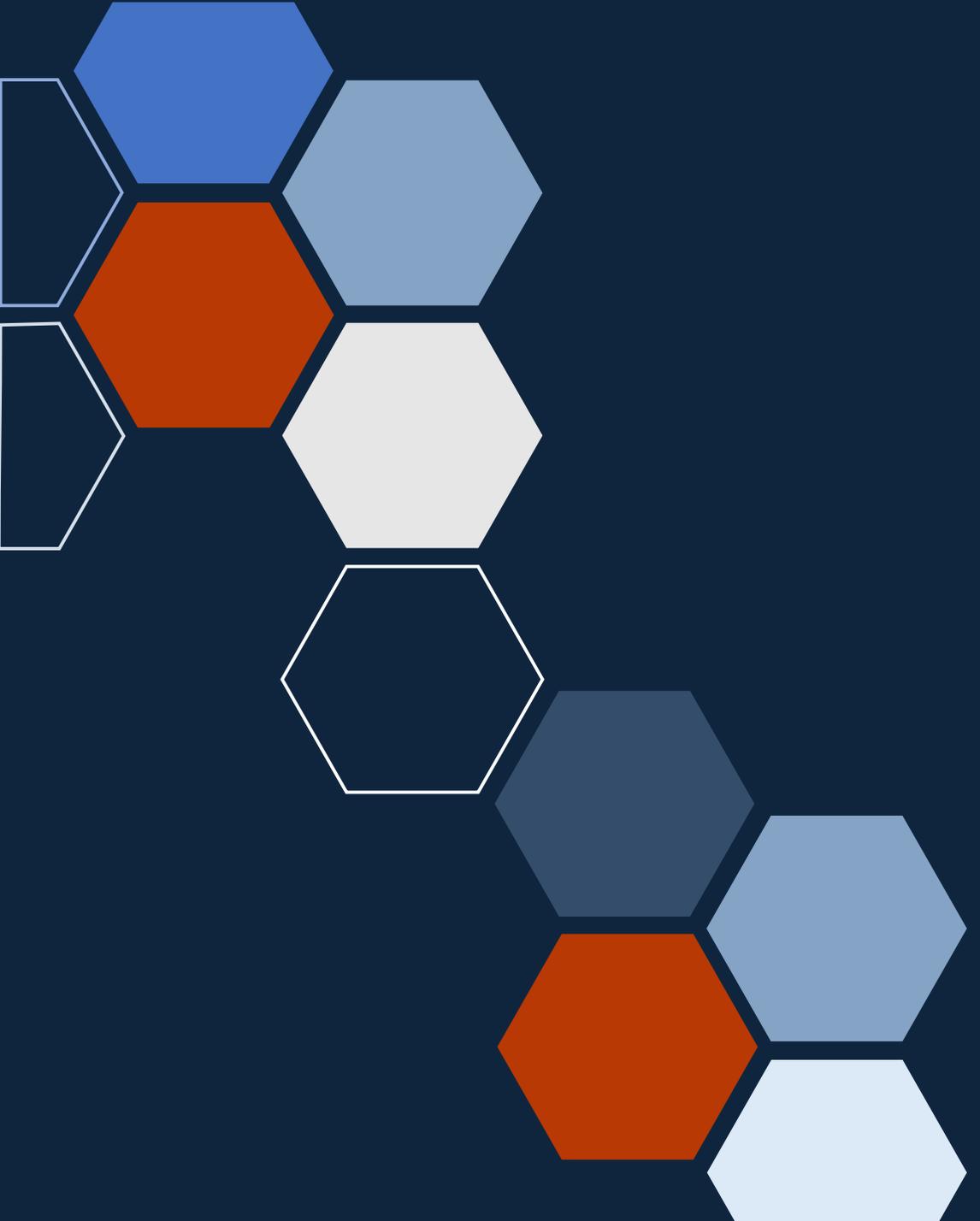


作者評比



機構評比





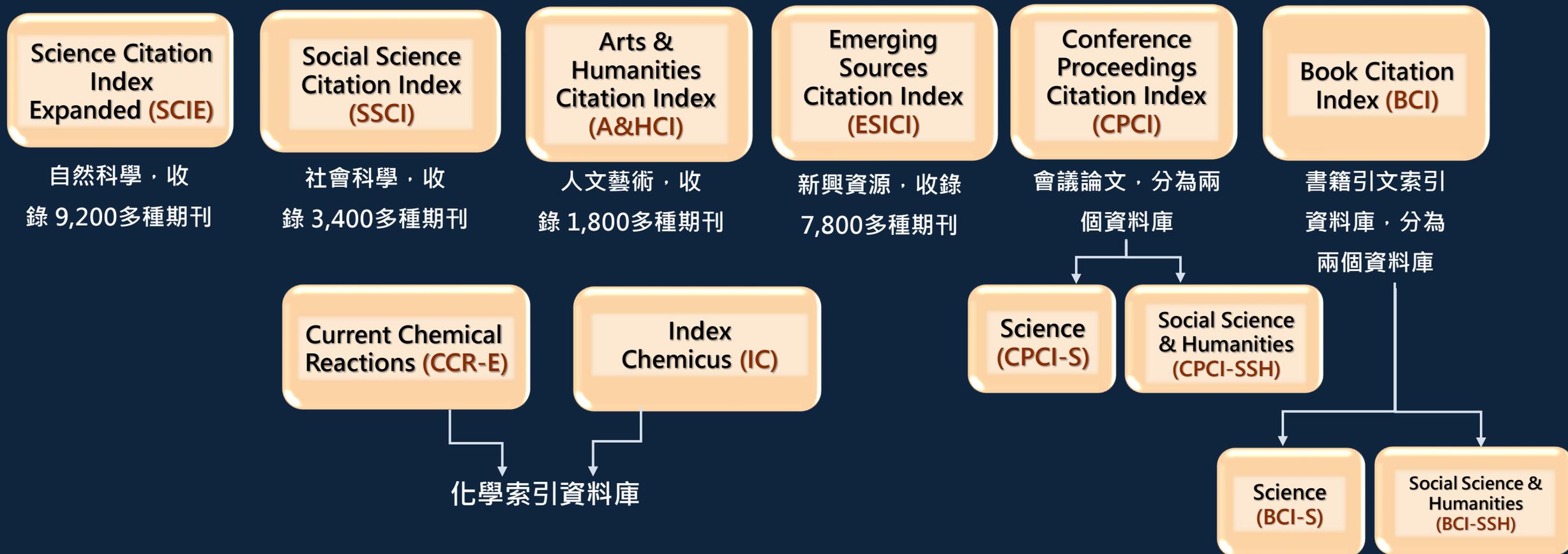
常見的引文索引資料庫

Web of Science (WoS)

➤ Web of Science (WoS) 核心合輯

- ✓ 由科睿唯安製作的綜合性、多學科、核心期刊之「引用文獻索引資料庫」
- ✓ 包含10個索引資料庫，收集數千種學術期刊、書籍和研討會資訊
- ✓ 其中SCIE、SSCI或A&HCI，經常被作為學術評比之用
- ✓ 旗下產品含Web of Science (WoS)、Journal Citation Reports (JCR)、Essential Science Indicators (ESI) 及 Endnote

➤ Web of Science (WoS) 核心合輯



延伸閱讀 (一分鐘充電站) : [SCIE與ESCI有何不同?](#)

The screenshot shows the top navigation bar with links for 'Master Journal List', 'Search Journals', 'Match Manuscript', 'Downloads', and 'Help Center'. There are also 'Login' and 'Create' buttons. The main heading reads 'Browse, search, and explore journals indexed in the Web of Science'. Below this is a descriptive paragraph about the Master Journal List. A search bar is present with the placeholder text 'Search Journal, ISSN or title word...' and a 'Search Journals' button. A section titled '免費資源' (Free Resources) includes a 'Match Manuscript' button and a description of the Manuscript Matcher tool.

Master Journal List Search Journals Match Manuscript Downloads [Help Center](#) Login Create

Browse, search, and explore journals indexed in the *Web of Science*

The *Master Journal List* is an invaluable tool to help you to find the right journal for your needs across multiple indices hosted on the *Web of Science* platform. Spanning all disciplines and regions, *Web of Science Core Collection* is at the heart of the *Web of Science* platform. Curated with care by an expert team of in-house editors, *Web of Science Core Collection* includes only journals that demonstrate high levels of editorial rigor and best practice. As well as the *Web of Science Core Collection*, you can search across the following specialty collections: *Biological Abstracts*, *BIOSIS Previews*, *Zoological Record*, and *Current Contents Connect*, as well as the *Chemical Information* products.

Search Journal, ISSN or title word... **Search Journals**

免費資源

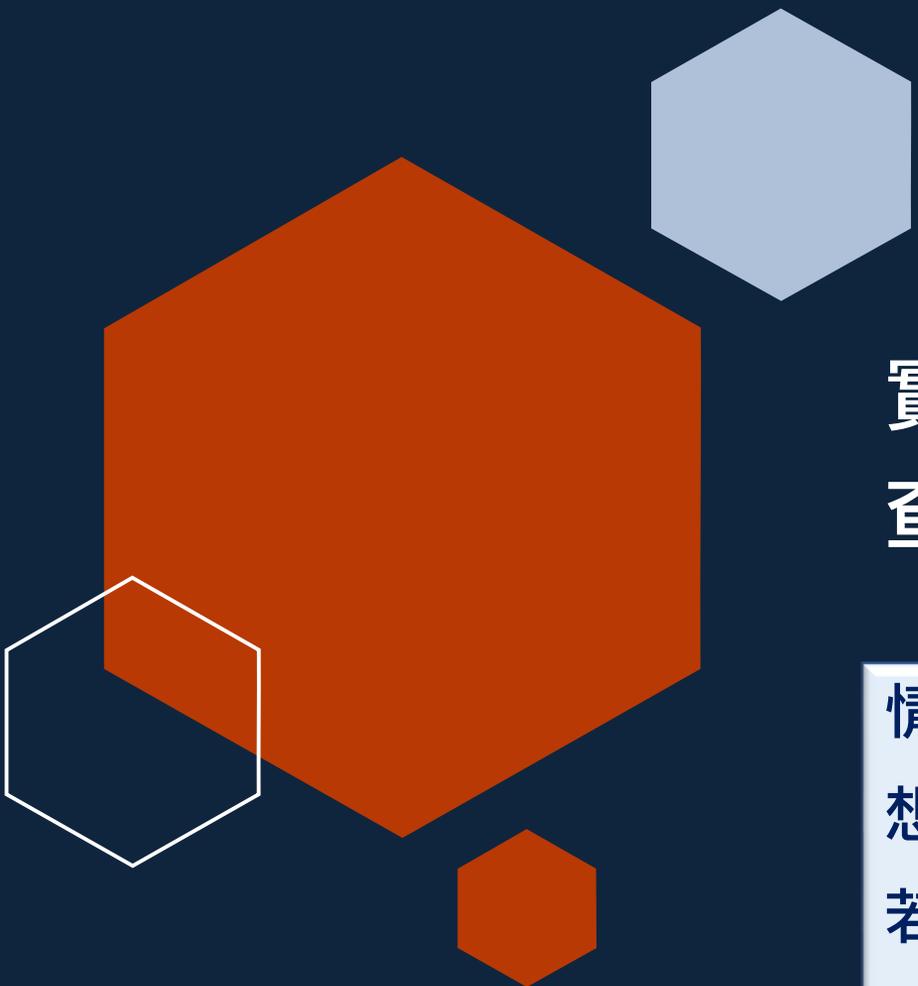
Already have a manuscript?

Find journals where your research is most likely to be accepted based on an analysis of tens of millions of citation connections in *Web of Science Core Collection* using Manuscript Matcher.

Match Manuscript

- 💡 WoS資料庫可查
- 💡 JCR資料庫可查
- 💡 亦可查找出版社提供的
Master Journal List

延伸閱讀（一分鐘充電站）：
怎麼確認期刊是SCIE或SSCI期刊？



用WoS資料庫
查文章評比

實機操作：
查詢「研究領域」以分析學術表現

情境：

想查看光學領域被引次數較高的文章？

若只論近2年表現，是否可看出重要文獻？

WoS資料庫

搜尋欄位介紹

The screenshot shows the Web of Science search interface with three callout boxes highlighting specific search fields:

- Callout 1 (Left):** Lists search fields with checkmarks and Chinese labels: "Publication Titles" (期刊名稱), "Affiliation" (機構), and "Publisher".
- Callout 2 (Middle):** Lists search fields with checkmarks and Chinese labels: "Address" (地址) and "Author Identifiers" (作者識別碼).
- Callout 3 (Right):** Lists search fields with a checkmark and Chinese label: "Web of Science Categories" (WoS領域).

WoS資料庫

DOCUMENTS

RESEARCHERS

Search in: Web of Science Core Collection Editions: All

DOCUMENTS

CITED REFERENCES

STRUCTURE

Web of Science Categories

Optics

+ Add row

+ Add date range

Advanced search

× Clear

Search

Web of Science™ Search Sign In ▼ [Register](#)

Search > Results for Optics (Web of Science Categories)

843,617 results from Web of Science Core Collection for:

[Analyze Results](#) [Citation Report](#) [Create Alert](#)

Optics (Web of Science)

[Add Key](#)

Publications

Refine results

Search within results...

Click Filters

<input checked="" type="checkbox"/>	Highly Cited Papers	1,774
<input checked="" type="checkbox"/>	Hot Papers	48
<input type="checkbox"/>	Review Article	8,778
<input type="checkbox"/>	Open Access	36,587
<input type="checkbox"/>	Open Access	220,350
<input type="checkbox"/>	Enriched Cited References	52,174
<input type="checkbox"/>	Open publisher-invited reviews	2

[Exclude](#) [Refine](#)

Highly Cited Papers
過去 10 年間，各領域被引用次數最高的前 1% 的文章

Hot Papers
過去 2 年間，各領域被引用次數最高的前 0.1% 的文章

1 [Secured communication of multiple compressed infrared images using 6D hyper-chaotic encryption](#)

[Das, BDC; Patra, A; \(...\); Sikder, SS](#)

Feb 7 2024 Feb 2024 (Early Access) | [JOURNAL OF OPTICS-INDIA](#)

[Enriched Cited References](#) 26 References

Transmission of images over a long distance is a need of the day for different applications. As a lot of information is carried by high-resolution images, huge bandwidth is required to transmit them. So, to make efficient transmissions, compression of images is very important. Again, images involved in various applications carry confidential informatio ... [Show more](#)

[Fulltext@NTU](#) [Full Text at Publisher](#) ... [Related records](#) ?

Robust and adaptable quantum key distribution network without trusted nodes

By Fan-Yuan, GJ (Fan-Yuan, Guan-Jie) [1], [2], [3]; Lu, FY (Lu, Feng-Yu) [1], [2], [3]; Wang, S (Wang, Shuang) [1], [2], [3]; Yin, ZQ (Yin, Zhen-Qiang) [1], [2], [3]; He, DY (He, De-Yong) [1], [2], [3]; Chen, W (Chen, Wei) [1], [2], [3]; Zhou, Z (Zhou, Zheng) [1], [2], [3]; Wang, ZH (Wang, Ze-Hao) [1], [2], [3]; Teng, J (Teng, Jun) [1], [2], [3]; Guo, GC (Guo, Guang-Can) [1], [2], [3]; ...More

[View Web of Science ResearcherID and ORCID](#) (provided by Clarivate)

Source **OPTICA**

Volume: 9 Issue: 7 Page: 812-823

DOI: 10.1364/OPTICA.458937

Published JUL 20 2022

Citation Network

In Web of Science Core Collection

44 Citations

 Highly Cited Paper

 [Create citation alert](#)

45 Times Cited in All Databases
+ [See more times cited](#)

 [View citing preprints](#)

80 Cited References
[View Related Records](#) →

WoS資料庫

Categories/ Classification

Research Area

Macro Level

Meso Level

Micro Level

Citation Topics: 5 Physics > 5.56 Quantum Mechanics > 5.56.9 Entanglement

Sustainable Development Goals: 09 Industry, Innovation and Infrastructure

Web of Science Categories

Optics

分類方式提供：
(1)研究領域 (2)Citation Topics (3) SDGs

Journal information

OPTICA

ISSN 2334-2536

Current Publisher Optica Publishing Group, 2010 MASSACHUSETTS AVE NW, WASHINGTON, DC 20036

Journal Impact Factor Journal Citation Reports™

Research Areas Optics

Web of Science Categories Optics

10.4

Journal Impact Factor™ (2022)

3.03

New Journal Citation Indicator™ (2022)

顯示期刊資訊，即 JCR 資料庫提供之指標

Categories/ Classification

Research Areas: Optics

Citation Topics: 5 Physics > 5.56 Quantum Mechanics > 5.56.9 Entanglement

Sustainable Development Goals: 09 In

WoS共分為254個研究領域

Web of Science Core Collection Subject Categories

Acoustics	Electrochemistry	Literature	Physics, Condensed Matter
Agricultural Economics & Policy	Emergency Medicine	Literature, African, Australian, Canadian	Physics, Fluids & Plasmas
Agricultural Engineering	Endocrinology & Metabolism	Literature, American	Physics, Mathematical
Agriculture, Dairy & Animal Science	Energy & Fuels	Literature, British Isles	Physics, Multidisciplinary
Agriculture, Multidisciplinary	Engineering, Aerospace	Literature, German, Dutch, Scandinavian	Physics, Nuclear
Agronomy	Engineering, Biomedical	Literature, Romance	Physics, Particles & Fields
Allergy	Engineering, Chemical	Literature, Slavic	Physiology
Anatomy & Morphology	Engineering, Civil	Logic	Planning & Development
Andrology	Engineering, Electrical & Electronic	Management	Plant Sciences
Anesthesiology	Engineering, Environmental	Marine & Freshwater Biology	Poetry
Anthropology	Engineering, Geological	Materials Science, Biomaterials	Political Science
Archaeology	Engineering, Industrial	Mathematical Sciences, Computing	Public Administration
Architecture	Engineering, Manufacturing	Mathematical Sciences, Statistics	Public Health, General
Area Studies	Engineering, Marine	Mathematical Sciences, Systems	Public Health, Occupational
Art	Engineering, Mechanical	Materials Science, Composites	Psychology

資料來源 : Web of Science Help
<https://webofscience.help.clarivate.com/en-us/Content/wos-core-collection/wos-full-record.htm>

WoS資料庫

Web of Science™ Search

Search > Results for Optics (Web of S... > Results for Optics (Web of Science Categories) and Highly Cited Papers or H...

1,784 results from Web of Science Core Collection for:

Optics (Web of Science Categories)

Analyze Results Citation Report Create Alert

Quick add keywords: + ALL-DIELECTRIC NANOPHOTONICS + SPE

Refined By: Highly Cited Papers or Hot Papers X Clear all

Publications You may also like... Copy query link

Refine results

Search within results...

Quick Filters

- Highly Cited Papers 1,774
- Hot Papers 48
- Review Article 388
- Early Access 219
- Open Access 1,130
- Enriched Cited References 198

0/1,784 Add To Marked List Export Sort by: Relevance 1 of 36

1 Robust and adaptable quantum key distribution network without trusted nodes

Fan-Yuan, GJ; Lu, FY; (...); Han, ZF

Jul 20 2022 | OPTICA 9 (7) , pp.812-823

Enriched Cited References

44 Citations

80 References

Quantum key distribution (QKD) networks are promising to serve large numbers of users with information-theoretic secure communication. In QKD networks, the detection-safe protocol, termed measurement-device-independent (MDI) QKD, can naturally enhance realistic security by supp... Show more

可針對某一篇文章做引文分析

此功能檢索結果不可超過 1 萬筆

WoS資料庫

光學領域 高被引文章 + 熱門文章所呈現的各項指標

Optics (Web of Science Categories) Analyze Results Create Alert

Refined By: Highly Cited Papers or Hot Papers Clear all

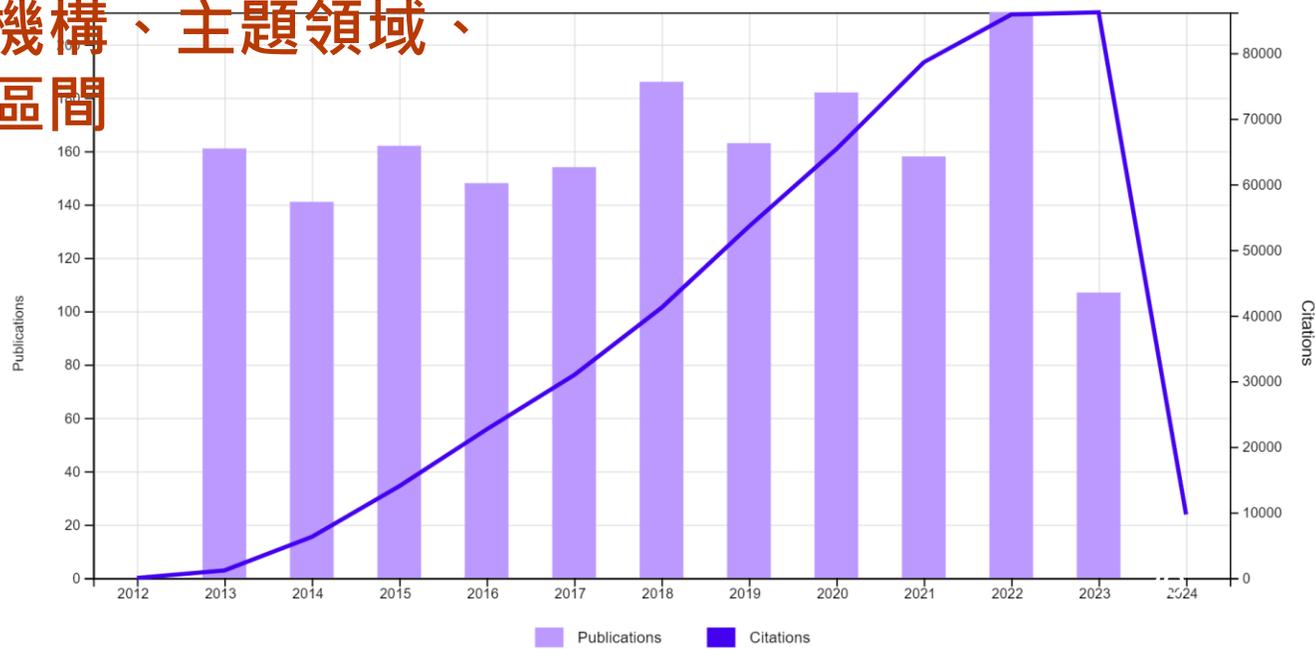
Export Full Report

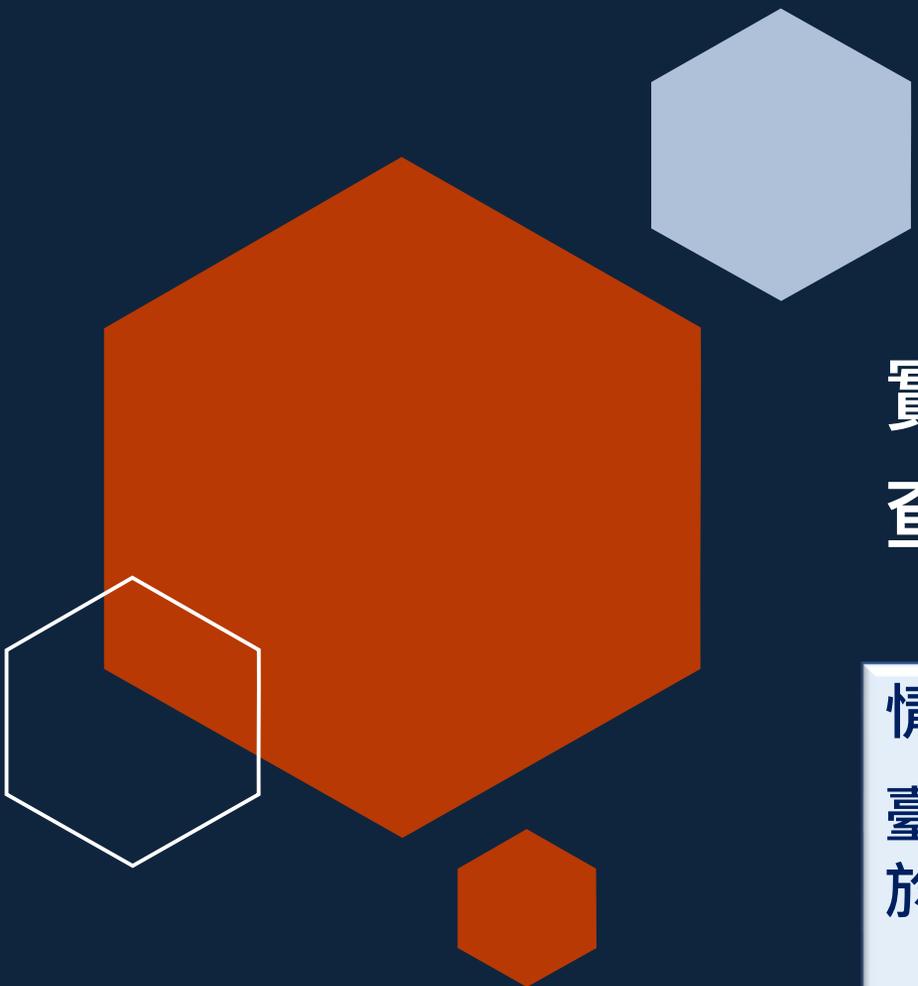
Publications 1,784 Total From 1900 to 2024	Citing Articles 287,375 Analyze Total 286,112 Analyze Without self-citations	Times Cited 495,701 Total 490,193 Without self-citations	363 H-Index 277.86 Average per item
------------------------------------------------------------	-------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------	-----------------------------------------------------

分析的標的可以是作者、機構、主題領域、
某種資料類型或某個年份區間

1,774 Publications Sort by: Citations: highest first

	2020	2021	2022	2023	2024
Total	65,368	78,583	85,877	86,196	9,679
1 The emergence of perovskite solar cells Green, MA; Ho-Baillie, A and Snaith, HJ Jul 2014 NATURE PHOTONICS 8 (7), pp.506-514	655	661	571	510	68
2 Surface passivation of perovskite film for efficient solar cells Jiang, Q; Zhao, Y; (...); You, JB Jul 2019 NATURE PHOTONICS 13 (7), pp.460+	737	885	751	623	66





用WoS資料庫
查作者評比

實機操作：
查詢特定「作者」以分析學術表現

情境：

臺灣大學陳文章(Chen, Wen-Chang)校長被收錄於SCIE與SSCI的文章有多少篇？

WoS資料庫

DOCUMENTS RESEARCHERS

Search in: Web of Science Core Collection ▾ Editions: All ▾

DOCUMENTS CITED REFERENCES STRUCTURE

Author ▾ Example: O'Brian C* OR OBrian C*
Chen, Wen-Chang A-Z X

And ▾ Affiliation ▾ Example: Johns Hopkins University
National Taiwan University E: X

+ Add row + Add date range Advanced search

X Clear Search

加上「機構」讓檢索結果更準確

WoS資料庫

延伸閱讀：
如何在Web of Science 查找特定作者的文章？

Clarivate English Products

Web of Science™ Search Sign In Register

Search Results for Chen, Wen-Cha... > Results for Chen, Wen-Cha... > Results for Chen, Wen-Cha... > Results for Chen, Wen-Chang (Author) AND National Taiwan University (Affil...)

429 results from Web of Science Core Collection for: Analyze Results **Citation Report** Create Alert

Chen, Wen-Chang (Author) and National Taiwan University (Affiliation) Search

+ Add Keywords Quick add keywords: < + PHOTOMEMORY + TRANSISTOR MEMORY + DIKETOPYRROLOPYRROLE-BASED POLYMER + SMALL BAND GAP + ROD-COIL + PHOTONIC >

Publications You may also like...

Refine results Search within results...

Quick Filters

- Highly Cited Papers 2
- Review Article 11
- Early Access 10
- Open Access 67
- Enriched Cited References 55

Citation Report

Chen, Wen-Chang (Author) and National Taiwan University (Affiliation) Analyze Results Create Alert

Export Full Report

Publications 429 Total From 1900 to 2024	Citing Articles 8,689 Analyze Total 8,326 Analyze Without self-citations	Times Cited 14,384 Total 12,169 Without self-citations	33.53 Average per item	64 H-Index
----------------------------------------------------------	---------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	----------------------------------	----------------------

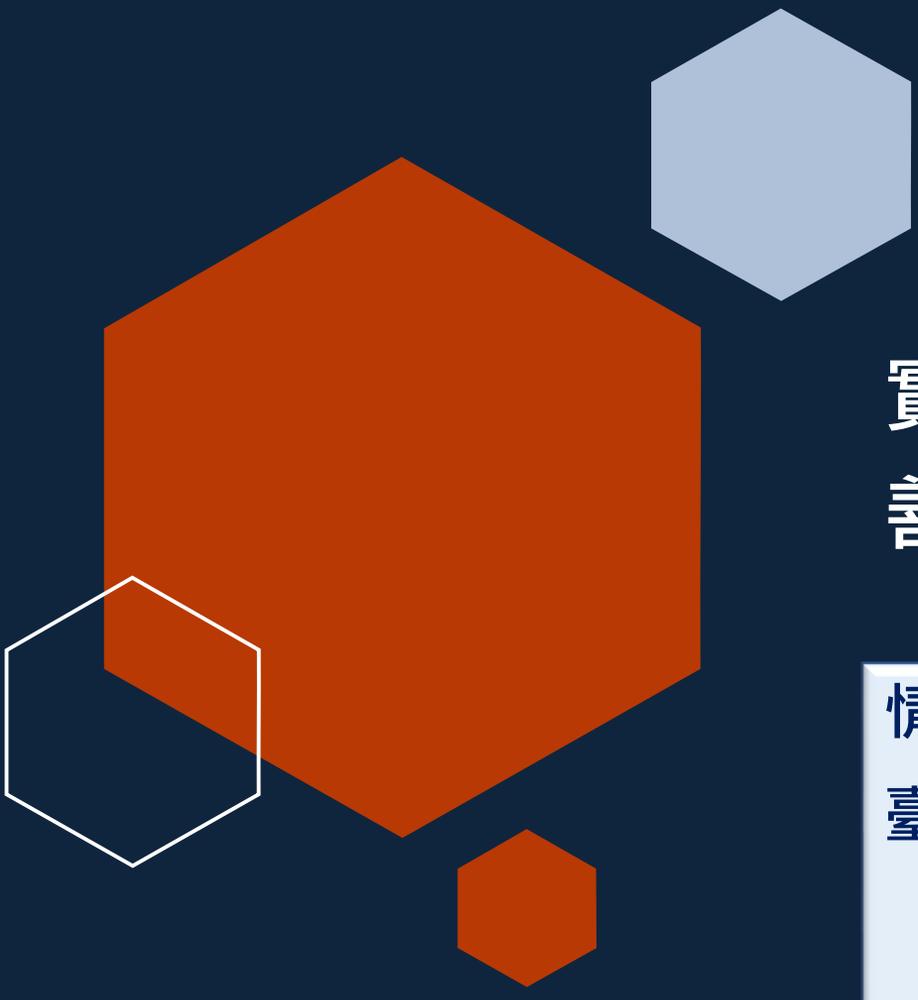
Related records ?

26 ?

WoS資料庫：H-index指標介紹



什麼是**h-index**?
如何查詢?



用WoS資料庫
查機構評比

實機操作：
善用進階檢索查詢「機構」表現

情境：

臺大圖資系被收錄於SCIE與SSCI的文章有多少篇？

WoS資料庫

方法一

DOCUMENTS RESEARCHERS

Search in: Web of Science Core Collection ▾ Editions: All ▾

DOCUMENTS CITED REFERENCES STRUCTURE

Affiliation ▾ Example: Johns Hopkins University
National Taiwan University 機構名可用全稱

And ▾ Address ▾ Example: Yale Univ SAME hosp
Dept Lib & Informat Sci 單位名需使用縮寫

+ Add row + Add date range Advanced search

× Clear Search

WoS資料庫

Author Information

Corresponding Address: Lin, Weijane (corresponding author)

▲ Natl Taiwan Univ, Dept Lib & Informat Sci, Taipei, Taiwan

Affiliation

National Taiwan University

National Taiwan University College of Liberal Arts

National Taiwan University Department of Library and Information Science

Addresses :

▲ ¹ Natl Taiwan Univ, Dept Lib & Informat Sci, Taipei, Taiwan

Affiliation

National Taiwan University

National Taiwan University College of Liberal Arts

National Taiwan University Department of Library and Information Science

延伸閱讀：

- 如何查詢臺大各學院系所在WOS收錄期刊所發表的文章？
- 如何查詢臺大在WOS收錄期刊所發表的文章？



DOCUMENTS RESEARCHERS

Search in: Web of Science Core Collection ▾ Editions: All ▾

DOCUMENTS CITED REFERENCES STRUCTURE

Affiliation ▾ Example: Johns Hopkins University
National Taiwan University

DOCUMENTS RESEARCHERS

Search in: Web of Science Core Collection ▾ Editions: All ▾

And ▾ Address ▾ Example: Yale Univ SAME
Dept Lib & Informa

+ Add row + Add date range **Advanced search**

進階檢索

「機構」部分可利用WoS自建功能查詢

DOCUMENTS RESEARCHERS

Search in: Web of Science Core Collection ▾ Editions: All ▾

Add terms to the query preview

All Fields ▾ Example: liver disease india singh Add to query

More options ▾

Query Preview

Enter or edit your query here. You can also combine previous searches e.g. #5 AND #2

+ Add date range × Clear Search ▾

Search Help

Booleans : AND, OR, NOT Examples

Field T

- TS=Topic
- TI=Title
- AB=Abstract
- AU=[Author]
- AI=Author Identifiers
- AK=Author Keywords
- GP=[Group Author]
- ED=Editor
- KP=Keyword Plus®
- SO=[Publication Titles]
- DO=DOI
- PY=Year Published
- CF=Conference
- AD=Address
- OG=[Affiliation]
- OO=Organization
- SG=Suborganization
- SA=Street Address
- CI=City
- PS=Province/State
- CU=Country/Region
- ZP=Zip/Postal Code
- FO=Funding Agency
- FG=Grant Number
- FD=Funding Details
- FT=Funding Text
- SU=Research Area
- WC=Web of Science Categories
- IS= ISSN/ISBN
- UT=Accession Number
- PMID=PubMed ID
- DOP=Publication Date
- LD=Index Date
- PUBL=Publisher
- ALL=All Fields
- FPY=Final publication year
- EAY=Early Access Year
- SDG=Sustainable Development Goals

[← Back to search](#)



Affiliation Index

Find multiple affiliations to add to your query

A-Z 0-9

National Taiwan University

28 results found for "Natio

Add National Chung Cheng University ?

Add National Defense University - Taiwan ?

Add National Ilan University ?

Add National Kaohsiung Normal University ?

Add National Kaohsiung University of Hospitality & Tourism ?

Add National Kaohsiung University of Science & Technology ?

Add National Sun Yat Sen University ?

Add National Taipei University ?

Add National Taipei University of Education ?

Add National Taipei University of Technology ?

Add National Taiwan Normal University ?

Add National Taiwan Ocean University ?

Add National Taiwan University ?

Add National Taiwan University Hospital ?

Your Selections (1)

○ National Taiwan University

REMOVE

Add National Central U

Add National Changhu

Add National Cheng Ku

Add National Cheng Ku

Add National Chengch

Add National Chiayi Ur

× Clear

Add to query

Add terms to the query preview

All Fields ▼ Example: liver disease india singh And ▼ Add to query

其餘指令仍須自行鍵入

More options ▼

Query Preview

OG = (National Taiwan University) AND AD = (Dept lib & informat Sci)

+ Add date range

× Clear

Search ▼

[Search Help](#)

Booleans : AND, OR, NOT [Examples](#)

Field Tags :

- TS=Topic
- TI=Title
- AB=Abstract
- AU=[Author]
- AI=Author Identifiers
- AK=Author Keywords
- GP=[Group Author]
- ED=Editor
- KP=Keyword Plus[®]
- SO=[Publication Titles]
- DO=DOI
- PY=Year Published
- CF=Conference
- AD=Address
- OG=[Amiation]
- OO=Organization
- SG=Suborganization
- SA=Street Address
- CI=City
- PS=Province/State
- CU=Country/Region
- ZP=Zip/Postal Code
- FO=Funding Agency
- FG=Grant Number
- FD=Funding Details
- FT=Funding Text
- SU=Research Area
- WC=Web of Science Categories [🔗](#)
- IS= ISSN/ISBN
- UT=Accession Number
- PMID=PubMed ID
- DOP=Publication Date
- LD=Index Date
- PUBL=Publisher
- ALL=All Fields
- FPY=Final publication year
- EAY=Early Access Year
- SDG=Sustainable Development Goals

219 results from Web of Science Core Collection for:

兩個方法查出的結果一致

Analyze Results Citation Report Create Alert

OG = (National Taiwan University) AND AD = (Dept lib & informat Sci)

Search

可善用資料庫自建功能，避免拼字錯誤

Add Keywords

Quick add keywords:

+ RANK-CITATION CURVE + PATENTOMETRICS + RESEARCH FRONTS + BIBLIOGRAPHIC COUPLING + LIBRARY AND INFORMATION SCIENCE

Publications

You may also like...

Copy query link

Refine results

Search within results...

Quick Filters

- Review Article 1
- Early Access 3
- Open Access 62
- Enriched Cited References 20
- Open publisher-invited reviews 3

0/219 Add To Marked List Export

Sort by: Relevance 1 of 5

1 Evaluating chinese text retrieval with multilingual queries

Chen, KH

2002 | KNOWLEDGE ORGANIZATION 29 (3), pp.156-170

This paper reports the design of a Chinese test collection with multilingual queries and the application of this test collection to evaluate information retrieval systems. The effective indexing units, IR models, translation techniques, and query expansion for Chinese text retrieval are identified. The collaboration of East Asian countries for construction of test collections for cross-language ... Show more

Fulltext@NTU

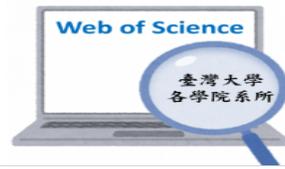
1 Citation

22 References

Related records ?

WoS資料庫

如何查詢臺大各學院系所在WOS收錄期刊所發表的文章？



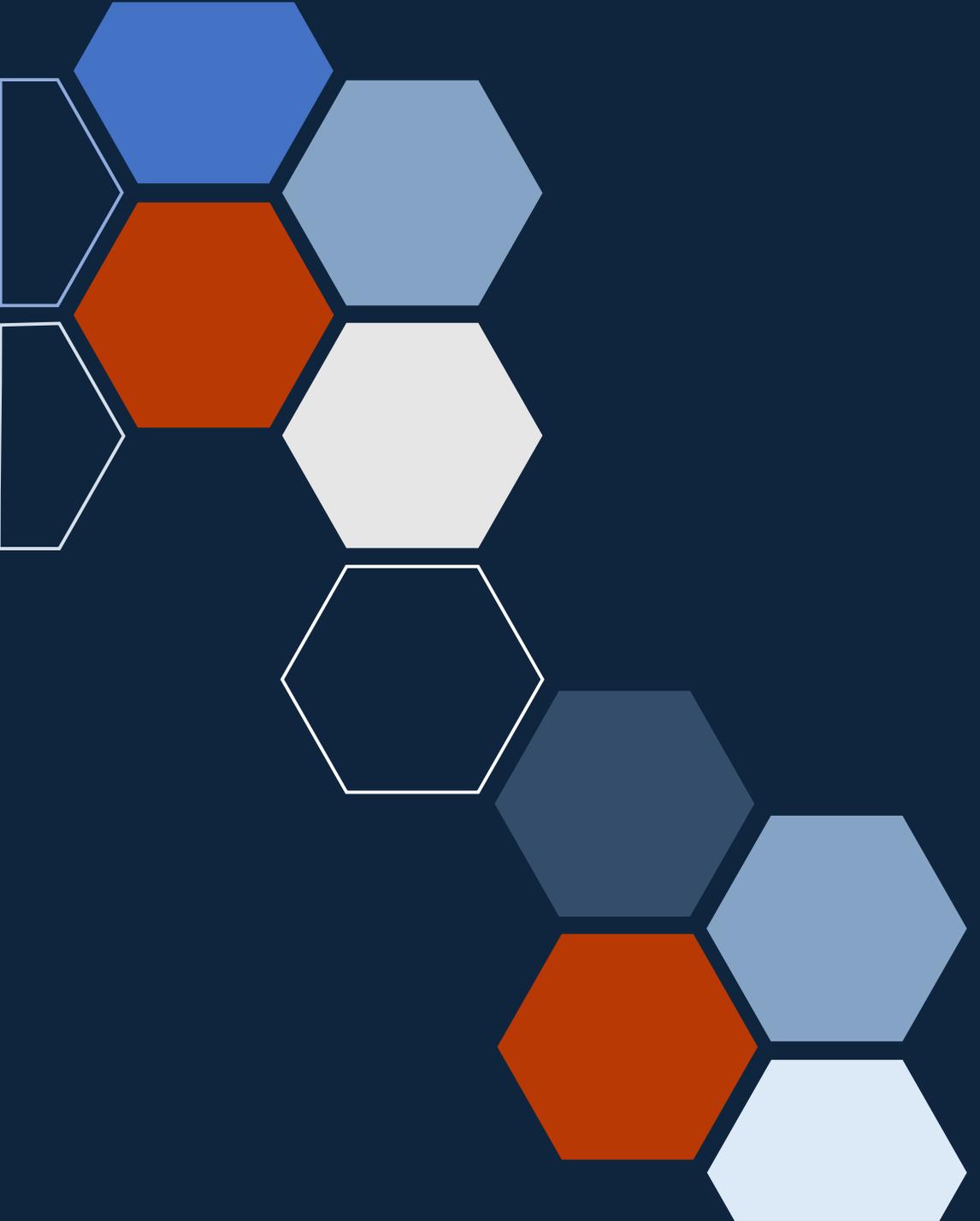
若要完整呈現，需有更詳盡的指令

臺大的常見縮寫為 (natl taiwan univ) OR (ntu SAME taiwan) OR (ntu hosp) OR (ntuh) OR (taiwan natl univ) OR (natl taiwan natl univ) OR (natl taiwan hosp) OR (Taiwan Univ Hosp) OR (nation taiwan univ) OR (Nat Taiwan Univ) OR (NTUMC)，需要排除具有相同詞彙的臺灣科技大學，因此後面必須再接 **NOT (natl taiwan univ sci technol)**

生農學院的常見縮寫為 (Coll Agr) OR (Coll Agr & Bioresource) OR (Coll Agr & Bioresources) OR (Coll Bio Resource & Agr) OR (Coll Bio Resources & Agr) OR (Coll Bioresource & Agr) OR (Coll Bioresources & Agr) OR (Coll Bioresources Agr)

在「Address」欄位用 (機構名) **SAME** (學院名) 的方式輸入：

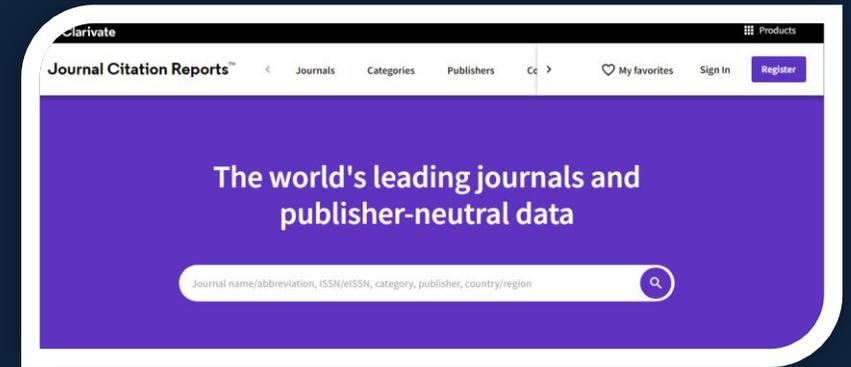
((natl taiwan univ) OR (ntu SAME taiwan) OR (ntu hosp) OR (ntuh) OR (taiwan natl univ) OR (natl taiwan natl univ) OR (natl taiwan hosp) OR (Taiwan Univ Hosp) OR (nation taiwan univ) OR (Nat Taiwan Univ) OR (NTUMC)) **NOT (natl taiwan univ sci technol)** **SAME** ((Coll Agr) OR (Coll Agr & Bioresource) OR (Coll Agr & Bioresources) OR (Coll Bio Resource & Agr) OR (Coll Bio Resources & Agr) OR (Coll Bioresource & Agr) OR (Coll Bioresources & Agr) OR (Coll Bioresources Agr))



WoS衍伸出的產品

Journal Citation Reports
(JCR)

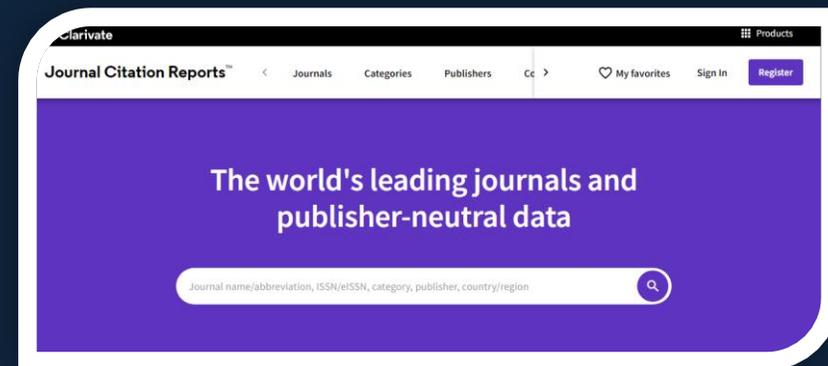
JCR資料庫



Journal Citation Reports(JCR)

- ✓ 以 Web of Science 內的SCIE、SSCI、A&HCI及ESCI期刊文章為基準，運用其「引用文獻網絡」，計算文章間的被引次數
- ✓ 指標：最常被使用的指標為Journal Impact Factor
- ✓ 目的
 - 對研究人員而言，可確認投稿期刊品質
 - 對圖書館而言，可評估館藏典藏政策
 - 對資料分析人員而言，可追蹤期刊發展趨勢

JCR資料庫



Journal Citation Reports(JCR)

- ✓ 以 Web of Science 內的 SCIE、SSCI、A&HCI 及 ESCI 期刊文章為基準，運用其「引用文獻網絡」計算文音間的被引次數
- ✓ 指標：最常被使用的指標為 Journal Impact Factor 皆有 Journal Impact Factor 指標
- ✓ 目的
 - 對研究人員而言，可確認投稿期刊品質
 - 對圖書館而言，可評估館藏典藏政策
 - 對資料分析人員而言，可追蹤期刊發展趨勢



釐清JCR資料庫(JIF指標)概念

不可僅以單一指標認定「研究價值」

不可單以JIF值判斷單篇文章優劣

JIF值不可跨領域比較

各項指標介紹 (1/2)

Total Citations	Journal Impact Factor (JIF)	5 Year Impact Factor	Immediacy Index	Citable items
總引用次數	影響係數	5年影響係數	立即指數	可引用論文量
期刊被引用的 總次數	期刊前兩年的 影響力	期刊前五年的 影響力	期刊當年度的 影響力	articles+review
	JIF without self cites			% of articles in Citable items
	去除「自我引用」 的影響係數			期刊中原創研 究文章比例

延伸閱讀：

- JCR(Journal Citation Reports)中各項指標的意義為何？

2022 JIF值計算方式



前兩年(2020-2021)文章
總數在今年度(2022)的
被引次數

前兩年(2020-2021)
文章總數

**5 Year Impact
Factor**

5年影響係數

期刊前五年的
影響力

前五年(2017-2021)文章
總數在今年度(2022)的
被引次數

前五年(2017-2021)
文章總數



JIF值越高，表示平均被引次數高，學術表現越佳

5年JIF值：需要時間累積被引次數，可用在人文社會領域的評估

2022 立即指數計算方式



今年度(2022)的文章在今年的
被引次數

今年度(2022)
文章總數



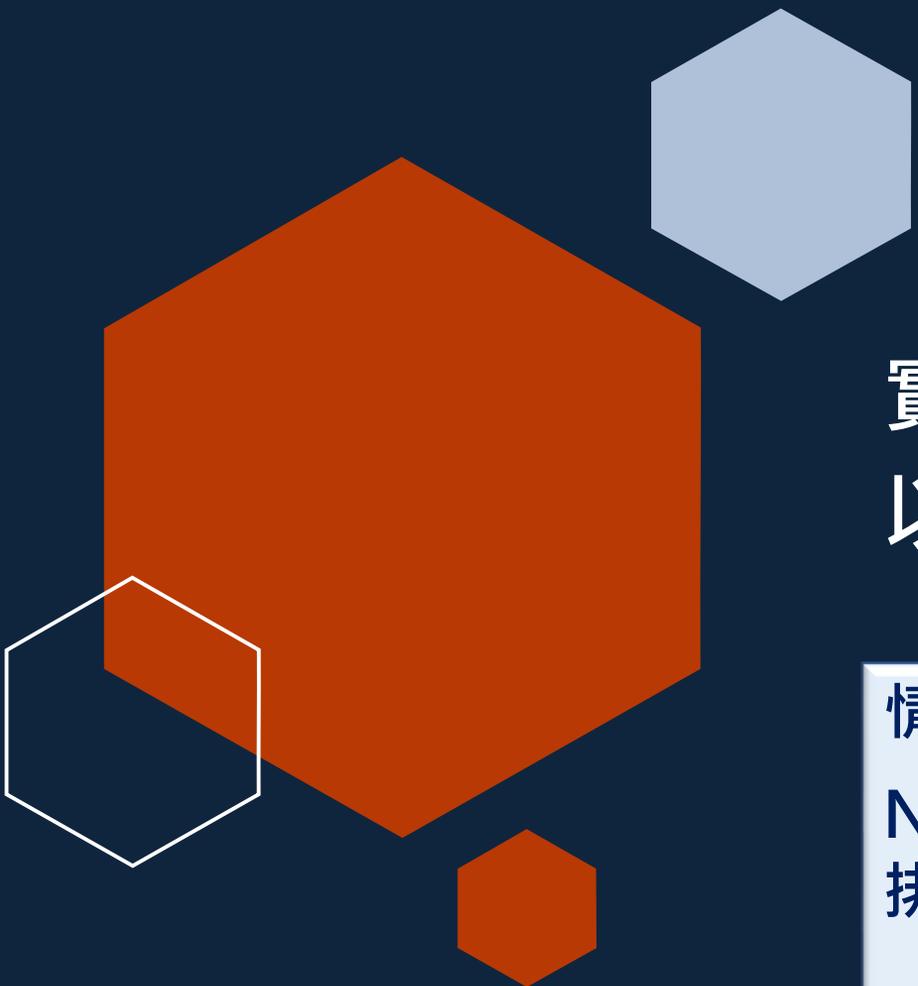
**立即指數：研究較有時效性者可反映即時表現，
可用在生醫領域的評估**

各項指標介紹 (2/2)

Average JIF Percentile	Cited Half-Life	Citing Half-Life	Eigenfactor score	Article influence score
跨領域期刊 JIF 的平均百分位	被引半衰期 期刊文章的影響力衰退速度	引用半衰期 期刊是否引用最新的文獻	排除同一期刊自我引用，且經過加權的被引用分數	排除同一期刊自我引用，且經過加權的 5 Year Impact Factor

延伸閱讀：

- [Eigenfactor與Article Influence介紹](#)



用JCR資料庫
查期刊評比

實機操作：

以「查刊名/ISSN」的方式查看期刊

情境：

Nature期刊屬何種領域？2022年的JIF與JCI分別排名第幾？且歷年的表現如何？

JCR實機操作

The world's leading journals and publisher-neutral data

查詢

Journal title, journal title, ISSN/eISSN, category, publisher, country/region

Nature



Already have a manuscript?

Find relevant, reputable journals for potential publication of your research using Manuscript matcher.

Match my manuscript

See full listings and refine your search by



Journals



Categories



Publishers



Countries/Regions

JCR提供之相關資訊

1. 期刊資訊

Journal information

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

MULTIDISCIPLINARY SCIENCES - SCIE

LANGUAGES

English

REGION

ENGLAND

1ST ELECTRONIC JCR YEAR

1997

Publisher information

PUBLISHER

NATURE PORTFOLIO

ADDRESS

HEIDELBERGER PLATZ 3, BERLIN
14197, GERMANY

PUBLICATION FREQUENCY

51 issues/year

JCR收錄SCIE、SSCI、A&HCI及ESCI期刊

期刊可隸屬於多種學科領域，雖只有1個JIF值，但不同領域排名會有差異

JCR提供之相關資訊

2. 期刊表現

Journal's performance

首要指標：JIF值

Journal Impact Factor

The Journal Impact Factor (JIF) is a journal-level metric calculated from data indexed in the Web of Science® Core Collection. It should be used with characteristics of the subject area and type of journal. The Journal Impact Factor can complement impact metrics and informed peer review in the individual researchers, institutions, or articles. [Learn more](#)

排除自我引用

2022 JOURNAL IMPACT FACTOR

64.8

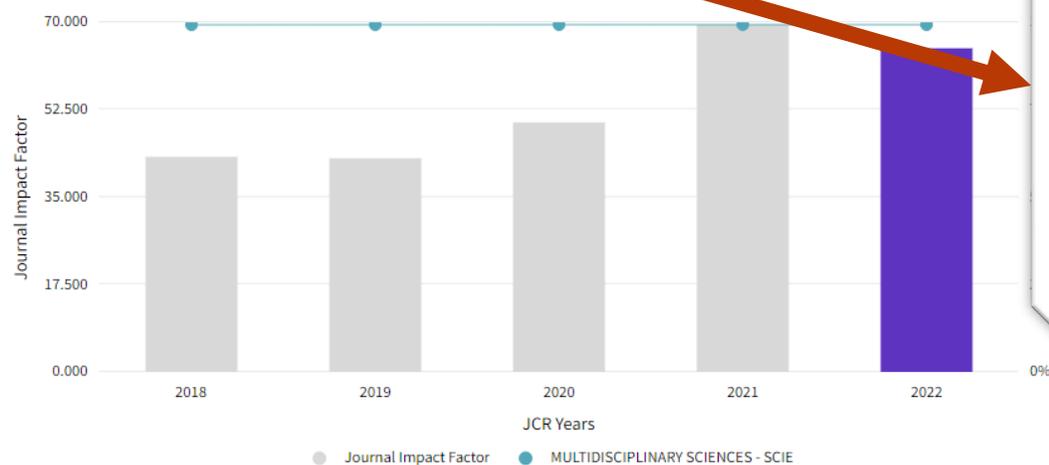
[View calculation](#)

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

64.0

[View calculation](#)

Journal Impact Factor Trend 2022



Calculation

Journal Impact Factor™ is calculated using the following metrics:

$$\frac{\text{Citations in 2022 to items published in 2020} + \text{Citations in 2021 to items published in 2020}}{\text{Number of citable items in 2020} + \text{Number of citable items in 2021}} = \frac{(76,237) + (58,976)}{(1,063) + (1,023)} = \frac{135,213}{2,086} = 64.8$$

JCR提供之相關資訊

2. 期刊表現

Journal Impact Factor contributing items

Export

Citable items (2,086)

Citing Sources (8,536)

可引用的文章列表 = JIF 的分母
(可看出發表量以及單篇文章被引次數)

Structure of the SARS-CoV-2 spike receptor-binding domain bound to the ACE2 receptor

Reduced sensitivity of SARS-CoV-2 variant Delta to antibody neutralization

Perovskite solar cells with atomically coherent interlayers on SnO₂ electrodes

Pseudo-halide anion engineering for alpha-FAPbI₃ perovskite solar cells

Efficient perovskite solar cells via improved carrier management

Structure of M-pro from SARS-CoV-2 and discovery of its inhibitors

Journal Impact Factor contributing items

Export

Citable items (2,086)

Citing Sources (8,536)

CITING TITLE

CITATION COUNT

NATURE COMMUNICATIONS

3279

FRONTIERS IN IMMUNOLOGY

2715

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

1769

NATURE

1646

SCIENTIFIC REPORTS

1638

PHYSICAL REVIEW B

1233

JIF 貢獻值的引用來源
(可看出期刊之間互相引用的關係)

JCR提供之相關資訊

2. 期刊表現

Journal Citation Indicator (JCI) 2021新增指標：JCI

11.43

The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in that category. It may be used alongside other metrics to help you evaluate journals. [Learn more](#)

納入學科領域正規化考量、
呈現過去三年發表的文章之引文影響力平均值



[View all years](#)

2022 CNCI (Category Normalize Citation Impact) & JCI (Journal Citation Indicator) 計算方式



➔ 全球 同年 同領域 同類型 文獻的平均表現 = 1
當CNCI大於 1，表示其被引用率高於「同質性研究群」之表現

延伸閱讀：

[JCR 衡量期刊影響力的 2021 年新指標：Journal Citation Indicator \(JCI\)](#)

JCR提供之相關資訊

2. 期刊表現

Citation distribution 引文分布

Export

The Citation Distribution shows the frequency with which items published in the year or two years prior were cited in the JCR data year (i.e., the component of the calculation of the JIF). The graph has similar functionality as the JIF Trend graph, including hover-over data descriptions for each data point, and an interactive legend where each data element's legend can be used as a toggle. You can view Articles, Reviews, or Non-Citable (other) items to the JIF numerator. [Learn more](#)

呈現不同資料類型分別被引用1次、2次，甚至大於50次的篇數

ARTICLE CITATION MEDIAN

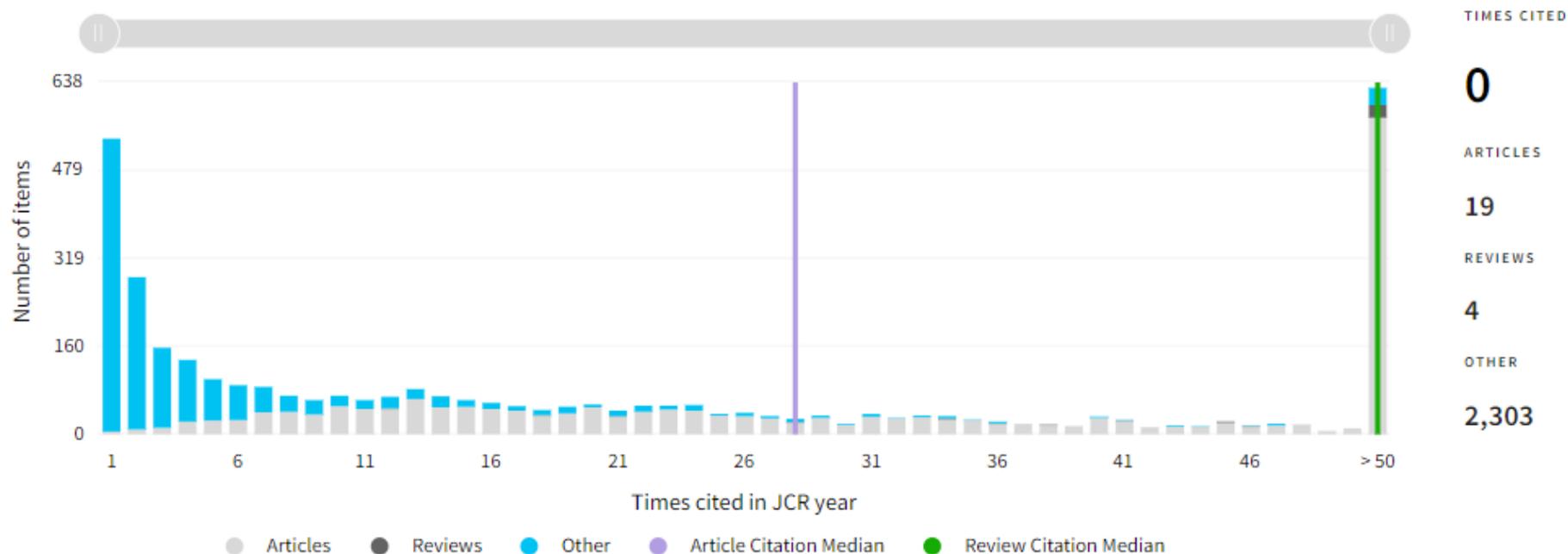
28

REVIEW CITATION MEDIAN

57

UNLINKED CITATIONS

3,759



JCR提供之相關資訊

Open Access (OA)

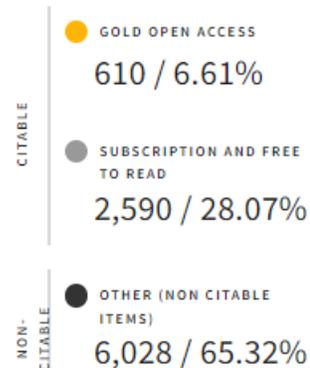
Open Access分析

2. 期刊表現

The data included in this tile summarizes the items published in the journal in the JCR data year and in the previous two years. This three-year set of published items is representative of the content and community of the journal. [Learn more](#)

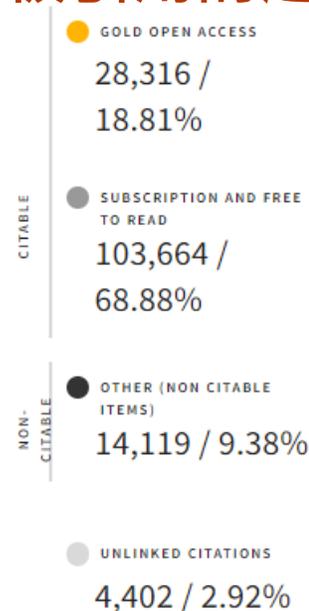
Items

TOTAL CITABLE 3,200
% OF CITABLE OA 19.06%

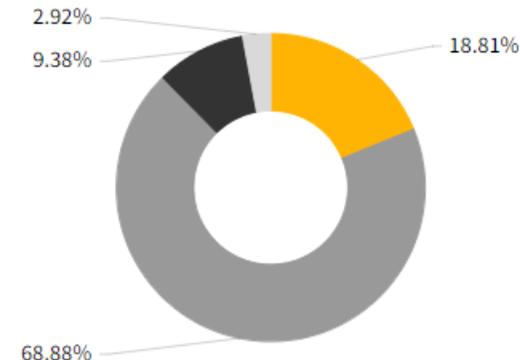
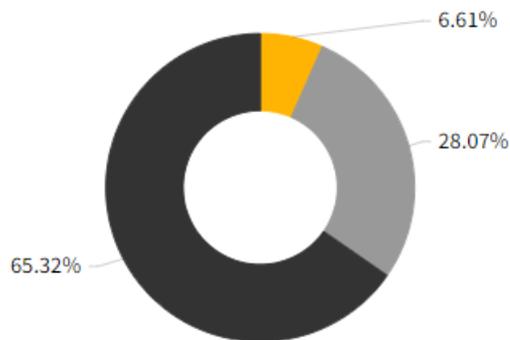


Citations*

TOTAL CITABLE 131,980
% OF CITABLE OA 21.45%



呈現OA文章的發表量及被引用的趨勢



*Citations in 2022 to items published in [2020 - 2022]

JCR提供之相關資訊

Rank by Journal Impact Factor

以 JIF、JCI 指標排名

2. 期刊表現

Journals within a category are sorted in descending order by Journal Impact Factor (JIF) resulting in the Category Ranking below. A separate ranking is provided for each journal in the category. Data for the most recent year is presented at the top of the list, with other years shown in reverse chronological order. [Learn more](#)

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

MULTIDISCIPLINARY SCIENCES

1/73

若期刊屬多種領域，會個別呈現，並列出 Quartile 排序

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2022	1/73	Q1	99.3	
2021	1/74	Q1	99.32	
2020	1/72	Q1	99.31	
2019	1/71	Q1	99.30	

Rank by Journal Citation Indicator (JCI)

Journals within a category are sorted in descending order by Journal Citation Indicator (JCI) resulting in the Category Ranking below. A separate ranking is provided for each journal in the category. Data for the most recent year is presented at the top of the list, with other years shown in reverse chronological order. [Learn more](#)

CATEGORY

MULTIDISCIPLINARY SCIENCES

1/134

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2022	1/134	Q1	99.63	
2021	1/135	Q1	99.63	
2020	1/128	Q1	99.61	
2019	1/126	Q1	99.60	
2018	1/121	Q1	99.59	
2017	1/115	Q1	99.57	

JCR提供之相關資訊

3. 引用脈絡

Citation network

被引半衰期、引用半衰期

Cited Half-life

10.1 years

The Cited Half-Life is the median age of the items in this journal that were cited in the JCR year. Half of a journal's cited items were published more recently than the cited half-life.

TOTAL NUMBER OF CITES

964,818

NON SELF-CITATIONS

958,300

SELF-CITATIONS

6,518

Citing Half-life

6.5 years

The Citing Half-Life is the median age of items in other publications cited by this journal in the JCR year.

TOTAL NUMBER OF CITES

74,560

NON SELF-CITATIONS

68,042

SELF-CITATIONS

6,518

被引/引用衰退一半(50%)所需要的年數

JCR提供之相關資訊

3. 引用脈絡

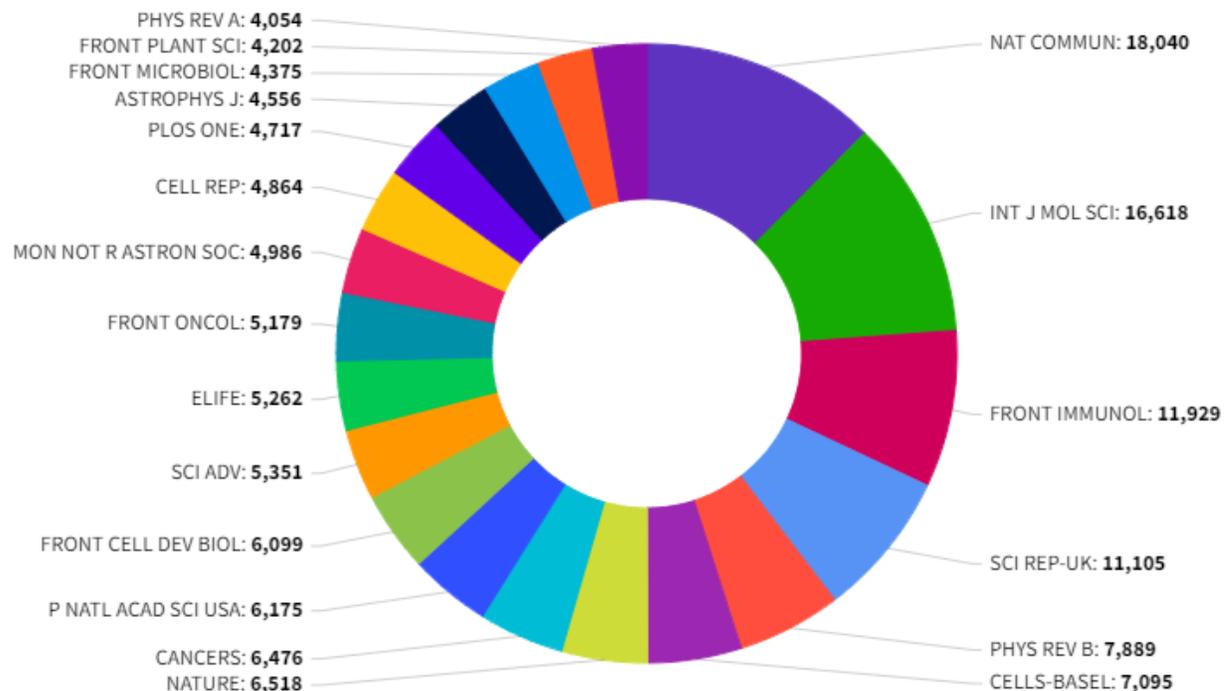
Journal Citation Relationships

Cited Data

Citing Data

Top 20 journals citing NATURE by number of citations

被引/引用最多的前20期刊



JCR提供之相關資訊

4. 內容指標

Content metrics

不同資料類型的數量及比例 Articles + Reviews

Source data

This tile shows the breakdown of document types published by the journal. Citable Items are Articles and Reviews. For the purposes of calculating JIF, a JCR year considers the publications of that journal in the two prior years. [Learn more](#)

1,114 total citable items

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	PERCENTAGE
NUMBER IN JCR YEAR 2022 (A)	1,101	13	1,114	2,150	34%
NUMBER OF REFERENCES (B)	65,354	1,833	67,187	7,373	90%
RATIO (B/A)	59.4	141.0	60.3	3.4	

跨領域的 JIF 平均百分比 (期刊屬多種領域)

Average JIF Percentile

Export

The Average Journal Impact Factor Percentile takes the sum of the JIF Percentile rank for each category under consideration, then calculates the average of those values. [Learn more](#)

ALL CATEGORIES AVERAGE

99.3

EDITION

Science Citation Index
Expanded

MULTIDISCIPLINARY SCIENCES

99.3

JCR提供之相關資訊

4. 內容指標

Contributions by organizations

Export

Organizations that have contributed the most papers to the journal in the most recent three-year period. [Learn more](#)

近三年被引貢獻來自哪些機構/國家

RANK	ORGANIZATION	COUNT
1	UNIVERSITY OF CALIFORNIA SYSTEM	665
2	HARVARD UNIVERSITY	551
3	MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)	350
4	HOWARD HUGHES MEDICAL INSTITUTE	344
5	UDICE-FRENCH RESEARCH UNIVERSITIES	323
6	STANFORD UNIVERSITY	304
7	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	296
8	CHINESE ACADEMY OF SCIENCES	268
-	MAX PLANCK SOCIETY	268
-	UNIVERSITY OF CAMBRIDGE	268

Contributions by country/region

Export

Countries or Regions that have contributed the most papers to the journal in the most recent three-year period. [Learn more](#)

RANK	COUNTRY / REGION	COUNT
1	USA	3270
2	England	1179
3	GERMANY (FED REP GER)	908
4	CHINA MAINLAND	766
5	France	470
6	Switzerland	436
7	Canada	418
8	Australia	402
9	Japan	384
10	Netherlands	330

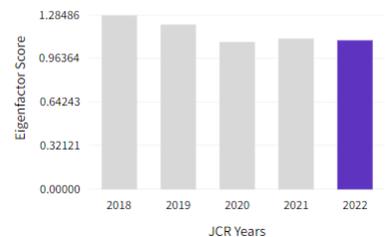
JCR提供之相關資訊

Additional metrics

Eigenfactor Score

1.10098

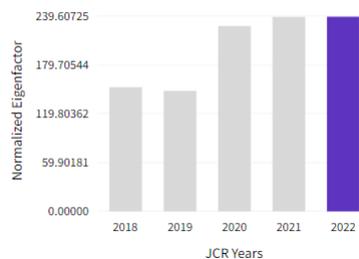
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than less cited sources. The Eigenfactor calculation does not include journal self-citations. [Learn more](#)



Normalized Eigenfactor

239.60725

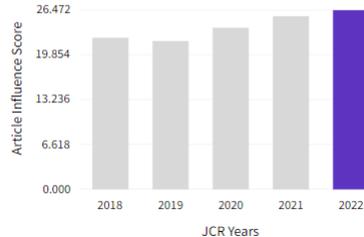
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



Article influence score

26.472

The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence. [Learn more](#)



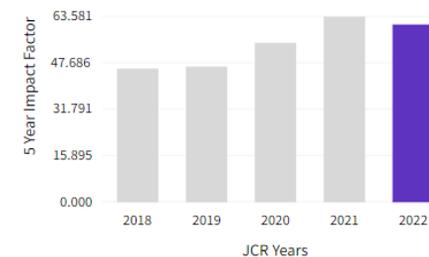
5. 其他指標

5 Year Impact Factor

60.9

[View Calculation](#)

The 5-year Impact Factor is the average number of times articles from the journal published in the past five years have been cited in the JCR year. It is calculated by dividing the number of citations in the JCR year by the total number of articles published in the five previous years. [Learn more](#)

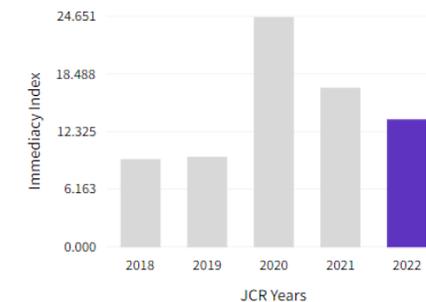


Immediacy Index

13.7

[View Calculation](#)

The Immediacy Index is the count of citations in the current year to the journal that reference content in this same year. Journals that have a consistently high Immediacy Index attract citations rapidly. [Learn more](#)



JCR提供之相關資訊

查看歷年表現

Home > Journal profile

JCR YEAR

- 2022
- 2021
- 2020
- 2019
- 2018
- 2017
- All years

JRE

期刊資訊最上方
下拉選單選擇All years

Year	Total Citations	Journal impact factor	JIF without self cites	5 Year Impact Factor	Immediacy Index	Citable items	% of articles in Citable items	Average JIF Percentile
2022	964,818	64.8	64.0	60.9	13.7	1,114	98.83	99.3
2021	1,008,561	69.504	68.744	63.581	17.085	1,017	98.23	99.324
2020	915,939	49.962	49.315	54.637	24.651	1,076	98.23	99.306
2019	767,246	42.779	42.244	46.488	9.687	903	97.67	99.296
2018	745,692	43.070	42.478	45.819	9.435	904	96.57	99.275
2017	710,767	41.577	41.016	44.959	9.700	836	95.93	99.219
2016	671,254	40.137	39.533	43.769	9.129	879	95.90	99.219

NATURE

ISO ABBREVIATION

Nature



用JCR資料庫
查期刊評比

實機操作：
以「瀏覽領域」的方式查看期刊

情境：

生物學(Biology)領域2022年JIF值第一名期刊為何？
若改以5-y JIF值查詢，第一名期刊是否相同？

JCR實機操作

The world's leading journals and publisher-neutral data

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



Already have a manuscript?

Find relevant, reputable journals for potential publication of your research using Manuscript matcher.

Match my manuscript

See full listings and refine your search by



Journals



Categories



Publishers



Countries/Regions

瀏覽

各學科領域

JCR提供之相關資訊

Categories by Group

[See all 254 Categories](#)

 Agricultural Sciences

NUMBER OF CATEGORIES

NUMBER OF JOURNALS

展開學科領域，選擇次領域⁷Biology

430

 Arts & Humanities, Interdisciplinary

NUMBER OF CATEGORIES

NUMBER OF JOURNALS

8

1,013

 Biology & Biochemistry

NUMBER OF CATEGORIES

NUMBER OF JOURNALS

34

3,969

Covers all aspects of biology, bioinformatics, biochemistry, biotechnology and molecular biology in different fields.

AGRICULTURE, DAIRY & ANIMAL SCIENCE

AGRICULTURE, MULTIDISCIPLINARY

AGRONOMY

ANATOMY & MORPHOLOGY

ANDROLOGY

BIOCHEMICAL RESEARCH METHODS

BIOCHEMISTRY & MOLECULAR BIOLOGY

BIOLOGY

BIOPHYSICS

BIOTECHNOLOGY & APPLIED MICROBIOLOGY

CELL & TISSUE ENGINEERING

CELL BIOLOGY

JCR提供之相關資訊

1 category

See all 21 Groups

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



顯示兩列結果：

第 1 列為SCIE期刊，共 92 筆

第 2 列為ESCI期刊，共 20 筆

BIOLOGY



Filter

1

Category	Group	Edition	# of journals	Citable Items	Total Citations
BIOLOGY	Biology & Biochemistry	SCIE	92	18,432	858,176
BIOLOGY	Biology & Biochemistry	ESCI	20	1,066	10,558

Journal Citation Reports dataset updated Oct 18, 2023



點選SCIE，顯示目前在生物領域已有較佳學術表現的期刊
點選ESCI，表示僅為「候選期刊」

JCR提供之相關資訊

92 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



預設以 JIF 排序，第 1 筆即為生物領域排名第一的期刊

Indicators: Default

BIOLOGY SCIE JCR Year: 2022



Filter

3

Journal name	ISSN	eISSN	Category	Total Citations	2022 JIF	JIF Quartile	2022 JCI
<input type="checkbox"/> Physics of Life Reviews	1571-0645	1873-1457	BIOLOGY - SCIE	1,950	11.7	Q1	1.33
<input type="checkbox"/> BIOSCIENCE	0006-3568	1525-3244	BIOLOGY - SCIE	21,513	10.1	Q1	2.33
<input type="checkbox"/> BIOLOGICAL REVIEWS	1464-7931	1469-185X	BIOLOGY - SCIE	18,737	10.0	Q1	2.64
<input type="checkbox"/> PLOS BIOLOGY	1544-9173	1545-7885	BIOLOGY - SCIE	41,783	9.8	Q1	2.03
<input type="checkbox"/> CURRENT BIOLOGY	0960-9822	1879-0445	BIOLOGY - SCIE	79,963	9.2	Q1	1.64

JCR提供之相關資訊

查找5y JIF值

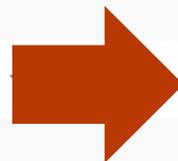
92 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



Copy query link Export

預設欄位沒有5y JIF，需至Customize勾選



Customize

BIOLOGY SCIE JCR Year: 2022



Filter

3

Journal name	ISSN	eISSN	Category	Total Citations	2022 JIF	JIF Quartile	2022 JCI	% of OA Gold
<input type="checkbox"/> Physics of Life Reviews	1571-0645	1873-1457	BIOLOGY - SCIE	1,950	11.7	Q1	1.33	28.21 %
<input type="checkbox"/> BIOSCIENCE	0006-3568	1525-3244	BIOLOGY - SCIE	21,513	10.1	Q1	2.33	38.78 %
<input type="checkbox"/> BIOLOGICAL REVIEWS	1464-7931	1469-185X	BIOLOGY - SCIE	18,737	10.0	Q1	2.64	32.96 %
<input type="checkbox"/> PLOS BIOLOGY	1544-9173	1545-7885	BIOLOGY - SCIE	41,783	9.8	Q1	2.03	98.31 %
<input type="checkbox"/> CURRENT BIOLOGY	0960-9822	1879-0445	BIOLOGY - SCIE	79,963	9.2	Q1	1.64	80.57 %

JCR提供之相關資訊

92 journals

Copy query link Export

Customize

Filter 3

BIOLOGY SCIE JCR

Journal name

Physics of Life Reviews

BIOSCIENCE

BIOLOGICAL REVIEWS

PLOS BIOLOGY

CURRENT BIOLOGY

Science China-Life Sciences

eLife

COMPUTERS IN BIOLOGY AND MEDICINE

0010-4825 1879-0534 BIOLOGY - SCIE 21,417 7.7 Q1 1.63 16.09 %

Impact Metrics

Metrics focused on the citation impact of the journals.

- Total Citations
- 2022 JIF
- JIF Rank
- 5 Year JIF
- 5 Year JIF Quartile
- JIF Without Self Cites
- Immediacy Index

Normalized Metrics

Metrics that have been adjusted mathematically to a particular context.

- 2022 JCI
- JCI Rank
- JCI Quartile
- JCI Percentile
- Eigenfactor
- Normalized Eigenfactor
- Article Influence Score
- JIF Percentile
- JIF Quartile
- AIS Quartile

Source Metrics

Metrics based on the content of the journals.

- Citable Items
- % of Articles in Citable items
- Cited Half-Life
- Citing Half-Life
- Total Articles
- % of OA Gold

Name your indicators

Save

Apply

2022 JCI	% of OA Gold
1.33	28.21 %
2.33	38.78 %
2.64	32.96 %
2.03	98.31 %
1.64	80.57 %
1.76	1.25 %
2.07	99.45 %

JCR提供之相關資訊

92 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



Copy query link Export

點按5y JIF標題，會依該欄位排序

Indicators: Custom

Customize

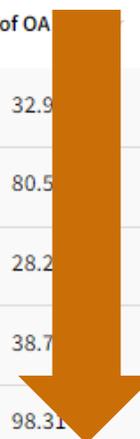
BIOLOGY SCIE JCR Year: 2022



Filter

3

Journal name	ISSN	eISSN	Category	Total Citations	2022 JIF	JIF Quartile	2022 JCI	% of OA	5 Year JIF
<input type="checkbox"/> BIOLOGICAL REVIEWS	1464-7931	1469-185X	BIOLOGY - SCIE	18,737	10.0	Q1	2.64	32.9	12.8
<input type="checkbox"/> CURRENT BIOLOGY	0960-9822	1879-0445	BIOLOGY - SCIE	79,963	9.2	Q1	1.64	80.5	11.0
<input type="checkbox"/> Physics of Life Reviews	1571-0645	1873-1457	BIOLOGY - SCIE	1,950	11.7	Q1	1.33	28.2	10.8
<input type="checkbox"/> BIOSCIENCE	0006-3568	1525-3244	BIOLOGY - SCIE	21,513	10.1	Q1	2.33	38.7	10.8
<input type="checkbox"/> PLOS BIOLOGY	1544-9173	1545-7885	BIOLOGY - SCIE	41,783	9.8	Q1	2.03	98.31	9.2



JCR提供之相關資訊

92 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



Copy query link

Export

想再確認2筆期刊之間的差異，可勾選直接做比較

Indicators: Custom

Customize

BIOLOGY SCIE JCR Year: 2022

Journal name	ISSN	eISSN	Category	Total Citations	2022 JIF	JIF Quartile	2022 JCI		
<input checked="" type="checkbox"/> BIOLOGICAL REVIEWS	1464-7931	1469-185X	BIOLOGY - SCIE	18,737	10.0	Q1	2.64	32.96 %	12.8
<input type="checkbox"/> CURRENT BIOLOGY	0960-9822	1879-0445	BIOLOGY - SCIE	79,963	9.2	Q1	1.64	80.57 %	11.0
<input checked="" type="checkbox"/> Physics of Life Reviews	1571-0645	1873-1457	BIOLOGY - SCIE	1,950	11.7	Q1	1.33	28.21 %	10.8
<input type="checkbox"/> BIOSCIENCE	0006-3568	1525-3244	BIOLOGY - SCIE	21,513	10.1	Q1	2.33	38.78 %	10.8
<input type="checkbox"/> PLOS BIOLOGY	1544-9173	1545-7885	BIOLOGY - SCIE	41,783	9.8	Q1	2.03	98.31 %	9.2
<input type="checkbox"/> eLife	2050-084X	2050-084X	BIOLOGY - SCIE	94,866	7.7	Q1	2.07	99.45 %	8.3
<input type="checkbox"/> BIOLOGICAL RESEARCH	0716-9760	0717-6287	BIOLOGY - SCIE	3,442	6.7	Q1	1.49	99.25 %	8.3
<input type="checkbox"/> PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B- BIOLOGICAL SCIENCES	0962-8436	1471-2970	BIOLOGY - SCIE	57,332	6.3	Q1	1.46	38.41 %	8.3



Journals selected 2 Deselect all

Add to Favorites list

Compare

Up to 50 journals in one list

Up to 4 journals



Comparing 2 journals

BIOLOGICAL REVIEWS OF THE CAMBRIDGE
PHILOSOPHICAL SOCIETY

Physics of Life Reviews

2022 JIF
10.0

11.7

2022 JCI
2.64

1.33

JIF TREND
20.0

JIF

可快速瀏覽各項指標的消長，由此可知，不能僅以單一指標定義期刊表現

JCI TREND
4.00

JCI

3.00

JCI

2018 2019 2020 2021 2022

JCR Years

JIF

2018 2019

JIF

2018 2019 2020 2021 2022

JCR Years

JCI

2018 2019 2020 2021 2022

JCR Years

JCI

JIF QUARTILE, PERCENTILE AND RANK BY CATEGORY

Category	BIOLOGY -SCIE	Category	BIOLOGY -SCIE
JIF Quartile	Q1	JIF Quartile	Q1
JIF Percentile	97.3	JIF Percentile	99.5
JIF Rank	3/92	JIF Rank	1/92

JCI QUARTILE, PERCENTILE AND RANK BY CATEGORY

Category	BIOLOGY	Category	BIOLOGY
JCI Quartile	Q1	JCI Quartile	Q1
JCI Percentile	99.55	JCI Percentile	87.95
JCI Rank	1/112	JCI Rank	14/112

Category

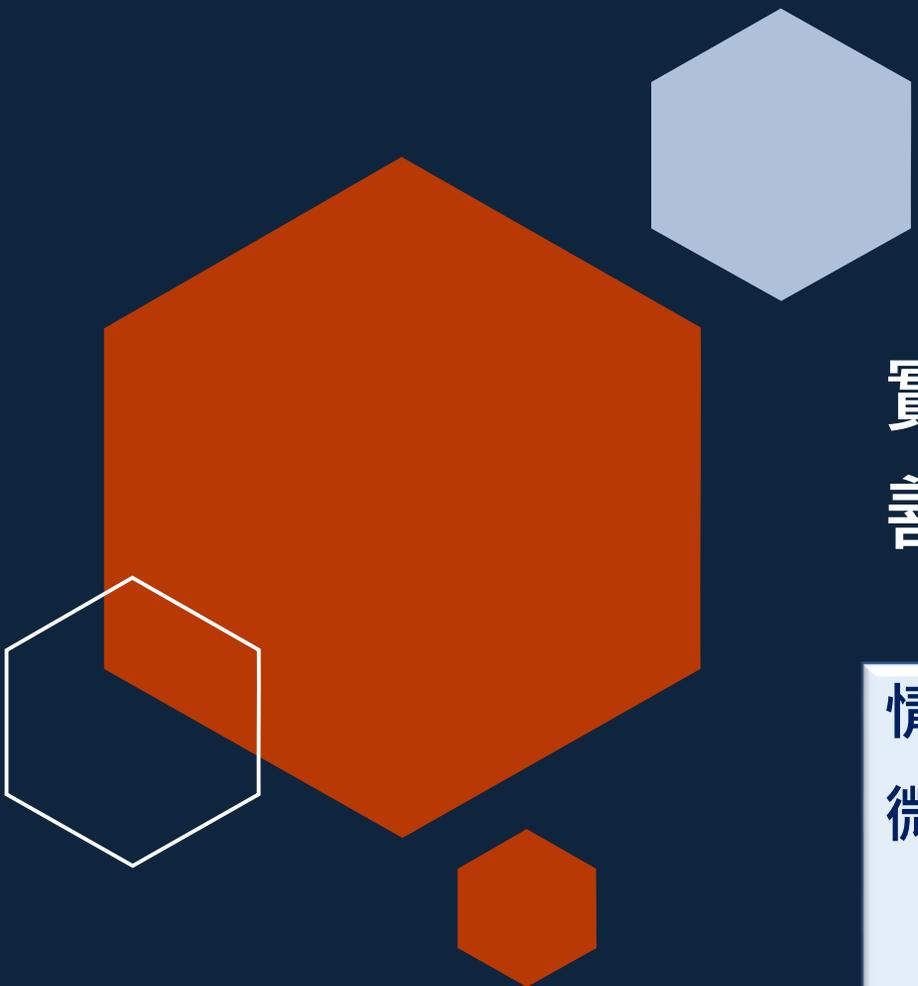
JIF Quartile

JIF Percentile

Category

JCI Quartile

JCI Percentile



用JCR資料庫
查期刊評比

實機操作：
善用「Filter功能」限制檢索條件

情境：

微生物學領域中有哪些Q1-Q2期刊屬於Gold OA？

JCR實機操作

The world's leading journals and publisher-neutral data

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



Already have a manuscript?

Find relevant, reputable journals for potential publication of your research using Manuscript matcher.

Match my manuscript

See full listings and refine your search by



Journals



Categories



Publishers



Countries/Regions

瀏覽

所有期刊

Filter功能

Filter ✕

Journals (21,762) >

ISSN/eISSN >

Categories (229) ● >

Publishers (8,555) >

Country / region (112) >

Citation Indexes ● >

JCR Year ● >

Open Access ● >

JIF Quartile ● >

JIF Range >

JCI Range >

JIF Percentile >

Reset Apply

Search categories (Web of Science)

Search

- Biophysics
- Biotechnology & Applied Microbiology
- Business
- Business, Finance
- Cardiac & Cardiovascular Systems
- Cell & Tissue Engineering
- Cell Biology
- Chemistry, Analytical
- Chemistry, Applied
- Chemistry, Inorganic & Nuclear
- Chemistry, Medicinal
- Chemistry, Multidisciplinary
- Chemistry, Organic
- Chemistry, Physical
- Clinical Neurology
- Communication
- Computer Science, Artificial Intelligence
- Computer Science, Cybernetics
- Computer Science, Hardware & Architecture
- Medical Laboratory Technology
- Medicine, General & Internal
- Medicine, Legal
- Medicine, Research & Experimental
- Metallurgy & Metallurgical Engineering
- Meteorology & Atmospheric Sciences
- Microbiology
- Microscopy
- Mineralogy
- Mining & Mineral Processing
- Multidisciplinary Sciences
- Mycology
- Nanoscience & Nanotechnology
- Neuroimaging
- Neurosciences
- Nuclear Science & Technology
- Nursing
- Nutrition & Dietetics
- Obstetrics & Gynecology
- Oceanography

Filter功能

Filter

Open Access (OA)

Filter on OA status at the Journal or publication level. To show the relationship between OA status of publications and citations in the JCR Journal data, the two gold OA types (DOAJ and Other Gold in the Web of Science Core Collection) are grouped together.

Journal Level Filters

DOAJ Gold Open Access

No Filters Applied

Article Level Filters

From % To %

Open Access

Reset Apply

Filter

JIF Quartile

Filter on those journals that fall within the selected Quartile(s) when ranked by Journal Impact Factor in a category.

Quartile 1

Quartile 2

Quartile 3

Quartile 4

JIF Quartile

Reset Apply

14 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



Copy query link

Export

Indicators: Default

Customize

SCIE

MICROBIOLOGY

JIF Quartile: Q1

Filter

3

Journal name	ISSN	eISSN	Category	Total Citations	2022 JIF	JIF Quartile	2022 JCI	% of OA Gold
<input type="checkbox"/> Lancet Microbe	N/A	2666-5247	MICROBIOLOGY - SCIE	4,054	38.2	Q1	4.99	87.88 %
<input type="checkbox"/> Microbiome	2049-2618	2049-2618	MICROBIOLOGY - SCIE	20,983	15.5	Q1	3.04	100.00 %
<input type="checkbox"/> Emerging Microbes & Infections	N/A	2222-1751	MICROBIOLOGY - SCIE	11,189	13.2	Q1	2.55	96.00 %
<input type="checkbox"/> Gut Microbes	1949-0976	1949-0984	MICROBIOLOGY - SCIE	11,846	12.2	Q1	2.12	99.70 %
<input type="checkbox"/> npj Biofilms and Microbiomes	N/A	2055-5008	MICROBIOLOGY - SCIE	2,864	9.2	Q1	1.97	99.60 %



用JCR資料庫
查期刊評比

實機操作：
善用「Filter功能」限制檢索條件

情境：

台灣在2023公布的JCR名單中，共有多少期刊進入
SCIE與SSCI（採2022 JIF）？

Filter功能



Filter

- Journals (21,762) >
- ISSN/eISSN >
- Categories (254) >
- Publishers (8,555) >
- Country / region (112) >**
- Citation Indexes >
- JCR Year >
- Open Access >
- JIF Quartile >
- JIF Range >
- JCI Range >
- JIF Percentile >

Country / region

Taiwan

TAIWAN

Reset Apply

Filter

- Journals (21,762) >
- ISSN/eISSN >
- Categories (229) >
- Publishers (8,555) >
- Country / region (112) ● >
- Citation Indexes ● >**
- JCR Year >
- Open Access >
- JIF Quartile >
- JIF Range >
- JCI Range >
- JIF Percentile >

Citation Index

Filter on specific editions of the Web of Science Core Collection. By default, all are selected.

- Science Citation Index Expanded (SCIE)
- Social Science Citation Index (SSCI)
- Arts & Humanities Citation Index (AHCI)
- Emerging Sources Citation Index (ESCI)

Reset Apply

38 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region



Copy query link

Export

Indicators: Default

Customize

TAIWAN

SCIE

SSCI

Filter

3

Journal name	ISSN	eISSN	Category	Total Citations	2022 JIF	JIF Quartile
<input type="checkbox"/> JOURNAL OF BIOMEDICAL SCIENCE	1021-7770	1423-0127	Multiple	8,849	11.0	Q1 1.37 98.97 %
<input type="checkbox"/> JOURNAL OF MICROBIOLOGY IMMUNOLOGY AND INFECTION	1684-1182	1995-9133	Multiple	5,137	7.4	Q1 1.48 96.00 %
<input type="checkbox"/> Journal of the Taiwan Institute of Chemical Engineers	1876-1070	1876-1089	ENGINEERING, CHEMICAL - SCIE	18,265	5.7	Q1 0.90 1.45 %
<input type="checkbox"/> CHINESE JOURNAL OF PHYSICS	0577-9073	0577-9073	PHYSICS, MULTIDISCIPLINARY - SCIE	6,771	5.0	Q1 1.15 1.28 %
<input type="checkbox"/> Journal of Traditional and Complementary Medicine	2225-4110	2225-4110	INTEGRATIVE & COMPLEMENTARY MEDICINE - SCIE	2,566	4.5	Q2 1.37 95.63 %



其他問題

收錄在JCR的期刊卻沒有JIF值？
期刊為什麼會被JCR除名？

沒有JIF值的原因

自2023年起公布的數據中，即2022 JCR Data，才開始提供 AHCI 與 ESCI 期刊的JIF值

- 在擷取數據時，期刊沒有完整的數據能夠計算JIF值，就會在該欄位出現N/A
- 期刊若被收在AHCI及ESCI，但未收錄於SCIE，僅從2022年起有JIF值
- 若期刊僅缺某一年度數據，可查看[JCR Help](#)網頁，確認是否為當年度「被鎮壓的期刊」

鎮壓期刊 (Title Suppressions)

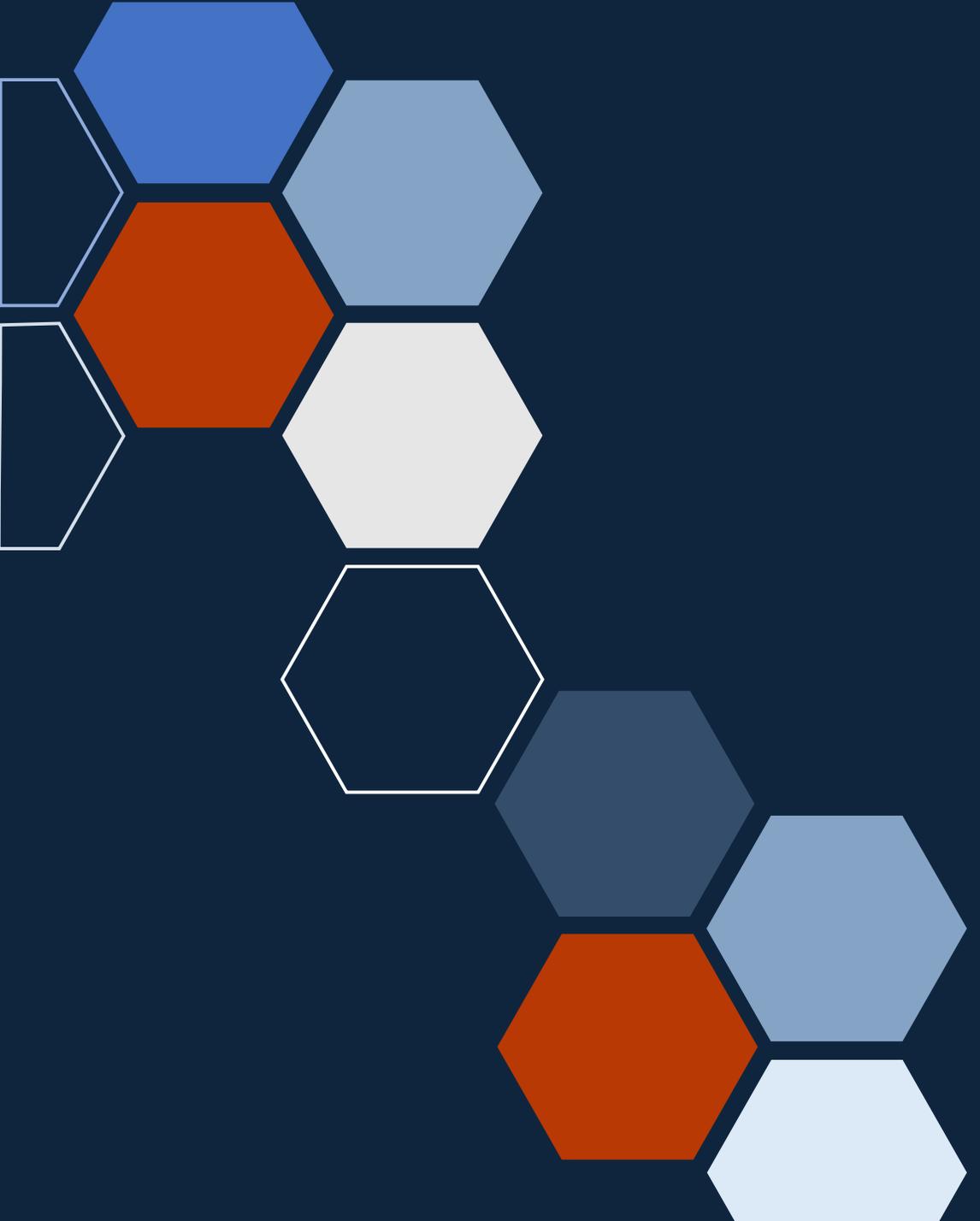


鎮壓期刊 (Title Suppressions)

- JCR每年更新資訊時會同時公布鎮壓期刊清單
- 被鎮壓期刊當年度不會提供JIF值
- 為了解除名風險，查看資訊時，需同時留意自我引用、
期刊互引與引用堆疊情形

延伸閱讀：

1. 投稿前一定要認知的JCR警告期刊風險！
2. JCR 2022最新鎮壓原則——引用自我堆疊(Self-Stacking)



WoS衍伸出的產品

Essential Science Indicators
(ESI)

ESI資料庫

Essential Science Indicators (ESI)

- ✓ 以 Web of Science 內的SCIE及SSCI期刊文章為基準，計算被引次數，篩選出各領域頂尖文章、機構、期刊、學者
- ✓ 分析資料限定於文章 (Articles)、評論 (reviews) 2 種類型
- ✓ 被引用次數僅計算來自 SCIE、SSCI、A&HCI的引用，不包含被其他 WOS 資料庫 (如：CPCI、BCI) 引用的次數

延伸閱讀：

[Essential Science Indicators\(ESI\)頂尖學術指標查詢](#)

ESI資料庫

- ✓ 定義：過去 10 年內 (除Hot papers 為 2 年) ， 被引用次數排名在前 N% 的文章、機構、期刊、學者、國家

項目	百分位數	資料年份
Researchers 學者	1%	10 年
Institutions 機構	1%	10 年
Countries 國家	50%	10 年
Journals 期刊	50%	10 年
Highly Cited Papers 高被引文章	1%	10 年
Hot Papers 熱門文章	0.1%	2 年

ESI資料庫

- ✓ 統計時間：往前回溯 10 年(+)為基準，起始日期固定為最早年份的 1 月 1 日，每 2 個月更新

— ESI Data Update Schedule for the year 2024 and Beyond

The following schedule is an overview of upcoming ESI data releases through March 2025:

Release date and time are in USA EST time zone.

10年+N個月

ESI Updates	Coverage	Release Date*
5th bi-Monthly 2023	2013 - October 2023	Thursday, January 11, 2024
6th bi-Monthly 2023	2013 - December 2023	Friday, March 15, 2024
1st bi-Monthly 2024	2014 - February 2024	Thursday, May 9, 2024
2nd bi-Monthly 2024	2014 - April 2024	Thursday, July 11, 2024
3rd bi-Monthly 2024	2014 - June 2024	Thursday, September 12, 2024
4th bi-Monthly 2024	2014 - August 2024	Thursday, November 14, 2024
5th bi-Monthly 2024	2014 - October 2024	Thursday, January 9, 2025
6th bi-Monthly 2024	2014 - December 2024	Thursday, March 13, 2025

第6次更新

實際計算年份為11年



用ESI資料庫
查文章評比

實機操作：
查詢特定「研究領域」的頂尖文章

情境：

臨床醫學領域中有哪些高被引文章？臺灣在該領域的整體表現如何？臺大又有多少篇文章被收錄？

ESI 資料庫

Indicators



Top Papers by Research Fields

Results List

Research Fields

Filter Results By ?

Changing the filter field removes all current filters.

Add Filter »

Include Results For

Top Papers

Clear

Save Criteria

共22個學科領域，以瀏覽方式查看

點按查看頂尖文章

Total: 22	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	CLINICAL MEDICINE	3,600,751	56,361,945	15.65	36,015
2	CHEMISTRY	2,168,320	40,929,273	18.88	21,589
3	ENGINEERING	2,152,716	29,465,341	13.69	21,469
4	MATERIALS SCIENCE	1,356,824	29,130,131	21.47	13,619
5	BIOLOGY & BIOCHEMISTRY	904,165	18,882,199	20.88	9,159
6	PHYSICS	1,199,937	16,939,152	14.12	12,139
7	MOLECULAR BIOLOGY & GENETICS	564,327	15,924,023	28.22	5,659
8	ENVIRONMENT/ECOLOGY	885,139	15,699,678	17.74	8,909
9	SOCIAL SCIENCES, GENERAL	1,281,700	12,981,447	10.13	12,749
10	NEUROSCIENCE & BEHAVIOR	614,242	12,811,242	20.86	6,129

Papers by Research Field

Sort By Citations

Customize Documents

1 - 10 of 36,015

Citation Trends

Documents

Filter Results

Add Filter »

Include Results

Top Papers

Clear

Attributes ?

Research Fields >

Authors >

Institutions >

Countries/Regions >

Journals >

Research Fronts >

Publication Years >

Titles >

1 **CANCER STATISTICS, 2021**

By: SIEGEL, RL; MILLER, KD; FUCHS, HE; et.al
Source: CA-A CANCER JOURNAL FOR CLINICIANS 71 (1): 7-33 JAN 2021
Research Fields: CLINICAL MEDICINE

Times Cited: 54,463

2 **CANCER STATISTICS, 2021**

By: SIEGEL, RL; MILLER, KD; FUCHS, HE; et.al
Source: CA-A CANCER JOURNAL FOR CLINICIANS 71 (1): 7-33 JAN 2021
Research Fields: CLINICAL MEDICINE

54,463

3 **CANCER INCIDENCE AND MORTALITY WORLDWIDE: SOURCES, METHODS AND MAJOR PATTERNS IN GLOBOCAN 2012**

By: FERLAY, J; SOERJOMATARAM, I; DIKSHIT, R; et.al
Source: INTERNATIONAL JOURNAL OF CANCER 136 (5): E359-E386 MAR 1 2015
Research Fields: CLINICAL MEDICINE

Times Cited: 18,940

4 **GLOBAL CANCER STATISTICS 2020: GLOBOCAN ESTIMATES OF INCIDENCE AND MORTALITY WORLDWIDE FOR 36 CANCERS IN 185 COUNTRIES**

By: SUNG, H; FERLAY, J; SIEGEL, RL; et.al
Source: CA-A CANCER JOURNAL FOR CLINICIANS 71 (3): 209-249 MAY 2021
Research Fields: CLINICAL MEDICINE

Times Cited: 17,994

5 **CLINICAL FEATURES OF PATIENTS INFECTED WITH 2019 NOVEL CORONAVIRUS IN WUHAN, CHINA**

By: HUANG, CL; WANG, YM; LI, XW; et.al
Source: LANCET 395 (10223): 497-506 FEB 15 2020
Research Fields: CLINICAL MEDICINE

Times Cited: 16,649

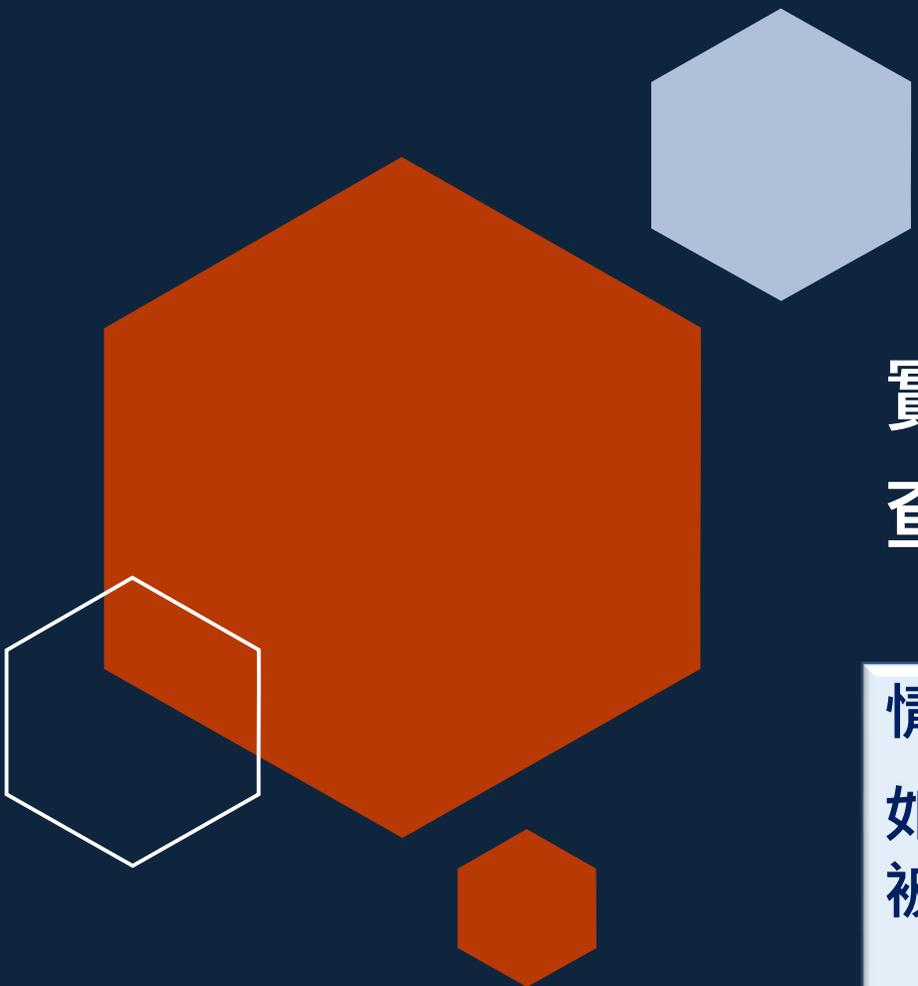
善用Filter欄位，增加檢索條件，例：

- 臺灣在該領域的整體表現？(Countries)
- 臺大在該領域中的文章有多少篇？(Institutions)
- 發表在Lancet期刊的文章有幾篇？(Journals)



賀本校師長榮獲 「2023年度全球高被引學者」

鄭安理教授 (臨床醫學) 、 陳浩銘教授 (化學領域)
楊志新教授 (臨床醫學) 、 黃明蕙教授 (經濟商學)
吳嘉文教授 (跨領域) 、 **劉如熹教授 (跨領域)**



用ESI資料庫
查作者評比

實機操作：
查詢特定「作者」的高被引文章

情境：

如何查詢臺灣大學劉如熹教授(Liu, RS)所發表的高被引文章？

ESI 資料庫

Top Papers by Research Fields

Results List

Research Fields

Filter Results By

Attributes ?

Research Fields >

Authors >

Institutions >

Countries/Regions >

Journals >

Research Fronts >

Add Filter »

Search Author

Include Results For

Top Papers

Clear Save Criteria

Map View by Top / Hot / Highly Cited Papers

Results List

Research Fields

Filter Results By ?

Changing the filter field removes all current filters.

Add Filter »

Liu, RS

LIU, RS

Include Results For

Top Papers

Clear Save Criteria

Cites Cites/Paper Top Papers

	Cites	Cites/Paper	Top Papers
1	56,361,945	15.65	36,015
0	40,929,273	18.88	21,589
6	29,465,341	13.69	21,469
4	29,130,131	21.47	13,613
5	18,882,199	20.88	9,152
7	16,939,152	14.12	12,132
7	15,924,023	28.22	5,654
9	15,699,678	17.74	8,902
9	1,281,700	10.13	12,749
10	614,242	20.86	6,122

9 SOCIAL SCIENCES, GENERAL

10 NEUROSCIENCE & BEHAVIOR

作者名以簡稱查詢，為區分不同領域中有相同姓名者，先以 (1) Research Fields 限定 (2) 查作者名Liu, RS

ESI 資料庫

Results List

Research Fields

Filter Results By ?

Changing the filter field removes all current filters.

Add Filter »

× LIU, RS

Include Results For

Top Papers

Clear Save Criteria

Map View by Top / Hot / Highly Cited Papers Show Visualization +

Report View by Selection Customize

Total: 4	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	CHEMISTRY	285	11,062	38.81	11
2	MATERIALS SCIENCE	209	8,542	40.87	3
3	ENGINEERING	124	1,783	14.38	4
0	ALL FIELDS	1,148	30,007	26.14	25

作者在資料庫中的分類屬「跨領域」

ESI 資料庫

Papers by Research Field

Citation Trends

Sort By Citations

Customize Documents

1 - 10 of 25

Documents

Filter Results By ?

Add Filter »

× LIU, RS

Include Results For

Top Papers

Clear

Save Criteria

1 **SINGLE PLATINUM ATOMS IMMOBILIZED ON AN MXENE AS AN EFFICIENT CATALYST FOR THE HYDROGEN EVOLUTION REACTION**

By: ZHANG, JQ; ZHAO, YF; GUO, X; et.al
Source: NATURE CATALYSIS 1 (12): 985-992 DEC 2018
Research Fields: CHEMISTRY

Times Cited: 1,056

 Research Front

2 **PLASMONIC PHOTOCATALYSIS**

By: ZHANG, XM; CHEN, YL; LIU, RS; et.al
Source: REPORTS ON PROGRESS IN PHYSICS 77 (1): 014201 FEB 2015
Research Fields: PHYSICS

Times Cited: 1,043

3 **HIGHLY EFFICIENT NON-RARE-EARTH RED EMITTING PHOSPHOR FOR WARM WHITE LIGHT-EMITTING DIODES**

By: ZHU, HM; LIN, CC; LUO, WQ; et.al
Source: NATURE COMMUNICATIONS 5: - JUL 2014
Research Fields: MATERIALS SCIENCE

Times Cited: 871

4 **MESOPOROUS SILICA PARTICLES INTEGRATED WITH ALL-INORGANIC CSPBBR₃ PEROVSKITE QUANTUM-DOT NANOCOMPOSITES (MP-PQDS) WITH HIGH STABILITY AND WIDE COLOR GAMUT USED FOR BACKLIGHT DISPLAY**

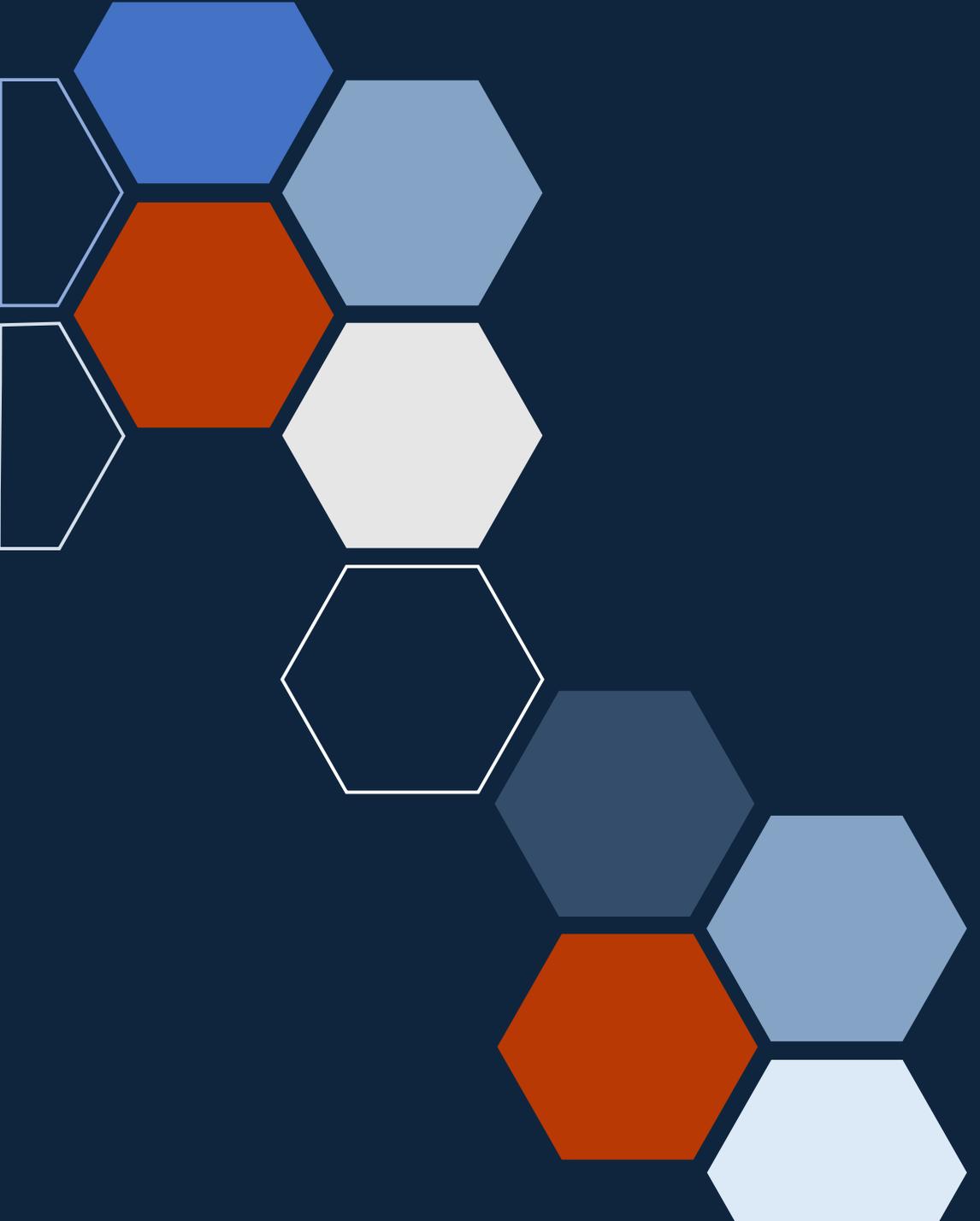
By: WANG, HC; LIN, SY; TANG, AC; et.al
Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION 55 (28): 7924-7929 JUL 4 2016
Research Fields: CHEMISTRY

Times Cited: 665

研究前沿：專業領域中最前鋒的研究，瞭解目前專業領域的研究焦點及未來發展趨勢

ESI其他情境查詢





常見的引文索引資料庫

Scopus

➤ Scopus

- ✓ 由Elsevier所製作的全球最大索引摘要資料庫
- ✓ 收錄內容
 - 2萬5千多本同儕評鑑學術期刊
 - 8,400多萬篇文獻
 - 1,700多萬個作者檔案
 - 收錄超過18億筆被引用文獻
- ✓ 除連續性出版品以外的資料類型
 - 網路學術資源：結合學術資源搜尋引擎 Scirus
 - 專利：世界五大專利局 (USPTO、WIPO、EPO、JPO、UKIPO) 之專利

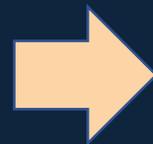
各項指標介紹 (1/4)

2022 CiteScore計算方式



近4年(2019-2022)的文章
在4年內(2019-2022)的被引次數

近4年(2019-2022)的
文章總數



類似JIF值的概念，差別在於
(1) 分母取4年區間
(2) 分子被引次數亦採計4年

各項指標介紹 (2/4)

➤ SJR

- ✓ SCImago Journal Rank
- ✓ 概念源自Google的PageRank演算法
- ✓ 將期刊間的引用給予不同的權重
 - 每個期刊的SJR值來自於引用期刊的SJR值
 - 被SJR值越高的期刊引用，所獲得SJR值越提升
- ✓ 改善Impact Factor只計算引用次數但無法反映個別引用「價值」的缺陷

各項指標介紹 (3/4)

➤ SNIP

- ✓ Source Normalized Impact per Paper
- ✓ 數值經過正規化(normalized)處理
- ✓ 考量不同學科領域的引用情形來比較不同學科領域期刊的引用影響
- ✓ 改善Impact Factor只計算引用次數但無法進行跨領域比較的限制

各項指標介紹 (4/4)

➤ FWCI

- ✓ Field-Weighted Citation Impact
- ✓ 領域權重引用影響係數
- ✓ 單篇文章所獲得的引文次數相比於在同學科領域、同出版年、同文章類型所得到的平均引文次數之比例關係
- ✓ 當FWCI=1時表示該篇文章引用影響力等於全球平均水準

➡ 類似CNCI(Category Normalize Citation Impact)概念



用Scopus資料庫
查期刊評比

實機操作：
查找特定期刊/領域的學術表現

情境：

未被收錄在JCR的期刊，有其他的指標可參考嗎？

Scopus資料庫

查詢已知
期刊名稱



Scopus

以《Performance Philosophy》期刊為例

開始探索

搜尋 來源出版物 SciVal ?

文獻 作者 搜尋研究人員 (Researcher Discovery) Organizations Scopus AI New

搜尋提示 ?

搜尋範圍
來源出版物名稱

搜尋文獻 *
Journal of Informetrics

+ 增加搜尋欄位 新增日期範圍 進階文獻搜尋 >

重設 搜尋

來源出版物

名稱

輸入名稱

Performance Philosophy

performance philosophy

搜尋來源出版物

來源出版物詳情

[回饋 >](#) [比較來源出版物 >](#)

Scopus三大期刊指標

Performance Philosophy

開放取用 ⓘ

Scopus 涵蓋年度: 從 2019 到 2023

發表者: Performance Philosophy

隸屬學科領域

電子版國際標準期刊號: 2057-7176

學科類別: Arts and Humanities: Visual Arts and Performing Arts Arts and Humanities: Philosophy

來源出版物種類 期刊

[查閱所有文獻 >](#)

[設定文獻通知](#)

[儲存到來源出版物清單](#)

CiteScore 2022	0.3
SJR 2022	0.119
SNIP 2022	1.132

[CiteScore](#) [CiteScore 趨勢](#) [Scopus 內容涵蓋範圍](#)

CiteScore 2022

$$0.3 = \frac{2019 - 2022 \text{ 19 個引用次數}}{2019 - 2022 \text{ 76 篇文獻}}$$

計算 05 May, 2023

CiteScore 追蹤2023 ⓘ

$$0.3 = \frac{\text{迄今 17 個引用次數}}{\text{迄今 56 篇文獻}}$$

最後一次更新: 05 March, 2024 • 每個月更新

CiteScore 排行 2022 ⓘ 指標計算方式

類別	排名	百分位數
Arts and Humanities		
Visual Arts and Performing Arts	#310/615	第 49
Arts and Humanities		
Philosophy	#467/762	第 38

排名/百分位

[CiteScore](#) [CiteScore 趨勢](#) [Scopus 內容涵蓋範圍](#)

CiteScore 排名 2022 ⓘ

類別為: Visual Arts and Performing Arts

排名	來源出版物名稱	CiteScore 2022	百分位數
#310	Performance Philosophy	0.3	第 49
☆ 615			
#1	Psychology of Aesthetics, Creativity, and the Arts	8.3	第 9
#2	Television and New Media	7.5	第 9

該領域歷年排名清單

來源出版物



學科領域



輸入學科領域

篩選學科領域

篩選後清單

套用 清除篩選

顯示選項

只顯示開放取用期刊

4 年的引用總數

未選取最小值

最少引用數量

最少文獻數量

CiteScore 最高的四分位數

僅顯示前百分之十的出版物名稱

第一四分位數

第二四分位數

第三四分位數

第四四分位數

- General Arts and Humanities
- History
- History and Philosophy of Science
- Language and Linguistics
- Literature and Literary Theory
- Museology
- Music
- Philosophy
- Religious Studies
- Visual Arts and Performing Arts
- ^ Biochemistry, Genetics and Molecular Biology
- Aging

套用

篩選四分位數 (同JCR之Q1分類)

- 3 New England Journal of Medicine 134.4
- 4 The Lancet 133.2

↓ 下載 Scopus 來源出版物清單 ⓘ 詳細瞭解 Scopus 來源出版物清單

查閱以下年份的計量: 2022

core ↓	最高百分比 ↓	引用次數 2019-22 ↓	文獻 2019-22 ↓	引用 % ↓
	99% 1/366 Oncology	69,429	108	94
	99% 1/380 Molecular Biology	32,874	200	93
	99% 1/830 General Medicine	310,795	2,313	85
	99% 2/830 General Medicine	240,101	1,803	74

Scopus資料庫

來源出版物詳情

提供期刊的相互比較

[比較來源出版物](#)

Minds and Machines

Scopus 涵蓋年度: 從 1991 到 2023

發表者: Springer Nature

國際標準期刊號: 0924-6495 電子版國際標準期刊號: 1572-8641

學科類別: [Arts and Humanities: Philosophy](#) [Computer Science: Artificial Intelligence](#)

來源出版物種類 期刊

[查閱所有文獻](#)

[設定文獻通知](#)

[儲存到來源出版物清單](#)

SCIE

SSCI

CiteScore 2022

8.7



SJR 2022

1.232



SNIP 2022

2.866



最多可以選取 10 個來源出版物進行比較

已選擇的來源出版物: Recovering Political Philosophy x Political Philosophy and Public Purpose x Journal of Political Philosophy x Critical Review of International Social and Political Philosophy x Minds and Machines x

[移除所有選擇](#)

按來源出版物名稱、出版商、ISSN 和/或學科領域搜尋

來源出版物名稱

請輸入出版物名稱 *

political philosophy

例如:細胞、癌症

限制

所有學科類別

搜尋

4 搜尋結果

CiteScore

來源出版物 ↑

CiteScore

Critical Review of International Social and Political Philosophy v 1.0

Journal of Political Philosophy v 2.6

Political Philosophy and Public Purpose v 0.1

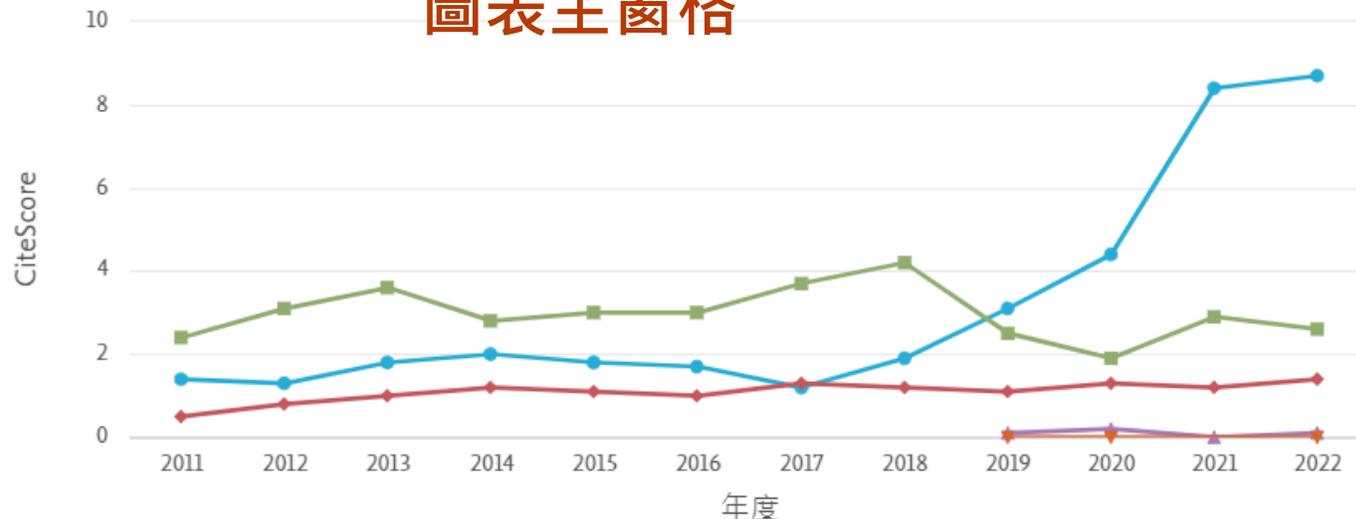
Recovering Political Philosophy v 0.0

搜尋結果篩選的期刊

圖表 表格

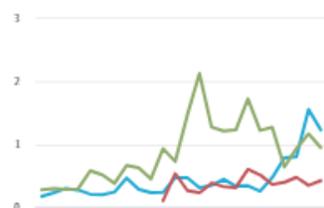
各年度 CiteScore 發表

圖表主窗格

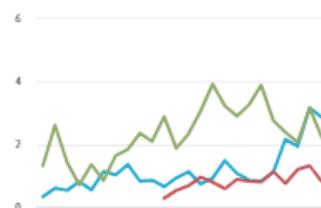


上次更新計算的時間: 24年3月13日

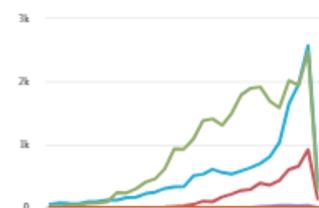
各年度中的 SJR

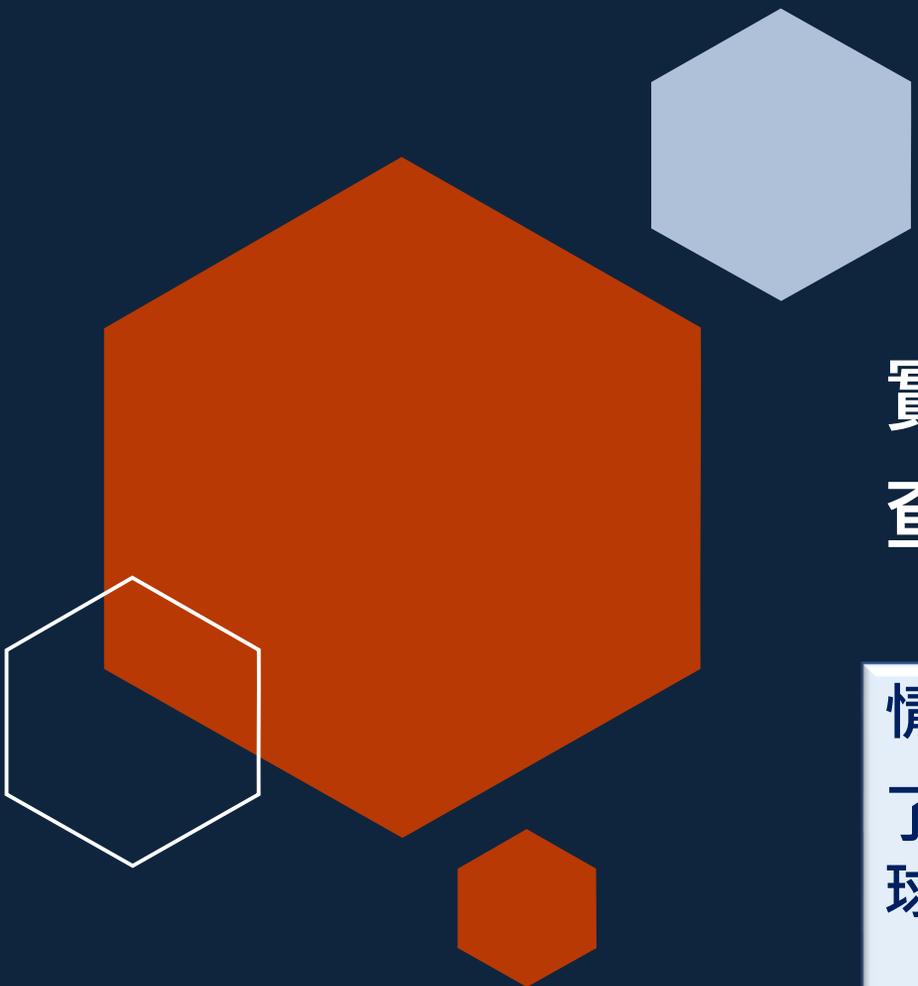


各年度中的 SNIP



各年度中的引用次數





用Scopus資料庫
查作者評比

實機操作：
查詢特定「作者/文章」的綜合表現

情境：

了解臺大高被引學者劉如熹教授(Liu, Ru Shi) 在全球該領域的表現？

Scopus資料庫

查詢特定
作者

開始探索

文獻 **作者** 搜尋研究人員 (Researcher Discovery) Organizations Scopus AI New 搜尋提示 ?

Search authors using: 作者姓名 ORCID 關鍵字 新增

輸入姓氏 *
Liu

輸入名字
Ru-Shi

以姓名全稱查詢

+ 新增機構

搜尋 🔍

全部 顯示文獻 查看引用

	作者	文獻	<i>h-index</i> ⓘ	機構	城市	國家/地區
<input type="checkbox"/> 1	Liu, Ru Shi Siu, R. S. Liu, RS Liu, Rushi	792	96	National Taiwan University	Taipei	Taiwan

從機構判斷正確的作者

查看最近的文獻標題

Scopus資料庫

Liu, Ru Shi

① National Taiwan University, Taipei, Taiwan ② 55513069800 ③ ④ ID 連接到 ORCID 展開

37,502

引用 by 27,908 文獻

792

文獻

96

h-索引 查閱 h-圖表

[View all metrics >](#)

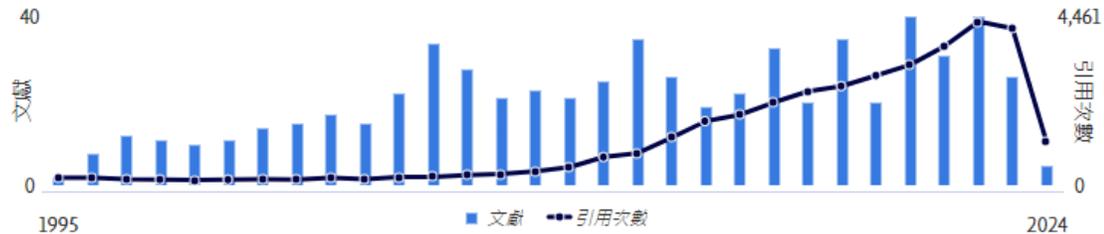
H-Index可看出發表文章的質與量

[設定新通知](#)

[編輯作者檔案](#)

[更多](#)

文獻與引用趨勢



貢獻度最多的主題 2018–2022 ①

Perovskite Solar Cells; Solar Cell; Formamidine

20 篇文獻

Phosphors; Light Emitting Diodes; Solid State Reactions

18 篇文獻

Lithium-air Batteries; Electrocatalysts; Battery

17 篇文獻

[查看所有主題](#)

分析作者的產出與引用趨勢

792 文獻

作者指標

Cited by 27,908 文獻

4 預印本

1,190 共同作者

45 主題

0 獎勵補助款

測試版

Scopus Author metrics provide insight into scholarly impact, helping researchers gauge their influence. Using comprehensive citation data from the last 10 years, Scopus allows authors to track and showcase the reach and significance of their research among the global scientific community.

[了解更多](#)

合作

59.4%

國際合作
與其他國家/地區的研究人員共同合
著的文獻百分比

[Analyze author in SciVal ↗](#)

Documents in top citation percentiles

73.1% (209 documents)

Percent of documents in the top 25%
most cited documents worldwide

[Analyze author in SciVal ↗](#)

2.4%

產學合作
產學合作文獻百分比

分析作者的國際合著、產學合作比

發表文章的被引次數達前25%的比例



發表在Q1期刊(前25%)的文章數量比例



Documents and Field-Weighted Citation Impact

2.80

領域權重引用影響指數 (FWCI)

Note: Highly cited publications for entities with a small scholarly output may skew the FWCI. This metric should be used with care when assessing performance.

[分析作者的產出 >](#)

[Analyze author in SciVal ↗](#)

FWCI值為2.8， 引用影響力超過全球平均值180%



Journal of the American Chemical Society • 開放取用 • 卷 132, 期 9, 頁 3020 - 3028 • 10 March 2010

Versatile phosphate phosphors ABPO₄ in white light-emitting diodes: Collocated characteristic analysis and theoretical calculations

Lin, Chun Che^a; Xiao, Zhi Ren^b; Guo, Guang-Yu^{b, c}; Chan, Ting-Shan^d;

Liu, Ru-Shi^a ✉

將全部儲存到作者清單

單篇文獻的學術表現

^a Department of Chemistry, National Taiwan University, Taipei 106, Taiwan

^b Department of Physics, National Taiwan University, Taipei 106, Taiwan

^c Graduate Institute of Applied Physics, National Chengchi University, Taipei 116, Taiwan

^d National Synchrotron Radiation Research Center, Hsinchu 300, Taiwan

345 98th percentile
在 Scopus 中的引用次數：in
Scopus

6.77
領域權重引用影響指數
(FWCI)

45
瀏覽次
數

查看所有計
量 >

activated Ca₂LuZr garnet phosphors with excellent thermal stability for near-UV-pumped white LEDs

Huang, X. , Cao, L. , Devakumar, B. (2024) *Inorganic Chemistry Communications*

Synthesis and warm white emission performance of single-component Ca₇Mg Eu³⁺ phosphor for white light-emitting diodes

Chen, L. , Zhang, W. , Zhu, H. (2024) *Ceramics International*

Quantum-Cutting Phosphors for Thermal Sensor Applications

Jadhav, A. (2024) *Nanomaterials for Energy and Sensor Applications*

查看所有 345 篇引用文獻

當本文獻在 Scopus 中被引用時通知我:

設定引用新知通報 >

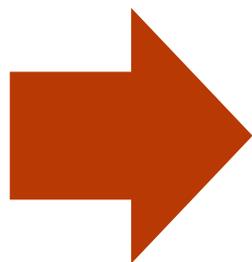
文獻類型
論文 • Green Open Access

來源出版物種類
期刊

ISSN :
15205126

DOI
10.1021/ja9092456

展開 ▾





用Scopus資料庫
查機構評比

實機操作：
查找特定「機構」的學術表現

情境：

想了解臺大2023在各研究領域的發表量大約多少？

Scopus資料庫

開始探索

文獻 作者 搜尋研究人員 (Researcher Discovery) **Organizations** Scopus AI *New*

搜尋提

[Search organizations](#)

National T

以機構名查詢

National Taiwan University

National Taiwan University

No. 1, Sec. 4, Roosevelt Rd., Taipei
Taiwan
Affiliation ID: 60005429

Other name formats: [National Taiwan University](#) [Natl Taiwan Univ](#) [College Of Public Health](#) [National Taiwan University \(ntu\)](#)
[Department Of Electrical Engineering](#)

Affiliation profile actions

- [Give feedback](#)
- [Set document alert](#)
- [Export subject area data](#)

機構作者數

Documents, whole institution
160,816



Documents, affiliation only
139,190

Authors
38,524

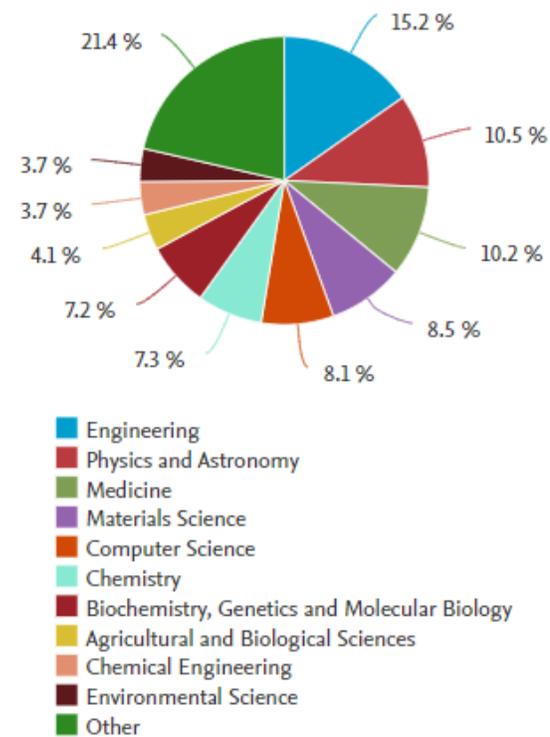
[Documents by subject area](#) [Affiliation hierarchy](#) [Collaborating affiliations](#) [Documents by source](#)

各領域的文章數量

Sort by: [Document count \(high-low\)](#)

National Taiwan University

Engineering	37800	Energy	3858
Physics and Astronomy	26046	Immunology and Microbiology	3462
Medicine	25329	Multidisciplinary	3287
Materials Science	21147	Neuroscience	2543
Computer Science	20037	Business, Management and Accounting	2307
Chemistry	18144	Economics, Econometrics and Finance	2031
Biochemistry, Genetics and Molecular Biology	17932	Arts and Humanities	1979
Agricultural and Biological Sciences	10044	Nursing	1872
Chemical Engineering	9218	Psychology	1566
Environmental Science	9178	Health Professions	1324
Mathematics	9153	Decision Sciences	1254
Earth and Planetary Sciences	6788	Dentistry	839
Social Sciences	5400	Veterinary	733
Pharmacology, Toxicology and Pharmaceutics	4661	Undefined	21





用Scopus資料庫
查機構評比

實機操作：
查找特定「單位」的學術表現

情境：

臺大化工系於2023年發表的文章數有多少？

Scopus資料庫

進階搜尋

[比較來源出版物 >](#)

[< 基本搜尋](#)

進階

透過「AFFIL」指令查詢 可限制檢索詞出現在同一條地址中

[搜尋提示 ⓘ](#)

輸入搜尋字串

[大綱搜尋式](#)

[增加作者姓名/機構](#)

[清除表格](#)

[搜尋](#) 🔍

代碼: AFFIL

名稱: 機構

敘述: AFFIL 是可以搜尋以下作者地址欄位(AFFILCITY、AFFILCOUNTRY、及 AFFILORG) 的合併欄位。
您在搜尋AFFIL 欄位時，可以指定是否要讓您的檢索詞僅限於相同的歸屬機構下進行搜尋。

例如: 如欲找到搜尋檢索詞是發生在相同歸屬機構的文獻，使用 `AFFIL(london and hospital)`
如欲找到兩個檢索詞均在文獻中，但不一定要在同一個歸屬機構時，則用 `AFFIL(london) and AFFIL(hospital)`
如需更多資訊及範例，請在說明檔中參閱「搜尋歸屬機構及參考文獻」。

運算子

AND +

OR +

AND NOT +

PRE/ +

W/ +

欄位代碼 ⓘ

文字內容

機構

機構 (AFFIL) +

歸屬城市 (AFFILCITY) +

歸屬國家/地區 (AFFILCOUNTRY) +

機構 ID (AF-ID) +

機構 (AFFILORG) +

作者

生物實體

化學實體

會議

Scopus資料庫

指令代碼	說明	指令檢索	範例 (當一篇文章有 2 位作者)
AFFIL	限制在同一條地址中的機構欄	AFFIL ("chemical engineering" AND "national taiwan university")	1. Department of Chemical Engineering, National Taiwan University , Taipei, 10617, Taiwan 2. School of Chemical Engineering and Technology, Tianjin University, Tianjin, 300072, China
AFFILORG	查所有作者地址條的機構欄，不一定出現在同一條地址	AFFILORG ("chemical engineering" AND "national taiwan university")	1. Department of Chemical Engineering , Philadelphia, United States 2. Graduate Institute of Applied Science and Technology, National Taiwan University , Taipei, 10617, Taiwan

Scopus資料庫

進階搜尋

修正檢索：
機構查詢「台大」並排除「台科大」

< 基本搜尋

進階

搜尋提示 ?

輸入搜尋字串

AFFIL ("chemical engineering" AND "national taiwan university" AND NOT "national taiwan university of science and technology")

大綱搜尋式

增加作者姓名/機構

清除表格

搜尋 🔍

延伸閱讀：

1. [SCOPUS 機構 / 學校查詢 \(Affiliation Search\) 功能介紹](#)

2. [如何用Scopus「指令檢索」查詢臺大某系所的文章數？\(AFFIL v.s. AFFILORG\)](#)

Scopus資料庫

開始探索

文獻

作者

搜尋研究人員 (Researcher Discovery)

Organizations

Scopus AI New

搜尋提示 ?

搜尋範圍

論文名稱、摘要、關鍵字



搜尋文獻 *

+ 增加搜尋欄位 新增日期範圍 進階文獻搜尋 >

搜尋

可看出限縮機構後的數量差異，
亦可透過「組合搜尋式」達到檢索標的

搜尋記錄

已儲存的搜尋

組合搜尋式

- 2 AFFIL ("chemical engineering" AND "national taiwan university" AND NOT "national taiwan university" of ... 7,154 個結果 設定新知通報 更多
顯示更多
- 1 AFFIL ("chemical engineering" AND "national taiwan university") 10,322 個結果 設定新知通報 更多

Scopus衍伸出的產品

SJR (SCImago Journal & Country Rank)

- ✓ 以 Scopus 內的期刊文章為基準，計算文章間的被引次數
- ✓ 指標：可查領域排名，以SJR指標為主要依據
- ✓ 目的
 - 對研究人員而言，可確認投稿期刊品質
 - 對圖書館而言，可評估館藏典藏政策
 - 對資料分析人員而言，可追蹤期刊發展趨勢

SJR查詢首頁

also developed by scimago:  SCIMAGO INSTITUTIONS RANKINGS

[Journal Rankings](#) [Country Rankings](#) [Viz Tools](#) [Help](#) [About Us](#)

SJR

Scimago Journal & Country Rank

Enter Journal Title, ISSN or Publisher Name 

<https://www.scimagojr.com/>

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Chemical Engineering

Filtration and Separation

All regions / countries

檢索區塊

2019

 Only Open Access Journals Only SciELO Journals Only WoS Journals [?]

Display journals with at least 0

Citable Docs. (3years)

Apply

限縮條件

數據下載

Download data

依SJR數值大小排名

1 - 15 of 15



Title	Type	SJR	H index	Total Docs. (2019)	Total Docs. (3years)	Total Refs. (2019)	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc. (2019)	
1 Journal of Membrane Science	journal	1.898 Q1	32	842	2550	43881	19190	2537	7.48	52.12	
2 Separation and Purification Technology	journal	1.209 Q1	55	1138	1978	54018	12083	1968	6.19	47.47	
3 Separation and Purification Reviews	journal	0.893 Q1	48	21	51	2790	283	50	5.21	132.86	
4 Journal of Separation Science	journal	0.717 Q2	98	364	1549	14230	4257	1526	3.03	39.09	
5 South African Journal of Chemical Engineering	journal	0.687 Q2	11	21	85	872	338	82	4.39	41.52	
6 Membranes	journal	0.537 Q2	33	169	255	9765	821	252	3.31	57.78	
7 Separations	journal	0.412	9	56	124	3066	230	119	2.16	54.75	

檢索結果



Journal of Membrane Science

出版國家

COUNTRY

Netherlands

Universities and research
institutions in Netherlands

主題類別

SUBJECT AREA AND CATEGORY

Biochemistry, Genetics and
Molecular Biology
└ BiochemistryChemical Engineering
└ Filtration and SeparationChemistry
└ Physical and Theoretical
ChemistryMaterials Science
└ Materials Science
(miscellaneous)

出版者

PUBLISHER

Elsevier

H-index數值

H-INDEX

232

刊物類型

PUBLICATION TYPE

Journals

收錄年份

COVERAGE

1976-2020

連結期刊網站& 投稿資訊

INFORMATION

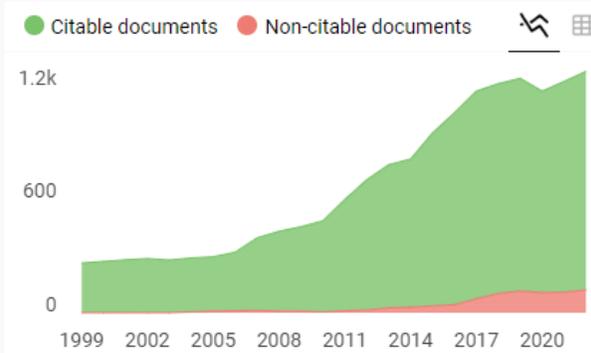
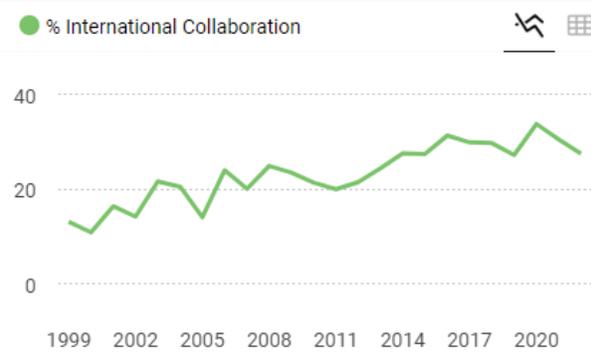
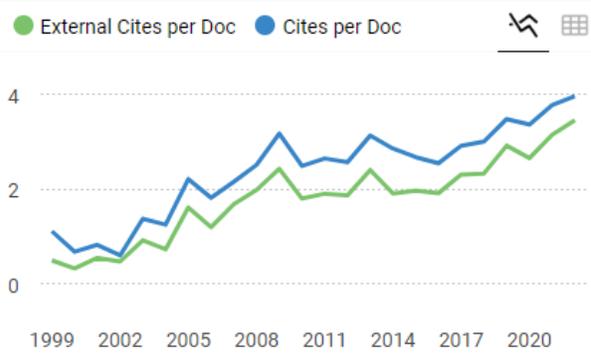
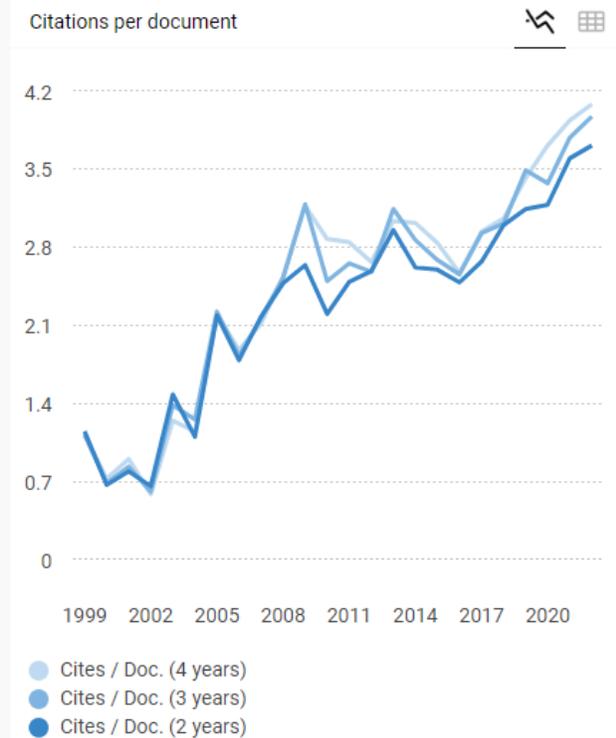
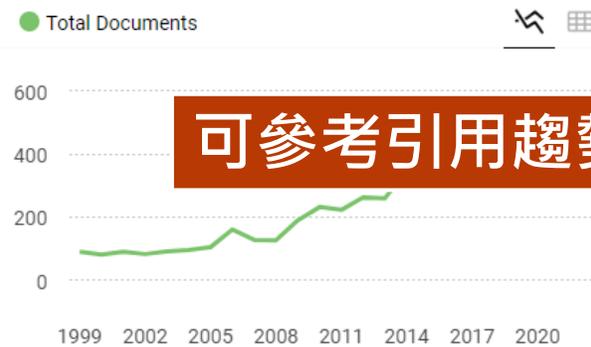
[Homepage](#)[How to publish in this journal](#)[Contact](#)

ISSN

ISSN

03767388

SJR資料庫



可參考引用趨勢的圖表

Scopus衍伸出的產品

SciVal (Science eValuation)

- ✓ 研究競爭力分析系統
- ✓ 以Scopus為資料來源，提供全球220個國家、8500個機構的學術表現，分析學校研究產出於世界的表現，並比較其他學校的差異

世界大學排名QS、THE的被引文獻次數都是
使用Scopus的數據

SciVal查詢架構

機構研究表現

主要研究領域

高影響力期刊

高被引作者

高被引文獻

主要合作機構

優勢領域

歷年來研究表現

標竿比較

全球

各國

校際

學科

領域

THE/QS排名

國際合著

合作網絡

潛在合作對象

合著學者

引用影響力

趨勢分析

SciVal實機操作



The screenshot displays the Scopus website's search interface. At the top left is the Scopus logo. The top navigation bar includes links for '搜尋' (Search), '清單' (List), '來源出版物' (Source Publications), 'SciVal' (highlighted with an orange box), a help icon, a home icon, '新增帳戶' (Add Account), and '登入' (Login). Below the navigation bar, the main heading is '開始探索' (Start Exploring). A secondary navigation bar offers options: '文獻' (Literature), '作者' (Authors), '搜尋研究人員 (Researcher Discovery)', 'Organizations', 'Scopus AI' (with a 'New' tag), and '搜尋提示' (Search Tips). The search area features a dropdown menu for '搜尋範圍' (Search Scope) with the text '論文名稱、摘要、關鍵字' (Article title, abstract, keywords) and a '搜尋文獻*' (Search Literature*) input field. Below these are links for '+ 增加搜尋欄位' (Add search fields), '新增日期範圍' (Add date range), and '進階文獻搜尋' (Advanced literature search). A blue '搜尋' (Search) button is positioned on the right.

Scopus

搜尋 清單 來源出版物 SciVal 新增帳戶 登入

開始探索

文獻 作者 搜尋研究人員 (Researcher Discovery) Organizations Scopus AI *New* 搜尋提示

搜尋範圍
論文名稱、摘要、關鍵字

搜尋文獻*

+ 增加搜尋欄位 新增日期範圍 進階文獻搜尋 >

搜尋

SciVal資料庫

SciVal

Overview | Benchmarking | Collaboration | Trends | Reporting | My SciVal | Scopus

National Taiwan University ★
國立臺灣大學

2013 to 2022 | All subject areas | ASJC | Data sources

Summary | Topics | Rankings | Collaboration | Published | Viewed | Cited | Authors | More...

Summary metrics + Add to Reporting

68,239 ▲ Scholarly Output ⓘ 43.3% All Open Access View list of publications	34,874 ▲ Authors	1.39 Field-Weighted Citation Impact ⓘ Yearly breakdown
1,581,376 Citation Count ⓘ	23.2 Citations per Publication ⓘ	183 h5-index ⓘ

+ Create group | Options ...

Feedback 25

Overview

呈現並了解研究績效

查機構，例：台大的學術表現

世界排名(QS、THE等)

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

Overall **THE World University Rankings** THE Impact Rankings QS World University Rankings

Ranking positions

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

69th

QS World University Rankings 2024
[QS](#)

[Analyze in more detail](#)

152nd

THE World University Rankings 2024
[THE](#)

[Analyze in more detail](#)

201–300

Academic Ranking of World Universities 2023
[Shanghai Ranking](#)

1 researcher

Highly Cited Chinese Researchers
[ShanghaiRanking Consultancy and](#)

[Analyze in more detail](#)

國際合著、產學合作分析等

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

Overall **Top collaborating Institutions**

Geographical Collaboration ⓘ

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

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



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	34.9%	23,830	927,326	38.9	2.31
Only national collaboration	41.2%	28,113	468,150	16.7	0.96
Only institutional collaboration	20.7%	14,095	173,423	12.3	0.84
Single authorship (no collaboration)	3.2%	2,201	12,477	5.7	0.60

Academic-Corporate Collaboration ⓘ

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

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



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
Academic-corporate collaboration	4.4%	3,002	261,866	87.2	

SciVal資料庫

SciVal

Overview | Benchmarking | Collaboration | Trends | Reporting | My SciVal | Scopus ↗

36

SS

查作者，例:劉如熹教授的學術表現

Liu, Ru Shi ☆ [Report from template](#)

TWN National Taiwan University ... [Show all affiliations](#) | [View in Scopus ↗](#) | [Is this you?](#)

2013 to 2022 | All subject areas | ASJC | Data sources

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

+ Add Summary to Reporting | Export

Summary metrics

+ Add to Reporting

286	2.79	19,363
Scholarly Output ⓘ	Field-Weighted Citation Impact ⓘ	Citation Count ⓘ
18.5% All Open Access	Yearly breakdown	
View list of publications		
67.7	95	37
Citations per Publication ⓘ	h-index ⓘ	h5-index ⓘ

SciVal資料庫

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

老師的研究主題及學科主題熱門指數

Topics & Topic Clusters ①

Between 2013 to 2022, Liu, Ru Shi has contributed to:

32 Topic Clusters

70 Topics



Table



Wheel



Scatter

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

All Topic Clusters

Search

Add to panel Create Research Area Prominence percentile over time Tag

Topic Cluster

Phosphors; Luminescence; Light Emission
TC.91

Secondary Batteries; Electric Batteries; Lithium Alloys
TC.30

Photocatalysis; Photocatalysts; Solar Cells
TC.8

Nanocrystals; Semiconductor Quantum Dots; Zinc Sulfide

By this Researcher

Scholarly
Output

Field-Weighted
Citation Impact

Worldwide

Prominence percentile

117

3.02

92.508

72

2.56

99.933

36

3.89

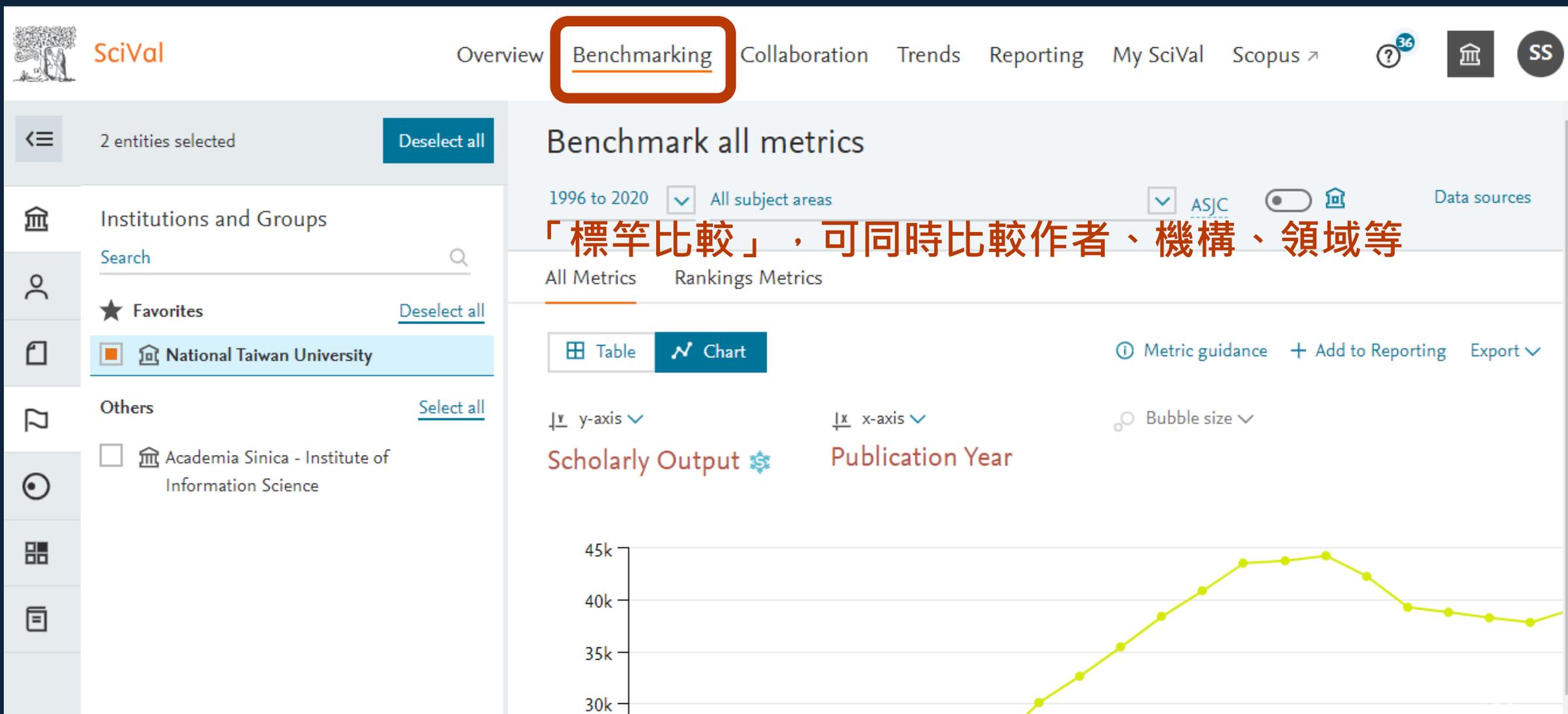
99.799

11

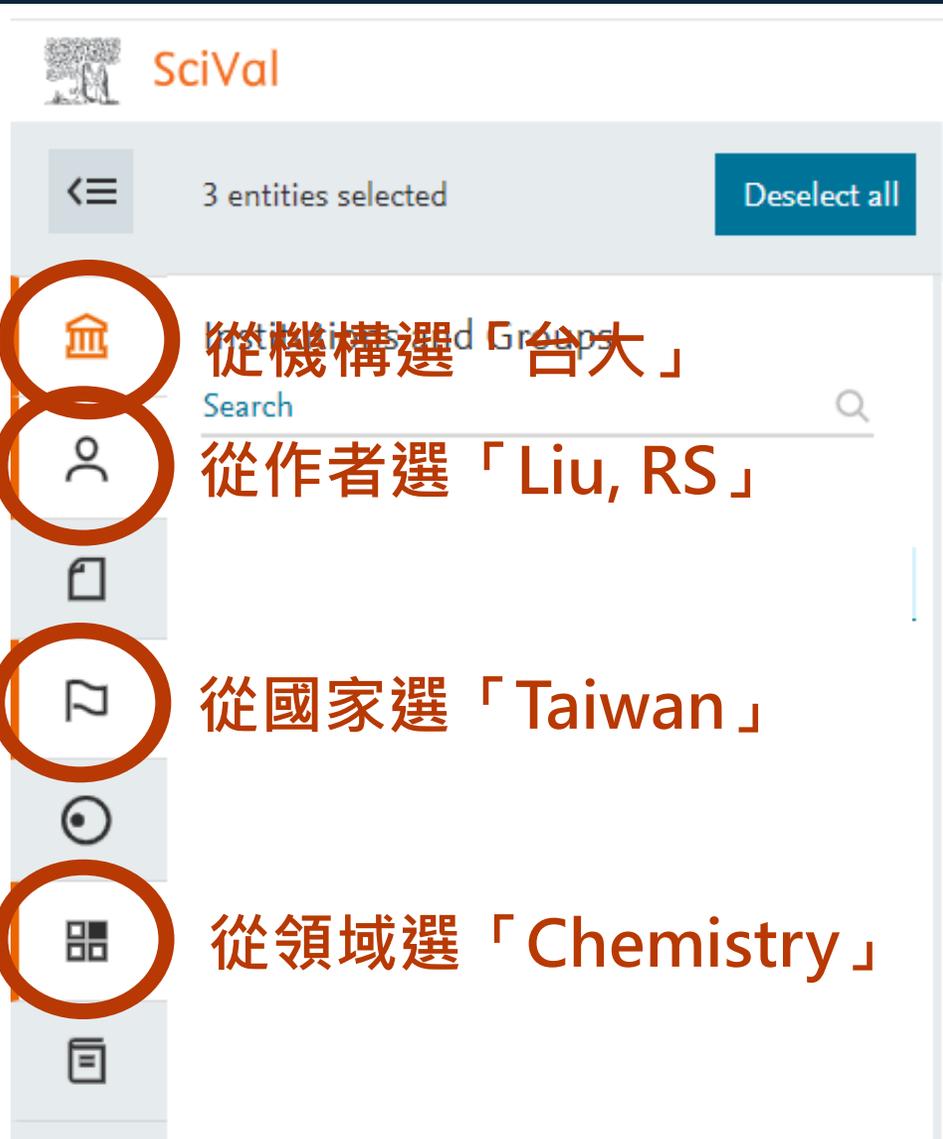
2.71

90.769

SciVal資料庫



SciVal資料庫



當跨作者、領域、機構進行比較時，所呈現的指標應以「平均數值」相互比較，才有意義

y-axis ^

x-axis v

Bubble size v

Output in Top 25% Citation Citations per Publication (excl. Field-Weighted Citation Impact (excl. self-citations) \$

- Search 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
- Number of Citing Countries
- Geographical Collaboration Impact
- Sector Collaboration Impact
- Patents Count
- Scholarly Output cited by Patents

展開X、Y軸，泡泡大小→自行選擇指標

建議可比較的指標有：
FWCI、被引次數達top10%、25%的
發表比例、每篇文章平均被引次數等

Outputs in Top Citation Percentiles \$

The number of publications from a particular entity that are highly cited, having reached a particular threshold of citations received.

Learn more about this metric >

Show as field-weighted

Include self-citations

We no longer offer this metric, due to its limited usefulness. Learn more >

Show the outputs in top:

1% 5% 10% 25%

Thresholds

Show as:

Percentage Total value

Choose metric >



y-axis

Output in Top 25% Citation Percentiles (%)

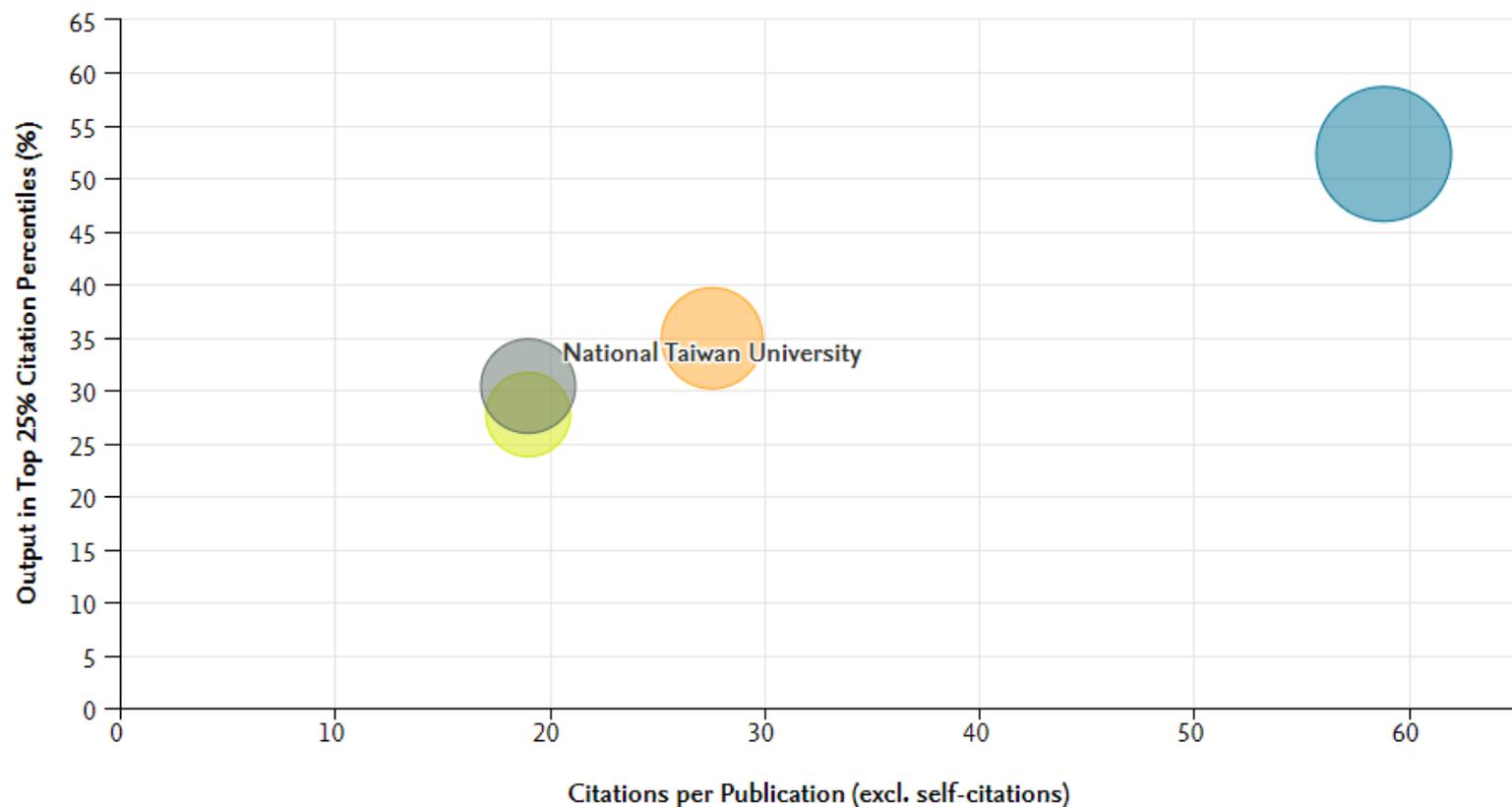
x-axis

Citations per Publication (excl. self-citations)

Bubble size

Field-Weighted Citation Impact (excl. self-citations)

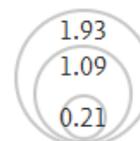
View timeline motion chart



- Liu, Ru Shi
- National Taiwan University
- Chemistry (miscellaneous)
- Taiwan

Hide all chart labels

View list of Scopus Sources for the selected Researchers and Groups



Field-Weighted Citation Impact (excl. self-citations)

關於SciVal教學

Elsevier

SciVal介紹、個案研究與教育訓練：

<https://www.elsevier.com/zh-tw/resources/scival-info>

SciVal 簡介

- [SciVal 介紹 - 分析學術能量，邁向卓越研究](#)
- [SciVal 指標說明](#)
- [SciVal 研究成果分析系統完整資訊](#)
- [Elsevier FingerPrint Engine 核心技術](#)
- [Topic Prominence 熱門研究領域說明](#)
- [SciVal 的 Authorship 讓您快速掌握作者貢獻度與論文影響力](#)
- [SciVal Grants - 結合影響力數據、指標和洞察力與地方知識，以連結專家與支援研究策略](#)
- [SciVal Impact - 將地方知識與影響力資料、指標和獨到觀點結合，為您呈現更廣的研究影響力](#)

排名與影響力相關

- [SciVal 臺灣與新南向國家論文合作概覽](#)
- [大權在握或任重道遠：「通訊作者」在現代研究中代表著什麼意涵？](#)
- [了解 Scopus 和 SciVal 在大學排名中扮演的角色](#)
- [Scopus 完整資訊與 THE 暨 QS 排名](#)

分析報告

- [SDGs 分析報告服務](#)
- [Elsevier 學校研究成果分析報告](#)

教育訓練

- [SciVal 快速參考指南](#)
- [SciVal 教育訓練影片](#)

A collage of business documents, charts, and graphs, viewed from an angle. A white hexagonal shape is overlaid in the center, containing the text 'PERFORMANCE INDICATORS'.

PERFORMANCE
INDICATORS

總結

評比工具與標的之運用(1/2)

引文索引資料庫	評比工具	學術指標	評比標的
Web of Science	WoS資料庫	總引用次數	文章評比
		H指數	作者評比
		平均被引次數	機構評比
	JCR資料庫	期刊影響係數	期刊評比
		5年影響係數	
		立即指數	
		JCI指標	
	ESI資料庫	高被引文章	文章評比
			作者評比
			機構評比
		熱門文章	文章評比
			作者評比
機構評比			

評比工具與標的之運用(2/2)

引文索引資料庫	評比工具	學術指標	評比標的	
Scopus	Scopus資料庫	CiteScore	期刊評比	
		SJR		
		SNIP		
		H指數	作者評比	
		FWCI		
		論文發表量	機構評比	
	SCImago資料庫	SJR	期刊評比	
	SciVal資料庫			文章評比
			FWCI	作者評比
				機構評比
			文章平均被引次數	綜合性標竿比較；
			被引數達全球%比例	國際合著；
			發表於頂尖期刊文章數	校際排名；
		H指數	趨勢分析； 專利評比等	

學術指標「評」什麼

- ✓ 提供文章發表量與被引次數分析
- ✓ 提供系所、期刊、學者評鑑的一種參考依據
- ✓ 無單一完美指標，需多面向同時比較
- ✓ 「綜合學術表現」需輔以其他同儕評鑑標準
- ✓ 善用評比工具，了解研究標的，達到最佳效果

更多學術評鑑文章 - 延伸閱讀

參考服務部落格

Web of Science

- [Impact Factor、引用次數與學術評鑑相關問題懶人包](#)
- [如何查詢與分析期刊被引用狀況？—以 JCR 為例](#)
- [Web of Science 機構 / 學校查詢功能介紹](#)
- [Web of Science Citation Report 功能介紹](#)
- [如何查詢與分析期刊被引用狀況？—以 Web of Science 為例](#)
- [查詢作者國際合著的國家數量與分布—以Web of Science為例](#)
- [Essential Science Indicators\(ESI\)頂尖學術指標查詢](#)

更多學術評鑑文章 - 延伸閱讀

參考服務部落格

Scopus

- [如何在 SCOPUS 查找扣除作者自我引用後的文章被引用次數？](#)
- [SCOPUS 作者查詢 \(Author Search\) 功能介紹](#)
- [SCOPUS — 查詢結果分析功能 \(Analyze Search Results\)](#)
- [查詢作者國際合著的國家數量與分布—以Scopus為例](#)
- [運用領域權重引用影響指數\(FWCI值\)來觀察研究人員學術影響力](#)

更多學術評鑑文章 - 延伸閱讀

參考服務部落格

WoS & Scopus

- 如何查詢文章的被引用次數 (Times Cited) ?
- 如何查詢某期刊每年發表的文章數量 ?
- WOS vs SCOPUS系列-(3)趨勢與分析

更多學術評鑑影片 - 延伸觀看

一分鐘充電站



Web of Science

- SCIE與ESCI有何不同?
- NG！不要再問「連續5年被JCR公佈為高被引論文」怎麼查啦
- 輕鬆了解我的學術影響力(My Author Impact)
- 我們與頂尖學者的距離
- 輕鬆了解我的學術影響力(My Author Impact)

更多學術評鑑影片 - 延伸觀看

一分鐘充電站

Scopus

- 不只有Impact Factor，透過CiteScore指標查期刊表現
- 如何查詢期刊的SJR排名？
- JCR與SJR有何不同？
- 認識領域加權引用影響指數(FWCI值)？

Thank you

圖書館學科服務組 蘇筱喻

siaoyusu@ntu.edu.tw

