



如何使用SDGs

SciVal查詢系統說明手冊

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永續發展目標(SDGs)論文

- 今(2023)年，Elsevier在7/13發布SDGs_2023版關鍵字查詢(如圖參閱本中心網站)，下文便介紹如何使用SciVal分析平台查詢本校或教師之SDGs論文研究現況與趨勢。

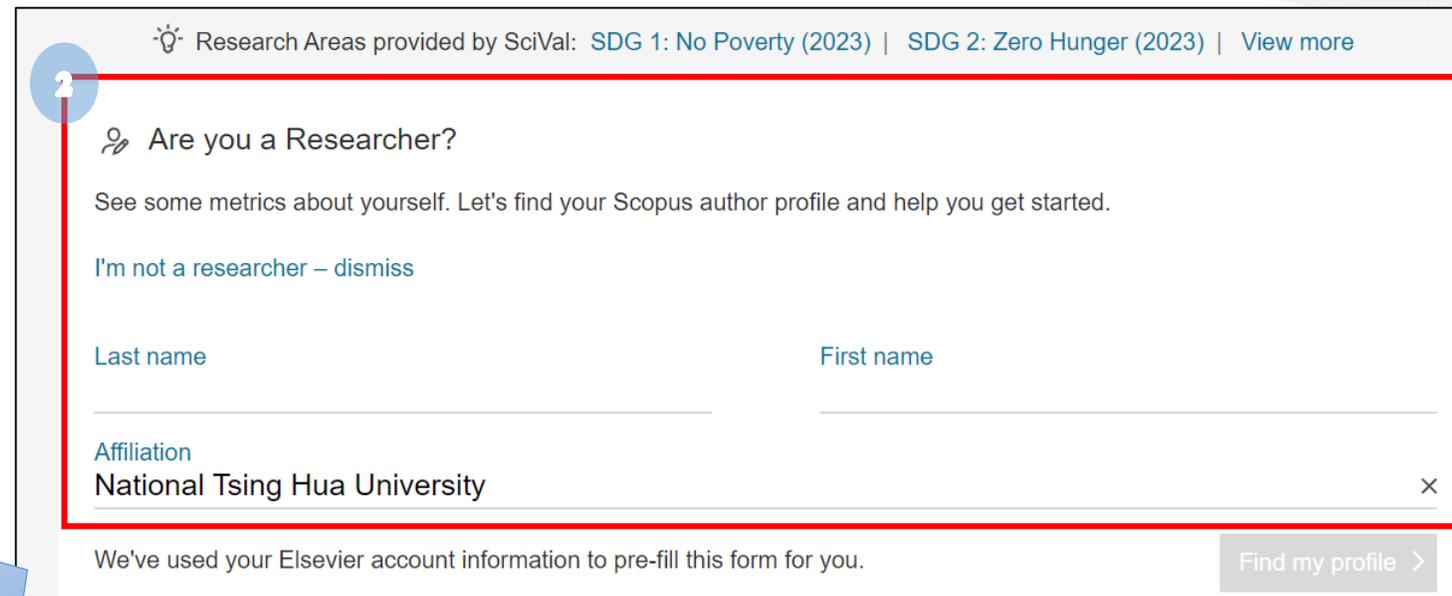
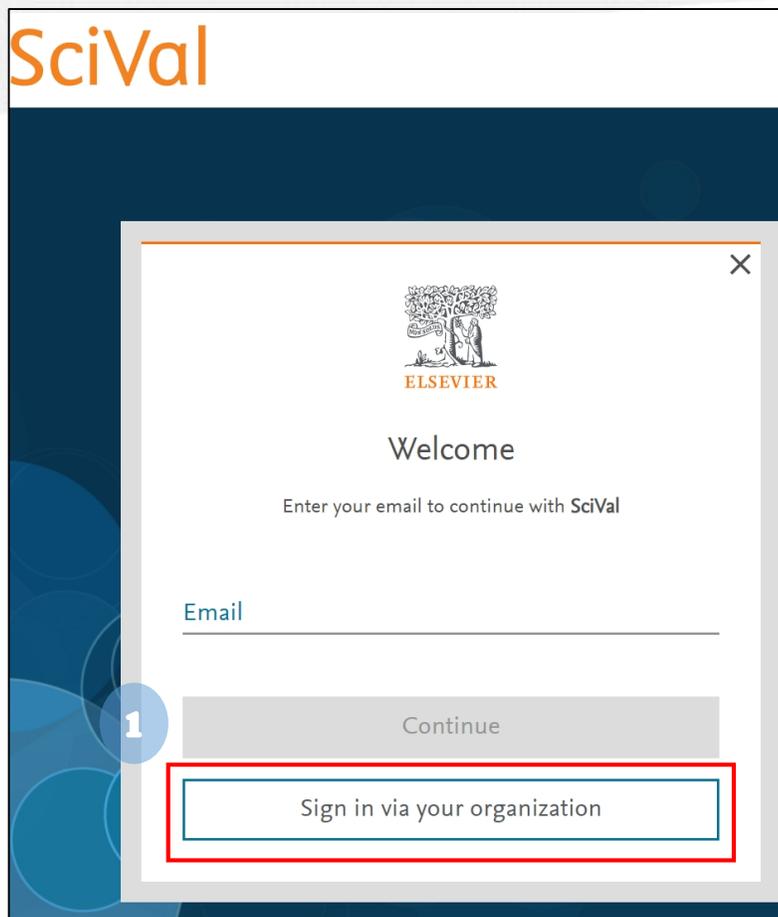


參考資料：

<https://futurecity.cw.com.tw/article/1867>

Bedard-Vallee, Alexandre; James, Chris; Roberge, Guillaume (2023), "Elsevier 2023 Sustainable Development Goals (SDGs) Mapping", Elsevier Data Repository, V1, doi: 10.17632/y2zzy9vwzy.1

1. 註冊SciVal帳號



2 註冊完畢，登入得認領自己的作者檔案，方便未來查詢教師本身研究發表。

1

進入 [SciVal 平台](#)，以本校管理信箱 (mx.nthu或G Suite等)註冊，可以在校內外使用完整SciVal平台功能。



2. 查詢SDGs論文

- 下文，將以三種方式說明如何查詢SDGs論文：

The screenshot shows the SciVal website interface. The navigation bar at the top includes 'Overview', 'Benchmarking', 'Collaboration', 'Trends', 'Reporting', 'My SciVal', and 'Scopus'. Below the navigation bar, the main content area is titled 'Welcome to SciVal' and features four large cards: 'Overview', 'Benchmarking', 'Collaboration', and 'Trends'. Each card has a red box around its title and a blue circle with a number (1, 2, or 3) above it, corresponding to the numbered list below the screenshot.

1

綜覽 (Overview) 以 本校論文產出 查詢SDGs論文

2

標竿 (Benchmarking) 以 教師論文產出 查詢SDGs論文

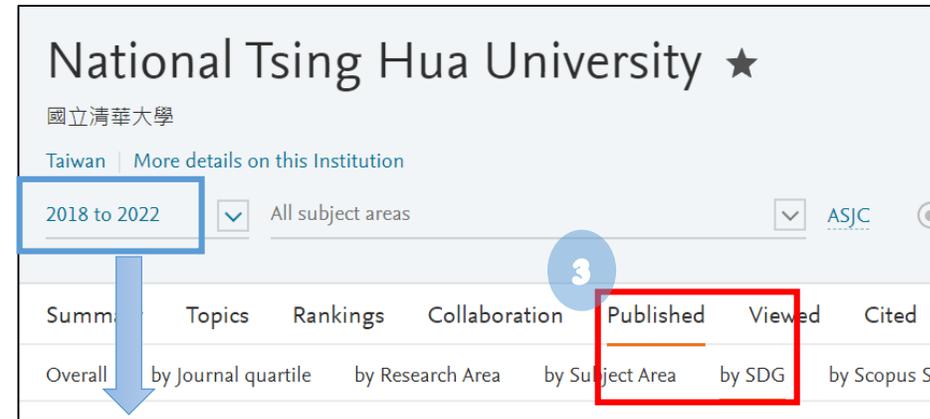
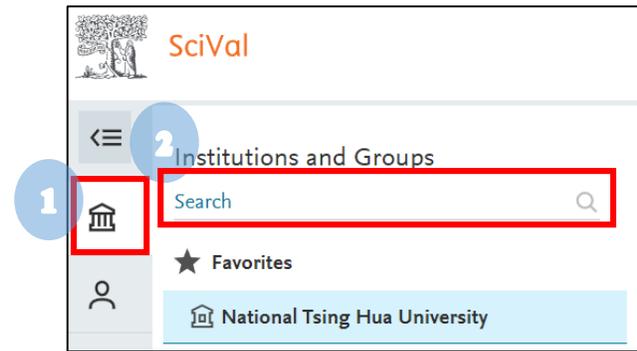
3

趨勢 (Trends) 以 全球SDGs論文 查詢本校或教師SDGs論文趨勢分布



3-1. 綜覽(Overview)

以本校論文產出查詢SDGs論文(1/2)



註：Overview僅提供近3、5、6、10年研究區間

1 儀表板選擇機構與團體(Institutions and Groups)

2 搜尋欄輸入本校名稱(中英皆可)

3 在本校已出版(Published)選擇by SDG，便可以看到2018-2022年本校各項SDGs論文明細與圖表

3-1. 綜覽(Overview)

以本校論文產出查詢SDGs論文(2/2)

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SDG	Scholarly Output	Field-Weighted Citation Impact	Citation Count
SDG 1: No Poverty	10	0.50	16
SDG 2: Zero Hunger	17	3.01	618
SDG 3: Good Health and Well-being	1,141	1.27	16,785
SDG 4: Quality Education	151	0.92	952
SDG 5: Gender Equality	22	0.58	107
SDG 6: Clean Water and Sanitation	94	1.85	2,241
SDG 7: Affordable and Clean Energy	918	2.42	20,912

3

Publications at National Tsing Hua University

Within: SDG 3: Good Health and Well-being (2023) | Year range: 2018 to 2022

Export

1,141 publications | Save as Publication Set

Title	Authors	Year	Scopus Source	Citat...
		2021	Autophagy	1,123
		2018	Advanced Materials	369

Authors

- 71
- 31
- 27
- 25
- 25

Institutions

- National Tsing Hua University: 1,141

1 本校各SDGs論文數、FWCI與被引用數列表、圖則提供長條圖與雷達圖查看分布及趨勢

2 著作數附超連結可看詳細論文發表明細

3 詳細論文發表明細，圖以SDG3為例。

3-2. 標竿(Benchmarking) 以教師論文產出查詢SDGs論文(1/2)

1 Researchers and Groups

2 Define a new Researcher

3 Last name, First name, Affiliation

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

Author	Publications	Subject Area	Affiliation	Country/Region
[Author Name]	126	Engineering, Medicine, Biochemistry, Genetics and Molecular Biology, Pharmacology, Toxicology and Pharmaceutics, Chemistry, Physics and Astronomy, Materials Science, Environmental Science, Immunology and Microbiology, Chemical Engineering, Neuroscience, Dentistry	University of Wisconsin-Madison	United States

5 Directly go to Save Researcher

1 儀表板選擇研究者與團體(Researchers and Groups)

2 搜尋選擇定義新研究者

3 輸入關鍵資訊(姓名、機構等)越容易找到作者檔案

4 依照出版物、學科領域、服務機構等資訊選擇本人的教師檔案

5 匯出作者進入儀表板



3-2. 標竿(Benchmarking) 以教師論文產出查詢SDGs論文(2/2)

1 Benchmarking

1996 to >2023 | All subject areas | ASJC

All Metrics | Rankings Metrics

Table | Chart | Metric guidance | Add to Reporting | Export

Benchmark one metric over time | Benchmark multiple metrics | Heatmap

Metric: Scholarly Output

Entity	2022	2023	+2023	Overall
	0	0	0	116

116 publications | Save as Publication Set

Title	Authors	Year	Scopus Source	Citations
[Blurred]	[Blurred]	[Blurred]	[Blurred]	[Blurred]

Export

Default selection

- Publication details
- Reference
- Abstract
- EID (Scopus ID)
- PubMed ID
- Sustainable Development Goals (2023)
- Author/Affiliations
- Scopus Affiliation IDs
- Scopus Affiliation names
- Number of Authors
- Scopus Author IDs
- Scopus Author ID First Author
- Scopus Author ID Last Author
- Scopus Author ID Corresponding Author
- Scopus Author ID Single Author
- Country/Region
- Number of Countries/Regions

註：此為 Elsevier SDGs_2023版關鍵字

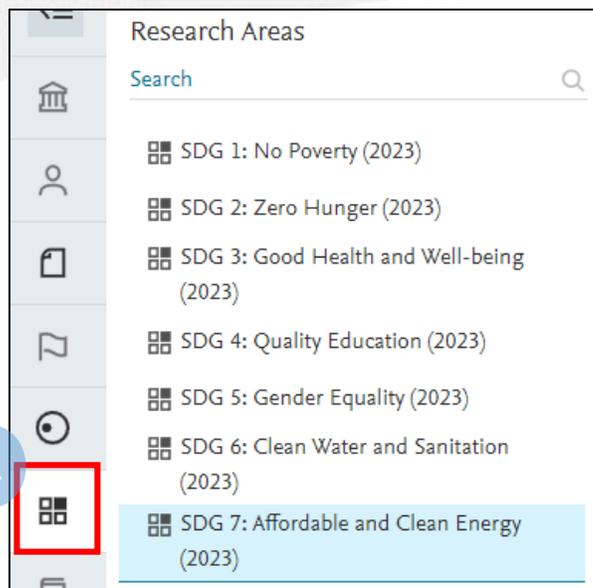
Export CSV | Export XLSX

Data set	Publications of
Year rang	1996 to >2023
Subject cl	ASJC
Filtered b	not filtered
Types of	All publication types
Self-citati-	
Data sour	Scopus
Date last	6 December 2023
Date exp	13 December 2023
116 publications	
Title	Authors
	Sustainab
	SDG 3
	SDG 3

- 出版年份範圍可從1996至今，範例為1996-2023年
- 點擊出版物數量，查看研究發表明細
- 匯出出版明細
- 勾選 Sustainable Development Goals (2023)
- 匯出Excel或CSV檔
- 匯出結果，一篇論文得標記多項SDGs



3-3.趨勢(Trends)以全球SDGs論文 查詢本校或教師SDGs論文趨勢分布(1/3)



1

儀表板選擇研究領域 (Research Areas)內建SDGs_2023版關鍵字查詢，舉例為全球SDG7論文。

2

摘要可查詢全球在SDG7論文的研究發表與文字雲

3

查看本校或教師論文趨勢



3-3.趨勢(Trends)

以全球SDGs論文查詢本校論文趨勢分布(2/3)

SDG 7: Affordable and Clean Energy (2023) ☆

View Research Area definition

2018 to 2022

Summary Institutions Countries & Regions Authors Scopus Sources Keyphrases

1 Top Institutions

Asia Pacific Taiwan Academic reset filter

Table Visualization Metric guidance + Add

Top 100 Institutions in this Research Area, by Scholarly Output
Scroll to Home Institution

Compare over time Add to panel Tag + Create group

Institution	Scholarly Output ↓	Views Count ↓	Field-Weighted Citation Impact ↓
1. National Taiwan University	1,628	59,298	1.45
2. National Cheng Kung University	1,499	68,972	1.41
3. National Taiwan University of Science and Technology	990	34,346	1.37
4. National Yang Ming Chiao Tung University	983	28,386	1.57
5. National Tsing Hua University	918	27,447	2.42

3 Activity of National Tsing Hua University

Within: SDG 7: Affordable and Clean Energy (2023) | Year range used for metrics: 2018 to 2022

Summary

Performance

918 Scholarly Output

2.42 Field-Weighted Citation Impact

369 International Collaborations

27,447 Views Count

20,912 Citation Count

Collaboration

International Collaboration

Publications co-authored with Institutions in other countries/regions

National Tsing Hua University: 40.2%

Top 15 keyphrases

Top 15 keyphrases by relevance, based on 918 publications

- Electrode
- Lithium Battery
- Solar Cell

1 篩選限縮區域、國家/地區、機構類型，可查看SDGs論文發表狀況

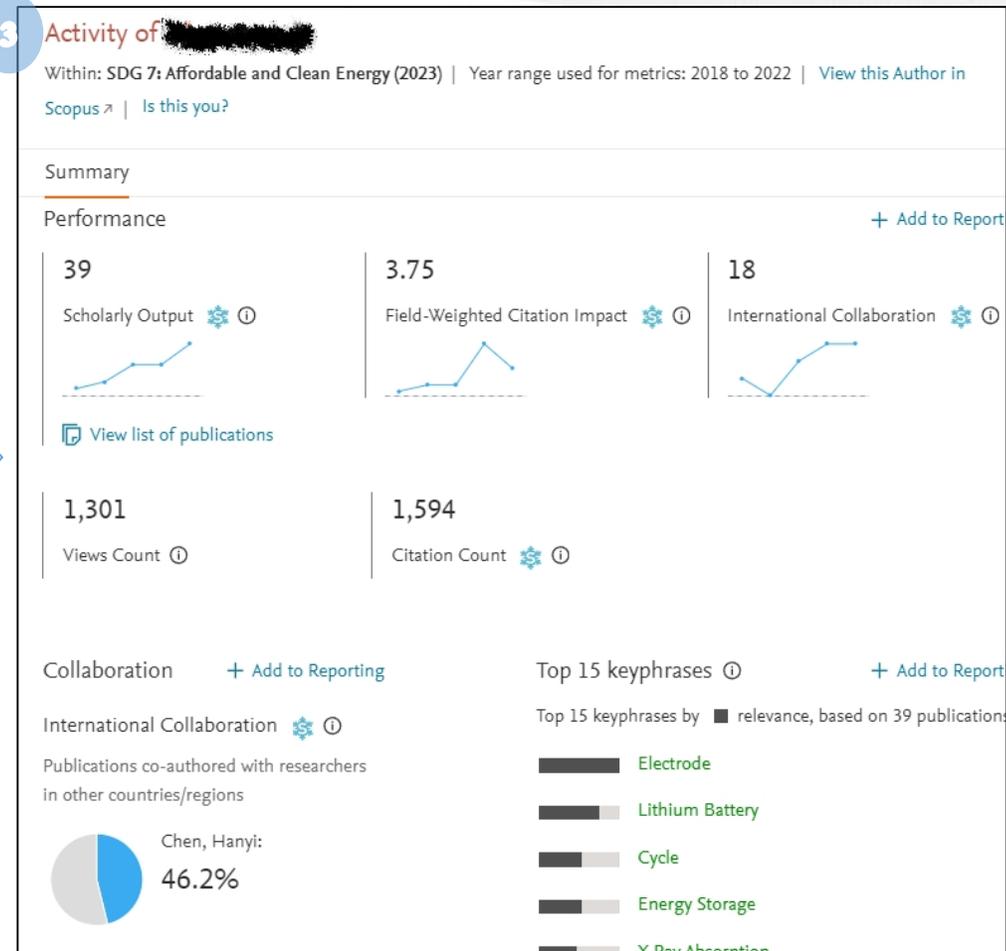
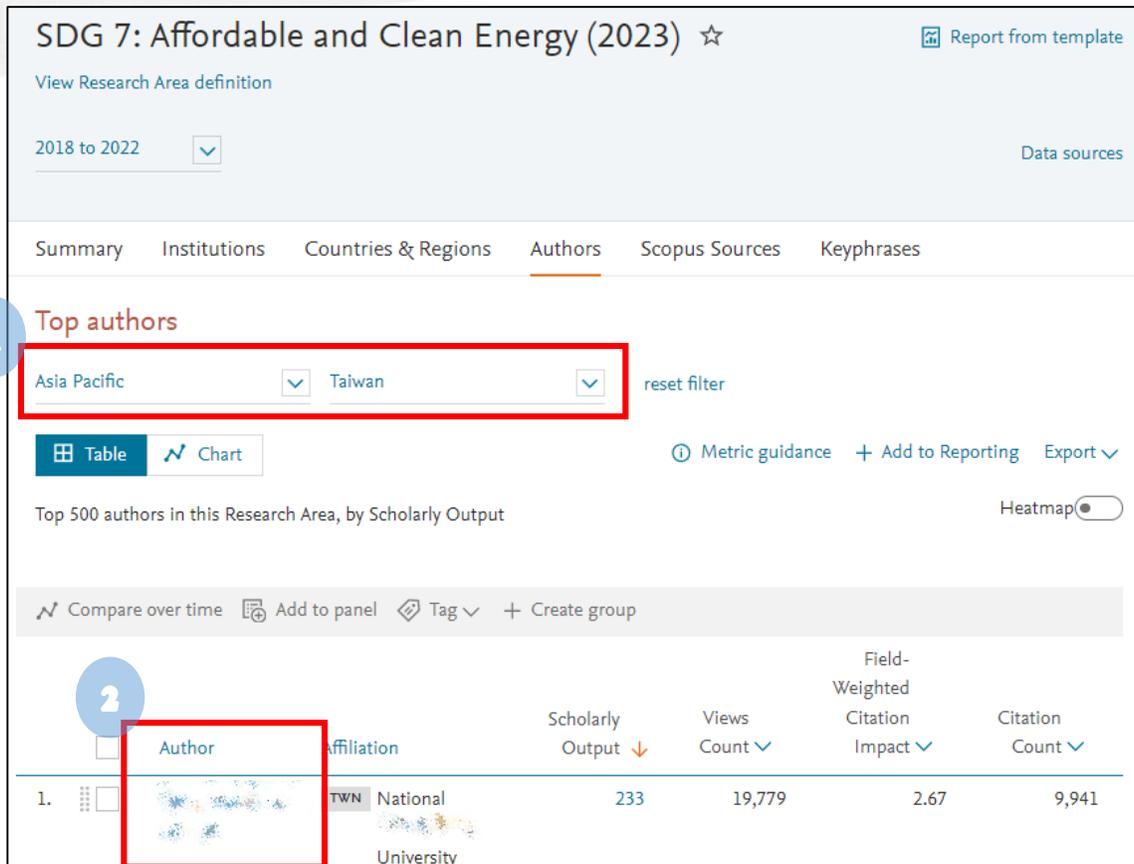
2 查看各校SDGs論文發表表現

3 選擇學校名稱，查看SDGs論文活動報告



3-3.趨勢(Trends)

以全球SDGs論文查詢教師SDGs論文趨勢分布(3/3)



1

篩選限縮區域、國家/地區，可查看個人SDGs論文發表狀況

2

查看教師SDGs論文發表表現

3

選擇教師名稱，查看SDGs論文活動報告

想更加了解各SDGs的關鍵字嗎？



歡迎進入下列關鍵字索引(超連結)，有更詳細的內容與您分享~!!



校務研究中心SDGs關鍵字查詢系統(限校內IP address)：<https://sdgs.ilst.nthu.edu.tw/>

亦可登入校務資訊系統→校務研究中心資訊服務→SDGs關鍵字查詢系統