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鄭薇薇



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漸凍人—肌萎縮性脊髓側索硬化症

Google Scholar search results for "Amyotrophic Lateral Sclerosis".

Articles About 292,000 results (0.04 sec)

Any time  
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 Since 2017  
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[HTML] **Amyotrophic lateral sclerosis**  
 MC Kiernan, S Vucic, BC Cheah, MB Turner, A Eisen... The Lancet 2011, Elsevier

Summary Amyotrophic lateral sclerosis (ALS) is an idiopathic, fatal neurodegenerative disease of the human motor system. In this Seminar, we summarise current concepts about the origin of the disease, what predisposes patients to develop the disorder, and discuss ...

SpringerLink

Genetic Neuromuscular Disorders pp 371-372 | Cite as

## Amyotrophic Lateral Sclerosis

Authors Authors and affiliations

Corrado Angelini

Chapter  
 First Online: 27 June 2014

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Wiley Online Library

Article

**Gene Therapy for Amyotrophic Lateral Sclerosis**

Zachary McEachin, Delia...

eLS

First published: 19 September 2014

Abstract

Abstract

Abstract

Amyotrophic lateral sclerosis (ALS), commonly referred to as Lou Gehrig's disease, is a chronic, neurodegenerative disease with no known cure. ALS is characterised by the loss of both upper and lower motor neurons. On becoming symptomatic, patients with ALS survive between 1-5 years. The aetiology and pathogenesis of ALS is complex and can vary among cases; however, some forms of ALS have been identified to be genetic in origin. In particular, 20% of familial ALS cases have been attributed to a gain-of-function mutation in the SOD1 gene. Thus, gene therapy has been an attractive method to potentially treat ALS. The intention of this article is to provide the reader a summary of common gene therapy strategies for ALS.

Key Concepts:

- Amyotrophic lateral sclerosis is a progressive neurodegenerative disease with no known cure.

Amyotrophic lateral sclerosis (ALS) is characterized by progressive muscle paralysis caused by degeneration of motor neurons in the primary motor cortex, corticospinal tracts, brainstem, and spinal cord. The age at onset for sporadic ALS is in average about 60 years. The majority of patients have a spinal form of the disease (with limb onset) and present focal muscle weakness and wasting. Spasticity usually develops in the atrophic limbs, affecting manual ability and gait. Patients with bulbar onset usually present with dysarthria and dysphagia for solids or liquids, and limb symptoms can develop within 1-2 years. Paralysis is progressive and leads to death due to respiratory failure within 2-3 years for bulbar onset cases and 3-5 years for limb onset cases.

# 斬新的ScienceDirect 文章頁

1. 從 Elsevier 書中提取定義
2. 與超連結相關的術語進行探索
3. 簡短摘錄的書籍章節中常見的最相關資訊，並聯結到資訊來源書籍、連續出版物、參考工具書 (MRW) 和電子百科全書以提供進一步的資訊

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Neurobiology of Aging  
Available online 5 January 2018  
In Press, Corrected Proof

Negative results  
Screening of *GLE1* mutations in Chinese amyotrophic lateral sclerosis patients

Kang Zhang <sup>a,1</sup>, Qing Liu <sup>a,1</sup>, Dongchao Shen <sup>a</sup>, Hongfei Tai <sup>a</sup>, Hanhui Fu <sup>a</sup>, Shuangwu Liu <sup>a</sup>, Jinyi Chen <sup>a</sup>, Xiaoguang Li <sup>a</sup>, Mingsheng Liu <sup>a</sup>, Xue Zhang <sup>a</sup>, Liying Cui <sup>a</sup>

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<https://doi.org/10.1016/j.neurobiolaging.2017.12.029> Get rights and content

Abstract

Amyotrophic lateral sclerosis (ALS) is a lethal neurological disease primarily involving the spinal cord, brainstem, and corticospinal tract. Recently, mutations in the *GLE1* gene were reported in Caucasian ALS patients. To inquire whether Chinese ALS patients carried causal mutations in the gene, we screened all 16 coding exons of *GLE1* with Sanger sequencing in a Han Chinese cohort of 250 ALS cases. No nonsynonymous coding variants were detected. Our results suggest that pathogenic variants in the *GLE1* gene are rare in Chinese ALS patients.

Keywords  
Amyotrophic lateral sclerosis; *GLE1*; Mutation

Choose an option to locate/access this article:

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## Amyotrophic lateral sclerosis

Amyotrophic lateral sclerosis (ALS) is a fatal disease that affects one to two persons per 100000 and is characterized by the progressive death of upper and lower motor neurons and eventual loss of motor function.

From: *Encyclopedia of Neuroscience*, 2009

2

Related terms:

Dementia, Motor neuron, Motor neurone disease, Peripheral neuropathy, Mitochondrion, Parkinson's disease, Axon, SOD1, Neurodegeneration, Alzheimer's disease

Learn more about Amyotrophic lateral sclerosis

### Amyotrophic Lateral Sclerosis

Neil S. Norton, Gilbert Willett, in *xPharm: The Comprehensive Pharmacology Reference*, 2007

#### Introduction

Amyotrophic Lateral Sclerosis (ALS), often referred to in the United States as Lou Gehrig's Disease, is a motor neuron disease. It is a terminal illness that causes progressive degeneration of motor neurons throughout the nervous system. ALS has an unknown etiology.

9780080450469004861

Credit for documenting the characteristics of the disorder and

### Amyotrophic Lateral Sclerosis

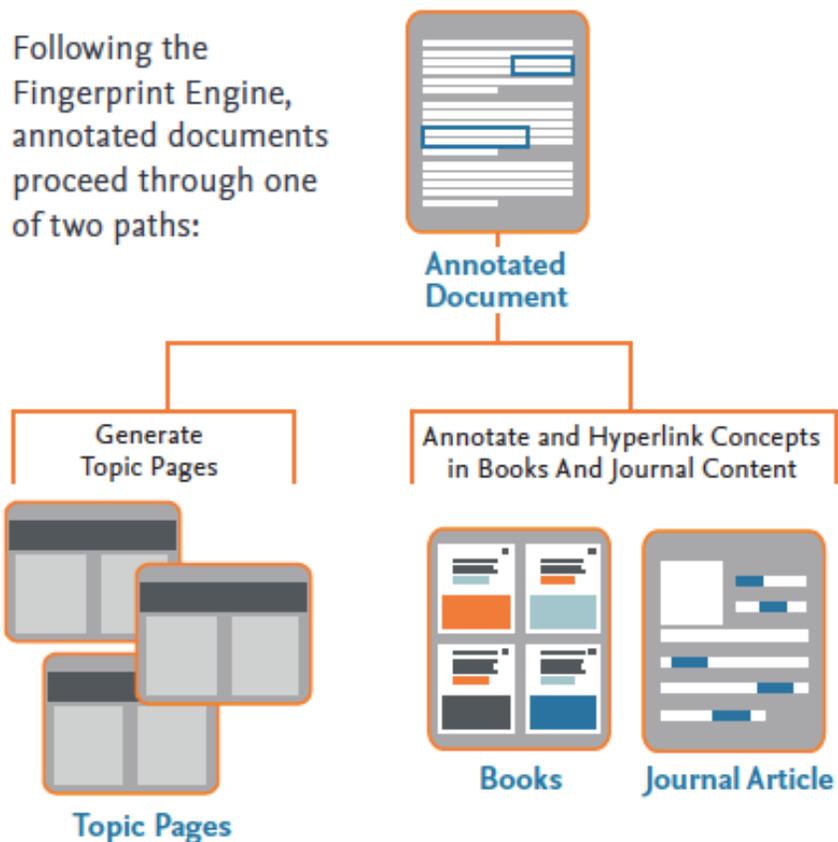
O.M. Peters, R.H. Brown, in *Neurobiology of Brain Disorders*, 2015

#### Abstract

Amyotrophic lateral sclerosis (ALS) is a neurodegenerative disease of the motor system characterized by focal and then generalized weakness leading to paralysis and death from respiratory failure. Symptoms arise from the loss of corticospinal (upper), and brainstem and spinal (lower) motor neurons. The cause of sporadic ALS (sALS) is unknown. Investigations of the

# 技術 + 內容 = 更好的研究過程

主題頁包含來自參考書籍的關鍵背景資訊，包括定義、段落內容和相關術語，以提供主題的可靠概述。



## 從期刊文章與書籍章節處直接與主題頁互動

ScienceDirect 上的主題頁採用創新的自動化方法進行資訊提取和相關性排名而產生。超過百名 Elsevier 員工合作建立並部署此項功能。他們的第一步是開發符合 Elsevier 內容整體概念的分類。Elsevier 的 Omniscience 團隊為範圍內的領域建立並管理分類標準。名為指紋引擎 (Fingerprint Engine, FPE) 的 Elsevier 內部系統可為書籍和期刊內容編列索引，並在上述文獻中「註釋」或標記分類概念。只要文獻經過註釋，就可以透過兩種不同管道移動：為概念生成一個主題頁，或在期刊和書籍內容中註釋並超連結概念。

# Topic Page 能見度增加

Google amyotrophic lateral sclerosis

All Images News Videos Books More Settings Tools

Page 3 of about 3,810,000 results (0.44 seconds)

**Amyotrophic Lateral Sclerosis (ALS): Facts & Symptoms of Lou ...**  
<https://www.livescience.com/Health>  
 Jun 22, 2017 - Amyotrophic lateral sclerosis (ALS), also known as Lou Gehrig's disease or motor neuron disease, is a progressive neurological disease that causes the neurons that control voluntary muscles (motor neurons) to degenerate, according to the National Institutes of Health (NIH).

**Amyotrophic lateral sclerosis (ALS): Symptoms, diagnosis and treatment**  
<https://www.webmd.boots.com/a-to-z-guides/amyotrophic-lateral-sclerosis>  
 Oct 26, 2017 - Amyotrophic lateral sclerosis (ALS) is the most common type of the incurable, progressive brain disorder motor neurone disease (MND). ... ALS can cause muscle wasting, weakness, twitching, speech and swallowing problems, and muscle spasms. Motor neurone disease shortens a person's life.

**Amyotrophic lateral sclerosis - an overview | ScienceDirect Topics**  
<https://www.sciencedirect.com/topics/neuroscience/amyotrophic-lateral-sclerosis>  
 Amyotrophic lateral sclerosis (ALS) is a neurodegenerative disease of the motor system characterized by focal and then generalized weakness leading to paralysis and death from respiratory failure. Symptoms arise from the loss of corticospinal (upper), and brainstem and spinal (lower) motor neurons. The cause of ...

每天產生20萬次點擊，回流使用者的比例為55%，這表示使用者在Topic Page 中找到足夠的價值以便一次又一次回流以獲取更多資訊。對於2018年年初至今主題頁貢獻了7%的電子書使用率和11%的被拒率。

## 第一階段

2017年7月發佈 80,000 主題頁, 包括三個領域 – Life Science, Biomedical Sciences 和 Neuroscience

第二階段2018年3月底發佈30,000 個 Topic Page，學科領域包括：

- Earth and Planetary Sciences
- Environmental Science
- Food Science
- Materials Science and Material Engineering
- Chemistry
- Chemical Engineering

# Topic Page 使用者調查



- 無縫連結接書籍章節和期刊文章以增強共同使用
- 提供書籍內容的定義，幫助使用者理解和解讀科學文獻
- 為使用者導航新領域提供權威性和相關概述
- 根據需求並向使用者提供答案
- 從書本中獲得的基礎知識可讓研究人員和學生迅速學習
- 內容聯結到相關學科的豐富知識以支持跨學科研究

84%

84%的使用者在期刊文章中遇到陌生術語時發現主題頁有幫助

18%

18%的主題頁面使用者點擊進入書籍章節，代表內容對研究人員的實用性。

82%

82%的使用者表示他們發現主題頁面有助於閱讀新領域背景知識

# Topic Page 對圖書館的影響

- 可從使用者用Topic Page 的情形規畫購買電子書並開始構建核心收藏
- 由於被拒率來自於一個活躍的聯結（這與一般圖書管理員不確定哪種類型的使用者行為會導致被拒），基於主題頁面的所造成的被拒率可能會被視為更有價值的資訊

## 問卷調查



75%

超過75%的受訪者認為新工具中整合的內容，可增加他們機構的電子書使用量

70%

近70%的圖書館員預期所購買書籍的價值會增加，因為其使用者對於內容的接觸增加，而使內容價值達到最大

# 實驗/驗證資料

# 重覆驗證的重要性

## 日女科學家 STAP 多能幹細胞被批造假 學界群起圍攻

作者 健康達人網 | 發布日期 2014 年 02 月 18 日 18:11 | 分類 尖端科技, 生物科技, 醫療科技 [Follow](#) [G+](#) [Like 2.8K](#) [Share](#)



Haruko Obokata of the Riken Center for Developmental Biology last month, showing some stem cells said to have been created by the new technique. Reuters

許多頂尖研究者表示他們無法重複出小保方的實驗結果。

加州大學戴維斯分校頂尖的幹細胞研究學者 Paul Knoepfler 是最早質疑 STAP 的人之一。

**他認為超凡的成果要有超凡的證明，以及可以重覆驗證才算數。**

# Nature 問卷 – 重製研究結果會有危機?(1)

73%的受訪者認為本身領域中的研究論文至少有一半是值得信賴的

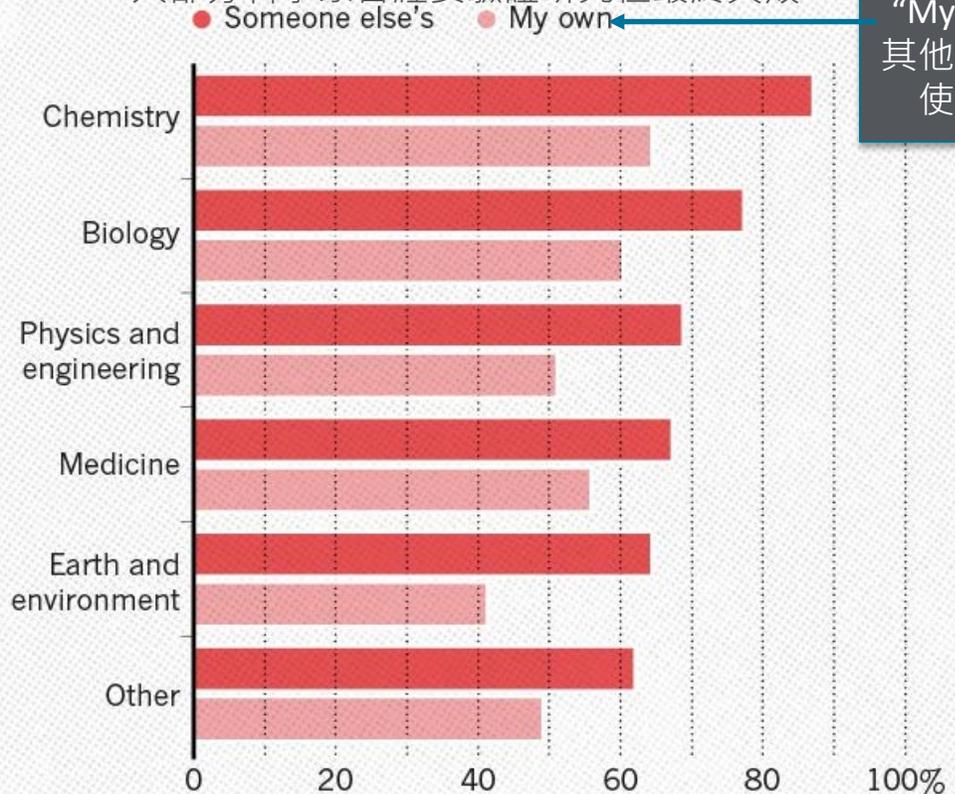
IS THERE A REPRODUCIBILITY CRISIS?



您曾經無法重製實驗結果嗎?

HAVE YOU FAILED TO REPRODUCE AN EXPERIMENT?

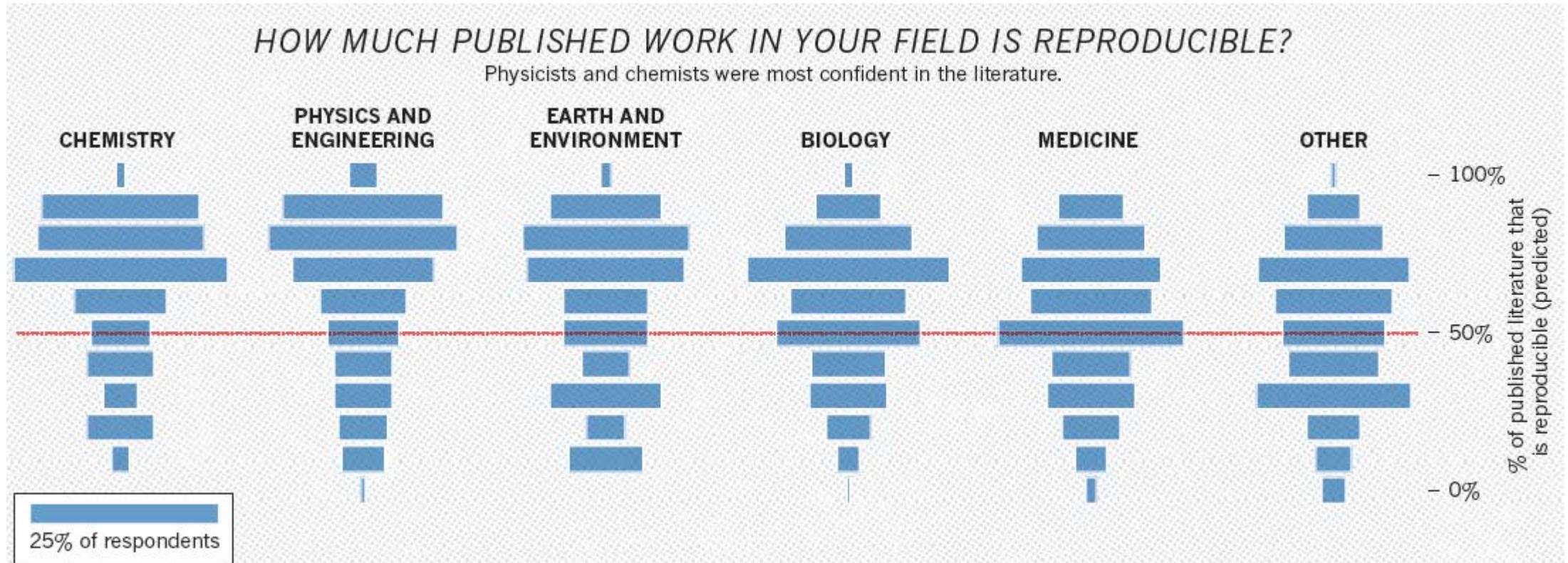
Most scientists have experienced failure to reproduce results.  
大部分科學家曾經要驗證研究但最終失敗



“My-own” 是指我（和其他任何人）不能重複使用我自己的數據

# Nature 問卷 – 重製研究結果會有危機？ (2)

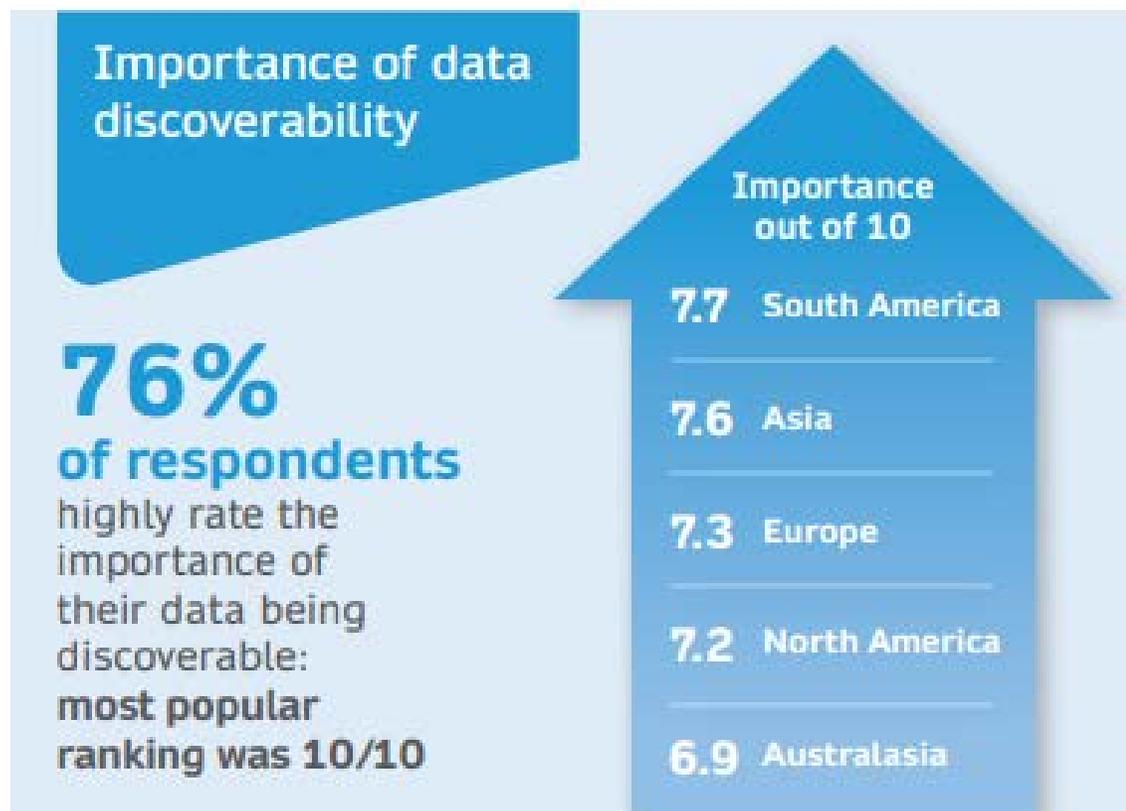
有多少研究在您的領域是可以被重製的？



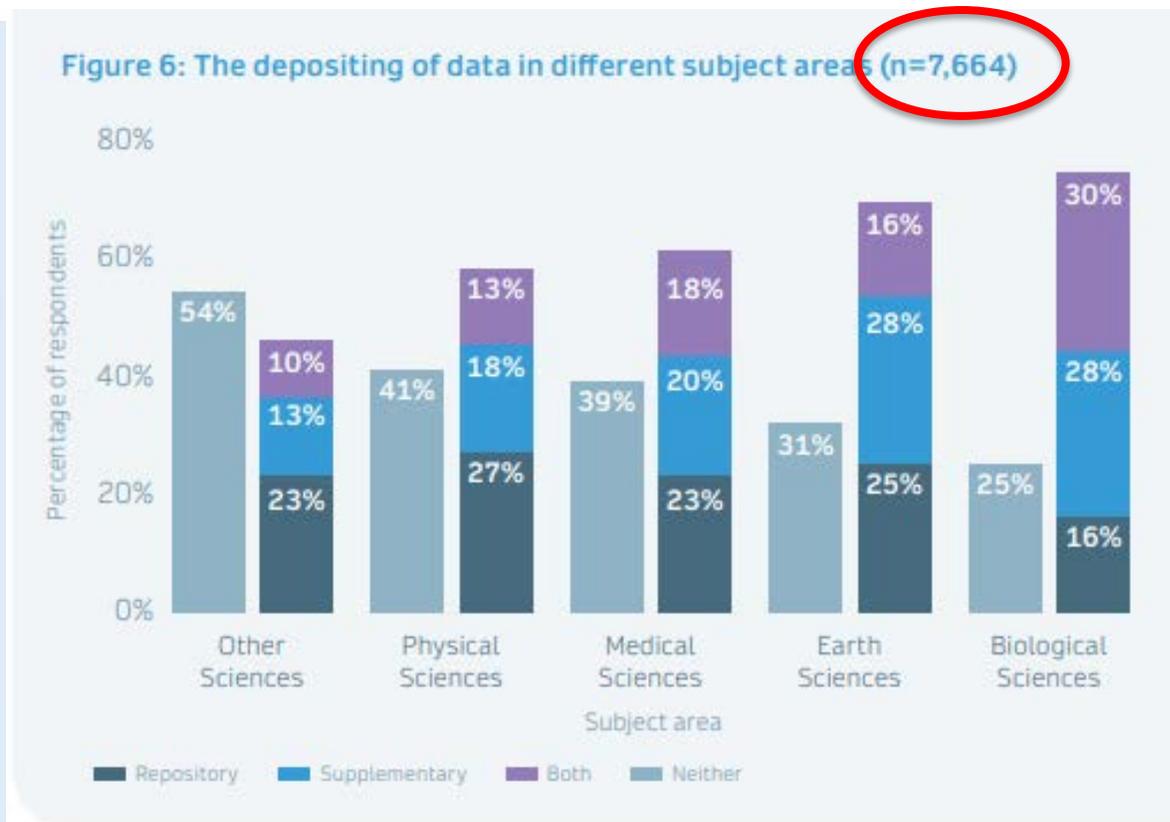
馬里蘭州巴爾的摩約翰霍普金斯大學布隆伯格公共衛生學院的微生物學家Arturo Casadevall表示這些研究結果顯示大家聚焦這些問題的困惑態度，他說：「目前對再現性的議題尚未達到既定或該有的共識！」，但認為目前的狀況已有進展。「下一個步驟應該是找出問題並達成共識，未能重製實驗結果是必然的過程。」

提高再現性的最佳方法之一是預先登錄，實驗前科學家先將數據分析的假設和研究計劃提交給第三方，藉此防止後來只挑選在統計具重大意義的結果。

## 研究人員資料共享面對的挑戰 – Nature 問卷

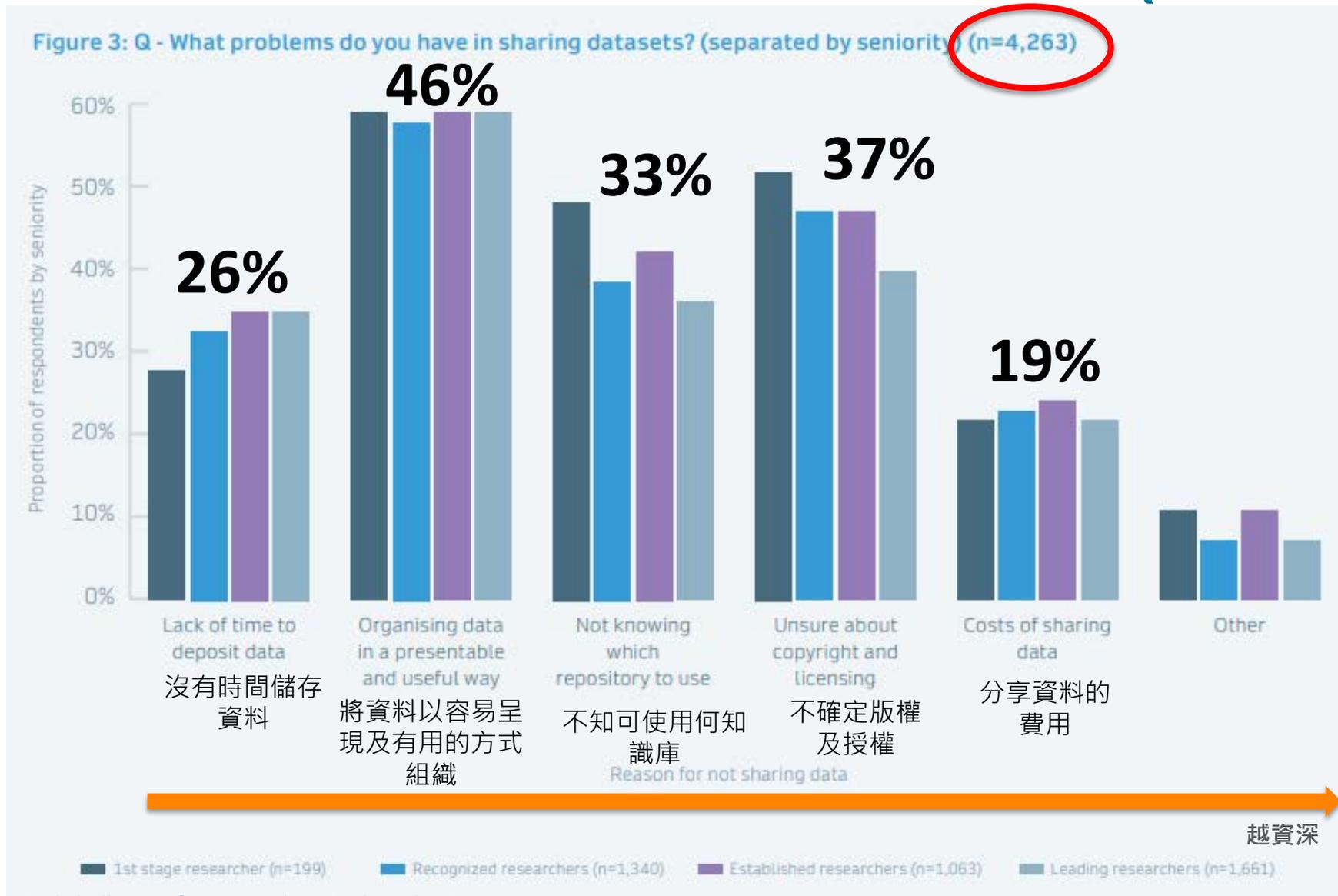


76%研究人員認為資料易取性很重要，63%在投稿期刊時，會將資料當作附屬資料提供給期刊出版商，或將資料存入特定知識庫中



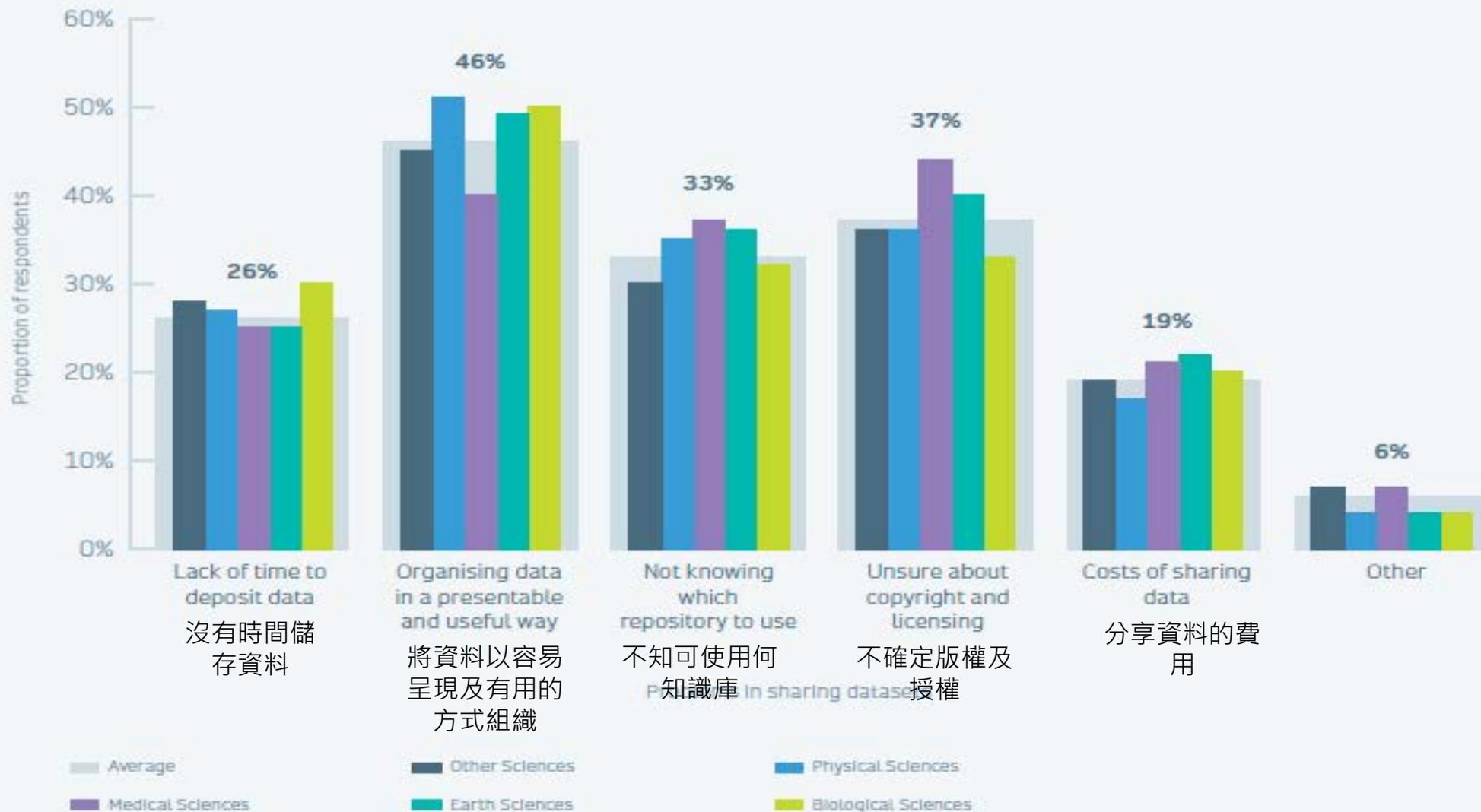
出版時會一併將資料公開比例最高的是生物科學研究人員(75%)，其次是地球科學(68%)、醫學科學(61%)、物理科學(59%)。醫學研究人員認為最大的挑戰是不確定版權及授權(44%)，

# 資料共享主要的挑戰 – 不想分享資料的原因(不同資深學者)



# 資料共享主要的挑戰 – 不想分享資料的原因(不同領域)

Figure 8: Problems in sharing datasets in different subject areas (n=7,719)

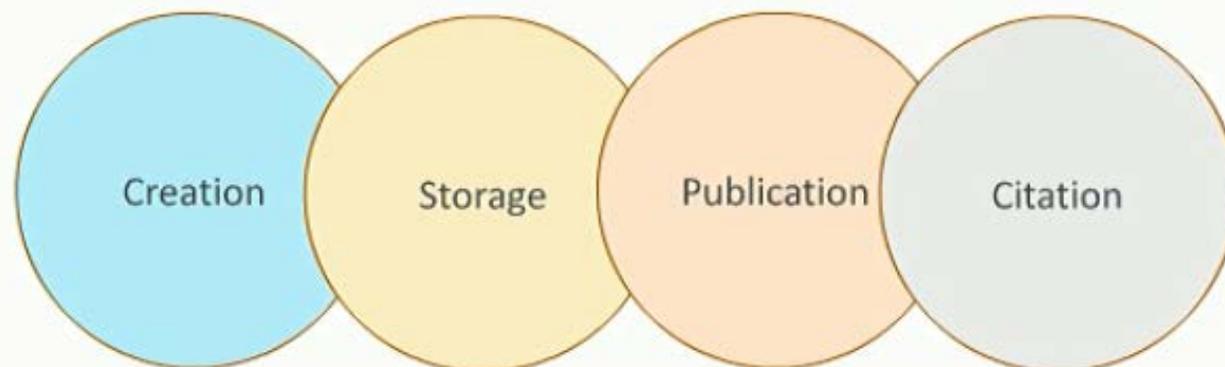


# 研究資料管理

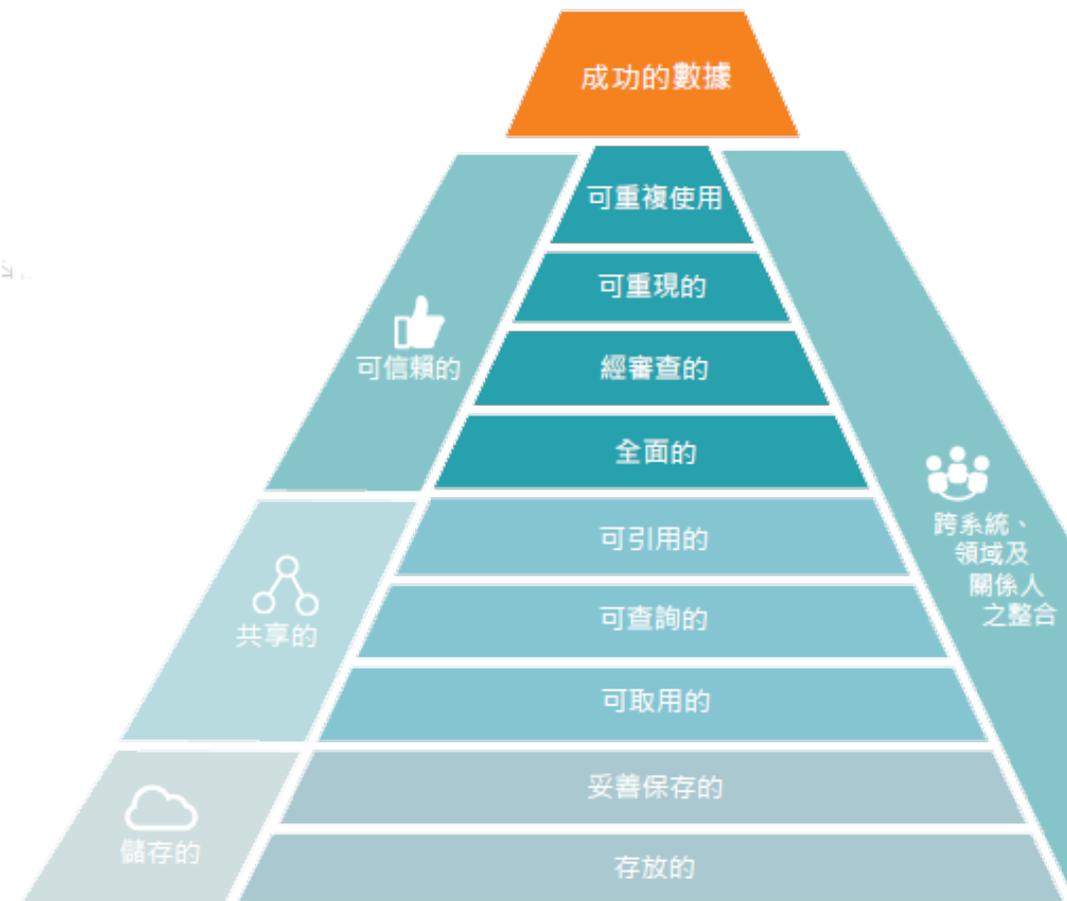
“研究資料管理關注資料的組織，從開始到研究週期，再到傳播和歸檔有價值的結果，目的是確保可靠的結果驗證，並能讓新穎與創新的研究建立在現有資訊基礎上。”

*"Research data management concerns the organisation of data, from its entry to the research cycle through to the dissemination and archiving of valuable results. It aims to ensure reliable verification of results, and permits new and innovative research built on existing information." (Whyte, A., Tedds, J. (2011). 'Making the Case for Research Data Management'. DCC Briefing Papers. Edinburgh: Digital Curation Centre.)*

It can be visualised thus:



# 分享研究資料



## 何謂研究資料？

研究資料是指驗證研究結果的觀察或實驗結果。研究資料可包括與研究專案相關的原始或已處理的數據文獻、軟體、代碼、模型、算法、協議、方法和其他有用的資料。研究資料不包括手稿或最終發表的文章形式的文本，也不包括作為期刊文章一部分提交和發布的數據或其他資料。

## 分享研究資料的好處？

- 驗證和重製研究發現，能以新的方式重複使用資料
- 加快相關研究的探索進度
- 資助者能從資助項目中得到更多價值

## 如何分享？

可透過研究元素期刊或 Mendeley data

## 科學、技術、醫學之布魯塞爾宣言

Elsevier 於 2007 年，與其他科學出版商簽定了科學、技術、醫學之布魯塞爾宣言，支持免費提供原始研究數據。原始研究數據應該免費提供給所有研究人員。出版商鼓勵公開發表研究中的原始產出數據。期刊發表論文所用的數據集或數據子集應盡可能地供其他學者免費取用。

# 研究元素期刊 Open Access (Data Article)

為了讓研究人員更容易由他們所籌備及執行的實驗中獲利，Elsevier 近期發表了一系列歸類為研究元素的同儕審核期刊，讓研究人員可以短文格式發表他們的數據、軟體及研究週期中的其他元素。



ISSN: 2352-3409

## Data in Brief

讓研究人員可以分享及重複使用彼此的數據集

[journals.elsevier.com/data-in-brief](https://journals.elsevier.com/data-in-brief)



ISSN: 2352-7110

## SoftwareX

旨在確認軟體對現今研究實作，以及幾乎所有新科學發現所造成的影響

[journals.elsevier.com/softwarex](https://journals.elsevier.com/softwarex)



ISSN: 2215-0161

## MethodsX

發表研究人員每天對研究方法所進行微小卻重要的修改調整

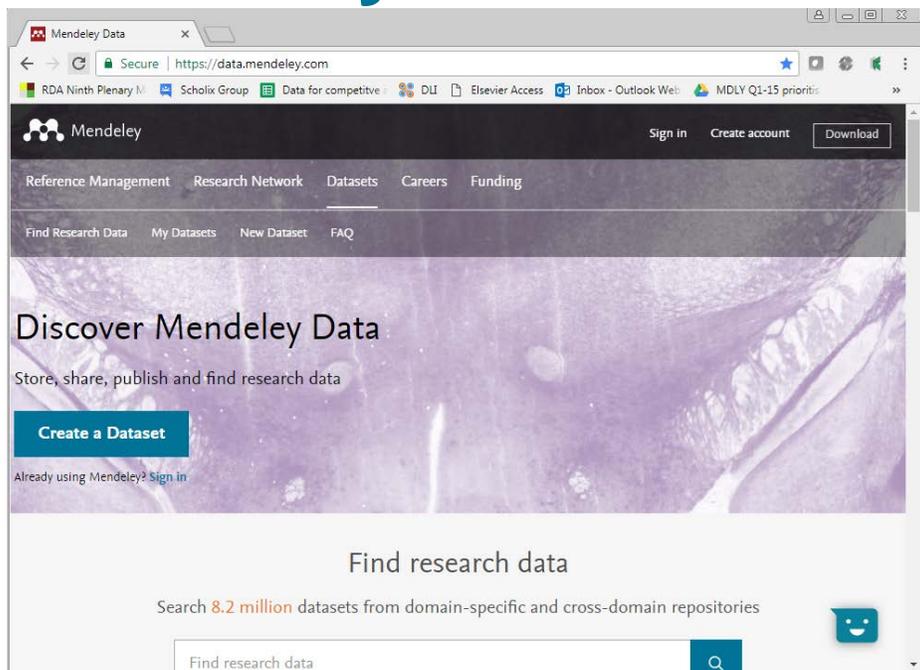
[journals.elsevier.com/methodsx](https://journals.elsevier.com/methodsx)

**研究元素**可以適用於多個研究領域；例如一些跨領域的期刊 ( Data in Brief、SoftwareX、MethodsX ) 接受來自各種學科領域的投稿。而有時候，這些元素更適合用於單一領域；因此，一些特定領域的期刊 ( 例如：Genomics Data 基因體數據、Chemical Data Collections 化學數據特輯、Neurocomputing 類神經演算法 ) 也支援此種新的文章格式。

研究元素會經過積極策劃、格式化、數位文件識別碼分配、於 ScienceDirect、Scopus 及 PubMed 上建立索引等流程，並會在出版後公之於眾。有些研究元素在出版後更新文章。這些新的期刊形式的重要性及創新性已得到認可。

在 2016 年之初，開放取用的期刊 SoftwareX 榮獲由美國出版商之專業及學術出版協會所頒發的「期刊出版創新獎」。

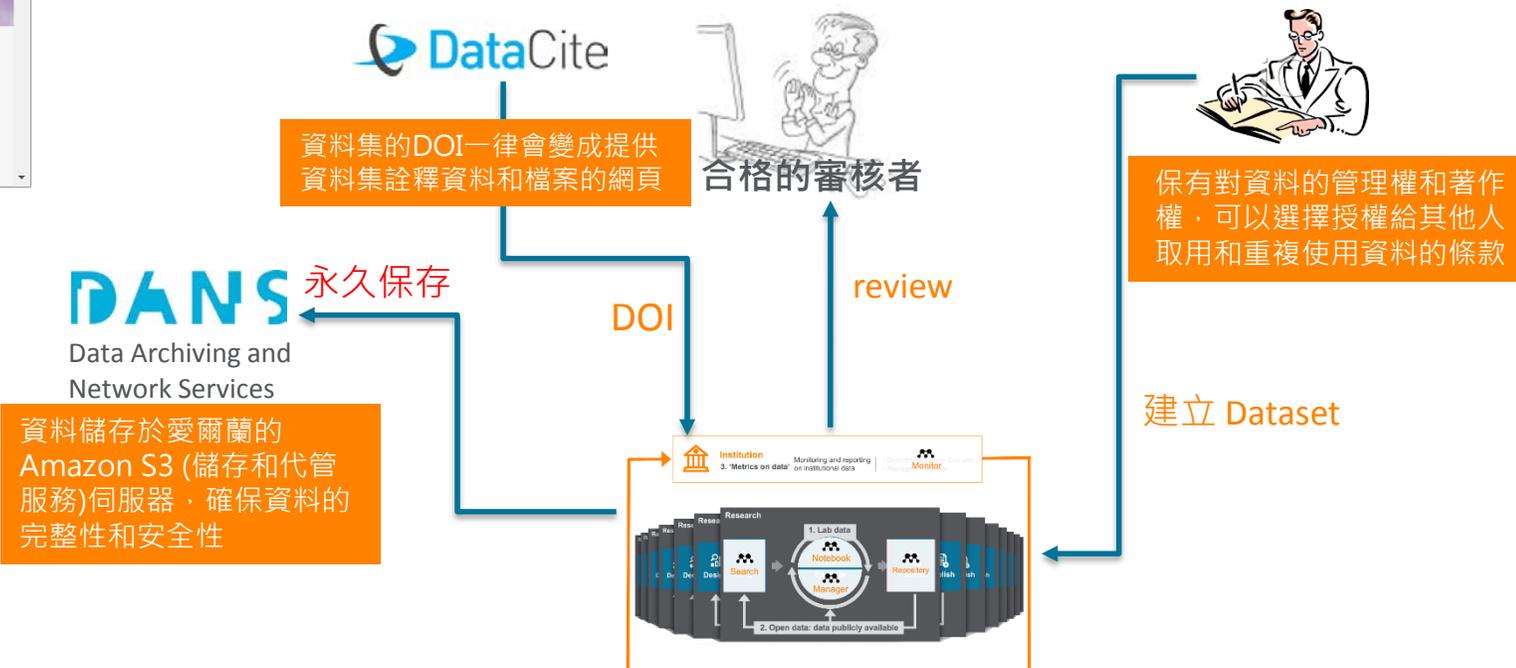
# Mendeley Data



Mendeley Data 認為公開資料時，能加快科學探索的進度，研究人員得以驗證研究發現，或是重複使用資料，得到新發現。

當研究員公開資料時，其結論信賴度會提高，也有可能獲得更多的引用。這些因素都代表資助機構和出版商越來越傾向尋找欲公開的資料。

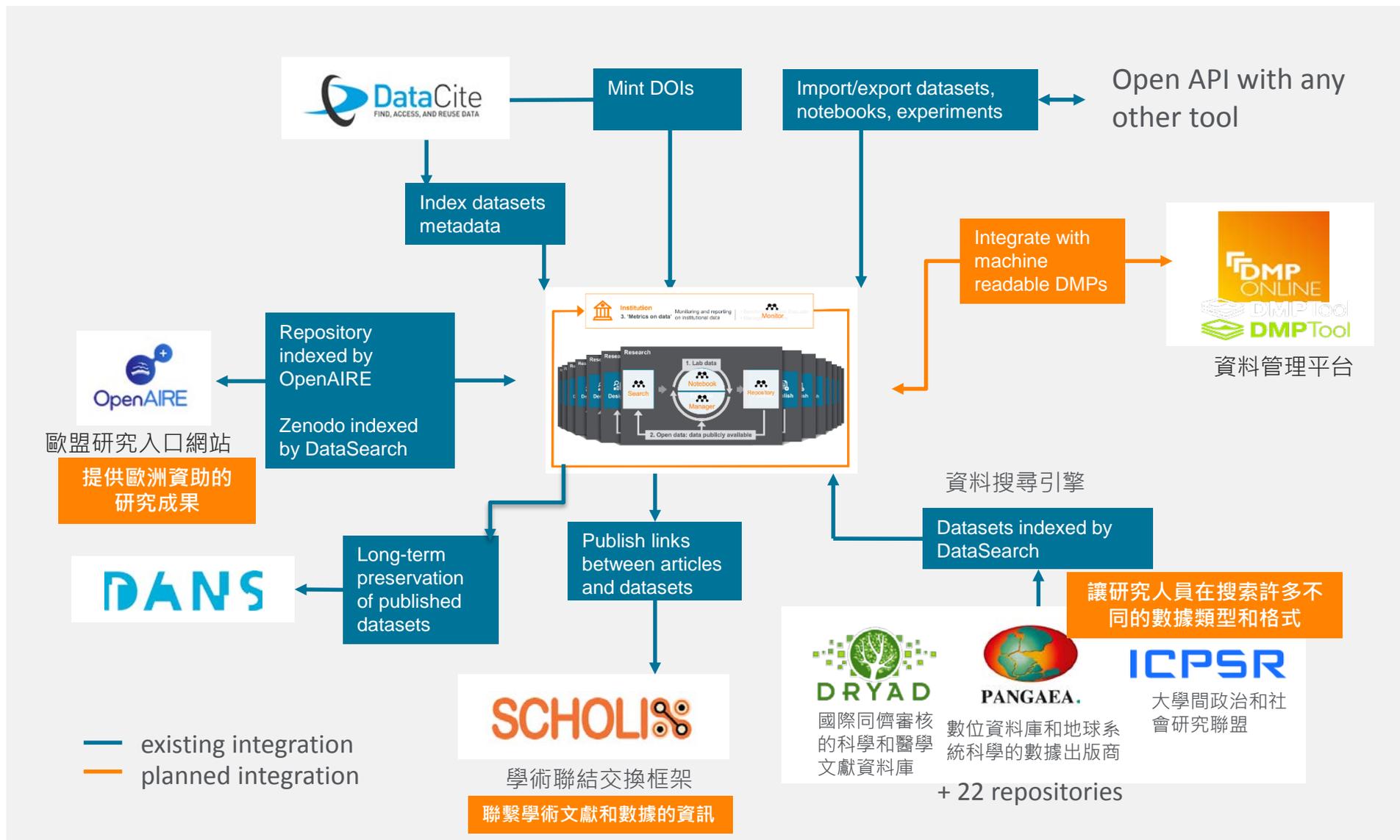
Elsevier 在2015年推出 Mendeley Data，讓研究人員能夠上傳研究資料、增加曝光率和追蹤資料的使用情況。



資料儲存於愛爾蘭的 Amazon S3 (儲存和代管服務)伺服器，確保資料的完整性和安全性

保有對資料的管理權和著作權，可以選擇授權給其他人取用和重複使用資料的條款

# Mendeley Data 已藉由開放 API 的方式整合世界研究資料管理生態系統



# 建立從資料集到文章頁面的連結

如果研究員發佈的資料與某文章有關，我們可以建立從資料集到文章頁面的連結，研究人員便能輕鬆取得相關研究。

The image shows a Mendeley dataset page for 'MOLECULAR-CELL-D-16-01417 Kar et al'. The DOI '10.17632/v8sfxkh9pw.1' is circled in red. A red arrow points from this DOI to the 'Associated article' section on the right, which features the journal 'Molecular Cell' and the article title 'Control of NFAT Isoform Activation and NFAT-Dependent Gene Expression through Two Coincident and Spatially Segregated Intracellular Ca<sup>2+</sup> Signals'. Below this, a red box highlights the 'Research data for this article' section, which lists files like 'rest.tif', '20 min th.tif', and '40 min th.tif' with their respective sizes and download links. At the bottom, the URL 'https://data.mendeley.com/datasets/v8sfxkh9pw/1' is provided.

Download PDF Export

## Molecular Cell

Volume 64, Issue 4, 17 November 2016, Pages 746-759

Article

### Control of NFAT Isoform Activation and NFAT-Dependent Gene Expression through Two Coincident and Spatially Segregated Intracellular Ca<sup>2+</sup> Signals

Pulak Kar<sup>1</sup>, Gary R. Mirams<sup>2</sup>, Helen C. Christian<sup>1</sup>, Anant B. Parekh<sup>1, 3</sup>

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Research data for this article

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MOLECULAR-CELL-D-16-01417 Kar et al

Original data of images and Western blot

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Published in: Molecular Cell

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DOI: 10.17632/v8sfxkh9pw.1

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Fig\_1B\_Thap.

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# Dataset 引用



Science of The Total Environment

Volumes 463–464, 1 October 2013, Pages 284-292



## A new approach to predicting environmental transfer of radionuclides to wildlife: A demonstration for freshwater fish and caesium

N.A. Beresford <sup>a,\*,</sup> T.L. Yankovich <sup>b,</sup> M.D. Wood <sup>c,</sup> S. Fesenko <sup>d,</sup> P. Andersson <sup>e,</sup> M. Muikku <sup>f,</sup> N.J. Willey <sup>g</sup>

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<https://doi.org/10.1016/j.scitotenv.2013.06.013>

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### References

Barnett et al., 2013 C.L. Barnett, N.A. Beresford, L.A. Walker, M. Baxter, C. Wells, D. Coplestone  
Element and radionuclide concentrations in representative species of the ICRP's reference animals and plants and associated soils from a forest in North-west England  
NERC — Environmental Information Data Centre (2013), [10.5285/e40b53d4-6699-4557-bd55-10d196ece9ea](https://doi.org/10.5285/e40b53d4-6699-4557-bd55-10d196ece9ea)  
[Google Scholar](#)

Beresford, 2010 N.A. Beresford

The transfer of radionuclides to wildlife (Editorial)

Radiat Environ Biophys, 49 (2010), pp. 505-508

[CrossRef](#) [View Record in Scopus](#) [Google Scholar](#)

數據引用包含在文章的標準參考文獻列表中，並且與文章引用的文章平等對待。這也意味著讀者將享有與文章引用相同的好處，包括一鍵深入連結到參考資料，並能夠快速跳到引用該文章的文章中。

Elsevier 已經在我們所有的期刊中採用FORCE 11數據引用原則。這表示我們鼓勵作者將數據引用作為參考列表的一部分。

Barnett, C. L.; Beresford, N. A.; Walker, L. A.; Baxter, M.; Wells, C.; Coplestone, D.

Element and radionuclide concentrations in representative species of the ICRP's Reference Animals and Plants and associated soils from a forest in north-west England

<https://doi.org/10.5285/e40b53d4-6699-4557-bd55-10d196ece9ea>

Cite this dataset

This dataset presents the results of an initial sampling exercise conducted at a terrestrial site in north-west England in summer 2010. The following samples of terrestrial Reference Animals and Plants (RAPs) were obtained from an area of circa 0.4 km squared: *Molinia caerulea* (ICRP RAP Wild Grass defined as Poaceae); *Picea sitchensis* (ICRP RAP Pine Tree defined as Pinaceae); *Apis* spp., *Bombus* spp., *Nomada* spp. (ICRP RAP Bee defined as Apidae); *Apodemus sylvaticus* (ICRP RAP Rat defined as Muridae); Earthworms (species in the Family Lumbricidae as defined for the ICRP RAP Earthworm); Deer (belonging to the Family Artidae (i.e. the ICRP RAP Deer)). Soil samples were also collected from throughout the sampling area. All samples were analysed for multiple elements using ICP-MS/ICP-OES and most for gamma-emitting radionuclides. Results have been used to derive biota-soil concentration ratios. The ICRP have published their framework for radiation protection of the environment (ICRP Publication 108). This describes the use of RAPs as the basis for their framework. The RAPs are generalised to the taxonomic level of Family. Publication 108 presented dose coefficient values for the selected RAPs and also reviewed data on the effects of ionising radiation to suggest Derived Consideration Reference Levels for each RAP. In summer 2010 the ICRP released a further report on their protection framework for consultation. This report presented transfer parameter values (organism-media concentration ratios) for Reference Animals and Plants. The report also raised the possibility of identifying a series of sites where samples of each Reference Animal and Plant, and their different lifestages, could be collected and analysed. It was suggested that the resultant data would constitute a set of reference values analogous to approaches used by the ICRP for human radiological protection.

Publication date: 2013-12-31

Where/When

Study area



Temporal extent

2010-08-01 to 2011-02-28

Supplemental information

This dataset is cited by:

C. L. Barnett, N. A. Beresford, L. A. Walker, M. Baxter, C. Wells, D. Coplestone, 2014, Radiat Environ Biophys, 57, 175-188

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Supporting documentation

Format of the Dataset : Comma-separated values (CSV)

Access and use conditions

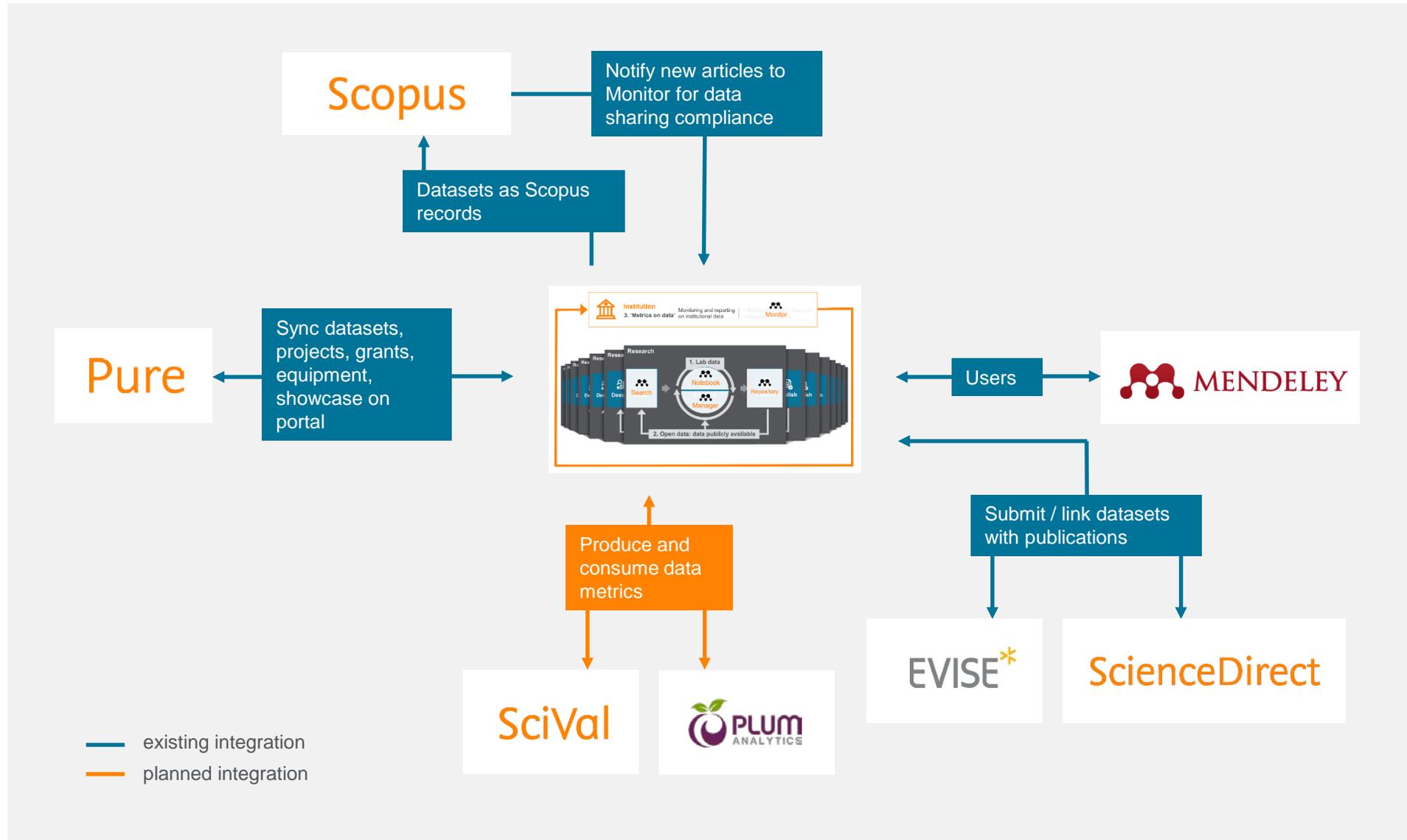
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You must cite: Barnett, C. L.; Beresford, N. A.; Walker, L. A.; Baxter, M.; Wells, C.; Coplestone, D. (2013). Element and radionuclide concentrations in representative species of the ICRP's Reference Animals and Plants and associated soils from a forest in north-west England. NERC Environmental Information Data Centre. <https://doi.org/10.5285/e40b53d4-6699-4557-bd55-10d196ece9ea>

BibTeX RIS

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# 投稿期刊

# Impact Factor vs CiteScore

## Impact Factor

- 由於Impact Factor 源於Web of Science 索引的期刊，所以沒有其他期刊可以有IF
- 由於IF 只考慮當年引用的文章在前兩年，它只適用於以快速引用為標準的學科。而沒有考慮引用次數會因學科領域有所差異。
- 藝術與人文科學沒有JCR，因此這些期刊沒有IF。
- 公平起見，JCR也報告了5年影響因子，但它是替代方案，而不是官方影響因子，正如JCR中報告的其他一些方法，如即時性指數，被引和引用 - 半衰期，以及文章影響力分數。

## CiteScore

- 可以在 Scopus Journal Metrics 網站上免費查詢（JCR是付費訂閱。）
- 它是從Scopus 期刊列表中計算出來的，比 Web of Science 期刊數量得多，包括更多的社會科學和人文科學期刊。
- 它提供了一個為期3年的引文窗口，而不是IF 的2年窗口。
- 還有CiteScore Tracker，可以在這裡按月查看期刊的分數
- 與IF一樣，CiteScore沒有考慮到不同領域的差異

資料來源: 美國俄亥俄州大學圖書館網頁

<https://library.osu.edu/researchcommons/2017/06/12/citescore-vs-impact-factor/>

# Scopus 的三種期刊指標

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### PLoS ONE

Open Access ⓘ

Scopus coverage years: from 2006 to 2017

Publisher: Public Library of Science

ISSN: 1932-6203

Subject area: [Agricultural and Biological Sciences: General Agricultural and Biological Sciences](#) [Medicine: General Medicine](#)

[Biochemistry, Genetics and Molecular Biology: General Biochemistry, Genetics and Molecular Biology](#)

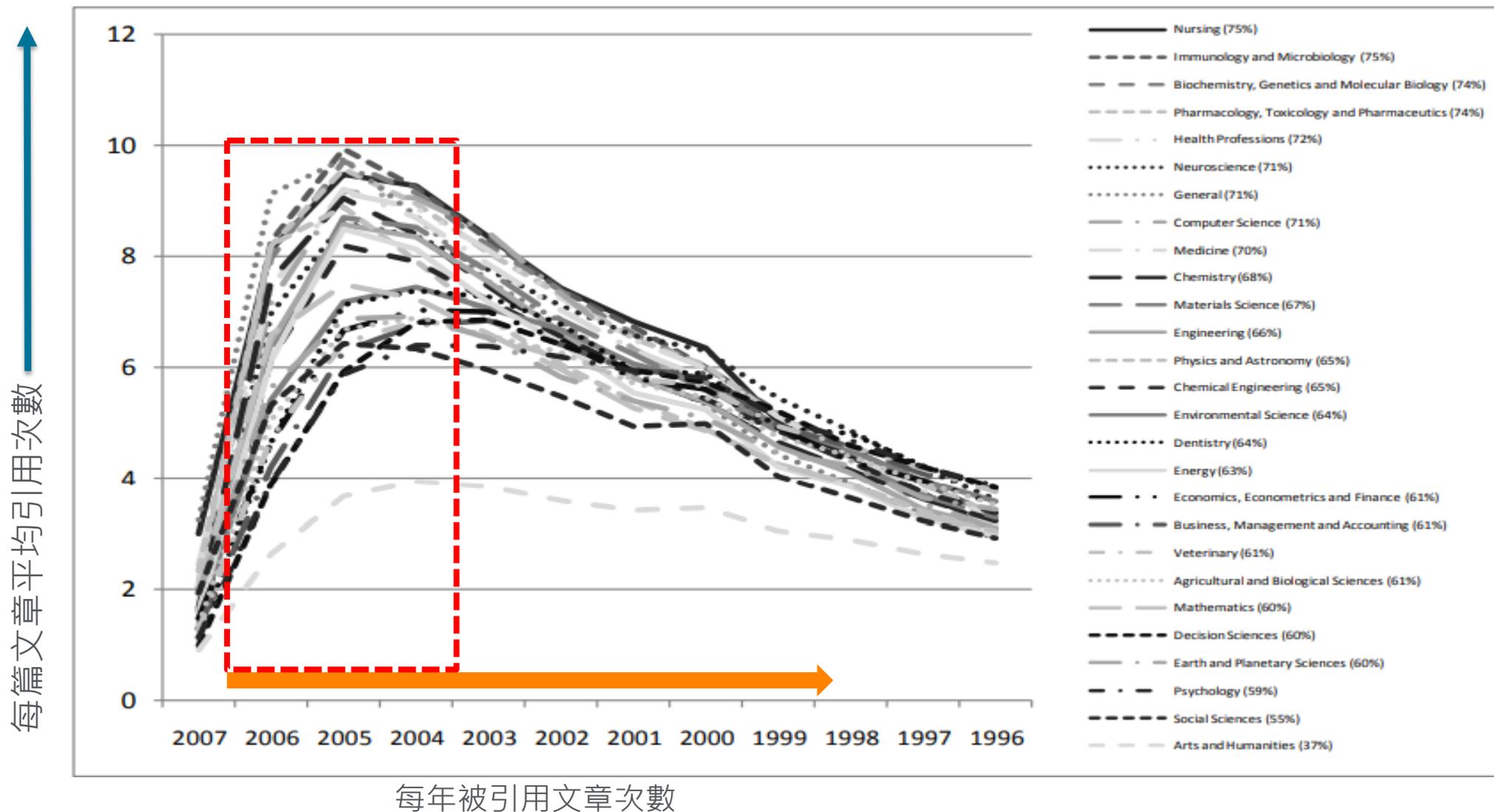
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CiteScore 2016  
3.11 ⓘ

SJR 2016  
1.201 ⓘ

SNIP 2016  
1.092 ⓘ

# 引用高峰通常在前三年



資料來源: The SJR indicator: A new indicator of journals' scientific prestige

# CiteScore

**CiteScore** 「三年期刊影響力指標」依單一期刊之過去三年的文章於當年度的總引用次數除以過去三年的總發表篇數。 CiteScore Percentile 提供期刊所屬學科領域排名及百分比、 CiteScore Tracker 提供每月的期刊影響力指標追蹤，幫助研究者了解該期刊目前被引用的情形。

CiteScore   CiteScore rank & trend   Scopus content coverage

CiteScore 2016 

Calculated using data from 31 May, 2017

$$3.11 = \frac{\text{Citation Count 2016} \quad 293,689 \text{ Citations } >}{\text{Documents 2013 - 2015}^* \quad 94,517 \text{ Documents } >}$$

\*CiteScore includes all available document types

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CiteScoreTracker 2017 ⓘ

Last updated on 06 March, 2018  
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$$2.93 = \frac{\text{Citation Count 2017} \quad 250,260 \text{ Citations to date } >}{\text{Documents 2014 - 2016} \quad 85,415 \text{ Documents to date } >}$$

CiteScore rank ⓘ

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Agricultural and Biological Sciences	#12/163	 92nd
└ General Agricultural and Biological Sciences		
Medicine		
└ General Medicine	#175/2154	 91st
Biochemistry, Genetics and Molecular Biology	#32/185	 82nd

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CiteScore CiteScore rank & trend Scopus content coverage

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CiteScore rank 2016

In category General Agricultural and Biolo...

Rank	Source title	CiteScore 2016	Percentile
#1	Molecular Systems Biology	8.23	99th percentile
#2	Biological Reviews	7.94	99th percentile
#3	PLoS Biology	6.01	98th percentile
#4	Current Biology	4.99	97th percentile
#5	Evolutionary Applications	4.96	97th percentile
#6	BMC Biology	4.61	96th percentile
#7	Evolution; international journal of organic evolution	4.25	96th percentile
#8	Quarterly Review of Biology	4.00	95th percentile
#9	Proceedings of the Royal Society B: Biological Sciences	3.89	94th percentile
#10	Philosophical Transactions of the Royal Society B: Biological Sciences	3.61	94th percentile
#11	Journal of Agricultural and Food Chemistry	3.45	93rd percentile
#12	PLoS ONE	3.11	92nd percentile

CiteScore trend



# CiteScore 預測期刊

PLoS ONE

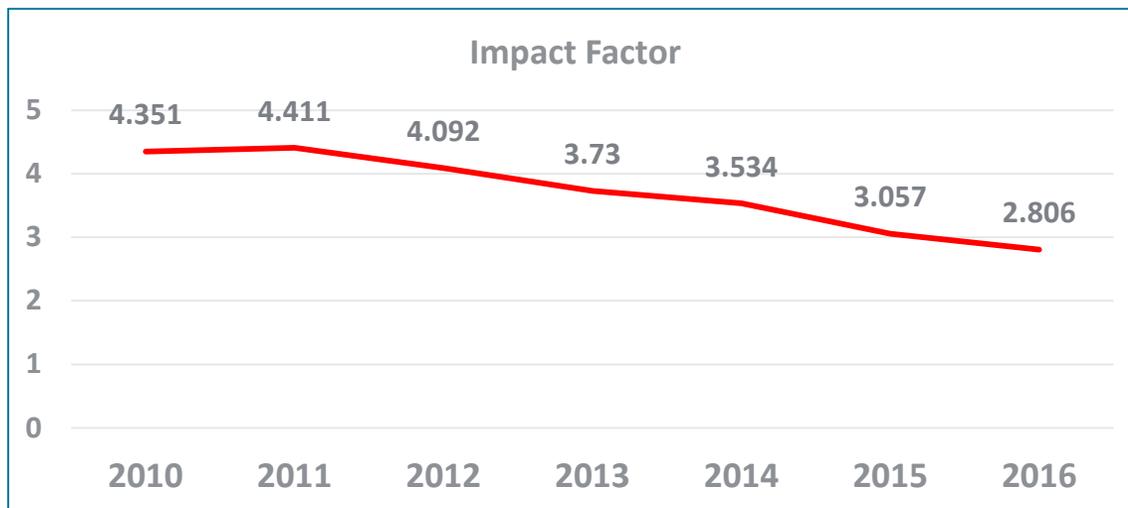
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Scopus coverage years: from 2006 to 2017

Publisher: Public Library of Science

ISSN: 1932-6203

Subject area: [Agricultural and Biological Sciences: General Agricultural and Biological Sciences](#) [Medicine: General Medicine](#) [Biochemistry, Genetics and Molecular Biology: General Biochemistry, Genetics and Molecular Biology](#)



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- CiteScore 2016: 3.11 ⓘ
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CiteScore **2016** Calculated using data from 31 May, 2017

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CiteScore rank ⓘ

Category	Rank	Percentile
Agricultural and Biological Sciences		
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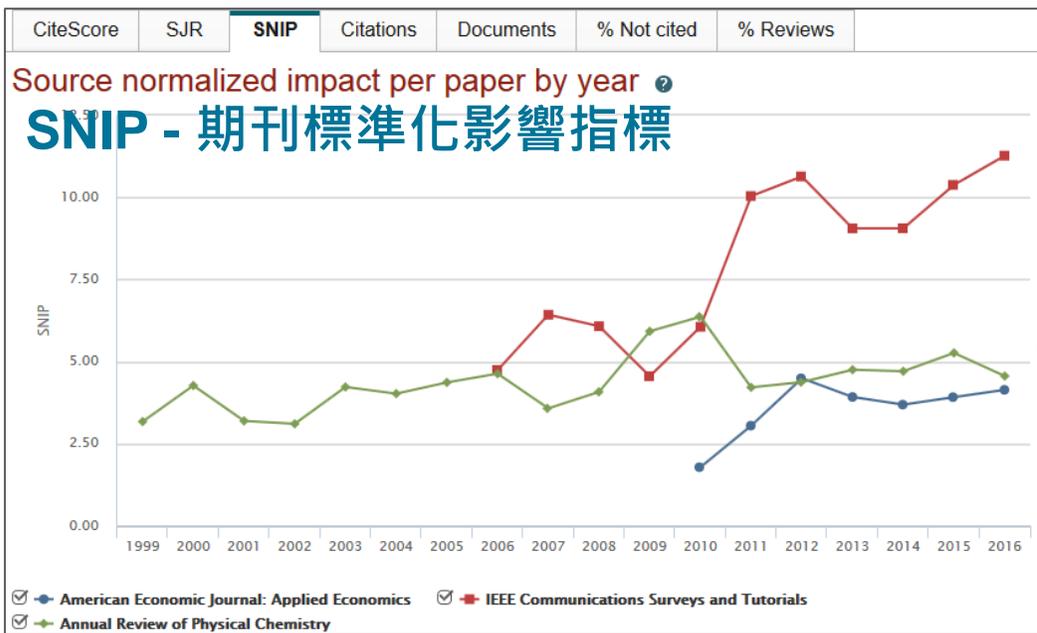
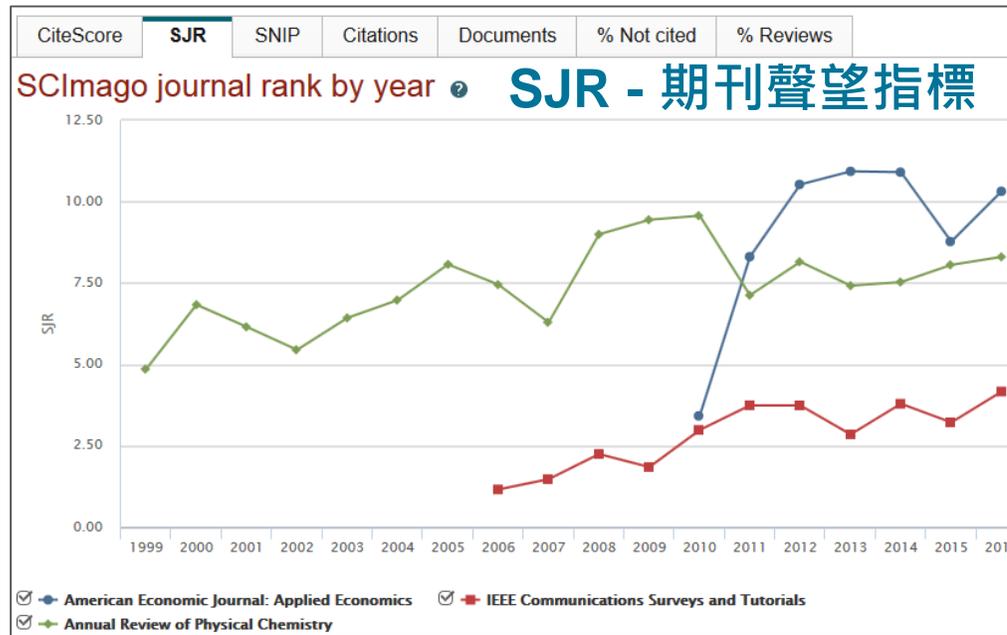
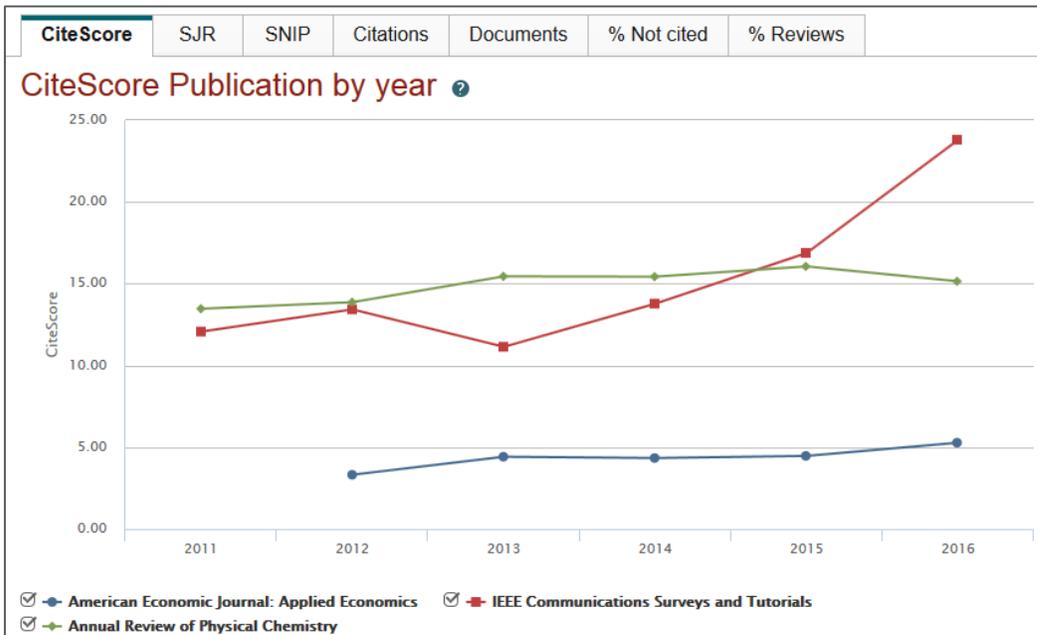
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- A journal's home page on a publisher's website
- Information about a journal on an editor's or author's personal website
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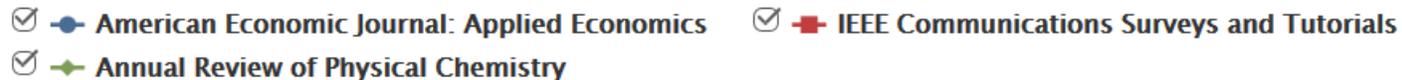


### Scientific Journal Ranking-SJR

「期刊聲望指標」其核心概念來自 Google 的 PageRank 演算法，旨在衡量期刊目前的「文章平均聲望」。SJR 藉由學術期刊的被引用次數與引用來源的重要性來衡量期刊的影響力，因此被聲望高的期刊所引用，對聲望的提升應較被一般期刊引用來得顯著，這樣的演算方式突破傳統期刊指標單純計算引用次數而無法反映個別引用價值的缺點。

### Source Normalized Impact per Paper-SNIP

「期刊標準化影響指標」考量不同學科領域的引用情形，將其引用次數予以標準化，將原本的期刊引用指數原始值透過其所屬學科領域的引用平均值予以換算，將高引用的期刊值縮小，低引用期刊的數值放大，以利跨領域的計算。SNIP 主要提供研究者直接比較不同學科領域的期刊。



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Field Weighted Citation Impact – FWCI  
「領域權重引用影響指數」依相同學  
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4136 Citations in Scopus  
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247.05 Field-Weighted Citation Impact

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**PlumX Metrics**

Usage, Captures, Mentions,  
Social Media and Citations  
based on...

	38
	475
	99
	7
	931
	52
	2
	1
	4
	46
	1
	10
	2767
	49

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<sup>1</sup>IEEE

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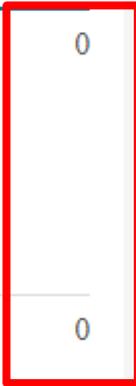
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Development of a general method for quantifying IgG-based therapeutic monoclonal antibodies in human plasma using protein G purification coupled with a two internal standard calibration strategy using LC-MS/MS	Chiu, H.-H., Liao, H.-W., Shao, Y.-Y., (...), Tsai, I.-L., Kuo, C.-H.	2018	Analytica Chimica Acta 1019, pp. 93-102	0



Development of a general method for quantifying IgG-based therapeutic monoclonal antibodies in human plasma using protein G purification coupled with a two internal standard calibration strategy using LC-MS/MS.

Citation data: Analytica chimica acta, ISSN: 1873-4324, Vol: 1019, Page: 93-102  
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## David Neal

CBE, FMedSci, FRCS, FRSB, MS, MB, BS  
 Professor of Surgical Oncology  
 University of Oxford

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### Other IDs

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#### Scopus

Author ID: 35395017200  
 Author ID: 57033632900  
 Author ID: 35393852700

### Research interests

Molecular Biology of prostate cancer

Testis Cancer Prostate Cancer

Urological Cancers

### About

Prostate Cancer outcomes from ProtecT Trial  
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### Co-authors (3332)

- AH Alexander H... (195) University of ... Follow
- JD Jenny L. Donovan (168) University of Bristol, Faculty ...
- JL J. Athene Lane (84) University of Bristol
- RM Richard Martin (79) University of ... Follow
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*Journal of Clinical Epidemiology* (2018) 96

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### Professional experience

- October 2015 - Present Professor of Surgical Oncology University of Oxford
- October 2002 - July 2014 (12 years) Professor of Surgical Oncology and Group Leader University of Cambridge
- October 1992 - September 2002 (10 years) Professor of Surgery Newcastle University - University of Newcastle

### Education

October 1980 - October 1982 Master of Surgery

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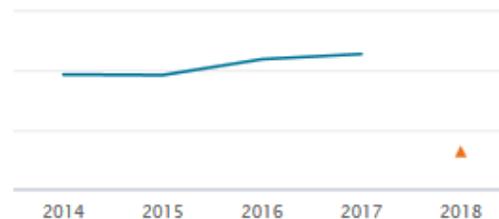
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Kang Zhang

Department of Neurology and Laboratory of Clinical Genetics, Peking Union Medical College Hospital (PUMCH), Chinese Academy of Medical Sciences & Peking Union Medical College (CAMS & PUMC), Beijing, China

These authors contributed equally to this article.

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### Publications

<b>Creatine kinase level and its relationship with quantitative electromyographic characteristics in amyotrophic lateral sclerosis</b> Tai H, Cui L, Liu M et al. <a href="#">See more</a> <i>Clinical Neurophysiology</i> (2018)	1 Readers 0 Citations
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Shih, Chih-Yu

National Taiwan University, Department of Political Science, Taipei, Taiwan  
 Author ID: 7402427568

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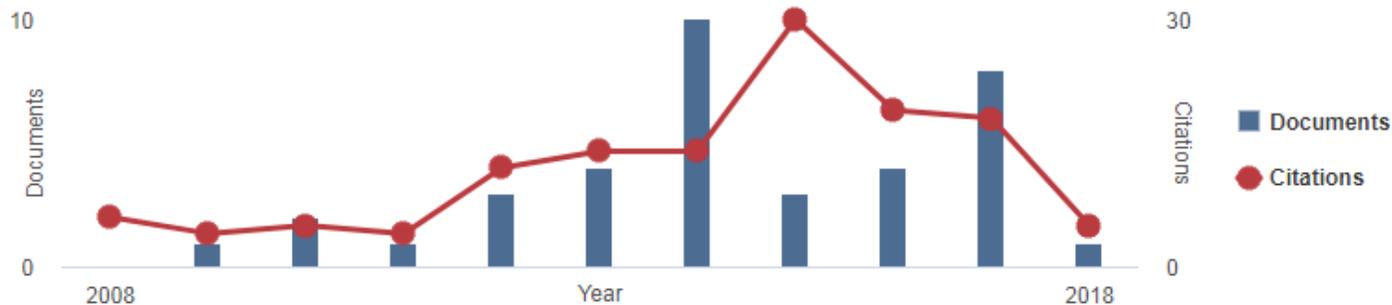
Other name formats:

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