

Journal Citation Reports® 4.5

期刊引文分析報告的使用和檢索

碩睿資訊有限公司

大綱

- 學術期刊評估性工具的重要
- Journal Citation Reports 的簡介
- Journal Citation Reports 的檢索
- Journal Citation Reports 指標介紹
- 結論

JCR

了解學術期刊的評估性工具

讓您的發表與國際研究社群接軌

之利用

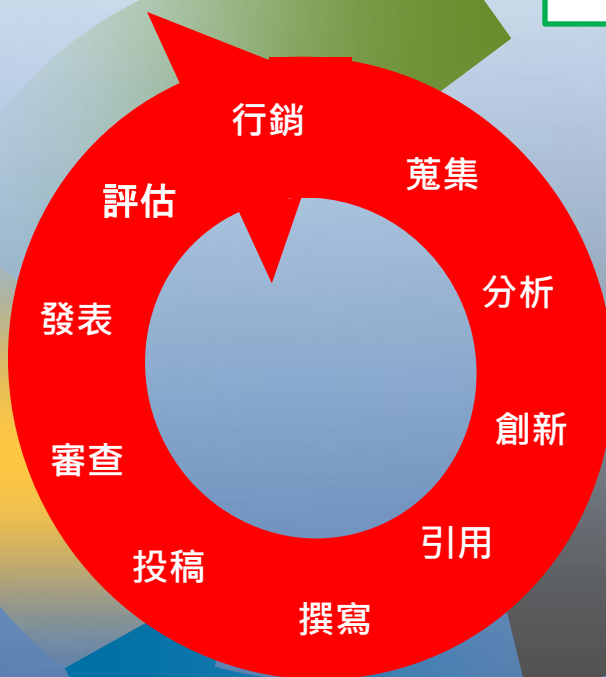
ResearcherID.com

Journal Citation Reports
(JCR)
Essential Science Indicators
(ESI)

發表評估的工具

引文索摘分析工具

Web of Science
(SCIE, SSCI, AHCI)



加速您的發表時間

EndNote

利用JCR了解學術期刊的重要性

- 某個學科領域中，哪些期刊在學科領域中**影響力最大**？
- 哪些期刊是**綜合性的期刊**？
- 哪些**期刊**是被學者們**經常利用和引用的**？
- 哪些期刊是**熱門期刊**？
- 指導研究人員有選擇的瀏覽學術期刊，並且結合實際有選擇的投稿。
- 可以為圖書館的**選刊工作**提供依據，並可以為每種期刊存放多久後即可歸檔，提供一個合適的時間參考。

JCR內容簡介

Journal Citation Reports

- 內容分為兩個版本
 - **JCR Science Edition**：提供科學專輯170多個領域**8005**本期刊的引文分析資訊
 - **JCR Social Sciences Edition**：提供社會科學專輯中所收錄的社會科學50多個學科領域**2678**本期刊的引文分析資訊

Journal Citation Reports

- JCR對每種被收錄的期刊，都會提供以下的統計數據：
 - 引文和論文數量，影響指數，立即指數，被引用半衰期，引用半衰期，期刊原始資料，引用期刊列表，被引用期刊列表，主題分類，出版社資訊，期刊刊名變化

如何利用JCR來做為投稿選刊參考

JCR的檢索

選擇檢索方式：

1. 瀏覽主題、出版社、國家/區域
2. 查詢期刊名稱，ISSN等
3. 瀏覽專輯內所有期刊

[Information for New Users](#)

選擇專輯

Select a JCR edition and year:	Select an option:
☐ JCR Science Edition 2008 ▼	☐ View a group of journals by Subject Category ▼
☒ JCR Social Sciences Edition 2008 ▼	☐ Search for a specific journal
	☒ View all journals
SUBMIT	

選擇完畢後點選Submit

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瀏覽主題、出版社、國家/區域

ISI Web of KnowledgeSM

Journal Citation Reports[®]

[Information for New Users](#)

Select a JCR edition and year:	Select an option:
☐ JCR Science Edition 2008 ▾	☐ View a group of journals by Subject Category ▾ Subject Category Publisher Country/Territory
☒ JCR Social Sciences Edition 2008 ▾	☐ Search for a specific journal
	☒ View all journals
SUBMIT	

This product is best viewed in 800x600 or higher resolution

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在此功能下可以選擇瀏覽Web of Science收錄的某個學科領域的期刊，某個出版社的期刊，某個國家或區域的期刊等

依照學科瀏覽：Subject Category Selection

ISI Web of KnowledgeSM

Journal Citation Reports[®]



2008 JCR Science Edition

Subject Category Selection

選擇一個或多個學科

[Subject Category Scope Notes](#)

1) Select one or more categories from the list.
[\(How to select more than one\)](#)

2) Select to view Journal data or aggregate Category data.

☒ View Journal Data - sort by: Journal Title

ACoustics
AGRICULTURAL ECONOMICS & POLICY
AGRICULTURAL ENGINEERING
AGRICULTURE, DAIRY & ANIMAL SCIENCE
AGRICULTURE, MULTIDISCIPLINARY
AGRONOMY
ALLERGY
ANATOMY & MORPHOLOGY
ANDROLOGY

瀏覽期刊資料

選擇期刊排序方式：

依照期刊期刊字母順序、總引用次數、影響指數、立即指數、當年發表文章數、被引用半衰期、五年影響指數、Eigenfactor、Article influence

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Subject Category Scope Note

SCIENCE CITATION INDEX EXPANDED

Scope Notes

2011

Science Citation Index
Science Citation Index Expanded

Category Name:

Acoustics

Category Description:

Acoustics covers resources on the study of the generation, control, transmission, reception, and effects of sounds. Relevant subjects include linear and nonlinear acoustics; atmospheric sound; underwater sound; the effects of mechanical vibrations; architectural acoustics; audio engineering; audiology; and ultrasound applications.

Category Name:

Agricultural Economics & Policy

Category Description:

Agricultural Economics & Policy covers resources concerning the production, distribution, and consumption of agricultural commodities as well as the managerial and policy decisions concerning these commodities.

Category Name:

Agricultural Engineering

Category Description:

Agricultural Engineering covers resources concerning many engineering applications in agriculture, including the design of machines, equipment, and buildings; soil and water engineering; irrigation and drainage engineering; crop harvesting, processing, and storage; animal production technology, housing, and equipment; precision agriculture; post-harvest processing and

依照出版社瀏覽：Publisher Selection

ISI Web of KnowledgeSM

Journal Citation Reports[®]



2008 JCR Science Edition

Publisher Selection

選擇一個或多個出版社

選擇排序方式：
依照期刊期刊字母順序、
總引用次數、影響指數
立即指數、當年發表文
章數、被引用半衰期、
五年影響指數、
Eigenfactor、Article
influence

one or more
from the list to filter

(select more than one)

A B ACADEMIC PUBL
A K PETERS LTD
A V A AGRARVERLAG
A V S AMER INST PHYSICS
AAPHD NATIONAL OFFICE
AB SVENSK PAPPERSTIDNING
ABEL PUBLICATION SERVICES
ACAD BRASILEIRA DE CIENCIAS
ACAD MANAGED CARE PHARMACY

Journal Title

SUBMIT

點選Submit

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依照國家瀏覽：Country / Territory Selection

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Journal Citation Reports[®]



2008 JCR Science Edition

Country/Territory Selection

選擇一個或多個國家

1) Select one or more countries/territories from the list to filter journals.
[\(How to select more than one\)](#)

ARGENTINA
ARMENIA
AUSTRALIA
AUSTRIA
BAHRAIN
BANGLADESH
BELGIUM
BOSNIA & HERCEG
BRAZIL

2) Sort journals by: Journal Title

SUBMIT

選擇期刊排序方式：
依照期刊期刊字母順序、
總引用次數、影響指數、
立即指數、當年發表文章
數、被引用半衰期、五年
影響指數、Eigenfactor、
Article influence

點選Submit

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查找某一特定期刊

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Journal Citation Reports[®]

[Information for New Users](#)

Select a JCR edition and year:	Select an option:
☒ JCR Science Edition 2008 ▼	☐ View a group of journals by Country/Territory ▼
☐ JCR Social Sciences Edition 2008 ▼	☒ Search for a specific journal
	☐ View all journals
SUBMIT	

選擇查找某一特定期刊的選項

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依照刊名檢索：Journal Search

ISI Web of KnowledgeSM

Journal Citation Reports[®]

瀏覽期刊名稱變化情況

2008 JCR Science Edition

[Journal Title Changes](#)



Journal Search

選擇檢索欄位：期刊全名、期刊縮寫名稱、期刊刊名、關鍵字、ISSN

1) Search by:	2) Type search term:
Full Journal Title Full Journal Title Abbreviated Journal Title Title Word ISSN	Enter words from journal title or ISSN (view list of full journal titles) SEARCH

Full Journal Title: Enter JOURNAL OF CELLULAR PHYSIOLOGY or JOURNAL OF CELL* ([more examples](#))

Abbreviated Journal Title: Enter J CELL PHYSIOL or J CELL* ([more examples](#))

Title Word: Enter CELLULAR or CELL* ([more examples](#))

ISSN: Enter 0021-9541 or other ISSN ([more examples](#))

輸入檢索詞彙

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瀏覽所有期刊

ISI Web of KnowledgeSM

Journal Citation Reports[®]

[Information for New Users](#)

Select a JCR edition and year:	Select an option:
☒ JCR Science Edition 2008 ▾	☐ View a group of journals by Country/Territory ▾
☐ JCR Social Sciences Edition 2008 ▾	☐ Search for a specific journal
	☒ View all journals
SUBMIT	

點選Submit會進入到選擇專輯下的所有期刊

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JCR多元指標提供投稿、館藏策略時之運用

JCR指標介紹

檢索結果頁面

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Journal Citation Reports[®]



2010 JCR Science Edition

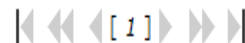
Journal Summary List

[Journal Title Changes](#)

Journals from: search Full Journal Title for 'NATURE'

Sorted by:

Journals 1 - 1 (of 1)

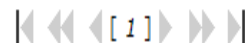


Page 1 of 1

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data ⁱ						Eigenfactor TM Metrics ⁱ	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor TM Score	Article Influence TM Score
☐	1	NATURE	0028-0836	511145	36.101	35.241	8.791	862	9.1	1.74466	19.334

Journals 1 - 1 (of 1)



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檢索結果記錄：

影響指數

五年影響指數

立即指數

論文數量

被引用半衰期

EigenfactorTM

Article InfluenceTM

JCR中常用的幾個評估指標

- ***Total Cites***：在選定的年限裡對某一方面期刊中所有文章的被引用次數的總和。
- ***Impact Factor***：用該期刊前兩年發表論文在當年被引用的次數除以該期刊前兩年發表論文的總數所得到的值。可以用來評估同一研究領域不同期刊的相對重要性。
- ***5-Year Impact Factor***：對於社會科學領域的期刊該指數較能看出其期刊影響力（需經過較久的時間引用才會達到高峰）
- ***Immediacy Index***：用某一年中發表的文章在當年被引用次數除以同年發表文章的總數得到的指數。用於評估特定期刊在當年被引用的速度。

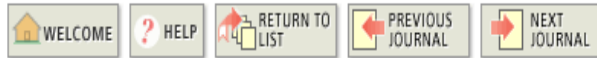
JCR中常用的幾個評估指標

- *Articles*：某特定期刊當年發表的文章總數。
- *Cited Half-life*：指期刊達到50%被引用率所需要的時間。該數值有助於圖書館確定期刊的館藏和存檔的策略。
- *EigenfactorTM*：可了解特定期刊在學術引用社群的總影響力，利用期刊引用網絡(citation network)找出評估較具權威性的期刊
- *Article InfluenceTM*：可提供該期刊平均每篇文章的影響力。

全記錄頁面

ISI Web of KnowledgeSM

Journal Citation Reports[®]



2008 JCR Science Edition

Journal: NATURE

Mark	Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
	NATURE	0028-0836	443967	31.434	31.210	8.194	899	8.5	4.9

[Cited Journal](#) [Citing Journal](#) [Source Data](#) [Journal Self Cites](#)

CITED JOURNAL DATA

CITING JOURNAL DATA

IMPACT FACTOR TREND

RELATED JOURNALS

全記錄：

影響指數

五年影響指數

期刊自我引用

立即指數

論文數量

被引用半衰期

引用半衰期

期刊原始資料

被引用期刊列表

引用期刊列表

五年影響指數趨勢圖

相關期刊

Journal Information ⓘ

Full Journal Title: NATURE

ISO Abbrev. Title: Nature

JCR Abbrev. Title: NATURE

ISSN: 0028-0836

Issues/Year: 51

Language: ENGLISH

Journal Country/Territory: ENGLAND

Publisher: NATURE PUBLISHING GROUP

Publisher Address: MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND

Subject Categories: MULTIDISCIPLINARY SCIENCES

SCOPE NOTE

VIEW JOURNAL SUMMARY LIST

VIEW CATEGORY DATA

Journal Rank in Categories: JOURNAL RANKING

Impact Factor影響指數

- 影響指數是指該期刊於早2年所出版的文獻數，在某一特定年份被其它文章引用的平均數。而這是提供比較相同研究領域中，期刊相對重要程度的方法。
- 即【該期刊早2年被收錄於ISI資料庫的文獻被引用次數的和】除以【該期刊早2年所有出版文獻總數】

Journal Impact Factor ⓘ

Cites in 2010 to items published in:	2009 = 28609 2008 = 35110 Sum: 63719	Number of items published in:	2009 = 866 2008 = 899 Sum: 1765
--------------------------------------	--	-------------------------------	---------------------------------------

Calculation: <u>Cites to recent items</u>	<u>63719</u>	=	36.101
Number of recent items	1765		

5-Year Journal Impact Factor 5年影響指數

- 5年影響指數是指該期刊於早5年所出版的文獻數在某一特定年份被其它文章引用的平均數。提供年代更長的期刊引用趨勢，引用活動的查看範圍因而隨之放大，使用者更能夠快速瀏覽豐富的資料
- 即【該期刊早5年被收錄於ISI資料庫的文獻被引用次數的而這是提供比較相同研究領域中，期刊相對重要程度的方法和】除以【該期刊早5年所有出版文獻總數】

5-Year Journal Impact Factor ⓘ

Cites in {2010} to items published in:

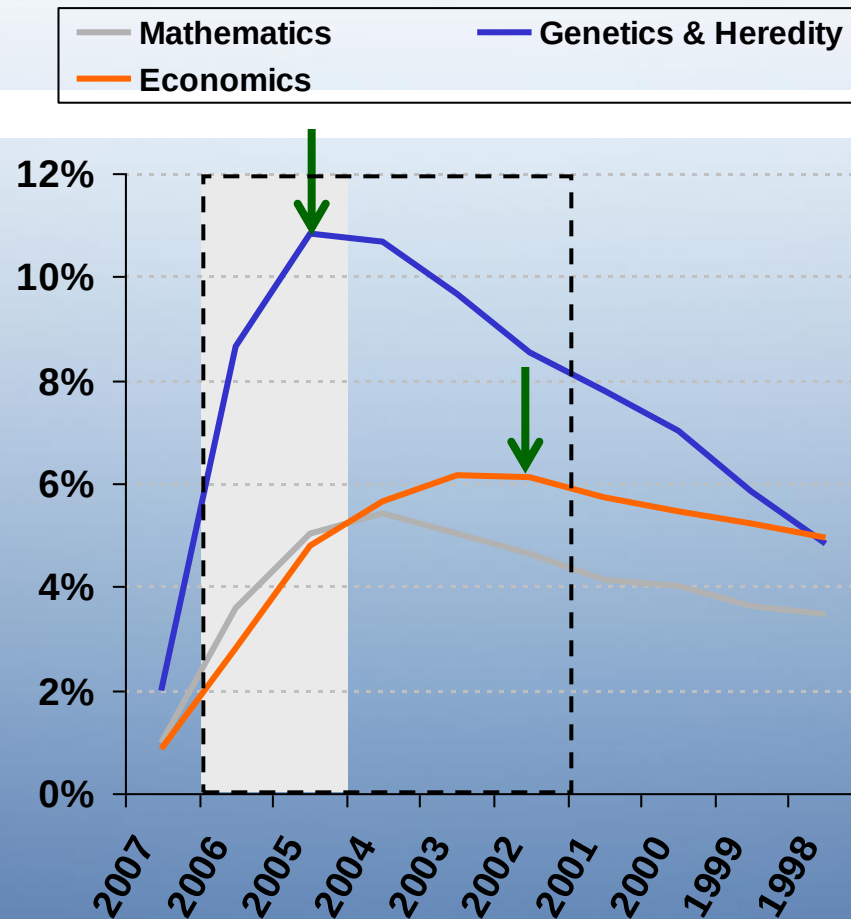
2009 = 28609
2008 = 35110
2007 = 32352
2006 = 33009
2005 = 34192
Sum: 163272

Number of items published in:

2009 = 866
2008 = 899
2007 = 841
2006 = 962
2005 = 1065
Sum: 4633

Calculation: $\frac{\text{Cites to recent items}}{\text{Number of recent items}} = \frac{163272}{4633} = 35.241$

Citation Behavior, variance among disciplines:



There are inherent differences between different fields with regards to citation behavior. For some fields such as Mathematics or Economics it takes longer to reach the peak of citation activity.

Immediacy Index立即指數

- 立即指數為該期刊於當年所出版的文獻數在當年度被其它文章引用的平均數。可以評量一本期刊中，所收文章在發表同一年內被引用的頻率
- 即【該期刊當年被收錄於ISI資料庫的文獻被引用次數的和】除以【該期刊當年所有出版文獻總數】

Journal Immediacy Index

Cites in 2010 to items published in 2010 = 7578

Number of items published in 2010 = 862

Calculation:
$$\frac{\text{Cites to current items}}{\text{Number of current items}} = \frac{7578}{862} = 8.791$$

Cited Half-Life被引用半衰期

- 被引用半衰期是指從最近一年算起，一期刊被引用次數達到全部被引用次數的50%時所需之時間
- 被引用半衰期有二規定：該期刊必須被引用100次以上才列出；當10年內其被引用次數未達總被引用次數的50%時，以>10.0表示

Journal Cited Half-Life ⓘ

The cited half-life for the journal is the median age of its items cited in the current JCR year. Half of the citations to the journal are to items published within the cited half-life.

Cited Half-Life: 9.1 years

Breakdown of the citations *to the journal* by the cumulative percent of 2010 cites to items published in the following years:

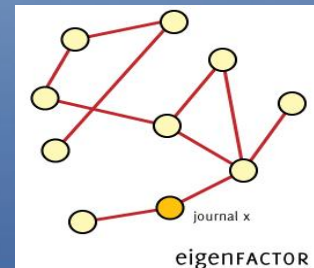
Cited Year	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000-all
# Cites from 2010	7578	28609	35110	32352	33009	34192	27054	27904	27327	28500	229510
Cumulative %	1.48	7.08	13.95	20.28	26.74	33.42	38.72	44.18	49.52	55.10	100

Cited Half-Life Calculations:

The cited half-life calculation finds the number of publication years from the current JCR year that account for 50% of citations received by the journal. Read help for more information on the calculation.

Eigenfactor™

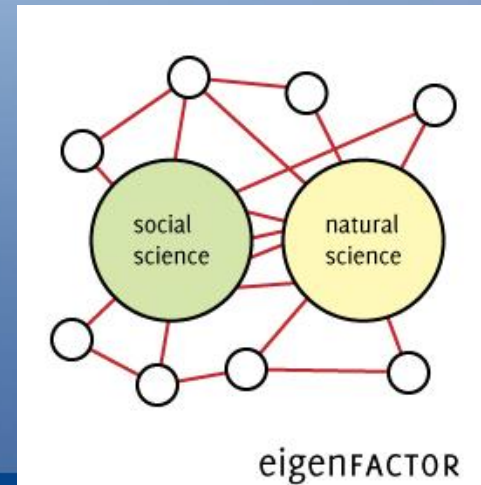
- 可了解特定期刊在學術引用社群的總影響力
- 利用期刊引用網絡(citation network)找出評估較具權威性的期刊
 - 類似Google page Rank的概念
 - 若該期刊被較具影響力之期刊引用，則得到較高的引文值
 - 具有相同引用次數的期刊，A被較具影響力的期刊引用，B被一般期刊引用，則A得到較高的數值
 - 模擬研究者藉由引用行為從A移動至B、C...D期刊的隨機過程
- 採用近五年的citation widow
- 詳細計算公式請參考
<http://www.eigenfactor.org/methods.htm>



Eigenfactor™

- 特色

- 忽略期刊自我引用
- 將科學、自然科學期刊一起計算
- 可考量不同學科領域的引用差異，讓各學科能在同一引文基準點上進行比較
- 出版文章數越多的期刊可能具較高引用次數，能見度較高，通常有較高的Eigenfactor



Article Influence™

- Article Influence™可提供該期刊平均每篇文章的影響力
 - 計算方式=(該期刊的Eigenfactor/該期刊當年文章數)*0.01
 - 在JCR資料庫所有文章的平均值為1
 - 若該期刊Article Influence大於1，表示該期刊每篇文章影響力居於JCR資料庫所有文章的平均值以上；反之，小於1則在平均值以下

Journal Self Cites 期刊自我引用

- Journal self cites
 - 該期刊總引用次數(total cites)中，期刊自我引用次數及比例
- Self Cites to Years Used in Impact Factor Calculation
 - 該期刊在近兩年之引用次數中，期刊自我引用次數及比例
- Impact Factor without Self Cites
 - 該期刊扣除期刊自我引用後之影響係數

Journal Self Cites ⓘ

The tables show the contribution of the journal's self cites to its impact factor. This information is also represented in the [cited journal graph](#).

Total Cites	511145	Self Cites	4051 (0% of 511145)
Cites to Years Used in Impact Factor Calculation	63719	Self Cites to Years Used in Impact Factor Calculation	1018 (1% of 63719)
Impact Factor	36.101	Impact Factor without Self Cites	35.525

Cited Journal 被引用期刊

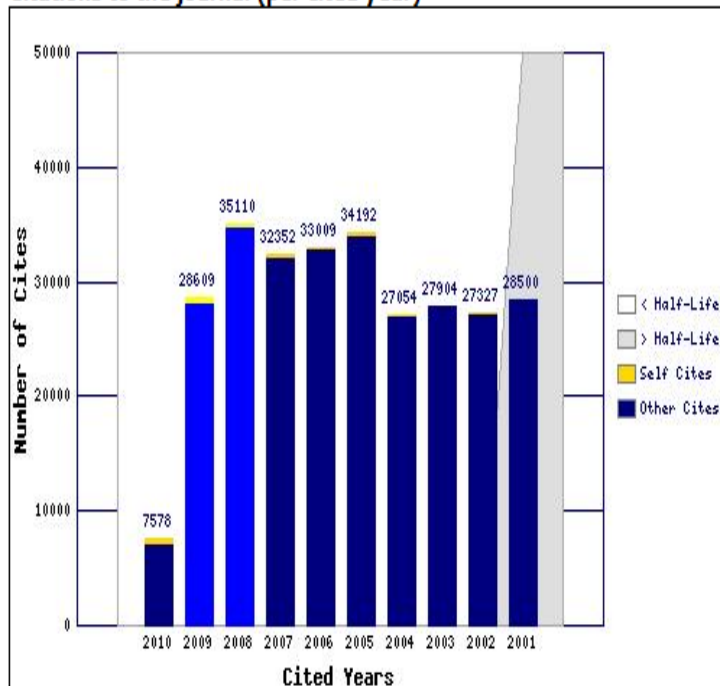
- 被引用期刊圖表提供各年度被其他期刊引用這本期刊文章的分布狀況

Cited Journal Graph ⓘ

[Click here for Cited Journal data table](#)

This graph shows the distribution by cited year of citations to items published in the journal NATURE.

Citations to the journal (per cited year)



- The white/grey division indicates the cited half-life (if < 10.0). Half of the journal's cited items were published more recently than the cited half-life.

- The top (gold) portion of each column indicates Journal Self Citations: citations to items in the journal from items in the same journal.

- The bottom (blue) portion of each column indicates Non-Self Citations: citations to the journal from items in other journals.

- The two lighter columns indicate citations used to calculate the Impact Factor (always the 2nd and 3rd columns).

Citing Journal 引用期刊

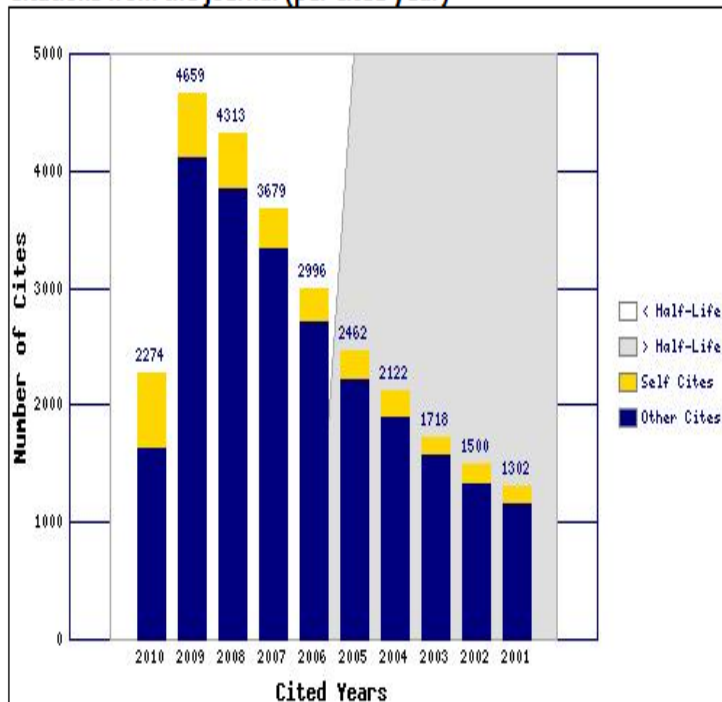
- 引用期刊圖表提供各年度其他期刊引用這本期刊文章的分布狀況

Citing Journal Graph

[Click here for Citing Journal data table](#)

This graph shows the distribution by cited year of citations from current-year items in the journal NATURE.

Citations from the journal (per cited year)



- The white/grey division indicates the citing half-life (if < 10.0). Half of the citations from the journal's current items are to items published more recently than the citing half-life.

- The top (gold) portion of each column indicates Journal Self-Citations: citations from items in the journal to items in the same journal.

- The bottom (blue) portion of each column indicates Non-Self Citations: citations from the journal to items in other journals.

Source Data期刊原始資料

- 期刊原始資料是計算一期刊當年的文章篇數(僅原始研究和評論文章) 以及其參考書目數量，並提供每篇文章的平均參考書目數量

Journal Source Data

	Citable items			Other items
	Articles	Reviews	Combined	
Number in JCR year 2010 (A)	825	37	862	1708
Number of references (B)	28321	3358	31679	5026.00
Ratio (B/A)	34.3	90.8	36.8	2.9

Journal: NATURE

點選Cited Journal Data，
即可查看被引用期刊列表

Mark	Journal Title	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
	NATURE	31.210	8.194	899	8.5	4.9
Journal Self Cites						

CITED JOURNAL DATA

CITING JOURNAL DATA

IMPACT FACTOR TREND

RELATED JOURNALS

Cited Journal: NATURE

Number of times articles published in 2008 (in journals below) cited articles published in NATURE (in years below). ([How to read this table](#))

Journals 1 - 20 (of 6656)

1 2 3 4 5 6 7 8 9 10

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Impact	Citing Journal	Cited Year											
		All Yrs	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	Rest
	All Journals	443967	7366	25365	31311	32776	26188	28084	28176	29167	29622	21169	184743
9.380	P NATL ACAD SCI USA	6756	155	584	713	661	487	477	429	437	394	287	2132
5.520	J BIOL CHEM	5745	72	347	424	425	282	408	367	337	416	335	2332
3.322	PHYS REV B	5535	293	400	504	584	541	495	412	428	340	299	1239
31.434	NATURE	4029	760	583	444	379	272	254	187	184	155	107	704
7.180	PHYS REV LETT	3710	199	355	393	391	416	292	306	298	223	191	646
6.000	J IMMUNOL	2901	31	219	287	175	78	158	138	184	165	123	1343
3.147	J GEOPHYS RES	2867	22	126	173	316	198	121	146	148	138	124	1355
7.452	J NEUROSCI	2850	50	154	202	157	163	176	227	179	166	162	1214
2.908	PHYS REV A	2715	48	264	244	289	345	316	314	310	139	126	320
3.726	APPL PHYS LETT	2499	50	146	276	195	326	260	191	175	191	103	586
8.091	J AM CHEM SOC	2348	45	157	155	192	109	182	153	148	184	142	881
3.396	J PHYS CHEM C	2215	20	60	114	147	87	150	149	240	167	113	968
28.103	SCIENCE	2173	151	280	227	231	192	161	158	127	98	58	490
6.331	ASTROPHYS J	2069	19	140	283	284	114	139	94	50	24	55	867
	P SOC PHOTO-OPT INS	2027	22	98	172	180	138	222	137	135	122	106	695
2.508	PHYS REV E	1785	16	60	96	176	104	119	94	166	175	121	658
3.955	EARTH PLANET SC LETT	1778	19	75	108	179	121	95	79	99	82	70	851
6.878	NUCLEIC ACIDS RES	1729	31	136	141	176	169	108	133	115	130	62	528
5.308	J VIROL	1728	14	86	132	189	91	118	121	85	68	47	777

Journal: NATURE

Mark	Journal Title	Impact	5-Year Impact	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
	NATURE			8.194	899	8.5	4.9
	Cited Journal						

點選Citing Journal Data ,
即可查看引用期刊列表

[CITED JOURNAL DATA](#)
[CITING JOURNAL DATA](#)
 IMPACT FACTOR TREND
 [RELATED JOURNALS](#)

Citing Journal: NATURE

Number of times articles published in journals below (in years below) were cited in NATURE in 2008. ([How to read this table](#))

Journals 1 - 20 (of 1542)

[1](#) | [2](#) | [3](#) | [4](#) | [5](#) | [6](#) | [7](#) | [8](#) | [9](#) | [10](#)

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Impact	Cited Journal	Cited Year											
		All Yrs	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	Rest
	All Journals	36361	2654	5015	4270	3559	3030	2375	2024	1764	1547	1269	8854
31.434	NATURE	4029	760	583	444	379	272	254	187	184	155	107	704
	ALL OTHERS (2866)	2866	323	324	202	162	152	126	135	98	90	76	1178
28.103	SCIENCE	2323	120	318	266	248	206	168	170	125	98	84	520
9.380	P NATL ACAD SCI USA	1360	69	166	179	154	114	105	84	76	61	48	304
31.253	CELL	1155	62	154	175	119	101	55	63	54	50	41	281
7.180	PHYS REV LETT	967	66	141	119	111	80	45	49	41	33	35	247
5.520	J BIOL CHEM	683	20	64	53	60	71	73	55	67	32	25	163
6.331	ASTROPHYS J	478	40	65	61	31	41	25	10	34	27	26	118
3.147	J GEOPHYS RES	460	9	33	35	30	27	31	26	26	21	19	203
30.259	NAT GENET	396	50	69	65	41	29	22	16	18	32	19	35
8.091	J AM CHEM SOC	365	32	34	44	40	26	23	16	12	12	12	114
13.623	GENE DEV	344	12	32	50	28	32	21	21	21	23	18	86
3.322	PHYS REV B	332	20	36	35	30	28	24	14	21	10	11	103
14.170	NEURON	325	13	48	42	30	16	32	24	23	19	18	60
8.295	EMBO J	284	10	19	24	25	22	15	20	22	14	19	94
7.452	J NEUROSCI	284	4	39	35	36	20	26	14	14	14	24	58
12.903	MOL CELL	260	18	40	42	29	27	22	19	16	20	16	11
5.942	MOL CELL BIOL	254	2	20	18	28	32	24	18	17	21	14	60
6.878	NUCLEIC ACIDS RES	246	11	26	25	40	29	19	12	13	8	4	59
6.812	DEVELOPMENT	229	7	15	20	32	24	11	19	10	23	11	57

Journal: NATURE

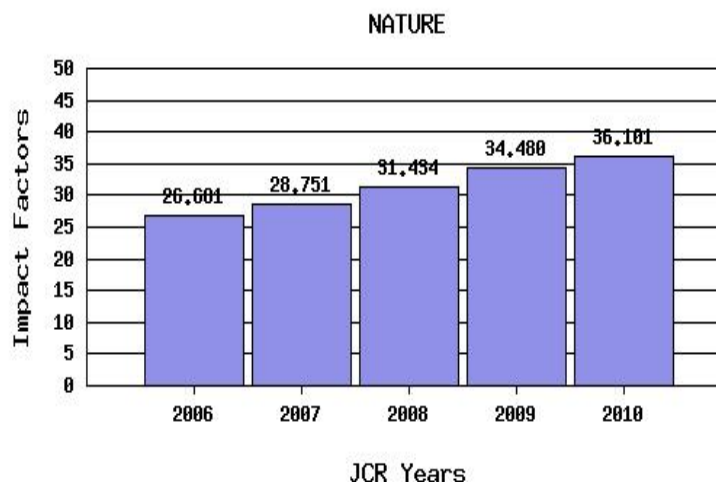
點選Impact Factor Trends查看五年影響指數

Mark	Journal Title	ISSN	Total Cited Items	5-Year Cited Items	Cited Half-life	Citing Half-life
	NATURE	0028-0836	44,399	3,899	8.5	4.9
Cited Journal Citing Journal						

[CITED JOURNAL DATA](#)
[CITING JOURNAL DATA](#)
[IMPACT FACTOR TREND](#)
[RELATED JOURNALS](#)

Impact Factor Trend Graph: NATURE

Click on the "Return to Journal" button to view the full journal information.



**Impact Factor -- see below for calculations*

The journal impact factor is a measure of the frequency with which the "average article" in a journal has been cited in a particular year. The impact factor will help you evaluate a journal's relative importance, especially when you compare it to others in the same field. For more bibliometric data and information on this and other journal titles click on the "Return to Journal" button.

NOTE: Title changes and coverage changes may result in no impact factor for one or more years in the above graph.

Journal: NATURE

Mark	Journal Title	ISSN	Total Cites	Impact	5-Year Impact	Citable	Cited Half-life	Citing Half-life
	NATURE	0028-0836	443967				8.5	4.9
Cited Journal Citing Journal Source								

點選Related Journals瀏覽該期刊的相關期刊

CITED JOURNAL DATA

CITING JOURNAL DATA

IMPACT FACTOR TREND

RELATED JOURNALS

Related Journals: NATURE

Journal Relatedness is based on the strength of cited and citing relationships.
The table below lists journal(s) that likely cover topics related to those covered in NATURE.
[More information about these calculations.](#)

Sorted by:

Journals 1 - 20 (of 1145)
Page 1 of 58

R _{max}	Related journal (j)	Relatedness (R)	
		NATURE to j	j to NATURE
123.25	NATURE	123.25	123.25
111.94	NAT PHYS	14.90	111.94
105.82	NAT GEOSCI	1.48	105.82
95.22	CELL	91.28	95.22
94.62	PALEOCEANOGRAPHY	15.87	94.62
91.88	NAT STRUCT MOL BIOL	21.67	91.88
89.73	CURR OPIN GENET DEV	12.88	89.73
88.28	CHEM ENG NEWS	0.32	88.28
88.01	NAT NANOTECHNOL	5.62	88.01
82.21	NAT REV MOL CELL BIO	37.00	82.21
79.80	GENOME RES	16.28	79.80
79.32	NAT REV GENET	40.00	79.32
78.86	CELL STEM CELL	6.59	78.86
78.56	NAT CELL BIOL	25.61	78.56
78.45	NAT METHODS	13.98	78.45
77.65	NAT PHOTONICS	3.72	77.65
77.55	SCIENCE	74.12	77.55
77.29	AM SCI	7.20	77.29
76.26	GENE DEV	29.66	76.26

Journal Rank in Categories

- Journal Ranking



JOURNAL RANKING

- 可了解該期刊在各領域的排名情形
- 係根據各領域之期刊影響係數(Impact Factor)排序後，所得的名次
- 若該期刊屬多個領域，則有不同的名次
- 除實際名次外，可知該期刊於該領域的四分位百分比，Q1為該領域影響係數名次前25%，Q2為25%-50%，Q3為50%-75%，Q4則為後75%

Nature期刊排名

Rank in Category: NATURE

Journal Ranking

For **2010**, the journal **NATURE** has an Impact Factor of **36.101**.

This table shows the ranking of this journal in its subject categories based on Impact Factor.

總期刊數 影響係數排名 四分位百分比排名

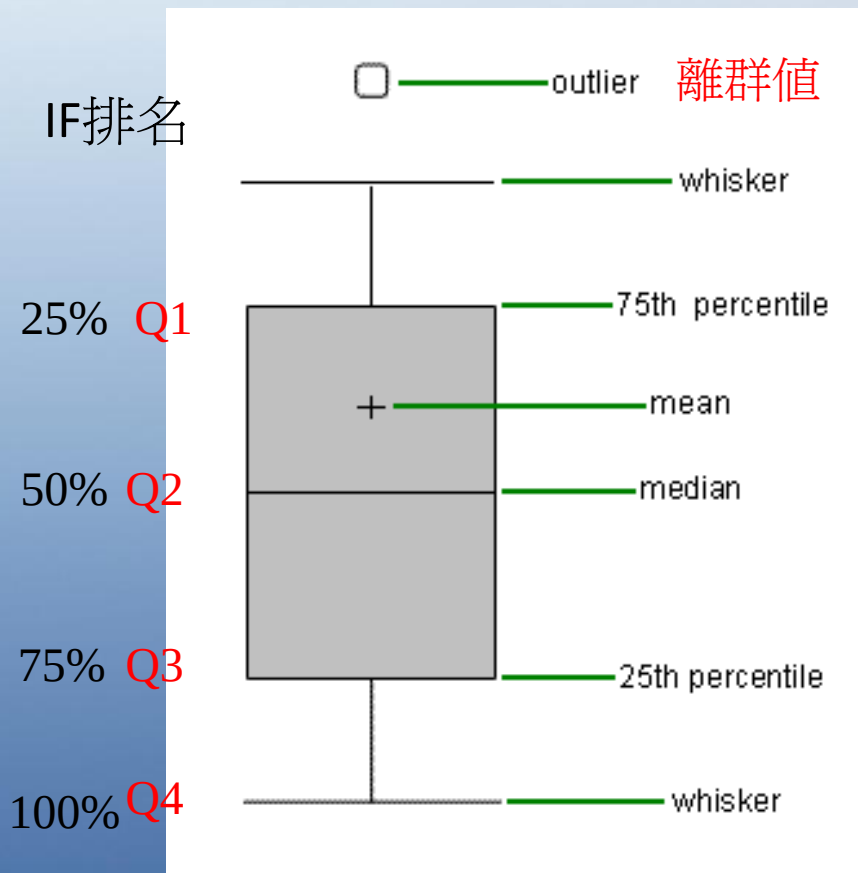
Category Name	Total Journals in Category	Journal Rank in Category	Quartile in Category
MULTIDISCIPLINARY SCIENCES	57	1	Q1

- MULTIDISCIPLINARY SCIENCES領域
- Nature於MULTIDISCIPLINARY SCIENCES領域之影響係數排名第1，為前25%(Q1)

Journal Rank in Categories

- Category Box Plot

- 透過箱線圖來顯現某期刊在各個領域的排名相對位置
- 依據影響係數排名將期刊分成四個等級，Q1為0%-25%、Q2為25%-50%、Q3為50%-75%、Q4則為75-100%
- +代表某領域期刊影響係數之平均值(mean)
- 上端的Whisker線為Q1+四位分位間距(即 $Q3 - Q1$ ，inter-quartile range) $\times 1.5$ 倍，而所有大於Whisker上端為離群值，即圖形中的outlier



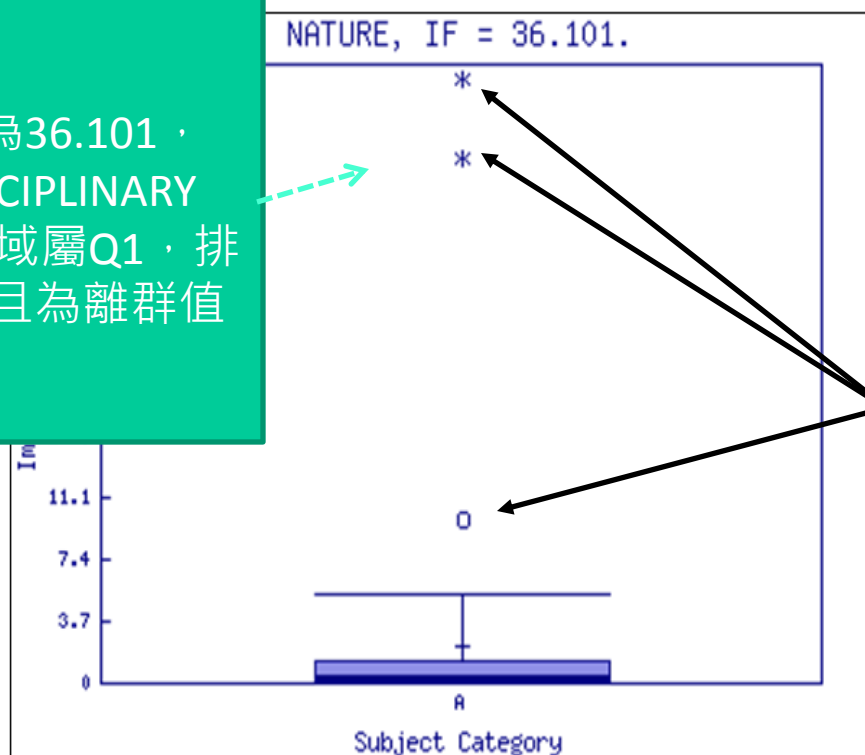
Nature期刊箱型圖

Category Box Plot ⓘ

For **2010**, the journal **NATURE** has an Impact Factor of **36.101**.

This is a box plot of the subject category or categories to which the journal has been assigned. It provides information about the distribution of journals based on Impact Factor values. It shows median, 25th and 75th percentiles, and the extreme values of the distribution.

Nature之IF為36.101，
於MULTIDISCIPLINARY
SCIENCES領域屬Q1，排
名前25%，且為離群值



MULTIDISCIPLINARY
SCIENCES領域IF排名前3
名期刊，為離群值

Key

A - MULTIDISCIPLINARY SCIENCES

QUIZ!

◆如何找到NANO TODAY同時屬於
哪些領域 ,又該本期刊在所屬各領域
的表現?

Journal: Nano Today

Mark	Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
	NANO TODAY	1748-0132	1279	11.750	13.396	1.459	37	2.8	4.3
Cited Journal Citing Journal Source Data Journal Self Cites									

[CITED JOURNAL DATA](#) [CITING JOURNAL DATA](#) [IMPACT FACTOR TREND](#) [RELATED JOURNALS](#)

Journal Information ⓘ

Full Journal Title: Nano Today
ISO Abbrev. Title: Nano Today
JCR Abbrev. Title: NANO TODAY
ISSN: 1748-0132
Issues/Year: 6
Language: ENGLISH
Journal Country/Territory: ENGLAND
Publisher: ELSEVIER SCI LTD
Publisher Address: THE BOULEVARD, LANGEFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND

Eigenfactor™ Metrics
Eigenfactor™ Score
0.00832
Article Influence™ Score
4.695

Additional Links

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[Holdings](#) [GO](#)

Subject Categories: CHEMISTRY, MULTIDISCIPLINARY [SCOPE NOTE](#) [VIEW JOURNAL SUMMARY LIST](#) [VIEW CATEGORY DATA](#)
NANOSCIENCE & NANOTECHNOLOGY [SCOPE NOTE](#) [VIEW JOURNAL SUMMARY LIST](#) [VIEW CATEGORY DATA](#)
MATERIALS SCIENCE, MULTIDISCIPLINARY [SCOPE NOTE](#) [VIEW JOURNAL SUMMARY LIST](#) [VIEW CATEGORY DATA](#)

Journal Rank in Categories: [JOURNAL RANKING](#)

Journal Citation Reports®



Rank in Category: Nano Today

Journal Ranking

For **2010**, the journal **Nano Today** has an Impact Factor of **11.750**.

This table shows the ranking of this journal in its subject categories based on Impact Factor.

Category Name	Total Journals in Category	Journal Rank in Category	Quartile in Category
CHEMISTRY, MULTIDISCIPLINARY	144	7	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	222	6	Q1
NANOSCIENCE & NANOTECHNOLOGY	63	3	Q1

QUIZ!

◆請問 JOURNAL CITATION REPORTS 的 SCIENCE EDITION 中，共有幾本台灣期刊被收錄？而其中 IMPACT FACTOR 最高的為哪一本期刊？

Step 1.

Select a JCR edition and year:	Select an option:
☒ JCR Science Edition 2010	☒ View a group of journals by Country/Territory
☐ JCR Social Sciences Edition 2010	☐ Search for a specific journal
	☐ View all journals
SUBMIT	

Step 2.

1) Select one or more countries/territories from the list to filter journals.

[\(How to select more than one\)](#)

- SRILANKA
- SWEDEN
- SWITZERLAND
- TAIWAN**
- THAILAND
- TUNISIA
- TURKEY
- U ARAB EMIRATES
- UGANDA

2) Sort journals by:

Impact Factor

Step 3. Find the Answer!!

ISI Web of KnowledgeSM

Journal Citation Reports®



2010 JCR Science Edition

Journal Summary List

[Journal Title Changes](#)

Journals from: countries/territories TAIWAN

Sorted by:

Journals 1 - 20 (of 30)

Navigation icons: back, forward, search, etc.

Page 1 of 2

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data ⓘ						Eigenfactor™ Metrics ⓘ	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor™ Score	Article Influence™ Score
☐	1	J BIOMED SCI	1021-7770	1751	1.962	2.124	0.193	140	5.7	0.00498	0.608
☐	2	AEROSOL AIR QUAL RES	1680-8584	243	1.792		0.219	64	2.7	0.00088	
☐	3	J CHIN INST CHEM ENG	0368-1653	377	1.488	0.870		0	3.9	0.00115	0.207
☐	4	INT J FUZZY SYST	1562-2479	206	1.362		0.333	36	2.9	0.00020	
☐	5	J POLYM RES	1022-9760	728	1.186	1.443	0.208	101	4.6	0.00222	0.349
☐	6	J FORMOS MED ASSOC	0929-6646	1670	1.125	0.942	0.191	110	6.8	0.00388	0.259
☐	7	J MICROBIOL IMMUNOL	1684-1182	968	1.116		0.025	79	5.2	0.00294	

Conclusion

JCR的用途

- 圖書館：為選刊工作提供依據，同時為期刊歸檔時間提供參考
- 研究人員與學者：了解自己研究領域的期刊
- 資訊分析專家：從學科計量學角度跟蹤學科發展的動態，研究引文模式
- 作者：找到最適合同時又具一定影響力的期刊，確定投稿方向
- 出版機構或編輯人員：觀察期刊在其市場中的影響力，適合調整編輯策略

Thank You

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