



**Journal Citation Reports®
on the Web v.4.2**

Table of Contents

Table of Contents	2
JCR 簡介.....	4
JCR 的使用者.....	4
ISI Web of Knowledge Home Page 網頁.....	5
JCR Home Page 首頁.....	5
Journal Search Screen 期刊搜尋畫面.....	6
Journal Search Options 期刊檢索項目選擇.....	6
Journal Summary List 查詢結果清單.....	7
Full Record Page 全記錄.....	8
Impact Factor 影響指數.....	10
Immediacy Index 立即指數.....	10
Cited Half-Life 被引用半衰期.....	11
Cited Journal Graph 被引用期刊圖表.....	11
Citing Half-Life 引用半衰期.....	12
Citing Journal Graph 引用期刊圖表.....	12
Source Data 原始資料.....	13
Cited Journal Data 被引用期刊清單.....	14
Citing Journal List 引用期刊清單.....	15
Related Journals 相關期刊.....	16
Impact Factor Trend Graph 影響指數圖表.....	17
Links from Web of Science.....	18
View Journals by Subject Category	以分類瀏覽期刊..... 20
Sort Again 再次排序.....	21
View Category Data 看瀏覽資訊.....	22
Journals Related to Aggregate Subject Category	學科領域的相關期刊..... 25
Marking Records 選取期刊.....	26
Marked List 個人選取清單.....	27
Printing Records 列印.....	27
Saving Records 儲存.....	28

<i>Importing Saved Records to Microsoft Excel</i>	<i>將儲存資料輸出到 EXCEL</i>	28
<i>Journal Title Changes</i>	<i>期刊名稱變更</i>	31
<i>Unified Impact Factors</i>	<i>合併影響指數</i>	32
<i>附錄 A – Five Year Impact Factors</i>	<i>五年影響指數</i>	34
<i>附錄 B – Handling Self-Citations</i>	<i>自我引用管理</i>	35
<i>Contacting Thomson Scientific</i>		37
<i>聯絡金珊資訊有限公司</i>		37

JCR 簡介

Journal Citation Reports (JCR) 是一個獨特的各種學科期刊評鑑工具。*Journal Citation Reports on the Web* 是唯一一個根據引用資料提供統計資訊的期刊評鑑資源。藉著匯集被引用的參考資料，*JCR* 能夠比較期刊在其學科領域上對研究所帶來的影響程度，並且顯示出引用與被引用期刊間的相互關係。*JCR* 提供了可以計量的統計資訊，而這些統計資訊能夠提供一個有系統、客觀的方式去評定期刊在其主題範圍中的重要性。

	Science Edition	Social Sciences Edition
Frequency: 更新頻率	Annual 每年更新	Annual 每年更新
Number of Journals Covered: 涵蓋期刊數	6,088	1,747
Number of Subject Categories: 涵蓋學科種類	171	55

JCR 的使用者

JCR 提供了 *JCR* 裡的每本期刊的影響指數和立即指數的數據、引用模式和期刊的一般資訊。*JCR* 所提供的資訊通常被不同使用者實際的應用在各個方面：

圖書館員和資訊專業人員	- 發展和管理期刊的館藏 - 幫助選擇和移除館藏內的期刊 - 協助擬定期刊館藏政策
出版者和編輯者	- 決定期刊在市場上的影響力 - 回顧（評論）編輯的決定
作者	- 確認何者為較適當、有影響力的期刊 - 確認他們所出版的期刊的地位
教授和學生	使他們能夠知道從哪裡去找尋到在其個別領域內的正確閱讀書單
資訊分析者	- 追蹤書目計量學方向 - 研究引文關係型態

更多關於 *Journal Citation Reports* 的短文資訊請上 Thomson Scientific 的網站
<http://scientific.thomson.com/knowtrend/essays/> 取得相關資訊。

ISI Web of Knowledge Home Page 網頁

ISI Web of KnowledgeSM Take the next step

Sign In | My EndNote Web | My ResearcherID | My Citation Alerts | My Journal List | My Saved Searches | Log Out | Help

All Databases | Select a Database | Web of Science | **Additional Resources**

Analytical Tools:

Journal Citation Reports®

Journal performance metrics offer a systematic, objective means to critically evaluate the world's leading journals.

- Delivers quantifiable statistical information based on citation data
- Helps determine a publication's impact and influence in the global research community
- Includes journal and category data

Web Sites:

ISI HighlyCited.comSM

This free, expert gateway uses citation data to deliver comprehensive information about the most significant scientists and scholars publishing today.

BiologyBrowser

A free database of resources and links for the life sciences information community.

Index to Organism Names

The world's largest online database of scientific organism names.

In-cites

A free, behind-the-scenes look at key scientists, journals, institutions, nations, and papers selected by *Essential Science Indicators*; includes interviews, first-person essays, and profiles.

ResearcherID.com

ResearcherID provides the global research community with an invaluable index to author information. Each author listed is assigned a unique number, which serves as a fast, easy identifier.

Science Watch®

Track hot or emerging fields as well as national and international trends.

Thomson Scientific Sales

More information for new users

How can I use this resource? These products provide a variety of data to research. Read help for more information.

完成檢索後，點選Log out 離開Web of Knowledge，以便讓他人檢索

進入 JCR 可透過以下步驟：

1. 點選 Additional Resources 連結
2. 點選 Journal Citation Reports®，即可進入系統

JCR Home Page 首頁

Journal Citation Reports®

選擇期刊版本和年份、搜尋條件和瀏覽的選項，然後點選SUBMIT

點選 Information for New Users 連結，可取得更多的JCR的使用方法

[Information for New Users](#)

Select a JCR edition and year:

☒ JCR Science Edition 2005

☐ JCR Social Sciences Edition 2005

Select an option:

☒ View a group of journals by Subject Category

☐ Search for a specific journal

☐ View all journals

SUBMIT

Journal Search Screen 期刊搜尋畫面

Journal Citation Reports®

WELCOME ? HELP

2005 JCR Science Edition

Journal Search [Journal Title Changes](#)

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

Search Examples:

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](#))

點選 [Journal Title Changes](#) 可查看到在您所限定的年份和版本中更改過刊名的期刊資訊

Journal Search Options 期刊檢索項目選擇

- **Full Journal Title 完整期刊名**
複製然後貼上從 [view list of full journal titles](#) 連結中選出的完整期刊名，或精確地鍵入資料庫中該期刊的名稱。可使用右切截。鍵入 *modern physics lett** 可查到 *Modern Physics Letters A* 和 *Modern Physics Letters B*。
- **Abbreviated Journal Title 期刊縮寫名稱**
鍵入確切的 ISI 期刊縮寫名稱，這個縮寫可能和 ISO 期刊縮寫不同。可使用右切截。鍵入 *adv sec mess phosph* 可查到 *Advances in Second Messenger and Phosphoprotein Research*。
- **Title Word 刊名單字**
鍵入任一單字或以星號做切截的部份單字。不提供布林邏輯結合多個刊名單字的功能。鍵入 *cell* 可查到期刊：*Cell*、*Journal of Cell Biology*、*Plant Cell* 等等。鍵入 *cell** 可查到 *Cell*、*Journal of Cell Biology*、*Stem Cells*、*Journal of Cellular Plastics* 等等。
- **ISSN**
鍵入期刊的 ISSN 前 4 位數字，然後鍵入連字符號及後 4 位數字，或鍵入全部 8 位數字中間不需加入標點符號或空格。鍵入 *0001-5237* or *00015237* 可查到 *Acta Astronomica*。

Journal Summary List 查詢結果清單

Journal Citation Reports®

WELCOME
 HELP

2005 JCR Science Edition

Journal Summary List
[Journal Title Changes](#)

Journals from: All Journals
 Sorted by:

Journals 1 - 20 (of 6088)

Page 1 of 305

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
☐	1	AAPG BULL	0149-1423	4586	1.350	0.227	75	>10.0
☐	2	AAPS J	1550-7416	31	1.100	0.108	83	
☐	3	AAPS PHARMSCI	152				0	4.2
☐	4	AATCC REV	153			0.012	84	3.3
☐	5	ABDOM IMAGING	0942-8525	1257	1.887	0.220	118	5.5
☐	6	ABH MATH SEM HAMBURG	0025-5858	281	0.150	0.000	15	>10.0
☐	7	ACAD EMERG MED	1069-6563	2877	1.789	0.311	183	5.0
☐	8	ACAD MED	1040-2446	4476	1.940	0.377	191	6.3
☐	9	ACAD RADIOL	1076-6332	2070	1.644	0.427	171	4.2
☐	10	ACCOUNTS CHEM RES	0001-4842	21293	13.141	3.414	99	6.5
☐	11	ACCREDIT QUAL ASSUR	0949-1775	309	0.519	0.039	51	4.0
☐	12	ACI MATER J	0889-325X	1150	0.419	0.057	53	9.3
☐	13	ACI STRUCT J	0889-3241	1187	0.544	0.099	91	8.3
☐	14	ACM COMPUT SURV	0360-0300	1731	7.400	0.375	8	7.3
☐	15	ACM SIGPLAN NOTICES	0362-1340	808	0.175	0.017	178	7.3
☐	16	ACM T COMPUT SYST	0734-2071	829	2.045	0.000	9	>10.0
☐	17	ACM T DATABASE SYST	0362-5915	757	1.833	0.045	22	>10.0
☐	18	ACM T DES AUTOMAT EL	1084-4309	170	0.540	0.091	33	5.3
☐	19	ACM T GRAPHIC	0730-0301	1755	3.652	0.242	132	3.3
☐	20	ACM T INFORM SYST	1046-8188	1065	4.529	0.200	15	6.5

Journals 1 - 20 (of 6088)

Page 1 of 305

點選連結可顯示完整
期刊記錄

Full Record Page 全記錄

[WELCOME](#)
[HELP](#)
[RETURN TO LIST](#)

Journal: NATURE

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life	Citing Half-life
	NATURE	0028-0836	372784	29.273	5.825	1065	7.5	4.7

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

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

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](#)

Additional Links
[GO TO ULRICH'S](#)
[GO TO CC CONNECT](#)
[Holdings](#) [GO](#)

Journal Impact Factor

Cites in 2005 to articles published in: 2004 = 21496 Number of articles published in: 2004 = 878
 2003 = 29352 2003 = 859
 Sum: 50848 Sum: 1737

Calculation: $\frac{\text{Cites to recent articles}}{\text{Number of recent articles}} = \frac{50848}{1737} = 29.273$

Journal Immediacy Index

Cites in 2005 to articles published in 2005 = 6204
 Number of articles published in 2005 = 1065
 Calculation: $\frac{\text{Cites to current articles}}{\text{Number of current articles}} = \frac{6204}{1065} = 5.825$

Journal Cited Half-Life

The cited half-life for the journal is the median age of its articles cited in the current JCR year. Half of the citations to the journal are to articles published within the cited half-life.
Cited Half-Life: 7.5 years

Breakdown of the citations *to the journal* by the cumulative percent of 2005 cites to articles published in the following years:

Cited Year	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995-all
# Cites from 2005	6204	21496	29352	30776	30622	31589	23513	25431	21614	16165	136022
Cumulative %	1.66	7.43	15.30	23.56	31.77	40.25	46.56	53.38	59.18	63.51	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.

上方顯示目前期刊的概要資料。點選亮藍色連結可連至下方之完整資料。

點選Scope Note可以查看到此學科領域的說明與解釋

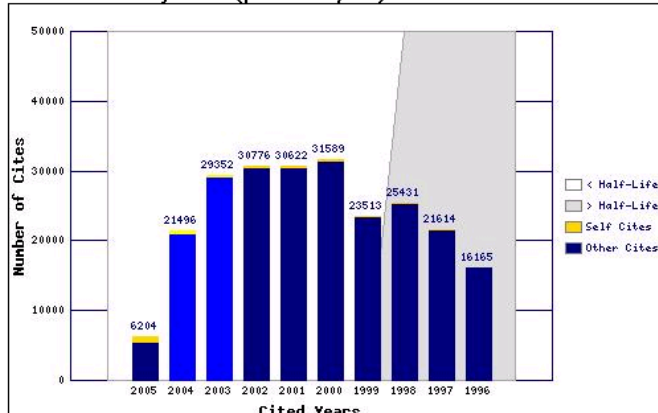
點選VIEW CATEGORY DATE可以查看到此期刊所屬學科領域的整體表現資料

Cited Journal Graph

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

This graph shows the distribution by cited year of citations to articles 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 articles were published more recently than the cited half-life.

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

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

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

Journal Citing Half-Life

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

Citing Half-Life: 4.7 years

Breakdown of the citations *from the journal* by the cumulative percent of 2005 cites to articles published in the following years:

Cited Year	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995-all
# Cites from 2005	2886	5389	4447	3725	3007	2620	2023	1723	1410	1189	8765
Cumulative %	7.76	22.25	34.21	44.23	52.32	59.36	64.80	69.44	73.23	76.43	100

Citing Half-Life Calculations:

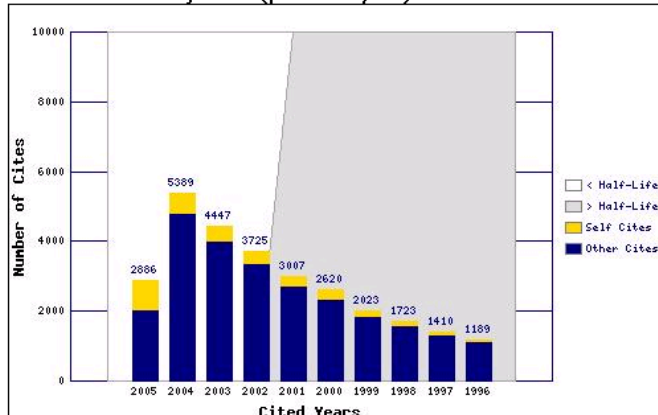
The citing half-life calculation finds the number of publication years from the current JCR year that account for 50% of citations in the journal. Read help for more information on the calculation.

Citing Journal Graph

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

This graph shows the distribution by cited year of citations from current-year articles 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 articles are to articles published more recently than the citing half-life.

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

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

Journal Source Data

	Citable items			Other items
	Articles	Reviews	Combined	
Number in JCR year 2005 (A)	1009	56	1065	1769
Number of references (B)	26969	4624	31593	5593.00
Ratio (B/A)	26.7	82.6	29.7	3.2

Impact Factor 影響指數

Journal Impact Factor ⓘ			
Cites in 2005 to articles published in: 2004 = 21496		Number of articles published in: 2004 = 878	
2003 = 29352		2003 = 859	
Sum: 50848		Sum: 1737	
Calculation: <u>Cites to recent articles</u>	<u>50848</u>	=29.273	
Number of recent articles	1737		

- 影響指數(impact factor) 代表該期刊在某一特定年份被其它期刊引用的平均數。
- JCR 影響指數是以「該期刊前 2 年被收錄在 ISI 資料庫的文獻在該年度被引用次數的和」除以「該期刊前 2 年所有出版文獻總數」

Immediacy Index 立即指數

Journal Immediacy Index ⓘ			
Cites in 2005 to articles published in 2005 = 6204			
Number of articles published in 2005		= 1065	
Calculation: <u>Cites to current articles</u>	<u>6204</u>	=5.825	
Number of current articles	1065		

- 立即指數(Immediacy Index)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。
- 立即指數(Immediacy Index)是以「該期刊當年被收錄於 ISI 資料庫的文獻在該年度被引用次數總和」除以「該期刊該年所有出版文獻總次數的和」

Cited Half-Life 被引用半衰期

Journal Cited Half-Life ⓘ

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

Cited Half-Life: 7.5 years

Breakdown of the citations *to the journal* by the cumulative percent of 2005 cites to articles published in the following years:

Cited Year	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995-all
# Cites from 2005	6204	21496	29352	30776	30622	31589	23513	25431	21614	16165	136022
Cumulative %	1.66	7.43	15.30	23.56	31.77	40.25	46.56	53.38	59.18	63.51	100

Cited Half-Life Calculations:

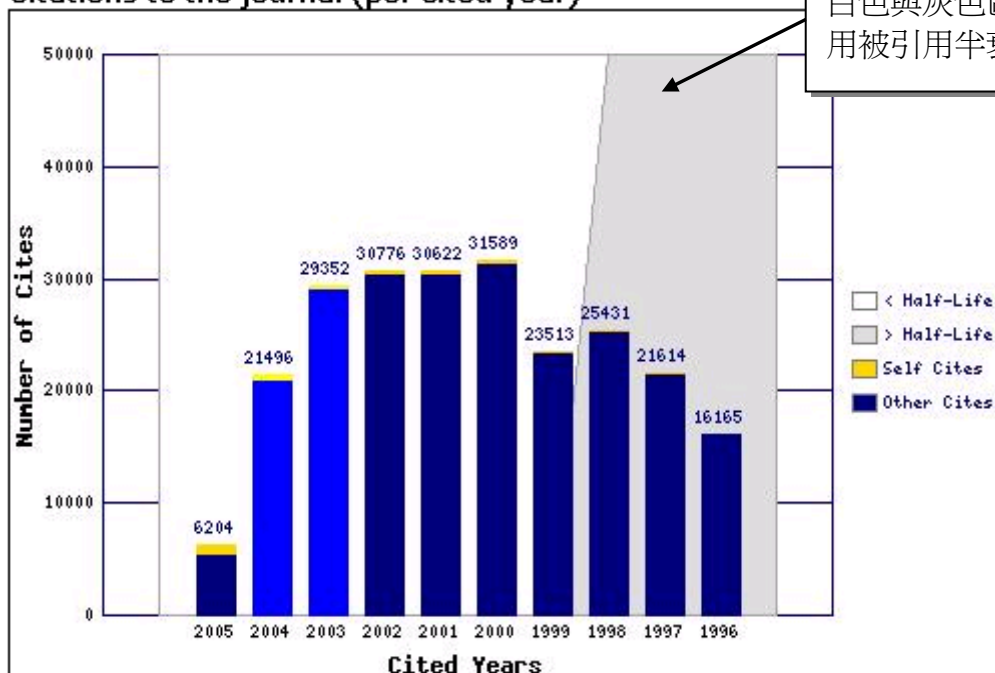
The cited half-life calculation finds the number of publication years from the current JCR year that account for 50% of citations received by the journal. Read help for more information on the calculation.

- 被引用半衰期(cited half-life)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%所需的時間。
- 這個圖表幫助您評估該期刊中的文章被引用的時限壽命，可以幫助圖書館應用在館藏及檔案管理上，例如決定是否要將一本期刊放在常用資料區或是收存起來。

Cited Journal Graph 被引用期刊圖表

Cited Journal Graph 提供各年度被其他期刊引用這本期刊文章的分布狀況，下圖以 **Nature** 期刊為例

Citations to the journal (per cited year)



白色與灰色區域區分是採用被引用半衰期來區分

圓柱上方黃色區域代表被自我引用次數

圓柱下方藍色區域代表被其他期刊引用次數

第二及第三條 (亮藍色) 圓柱表示 被用來計算期刊的影響指數的年代

Citing Half-Life 引用半衰期

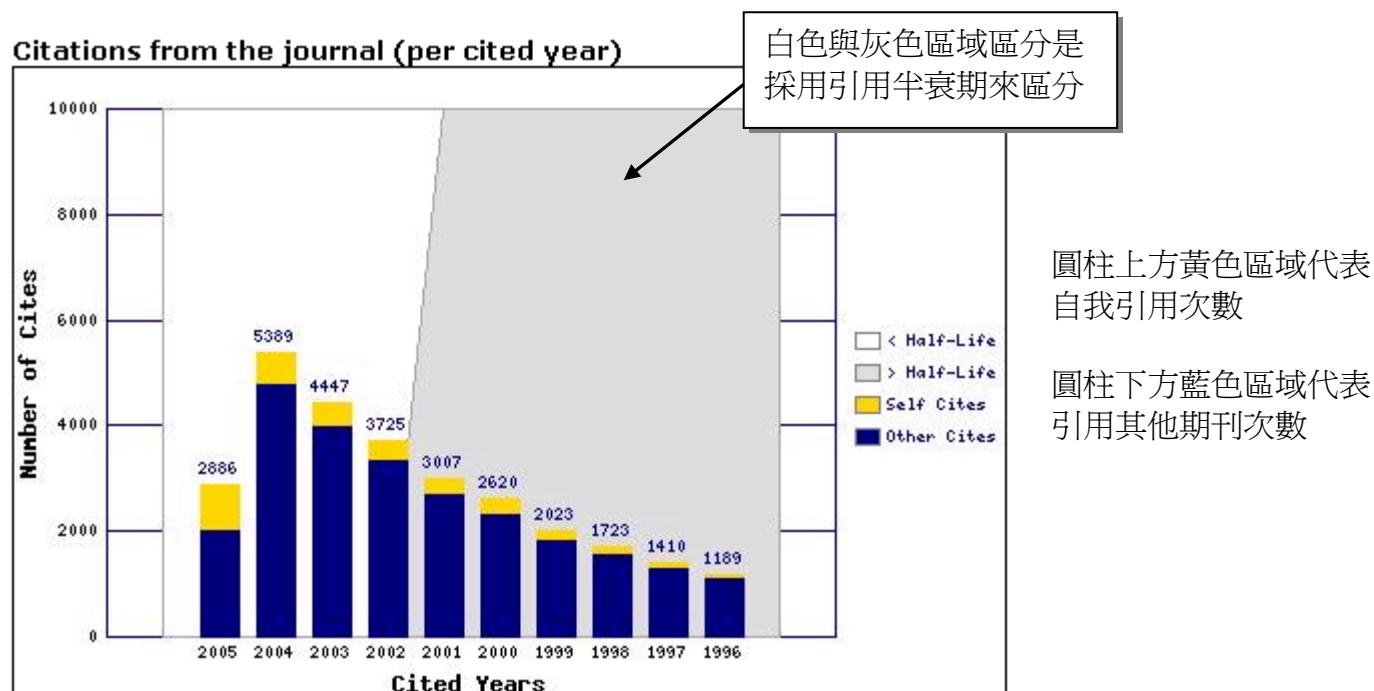
Journal Citing Half-Life ⓘ											
The citing half-life for the journal is the median age of the articles the journal cited in the current JCR year. Half of the citations in the journal are to articles published within the citing half-life.											
Citing Half-Life: 4.7 years											
Breakdown of the citations <i>from the journal</i> by the cumulative percent of 2005 cites to articles published in the following years:											
Cited Year	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995-all
# Cites from 2005	2886	5389	4447	3725	3007	2620	2023	1723	1410	1189	8765
Cumulative %	7.76	22.25	34.21	44.23	52.32	59.36	64.80	69.44	73.23	76.43	100

Citing Half-Life Calculations:
The citing half-life calculation finds the number of publication years from the current JCR year that account for 50% of citations in the journal. Read help for more information on the calculation.

- 引用半衰期(citing half-life)是指從最近一年算起，一期刊引用其他期刊次數達到全部引用次數的 50%所需的時間。
- 這個圖表幫助您了解此期刊中的文章所引用的文獻的時限壽命。引用半衰期與被引用半衰期可以應用在出版社在調整出版策略上。

Citing Journal Graph 引用期刊圖表

Citing Journal Graph 圖表提供各年度其他期刊引用這本期刊文章的分布狀況，下圖以 Nature 期刊為例



Source Data 原始資料

Journal Source Data i				
	Citable items			Other items
	Articles	Reviews	Combined	
Number in JCR year 2005 (A)	1009	56	1065	1769
Number of references (B)	26969	4624	31593	5593.00
Ratio (B/A)	26.7	82.6	29.7	3.2

- Source Data(原始資料)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。
- 由於評論文章通常比原始研究文章更常被高度引用，建議在比較其引用頻率時應考慮期刊原始資料中的文獻類型。
- Other items 包含了 editorials(社論)、letters(書信)、news items(新聞)、meeting abstracts(會議摘要)。Other items 不包含在 JCR 計算中，因為這不是一般的引用。此項目資料只有 2003 年還之後的年代才有此項目。

Cited Journal Data 被引用期刊清單

Cited Journal: NATURE													
Number of times articles published in 2005 (in journals below) cited articles published in NATURE (in years below). (How to read this table)													
Journals 1 - 20 (of 5135) [1 2 3 4 5 6 7 8 9 10] Page 1 of 257													
Impact	Citing Journal	Cited Year											
		All Yrs	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	Rest
	All Journals	372784	6204	21496	29352	30776	30622	31589	23513	25431	21614	16165	136022
5.854	J BIOL CHEM	8007	96	379	683	655	607	689	589	606	580	435	2688
10.231	P NATL ACAD SCI USA	5616	181	529	588	600	507	485	353	344	294	190	1545
3.185	PHYS REV B	4517	42	419	516	459	507	517	453	539	205	148	712
29.273	NATURE	4341	889	624	466	387	312	307	190	179	138	109	740
7.489	PHYS REV LETT	3253	69	428	522	414	379	304	256	269	113	66	433
6.387	J IMMUNOL	3074	25	82	199	231	260	217	214	283	219	169	1175
7.506	J NEUROSCI	2598	25	143	162	231	182	207	230	175	219	150	874
3.000	BIOCHEM BIOPH RES CO	2534	27	108	180	186	167	209	168	176	207	128	978
7.093	MOL CELL BIOL	2347	32	115	211	245	197	249	183	160	190	122	643
6.308	ASTROPHYS J	2307	178	210	311	128	118	53	125	182	74	84	844
7.419	J AM CHEM SOC	2282	30	140	186	208	181	219	178	157	131	85	767
4.033	J PHYS CHEM B	2264	16	62	166	184	206	208	159	188	135	73	867
30.927	SCIENCE	2252	143	316	259	229	217	196	147	124	84	67	470
5.178	J VIROL	2127	38	163	188	172	152	113	68	154	128	130	821
3.848	BIOCHEMISTRY-US	2111	16	111	147	148	140	144	109	118	134	88	956
4.127	APPL PHYS LETT	2030	15	177	289	203	171	240	195	198	116	83	343
2.784	J GEOPHYS RES	1898	44	103	107	147	132	113	110	121	60	100	861
2.997	PHYS REV A	1813	28	202	333	317	301	181	154	123	63	4	107
5.229	J MOL BIOL	1683	15	78	159	144	109	124	72	89	120	94	679
2.418	PHYS REV E	1669	21	89	143	109	220	186	173	231	92	56	349
Journals 1 - 20 (of 5135) [1 2 3 4 5 6 7 8 9 10] Page 1 of 257													

- 被引用期刊列表顯示所選擇的期刊被下方表格中之期刊所引用情形。引用期刊依照其引用文獻總次數排序。
- 表格中列出 10 年內被引用次數，超過 10 年的參考文獻列於"Rest"一欄。
- 被引用期刊清單可以顯示一本期刊的學科趨勢，並指出與其有關聯性或相互競爭的其他期刊。

Citing Journal List 引用期刊清單

Citing Journal: NATURE													
Number of times articles published in journals below (in years below) where cited in NATURE in 2005. (How to read this table)													
Journals 1 - 20 (of 1738) Page 1 of 87													
Impact	Cited Journal	Cited Year											
		All Yrs	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	Rest
	All Journals	37184	2886	5389	4447	3725	3007	2620	2023	1723	1410	1189	8765
29.273	NATURE	4341	889	624	466	387	312	307	190	179	138	109	740
	ALL OTHERS (3630)	3630	318	434	278	237	187	181	141	126	129	107	1492
30.927	SCIENCE	2448	183	403	280	270	213	188	156	117	111	71	456
10.231	P NATL ACAD SCI USA	1311	87	216	152	161	111	89	84	85	49	54	223
29.431	CELL	940	56	136	89	94	77	74	52	67	67	47	181
2.784	J GEOPHYS RES	780	16	47	112	53	61	63	37	27	44	27	293
6.308	ASTROPHYS J	710	33	92	83	71	75	69	54	43	22	22	146
5.854	J BIOL CHEM	682	33	85	85	76	59	53	53	47	34	21	136
7.489	PHYS REV LETT	667	53	110	67	59	58	39	32	41	29	25	154
10.053	EMBO J	344	19	36	36	46	38	21	27	25	15	16	65
7.603	DEVELOPMENT	312	18	47	31	35	23	28	26	25	19	19	41
3.244	ICARUS	298	11	31	26	26	15	11	10	13	8	15	132
7.506	J NEUROSCI	296	18	23	37	30	33	26	16	21	19	19	54
15.610	GENE DEV	289	15	52	52	31	29	24	23	17	14	5	27
10.951	J CELL BIOL	275	16	24	36	16	20	23	21	20	6	11	82
14.304	NEURON	269	16	40	42	28	33	28	16	12	10	20	24
25.797	NAT GENET	267	26	41	40	42	28	35	20	14	9	4	8
3.434	EARTH PLANET SC LETT	261	6	31	22	25	21	18	23	10	13	20	72
2.491	GEOPHYS RES LETT	245	13	45	38	23	23	14	19	9	9	10	42
5.229	J MOL BIOL	235	8	32	18	22	24	10	14	9	16	9	73
Journals 1 - 20 (of 1738) Page 1 of 87													

- 引用期刊列表(Citing Journal Listing)將該頁最上方之特定期刊所引用之出版品列於表格中。被引用的出版品依其引用文獻總次數排序。
- 該表依出版年列出 10 年中的被引用項目。超過 10 年的參考文獻項目列於"Rest"一欄。
- 引用期刊清單可以顯示一本期刊的學科趨勢,並指出與其有關聯性或相互競爭的其他期刊。

Related Journals 相關期刊

相關期刊此頁面根據引用資訊提供期刊與其他期刊相關程度的資訊。相關期刊可以從每個期刊的全記錄（Full Record）的頁面上取得連結。期刊的關聯價值是依照以下幾點來計算：

- 主要期刊引用相關期刊的引用次數
- 相關期刊的文章總數
- 引用期刊的引用文獻總數

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: R max SORT AGAIN

Journals 1 - 20 (of 1151) | << < [1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10] > >> Page 1 of 58

R _{max}	Related journal (j)	Relatedness (R)	
		NATURE to j	j to NATURE
118.33	REV GEOPHYS	118.33	37.58
109.62	NATURE	109.62	109.62
81.84	PHYS WORLD	0.78	81.84
80.68	ANNU REV BIOCHEM	80.68	37.16
79.61	SCIENCE	79.61	67.67
79.25	CELL	79.25	70.16
79.14	PALEOCEANOGRAPHY	29.88	79.14
75.55	ADV ECOL RES	3.84	75.55
73.96	T ROY SOC EDIN-EARTH	73.96	10.22
69.92	ASTROBIOLOGY	3.28	69.92
68.30	J GEN PHYSIOL	12.98	68.30
67.95	GENOME RES	23.21	67.95
67.69	TRENDS GENET	16.29	67.69
64.92	NAT GENET	37.79	64.92
64.20	PROG QUANT ELECTRON	17.93	64.20
62.81	CURR OPIN GENET DEV	11.85	62.81
62.55	CURR BIOL	17.52	62.55
62.15	NAT REV GENET	32.27	62.15
61.18	NAT CELL BIOL	25.30	61.18
61.04	ORIGINS LIFE EVOL B	6.72	61.04

Journals 1 - 20 (of 1151) | << < [1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10] > >> Page 1 of 58

排序選項：

- R max
- R max**
- Related journal
- R journal to j
- R j to journal

Rmax 顯示的是圖表右方 Relatedness 兩者數值中較高的數值

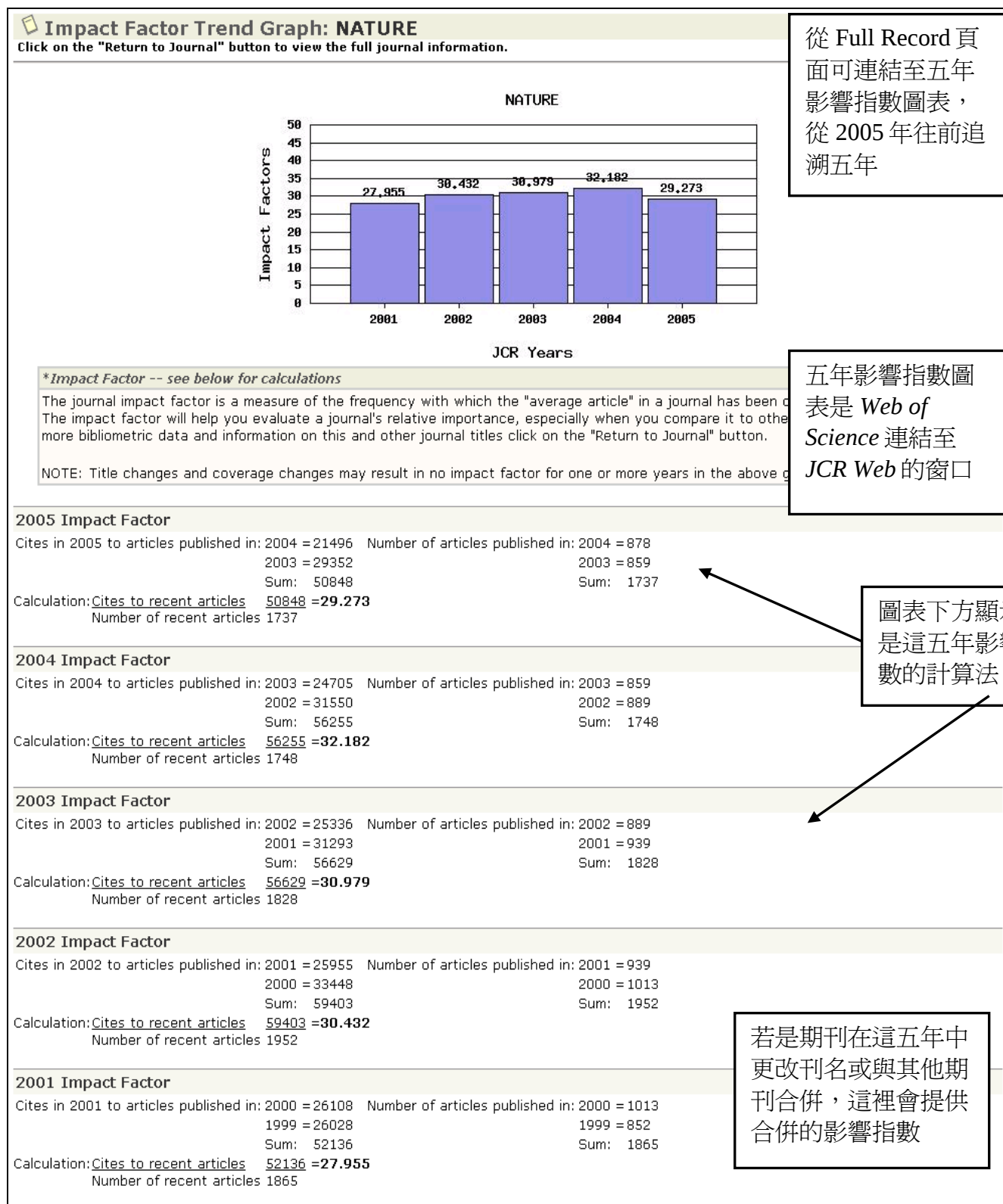
具有越高 Rmax 值的期刊代表與主要期刊擁有較高的關聯性

此欄位指出從主要期刊引用另一個期刊的關係

此欄位指出從另一期刊引用主要期刊的關係

*Related Journal 的詳細概念請參考: Pudovkin A.I. and Garfield E. (2002). "Algorithmic procedure for finding semantically related journals." *Journal of the American Society for Information Science and Technology*. 53 (13) 1113-1119 for more information about the calculation.

Impact Factor Trend Graph 影響指數圖表



Links from Web of Science

若是您的機關同時訂購 *Web of Science* 和 *JCR*，你可以透過 *Web of Science* 的 Full Record 頁面直接連結到 *JCR*。

ISI Web of KnowledgeSM Take the next step

All Databases Select a Database Web of Science Additional Resources

Search Cited Reference Search Structure Search Advanced Search Search History Marked List (0)

Web of Science®

<< Back to results list Record 1 of 1 Record from Web of Science®

OPTIMIZATION BY SIMULATED ANNEALING

Full Text Full Text +Links Print E-mail Add to Marked List Save to EndNote Web

Holdings Go more options

Author(s): KIRKPATRICK S, GELATT CD, VECCHI MP

Source: SCIENCE **Volume:** 220 **Issue:** 4598 **Pages:** 671-680 **Published:** 1983

Times Cited: 6,748 **References:** 32

Document Type: Article

Language: English

Addresses: KIRKPATRICK, S (reprint author), IBM CORP, THOMAS J WATSON RES CTR, YORKTOWN HTS, NY 10598 USA

Publisher: AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW, WASHINGTON, DC 20005

Subject Category: Multidisciplinary Sciences

IDS Number: QN771

ISSN: 0036-8075

Cited by: 6748

This article has been cited 6748 times (from Web of Science).

Brusco MJ, Steinley D. A comparison of heuristic procedures for minimum within-cluster sums of squares partitioning. *PSYCHOMETRIKA* 4 583-600 DEC

Squartini T. Neural networks: A review. *NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA C-GEOPHYSICS AND SPACE PHYSICS* 3 291-304 MAY-JUN

Troparevsky MC, Franceschetti A. An optimized configuration interaction method for calculating electronic excitations in nanostructures. *JOURNAL OF PHYSICS-CONDENSED MATTER* 5 FEB 6

[view all 6748 citing articles]

Create Citation Alert

Related Records:

Find similar records based on shared references (from Web of Science).

[view related records]

References: 32

View the bibliography of this record (from Web of Science).

Additional information

- View the journal's impact factor (in Journal Citation Reports)

Suggest a correction

If you would like to improve the quality of this product by suggesting corrections, please fill out this form.

Output Record

Step 1:

- ☒ Authors, Title, Source
- ☐ plus Abstract
- ☐ Full Record
- ☐ plus Cited Reference

Step 2: [How do I export to bibliographic management software?]

Print E-mail Add to Marked List Save to EndNote Web Save to or other

Save To... Save

點選 Journal Citation Reports連結，可以連結至五年影響指數圖表

Journal Citation Reports®

WELCOME ? HELP RETURN TO LIST

Journal: NATURE

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Article
	NATURE	0028-0836	372784	29.273	5.825	106

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

CITED JOURNAL DATA CITING JOURNAL DATA IMPACT FACTOR TREND RELATED JOURNALS

Journal Information ⓘ

Full Journal Title: NATURE
ISO Abbrev. Title: Nature
JCR Abbrev. Title: NATURE

Additional Links
[GO TO ULRICH'S](#)

若您有訂購 *Ulrich* 資料庫，便可從 *JCR* 的 Full Record 頁面連結至 *Ulrich* 的網頁

Link to Ulrich's

U L R I C H ' S
PERIODICALS DIRECTORY™

HOME | USER GUIDE | MY ACCOUNT | LISTS | HELP | NOTIFY ME | LOGOUT

Advanced Search Browse Ulrich's Alert Ulrich's Update Serials Analysis System

The global source for periodicals information since 1932

Quick Search Keyword Go ▶

Atmosphere - Ocean

Basic Description Other Editions/Formats Abstracting/Indexing & Article Access Publisher & Ordering Information Advertising, Rights, Demographics Reviews

JCR®Web
Click highlighted text for a new search on that item.

Table of Contents: [TOC](#)

ISSN: 0705-5900
Title: Atmosphere - Ocean [Additional Title Information](#)
Publishing Body: Canadian Meteorological and Oceanographic Society
Country: Canada
Status: Active
Start Year: 1963
Frequency: Quarterly
Document Type: Journal; Academic/Scholarly
Refereed: Yes
Abstracted/Indexed: Yes
Media: Print
Alternate Edition ISSN: [1480-9214](#), [1488-7576](#)
Language: Text in English; Text occasionally in French; Abstracts in English, French
Price: CND 45 subscription per year to individuals
CND 125 subscription per year to institutions (effective 2005)
Subject: [METEOROLOGY](#)
[EARTH SCIENCES - OCEANOGRAPHY](#)
[EARTH SCIENCES - HYDROLOGY](#)
Dewey #: 551.5, 551.46
LC#: QC851
CODEN: ATOCDA
Circulation: 600 paid
Special Features: Charts, Illustrations, Maps
Article Index: A, index
Pages per Issue: 90
Cols per Page: 2
Editor(s): Patrick Cummins, Steven Lambert
URL: <http://www.cmos.ca/pubs.html#Atmosphere-Ocean>
Description: Contains scientific articles and reviews on all aspects of meteorology, oceanography, hydrology, and relevant notes, correspondence.

ADDITIONAL TITLE INFORMATION

Title History: Supersedes (with vol.16, 1978): Atmosphere (Canada) (0004-6973)

[Back to Top](#)

Ulrichsweb.com 會新開一個視窗

使用者可以透過經核准的 IP 位址或輸入帳號密碼的方式來連結到 *Ulrichsweb.com*

View Journals by Subject Category

以分類瀏覽期刊

Select a JCR edition and year:

☒ JCR Science Edition 2005

☐ JCR Social Sciences Edition 2005

Select an option:

☐ View a group of journals by Subject Category

☐ Search for a specific journal

☒ View all journals

Subject Category
 Subject Category
 Publisher
 Country/Territory

SUBMIT

從下拉選單中選取主題種類 (Subject Category)

使用 Subject Category 可以比較在同一主題內所有期刊的影響指數和立即指數，並且可以利用 Shift 鍵或 Ctrl 鍵來同時選取多個主題，不過在相似的主題內來進行比較才能得到較有用的數值。

Subject Category Selection

[Subject Category Scope Notes](#)

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

ACOUSTICS
 AGRICULTURAL ECONOMICS & POLICY
 AGRICULTURAL ENGINEERING
 AGRICULTURE, DAIRY & ANIMAL SCIENCE
 AGRICULTURE, MULTIDISCIPLINARY
 AGRICULTURE, SOIL SCIENCE
 AGRONOMY
 ALLERGY
 ANATOMY & MORPHOLOGY

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

☒ View Journal Data - sort by:

☐ View Category Data - sort by:

Journal Title
 Journal Title
 Total Cites
 Impact Factor
 Immediacy Index
 Current Articles
 Cited Half-Life

SUBMIT

選擇依期刊瀏覽結果

選擇排序方式：

- 期刊刊名
- 引用總次數
- 影響指數
- 立即指數
- 當年論文數
- 被引用半衰期

Sort Again 再次排序

Journal Citation Reports® 2005 JCR Science Edition

WELCOME ? HELP

Journal Summary List [Journal Title Changes](#)

Journals from: subject categories ACOUSTICS [VIEW CATEGORY SUMMARY LIST](#)

Sorted by: **Journal Title** [SORT AGAIN](#)

Journals 1 - 20 [\[1 | 2\]](#) Page 1 of 2

MARK ALL UPDATE

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
☐	1	ACOUST PHYS+	1063-7710	342	0.397	0.030	101	5.2
☐	2	ACOUST RES LETT ONL	1529-7853	110	1.137	0.083	48	2.8
☐	3	ACTA ACOUST UNITED AC	1610-1928	1168	0.467	0.330	112	>10.0
☐	4	APPL ACOUST	0003-682X	590	0.436	0.076	79	8.5

將期刊依不同欄位排序，從下拉選單中選取然後按下 **Sort Again**

Journal Citation Reports® 2005 JCR Science Edition

WELCOME ? HELP

Journal Summary List [Journal Title Changes](#)

Journals from: subject categories ACOUSTICS [VIEW CATEGORY SUMMARY LIST](#)

Sorted by: **Impact Factor** [SORT AGAIN](#)

Journals 1 - 20 (of 27) [\[1 | 2\]](#) Page 1 of 2

MARK ALL UPDATE MARKED LIST

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
☐	1	ULTRASOUND OBST GYN	0960-7692	4150	2.430	0.638	199	4.9
☐	2	ULTRASOUND MED BIOL	0301-5629	4478	2.221	0.124	185	6.2
☐	3	ULTRASON SONOCHEM	1350-4177	995	1.953	0.747	79	4.7
☐	4	IEEE T ULTRASON FERR	0885-3010	3988	1.819	0.169	236	7.2
☐	5	ULTRASCHALL MED	0172-4614	492	1.708	0.375	56	3.8
☐	6	J ACOUST SOC AM	0001-4966	23507	1.677	0.299	683	>10.0
☐	7	SPEECH COMMUN	0167-6393	847	1.178	0.115	87	6.8

依期刊依影響指數來排序

View Category Data 看瀏覽資訊

您可以在 *JCR* 取得一種或多種學科主題的學科領域整體表現資料，資料年限是從 2003 年開始。這個部分所提供的資料類似於期刊的全紀錄（Full Record）中所提供的資料，但是其計算的範圍是整個學科主題領域，而非個別的期刊。學科領域整體表現資料由較廣大的主題背景看待期刊資料。學科領域整體表現資料可以被用來當作一個基準點，用來評量每本期刊在其相關領域內的等級。

Subject Category Selection[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.

ACOUSTICS
AGRICULTURAL ECONOMICS & POLICY
AGRICULTURAL ENGINEERING
AGRICULTURE, DAIRY & ANIMAL SCIENCE
AGRICULTURE, MULTIDISCIPLINARY
AGRICULTURE, SOIL SCIENCE
AGRONOMY
ALLERGY
ANATOMY & MORPHOLOGY

☐ View Journal Data - sort by: Journal Title
☒ View Category Data - sort by: Category Title

SUBMIT

選擇 **View Category Data** 並選擇排序方式。

[Acceptable Use Policy](#)
Copyright © 2006 [The Thomson Corporation](#)

Category Title
Total Cites
Median Impact Factor
Aggregate Impact Factor
Aggregate Immediacy Index
Aggregate Cited Half-Life
Journals
Total Articles

Journal Citation Reports®
WELCOME ? HELP
2005 JCR Science Edition

Subject Category Summary List[Journal Title Changes](#)
Category data from: subject categories ACOUSTICS [VIEW JOURNAL SUMMARY LIST](#)
Sorted by: Category Title [SORT AGAIN](#)

Categories 1 - 1 (of 1) [\[1 \]](#) Page 1 of 1
Ranking is based on your category and sort selections.

Rank	Category (linked to category information)	Total Cites	Median Impact Factor	Aggregate Impact Factor	Aggregate Immediacy Index	Aggregate Cited Half-Life	# Journals	Articles
1	ACOUSTICS	60412	0.898	1.235	0.230	8.6	27	3424

此頁面顯示簡要的學科領域資訊，點選連結則可以看到完整的資訊，例如總體影響指數、總體立即指數...等等。

[WELCOME](#)
[HELP](#)
[RETURN TO LIST](#)

Category: ACOUSTICS

點選 Related Journals 可以連結到所有與此主題相關的期刊清單

此頁面最上方顯示學科領域整體表現資料的簡要資料，並且可連結到引用和被引用資料、原始資料和出版頻率

Total Cites	Median Impact Factor	Aggregate Impact Factor	Aggregate Immediacy Index	Aggregate Cited Half-Life	A Citi
60412	0.898	1.235	0.230	8.6	9.4

[Cited Category](#)
[Citing Category](#)
[Source Data](#)
[Publication Frequency](#)

[CITED CATEGORY DATA](#)
[CITING CATEGORY DATA](#)
[RELATED JOURNALS](#)
[SCOPE NOTE](#)
[VIEW JOURNAL SUMMARY LIST](#)

Aggregate Impact Factor

Cites in 2005 to articles published in any journal in the Category in: 2004 = 3070 Number of articles published in: 2004 = 3266
2003 = 4700 2003 = 3026
Sum: 7770 Sum: 6292

Calculation: $\frac{\text{Cites to recent articles}}{\text{Number of recent articles}} = \frac{7770}{6292} = 1.235$

Aggregate Immediacy Index

Cites in 2005 to articles published in 2005 = 786
Number of articles published in 2005 = 3424

Calculation: $\frac{\text{Cites to current articles}}{\text{Number of current articles}} = \frac{786}{3424} = 0.230$

Aggregate Cited Half-Life

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

Cited Half-Life: 8.6 years

Breakdown of the citations to the journals in the category by the cumulative percent of 2005 cites to articles published in the following years:

Cited Year	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995-all
# Cites from 2005	786	3070	4700	4437	4166	4056	3417	3616	3108	2804	26252
Cumulative %	1.30	6.38	14.16	21.51	28.40	35.12	40.77	46.76	51.90	56.55	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 journals in the category. Read help for more information on the calculation.

Aggregate Cited Category Graph

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

This graph shows the distribution by cited year of citations to articles published in journals in the category ACOUSTICS.

Citations to the journals in the category (per cited year)

- The white/grey division indicates the cited half-life (if < 10.0). Half of the citations in the category are to articles published within the cited half-life.

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

Aggregate Citing Half-Life ⓘ

The citing half-life for the category is the median age of the articles the category cited in the current JCR year. Half of the citations in the category are to articles published within the citing half-life.

Citing Half-Life: 9.4 years

Breakdown of the citations *from the journals in the category* by the cumulative percent of 2005 cites to articles published in the following years:

Cited Year	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995-all
# Cites from 2005	881	3527	5595	5801	5526	5388	5388	4841	4570	4093	3831
Cumulative %	1.06	5.28	11.99	18.95	25.57	32.03	37.84	43.31	48.22	52.81	100

Citing Half-Life Calculations:

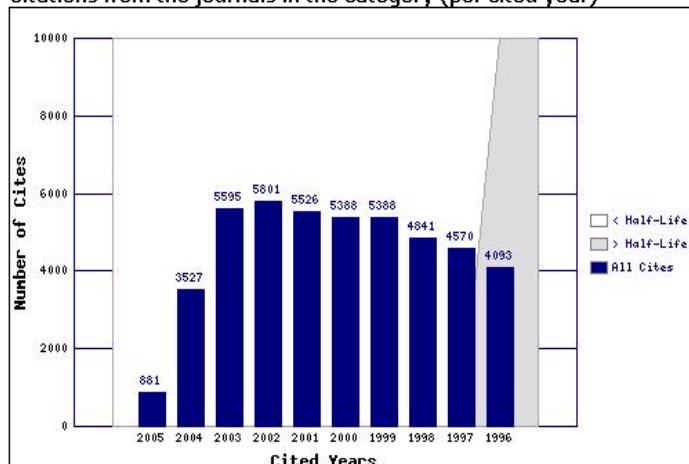
The citing half-life calculation finds the number of years from the current JCR year in that account for 50% of citations in the category. Read help for more information on the calculation.

Aggregate Citing Category Graph ⓘ

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

This graph shows the distribution by cited year of citations from current-year articles in the category ACOUSTICS.

Citations from the journals in the category (per cited year)



- The white/grey division indicates the citing half-life (if < 10.0). Half of the citations in the category are to articles published within the citing half-life.

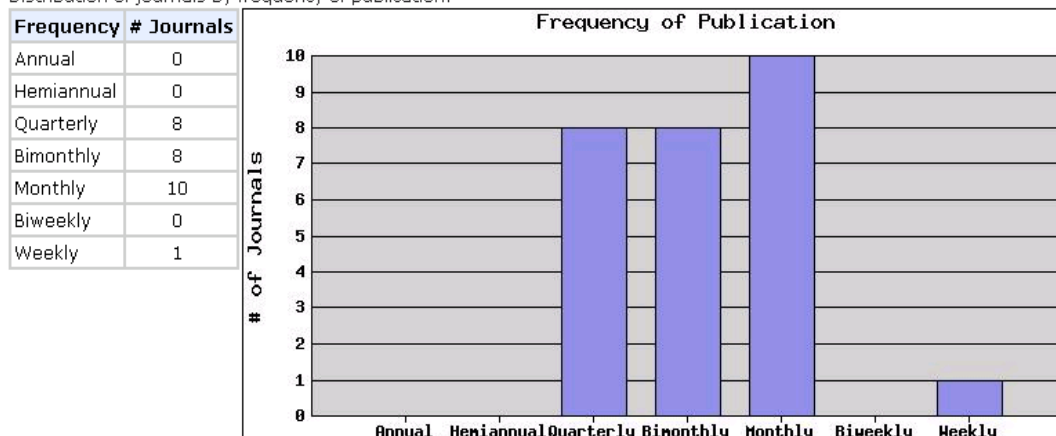
Aggregate Source Data ⓘ

	Citable items			Other items
	Articles	Reviews	Combined	
Number in JCR year 2005 (A)	3386	38	3424	303
Number of references (B)	76020	4249	80269	2067
Ratio (B/A)	22.5	111.8	23.4	6.8

出刊頻率這個部分是
利用數字和圖解來提
供學科領域內期刊的
出刊頻率的分析說明

Publication Frequency Data ⓘ

Distribution of journals by frequency of publication.



Journals Related to Aggregate Subject Category

學科領域的相關期刊

相關期刊特色顯示於期刊間彼此引用或被引用的關係上，我們也可以從學科領域中取得特該領域的相關期刊資料。總體主題分類的期刊資訊可以從每個期刊的全紀錄的頁面上的相關期刊按鈕取得連結。期刊的關聯價值是依照以下幾點來計算：

- 主題範圍內的期刊與相關期刊的引用次數
- 相關期刊的文章數
- 主題範圍內的期刊的文章總數

排序選項：

1 - 20 (of 1314)

Page 1 of 66

R _{max}	Related journal (j)	Relatedness (R)	
		Subject Category to j	j to Subject Category
368.99	ULTRASONIC IMAGING	368.99	133.97
263.75	J ELASTICITY	263.75	0.94
182.92	J ACOUST SOC AM	182.92	122.32
135.64	J AUDIO ENG SOC	98.97	135.64
124.67	ACTA ACUST UNITED AC	70.11	124.67
111.52	APPL ACOUST	56.15	111.52
110.10	ULTRASOUND MED BIOL	110.10	79.72
105.13	PHONETICA	105.13	38.33
101.36	ULTRASONICS	79.37	101.36
97.16	NOISE CONTROL ENG J	64.99	97.16
92.38	J COMPUT ACOUST	34.19	92.38
88.75	ACOUST RES LETT ONL	11.74	88.75
86.21	IEEE T ULTRASON FERR	73.00	86.21
80.00	ULTRASOUND OBST GYN	80.00	64.12
72.26	J SOUND VIB	64.15	72.26
66.88	ULTRASCHALL MED	51.59	66.88
63.53	ACOUST PHYS+	28.96	63.53
62.89	J LOW FREQ NOISE V A	21.58	62.89
61.50	J ULTRAS MED	36.38	61.50
57.30	J VIB ACOUST	57.30	56.82

這個欄位指出該學科領域內的期刊引用其他期刊的相關性。

這個欄位指其他期刊引用該學科領域內的期刊之相關性。

Marking Records 選取期刊

從期刊查詢結果清單, 有兩個方法可以將紀錄增加至個人選取清單中:

- 在 **Mark** 一欄勾選您想要的列印或儲存的期刊, 再點選 **Update Marked List** 連結將勾選的期刊加到個人選取清單中
- 點選 **Mark All** 連結, 可選取全部的紀錄並加入個人選取清單內 (Marked List)

此外, 也可以從期刊的全紀錄的頁面來點選 **Mark** 連結, 將期刊的紀錄加入個人選取清單

勾選全部或部分期刊後, 會出現 Marked List 鍵, 代表您所選擇的紀錄已存入 Marked List 中

2005 JCR Science Edition

[Journal Title Changes](#)

Journals from: **subject categories ACOUSTICS** [VIEW CATEGORY SUMMARY](#)

Sorted by: **Journal Title** [SORT AGAIN](#)

Journals 1 - 20 (of 27) Page 1 of 2

[MARK ALL](#) [UPDATE MARKED LIST](#) *Ranking is based on your journal and sort selections.*

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
☒	1	ACOUST PHYS+	1063-7710	342	0.397	0.030	101	5.2
☒	2	ACOUST RES LETT ONL	1529-7853	110	1.137	0.083	48	2.8
☒	3	ACTA ACUST UNITED AC	1610-1928	1168	0.467	0.330	112	>10.0
☒	4	APPL ACOUST	0003-682X	590	0.436	0.076	79	8.5
☒	5	IEEE T SPEECH AUDI P	1063-6676	1135	1.008	0.127	110	6.1
☒	6	IEEE T ULTRASON FERR	0885-3010	3988	1.819	0.169	236	7.2
☒	7	J ACOUST SOC AM	0001-4966	23507	1.677	0.299	683	>10.0
☒	8	J AUDIO ENG SOC	1549-4950	652	0.527	0.216	51	9.6
☒	9	J CLIN ULTRASOUND	0091-2751	1225	0.626	0.032	94	9.5
☒	10	J COMPUT ACOUST	0218-396X	198	0.516	0.074	27	5.1
☐	11	J LOW FREQ NOISE V A	0263-0923	103	0.195	0.000	15	>10.0
☐	12	J SOUND VIB	0022-460X	8766	0.898	0.195	650	9.6
☐	13	J ULTRAS MED	0278-4297	2604	1.091	0.218	229	6.6
☐	14	J VIB ACOUST	1048-9002	922	0.383	0.029	68	>10.0
☐	15	J VIB CONTROL	1077-5463	285	0.540	0.039	77	4.1
☐	16	NOISE CONTROL ENG J	0736-2501	154	0.170	0.211	19	9.0
☐	17	PHONETICA	0031-8388	321	0.522	0.077	13	>10.0
☐	18	SHOCK VIB	1070-9622	86	0.125	0.000	30	
☐	19	SOUND VIB	1541-0161	64	0.088	0.038	26	
☐	20	SPEECH COMMUN	0167-6393	847	1.178	0.115	87	6.8

[MARK ALL](#) [UPDATE MARKED LIST](#)

Journals 1 - 20 (of 27) Page 1 of 2

Marked List 個人選取清單

想要查看所選取的期刊資料，可點選 **Marked List** 來查看選取的期刊資料清單

 **Journal Citation Reports®**

 WELCOME

 HELP

 RETURN TO LIST

2005 JCR Science Edition

Marked Journal List

Sorted by: Journal Title SORT AGAIN JOURNAL TITLE CHANGES

Journals 1 - 7 (of 7) Page 1 of 1

CLEAR MARKED LIST UPDATE MARKED LIST SAVE TO FILE FORMAT FOR PRINT

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to full journal information)	ISSN	2005 Total Cites	Impact Factor	Immediacy Index	2005 Articles	Cited Half-life
☒	1	ACOUST PHYS+	1063-7710	342	0.397	0.030	101	5.2
☒	2	ACOUST RES LETT ONL	1529-7853	110	1.137	0.083	48	2.8
☒	3	ACTA ACOUST UNITED AC	1610-1928	1168	0.467	0.330	112	>10.0
☒	4	APPL ACOUST	0003-682X	590	0.436	0.076	79	8.5
☒	5	IEEE T SPEECH AUDI P	1063-6676	1135	1.008	0.127	110	6.1
☒	6	IEEE T ULTRASON FERR	0885-3010	3988	1.819	0.169	236	7.2
☒	7	J ACOUST SOC AM	0001-4966	23507	1.677	0.299	683	>10.0

CLEAR MARKED LIST UPDATE MARKED LIST SAVE TO FILE FORMAT FOR PRINT

Ranking is based on your journal and sort selections.

Journals 1 - 7 (of 7) Page 1 of 1

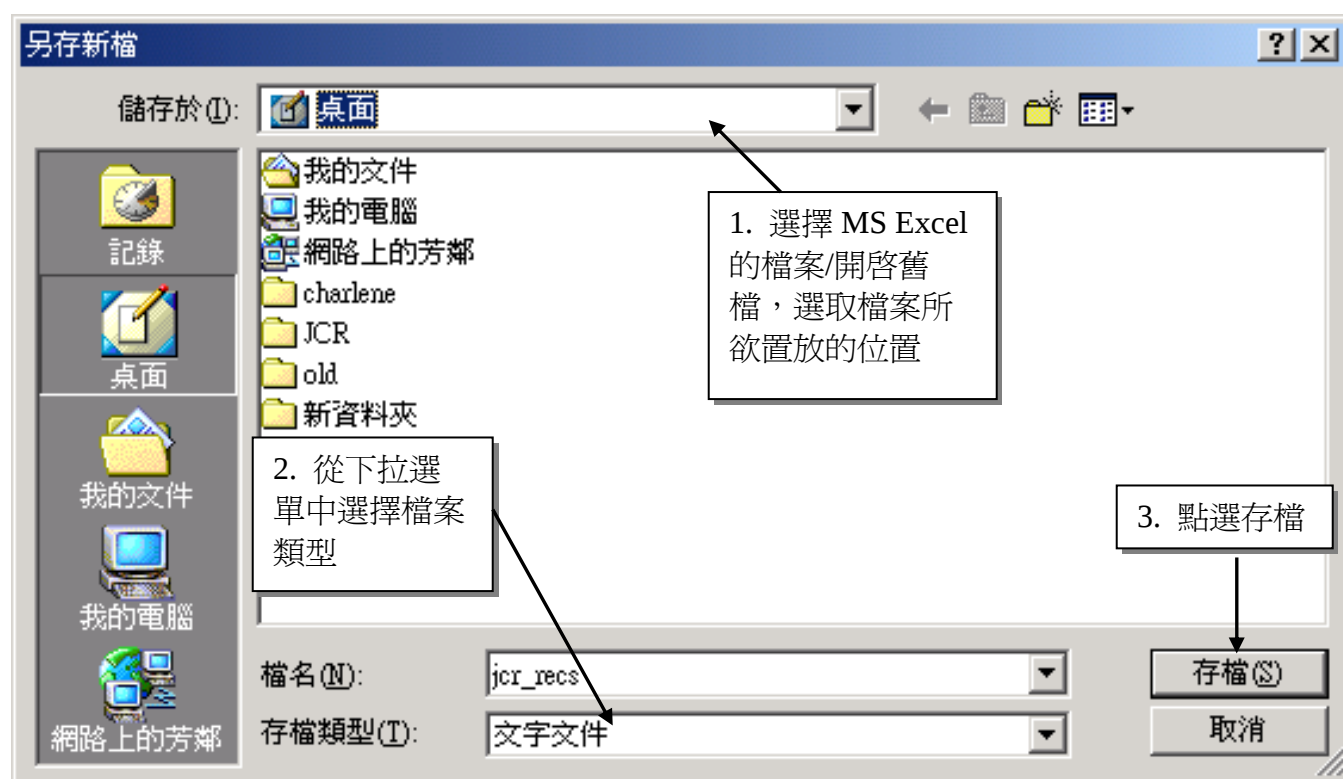
Printing Records 列印

- 點選個人選取清單頁面上的 **Format for Print**，即可預覽列印格式
- 直接點選瀏覽器的列印即可列印所預覽的資料
- 點選瀏覽器的上一頁即可從預覽頁面回到個人選取清單頁面

Saving Records 儲存

點選個人選取清單上的 **Save to File** 即可儲存所選取的紀錄。你可以將紀錄儲存為.TXT 的檔案格式，此種格式可方便直接匯入 EXCEL 內使用

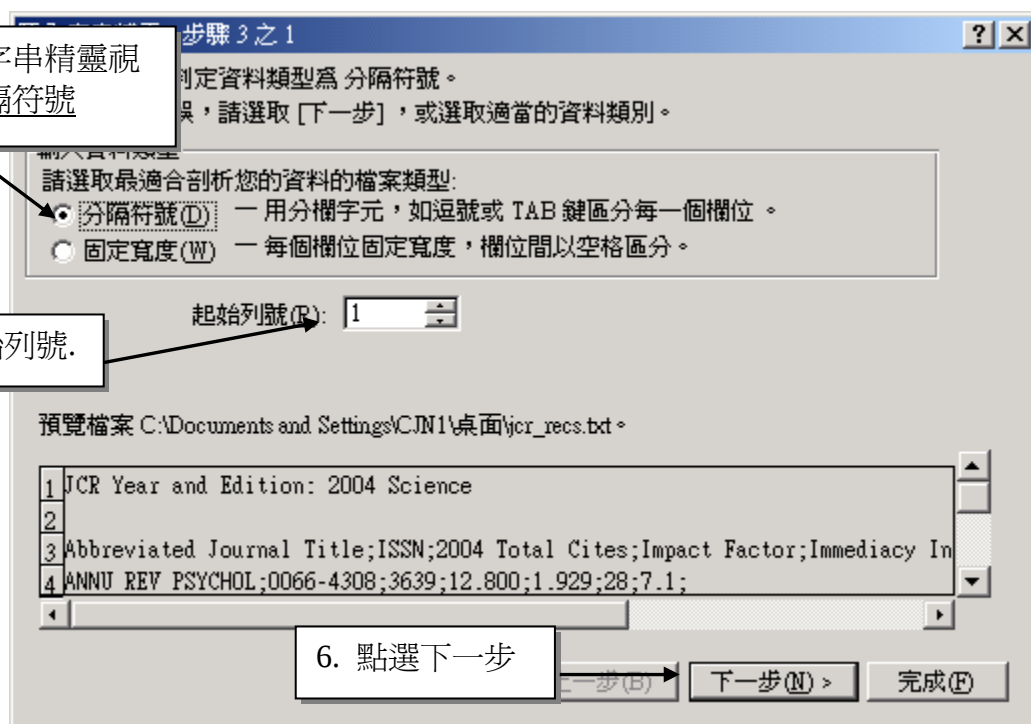
Importing Saved Records to Microsoft Excel 將儲存資料輸出到 EXCEL



4. 出現匯入字串精靈視窗，選擇 分隔符號

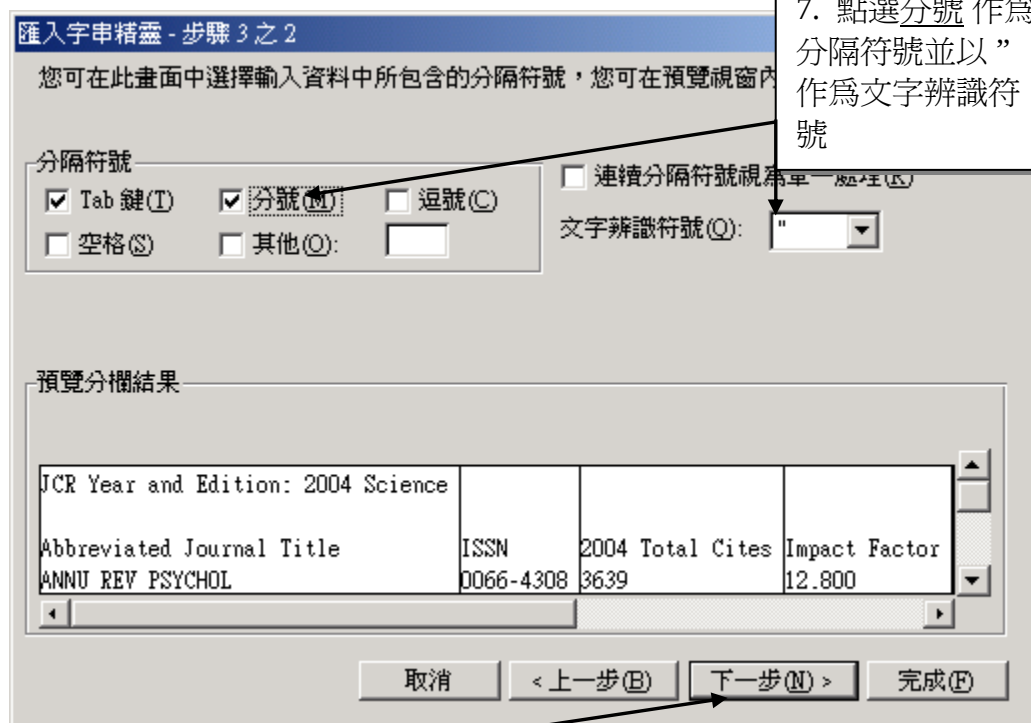
5. 設定起始列號。

6. 點選下一步



7. 點選分號 作為分隔符號並以 " 作為文字辨識符號

8. 點選下一步



匯入字串精靈 - 步驟 3 之 3

請在此畫面選擇欲使用的欄位及它們的資料格式。

一般'資料格式會使得數值被轉成數字格式，日期值被轉成日期欄格式，其餘資料則被轉成文字格式。

欄位的資料格式

☒ 一般(G)

☐ 文字(T)

☐ 日期(D): YMD

☐ 不匯入此欄(I)

9. 選擇一般，其會主動將數字轉為數字的格式，日期也會主動轉成日期的格式，其他的部分則以文字格式來呈現

一般	一般	一般	一般
JCR Year and Edition: 2004 Science			
Abbreviated Journal Title	ISSN	2004 Total Cites	
ANNU REV PSYCHOL	0066-4308	3639	

10. 點選完成即可完成

取消 < 上一步(B) 下一步(N) > 完成(F)

Microsoft Excel - jcr_recs.txt

File Edit View Insert Format Tools Data Window Help Acrobat

11. 將輸入的資料進行修正或變更

	A	B	C	D	E	F	G	H	I	J
1	JCR Year and Edition: 2003 Social Science									
2										
3	Abbreviated Journal Title	ISSN	2003 Total Cites	Impact Factor	Immediacy Index	2003 Articles	Cited Half-Life			
4	ECON POLICY	0266-4658	375	2.25	0.071	14	6.3			
5	J ACCOUNT ECON	0165-4101	1123	3.844	0.733	30	8.6			
6	J ECON LIT	0022-0515	2375	5.243	0.571	21	7.9			
7	J ECON PERSPECT	0895-3309	2471	2.677	0.324	37	7.8			
8	J FINANC	0022-1082	6739	3.267	0.452	93	>10.0			
9	J POLIT ECON	0022-3808	8249	2.196	0.333	42	>10.0			
10	NBER MACROECON ANN	0889-3365	408	3.167	0	6	8.1			
11										
12										

Journal Title Changes 期刊名稱變更

期刊常會因為合併、分開、編輯政策或範圍之改變而改變刊名。點選 **Summary List** 中的

JOURNAL TITLE CHANGES

可顯示最近兩年期刊刊名變更的全部清單

AAPS J	changed from	AAPS PHARMSCI	2005
AAPS PHARMSCI	changed to	AAPS J	2005
ACTA BOT SIN	changed to	J INTEGR PLANT BIOL	2005
ADV APPL CERAM	changed from	BRIT CERAM T	2005
ADV CHRONIC KIDNEY D	changed from	ADV RENAL REPLACE TH	2004
ADV RENAL REPLACE TH	changed to	ADV CHRONIC KIDNEY D	2004
AGRON SUSTAIN DEV	changed from	AGRONOMIE	2005
AGRONOMIE	changed to	AGRON SUSTAIN DEV	2005
AIHA J-J SCI OCCUP E	changed to	J OCCUP ENVIRON HYG	2004
AM J ALTERNATIVE AGR	changed to	RENEW AGR FOOD SYST	2004
ANAL CELL PATHOL	changed to	CELL ONCOL	2004
ANN GENET-PARIS	changed to	EUR J MED GENET	2005
ANTISENSE NUCLEIC A	changed to	OLIGONUCLEOTIDES	2004
ANZ SCHADL-J PEST SC	changed to	J PEST SCI	2004
BASIC CLIN PHARMACOL	changed from	PHARMACOL TOXICOL	2004
BRIT CERAM T	changed to	ADV APPL CERAM	2005
CELL ONCOL	changed from	ANAL CELL PATHOL	2004
CHEM BRIT	changed to	CHEM WORLD-UK	2004
CHEM WORLD-UK	changed from	CHEM BRIT	2004
CHINESE J MECH-SER A	changed to	J MECH	2004

若您發現您所感興趣的期刊有變更過刊名，您將需要去計算合併影響指數（**Unified Impact Factor**）

Unified Impact Factors 合併影響指數

期刊刊名的改變會影響其影響指數。一般而言，ISI 不會合併新舊期刊的資料，但為了連貫性，你也可以計算新舊期刊整合的影響指數。

1. 可從期刊查詢結果清單（**Summary List**）、個人選取清單（**Marked Journal List**）、期刊搜尋畫面（**Journal Search Page**）的頁面上點選 **Journal Titles Changes** 鍵確定該期刊是否曾改變刊名。注意期刊名稱曾改變的期刊。

ANIM LEARN BEHAV	changed to	LEARN BEHAV	2003
LEARN BEHAV	changed from	ANIM LEARN BEHAV	2003

2. 瀏覽改刊名之期刊的影響指數。注意“cites to recent articles”的數字、最近發表文獻數字和影響指數

Journal: ECUMENE								
Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life	Citing Half-life
☐	ECUMENE	0967-4608	138	1.087		0	4.9	
Cited Journal Citing Journal Source Data								
Journal Impact Factor ⓘ								
Cites in 2003 to articles published in: 2002 = 0 2001 = 25 Sum: 25 Number of articles published in: 2002 = 0 2001 = 23 Sum: 23 Calculation: $\frac{\text{Cites to recent articles}}{\text{Number of recent articles}} = \frac{25}{23} = 1.087$								

Journal: CULTURAL GEOGRAPHIES								
Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life	Citing Half-life
☐	CULT GEOGR	1474-4740	17	0.810	0.000	23		>10.0
Cited Journal Citing Journal Source Data								
Journal Impact Factor ⓘ								
Cites in 2003 to articles published in: 2002 = 17 2001 = 0 Sum: 17 Number of articles published in: 2002 = 21 2001 = 0 Sum: 21 Calculation: $\frac{\text{Cites to recent articles}}{\text{Number of recent articles}} = \frac{17}{21} = 0.810$								

3. 將這些數字填入下面的表格。加總 A 和 B 的數值，將欄位 A 和 B 計算後的總和相除可得到合併的影響指數。

	A <i>Current year cites to articles published in year 1 and year 2</i>	B <i>Number of articles published in year 1 and year 2</i>	C <i>Current Year Impact Factor Column A / Column B</i>
Ecumene (Old title)	$0 + 25 = 25$	$0 + 23 = 23$	$25/23 = 1.087$
Cultural Geographies (New title)	$17 + 0 = 17$	$21 + 0 = 21$	$17/21 = 0.810$
Unified (Old + New)	42	44	$42/44 = 0.955$

附錄 A – Five Year Impact Factors 五年影響指數

JCR 影響指數為所出版的文獻數在近兩年被其他文章引用的平均數。比較過去到現在的影響指數對某些研究領域是相當有幫助的。

例如：計算期刊 *Nature* 的五年影響指數，一下列步驟：

Journal Citation Reports®

WELCOME ? HELP RETURN TO LIST 2005 JCR Science Edition

Journal: NATURE

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life	Citing Half-life
	NATURE	0028-0836	372784	29.273	5.825	1065	7.5	4.7

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

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

2005 Impact Factor

Cites in 2005 to articles published in: 2004 = 21496 Number of articles published in: 2004 = 878
 2003 = 29352 2003 = 859
 Sum: 50848 Sum: 1737

Calculation: $\frac{\text{Cites to recent articles}}{\text{Number of recent articles}} = \frac{50848}{1737} = 29.273$

Cited Journal: NATURE

Number of times articles published in 2005 (in journals below) cited articles published in NATURE (in years below). ([How to read this table](#))

Journals 1 - 20 (of 5135) [Navigation icons] Page **步驟 2**

Impact	Citing Journal	All Yrs	2005	Cited Year									
				2004	2003	2002	2001	2000	1999	1998	1997	1996	Rest
	All Journals	372784	6204	21496	29352	30776	30622	31589	23513	25431	21614	16165	136022

1. 加總前五年的發表文獻總數。前兩年的發表文獻數可以從影響指數表裡取得；三年前的發表文獻數須從前幾年的 JCR 資料中查詢，各單位可查詢年度則依訂購權限而異。

加總 *Nature* 前五年發表文獻數：

$$878 + 859 + 889 + 939 + 1013 = 4578$$

2. 加總前五年的被引用次數。被引用次數可以從被引用的圖表中找到數據：

$$21496 + 29352 + 30776 + 30622 + 31589 = 143835$$

3. 計算五年影響指數：

$$\frac{\text{前五年發表文獻被引用總次數}}{\text{前五年發表文獻總數}} = \frac{143835}{4578} = 31.4187$$

附錄 B – Handling Self-Citations 自我引用管理

Self-Citing Rate 自我引用率

自我引用率是指某期刊引用自身期刊的百分比。其計算方式如下：

Citing Journal: AGRICULTURAL ECONOMICS	
Number of times articles published in journals below (in years below) where cited in AGR ECON in 2003. (How to read this table)	

Journals 1 - 20 (of 108)		Cited Year											
Impact	Cited Journal	All Yrs	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	Rest
	All Journals	1230	12	26	72	96	90	99	80	73	78	68	536
	ALL OTHERS (573)	573	11	15	44	51	55	45	35	47	33	27	210
0.684	AM J AGR ECON	156	0	0	1	11	6	8	10	5	13	13	89
0.791	AGR ECON	48	0	0	6	5	4	11	2	3	2	7	8
	AM ECON REV	19	0	0	0	0	0	0	0	1	0	2	16

$$\frac{\text{某期刊自我引用的次數}}{\text{某期刊引用所有期刊的總次數}} * 100 = \frac{48}{1230} * 100 = 3.9\%$$

Self-Cited Rate 被自我引用率

被自我引用率是指某期刊論文被該期刊所出版其他論文所自我引用的百分比。其計算方式方式如下：

Cited Journal: AGRICULTURAL ECONOMICS	
Number of times articles published in 2003 (in journals below) cited articles published in AGR ECON (in years below). (How to read this table)	

Journals 1 - 20 (of 49)		Cited Year											
Impact	Citing Journal	All Yrs	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	Rest
	All Journals	361	1	15	57	37	27	70	34	17	14	25	64
	ALL OTHERS (72)	72	0	4	18	7	2	12	6	5	1	3	14
0.791	AGR ECON	48	0	0	6	5	4	11	2	3	2	7	8
1.041	AGR SYST	36	0	0	5	3	4	6	5	2	2	4	5

$$\frac{\text{某期刊自我引用的次數}}{\text{某期刊被所有期刊引用的總次數}} * 100 = \frac{48}{361} * 100 = 13.29\%$$

Impact Factor Excluding Self-Citations 去除自我引用率後的影響指數

有些 JCR 所收錄的期刊並沒有引用期刊，而只是被其他期刊所引用。這對於在比較期刊時是有用的，因為只被其他期刊引用的期刊（*cited-only journals*）的自我引用率並沒有被 JCR 給收錄計算。當要比較某些的期刊中含有只被其他期刊引用的期刊，便可利用這樣的算法來取得未包含自我引用率的影響指數。

未包含自我引用的影響指數的計算方式如下：

Cited Journal: AGRICULTURAL ECONOMICS													
Number of times articles published in 2003 (in journals below) cited articles published in AGR ECON (in years below). (How to read this table)													
Journals 1 - 20 (of 49) Page 1 of 3													
Impact	Citing Journal	All Yrs	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	Rest
	All Journals	361	1	15	57	37	27	70	34	17	14	25	64
	ALL OTHERS (72)	72	0	4	18	7	2	12	6	5	1	3	14
0.791	AGR ECON	48	0	0	6	5	4	11	2	3	2	7	8
1.041	AGR SYST	36	0	0	5	3	4	6	5	2	2	4	5

Journal Impact Factor ⓘ	
Cites in 2003 to articles published in:	2002 = 15 Number of articles published in: 2002 = 28
	2001 = 57 2001 = 63
	Sum: 72 Sum: 91
Calculation: Cites to recent articles	72 = 0.791
Number of recent articles	91

	A Cites in current year to year-1 and year-2 articles	B Self-cites in current year to year-1 and year-2 articles	C Column A minus Column B	D Articles published in year-1 and year-2	E Column C divided by Column D (Impact Factor excluding self- citation)
year-1	15	0	15	28	
year-2	57	6	51	63	
Totals	72	6	66	91	0.725

Contacting Thomson Scientific

Please visit the following Web sites for information and services offered by Thomson Scientific Customer Training and Technical Support departments:

Frequently Asked Questions about Thomson Scientific products:

www.scientific.thomson.com/crc/faq/

Training materials available for downloading:

www.scientific.thomson.com/crc/

Schedule for online training:

www.scientific.thomson.com/crc/training/webtraining/

Descriptions of all courses offered by the Customer Training department:

www.scientific.thomson.com/crc/training/onsite/

Contact information for the Technical Help Desk:

www.scientific.thomson.com/crc/techsupport/

Journal Selection Process:

www.thomsonisi.com/selection/

聯絡金珊資訊有限公司

金珊資訊有限公司

台北縣中和市建一路 166 號 10 樓之 1

電話：02-82263123

傳真：02-82263172

網址：<http://www.csis.com.tw>