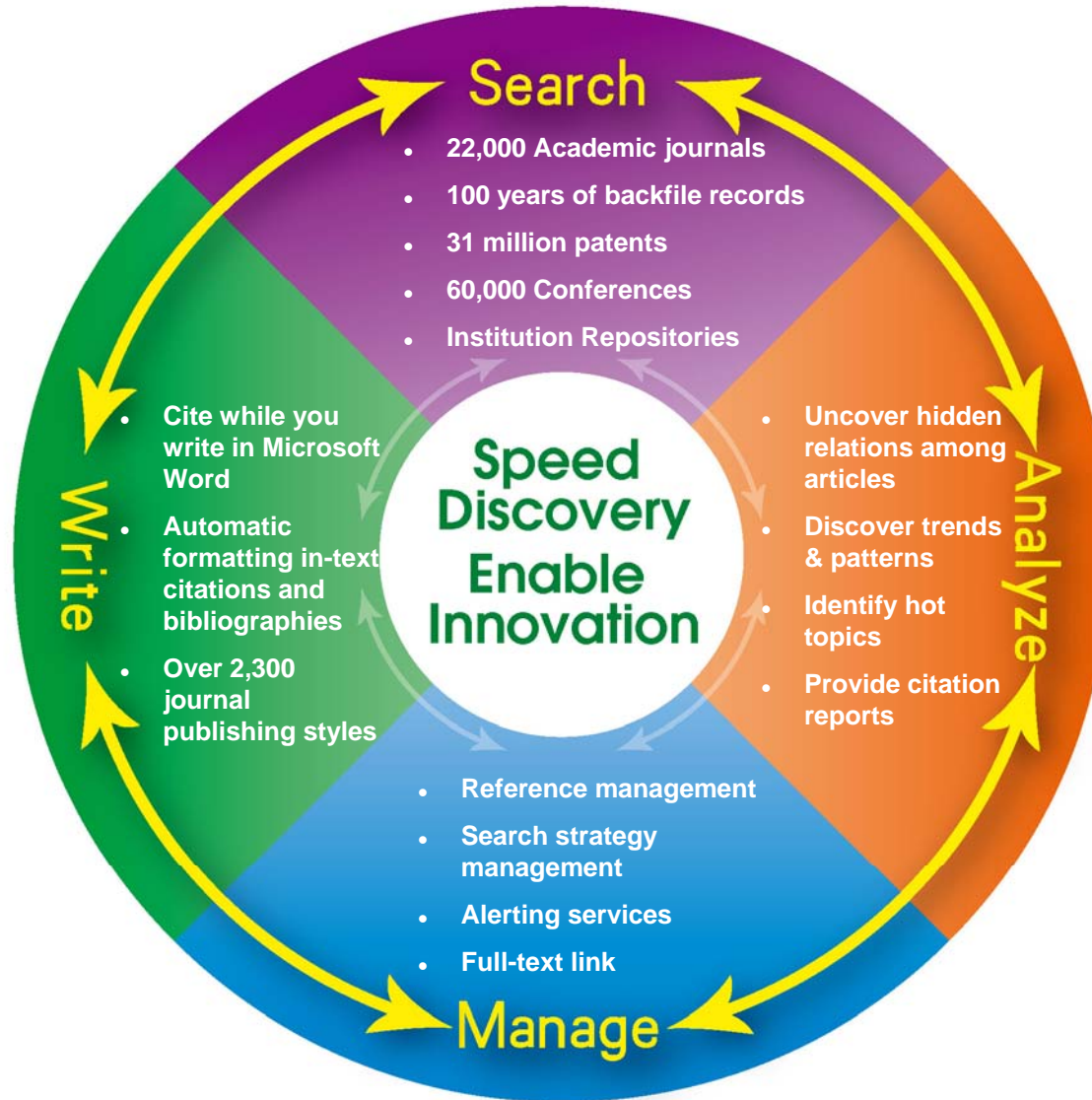




Journal Selection Process for Web of Science

Dr. Lim Khee Hiang
Associate Manager
Customer Education
Thomson Scientific-Asia Pacific
Singapore

ISI Web of Knowledge: an integrated research platform



ISI Web of Knowledge: Content

- 22000+ **unique journals**
- 100 years of journal records
- 60000+ **conferences** from 1990 to the present
- 15 million **patents**

Web of Science

- **SCIExpanded**
- **Social Sciences Citation Index**
- **Arts & Humanities Citation Index**
- *Index Chemicus*
- *Current Chemical Reactions*

Web of Science Journal Selection Process

- Citation analysis
 - Impact Factor
 - Self Citation Rate
- Regional Journals
- Science Citation Index Expanded
- Social Sciences Citation Index
- Arts & Humanities Citation Index

Web of Science Journal Selection Process

- Small number of journals publish the bulk of significant scientific results.
 - 7,621 journals publish 814,967 articles that receive 20,834,641 citations
 - 300 journals publish 239,206 articles (30%)
 - 300 journals receive 10,681,596 citations ((51%)
 - 3,000 journals publish 648,906 articles (80%)
 - 3,000 journals receive 19,287,265 citations (92%)
- 2000 journals evaluated annually
 - 10% accepted
- Thomson editors: information professionals; librarians; experts in the literature of their subject area.

Web of Science Journal Selection Process

1. Basic Journal Publishing Standards
2. Editorial Content
3. International Diversity
4. Citation Analysis

Basic Journal Publishing Standards

- 1.) Publishing Standards
 - a.) Timeliness
 - b.) Editorial Conventions
 - c.) English Language Bibliographic Information
 - d.) Peer Review

Basic Journal Publishing Standards

a.) Timeliness of Publication

- A journal must be published according to its stated publication schedule to be considered for coverage in WoS.
- Must receive three on-time issues in sequence.
 - E-Journals: held to the same standard.

Basic Journal Publishing Standards

b.) International Editorial Conventions

- Informative Journal Titles
 - Descriptive Article Titles
- Full Address Information for Every Author
- Complete Bibliographic Information for All Cited References

Basic Journal Publishing Standards

c.) English Language Bibliographic Information

- Article Titles
- Author Names and Addresses
- Cited References in the Roman Alphabet
- Abstracts and Keywords

Full text English is becoming the standard in the international research community – especially in the Natural Sciences.

Basic Journal Publishing Standards

d.) Peer Review

Application of the peer review process is another indication of the journal's standards the overall quality of research presented and the completeness of cited references.

Web of Science Journal Selection Process

1. Basic Journal Publishing Standards
2. **Editorial Content**
3. International Diversity
4. Citation Analysis

Editorial Content

- Will this journal enrich the database or is the subject already well covered?
- Will this journal complement coverage in a specific category?
- How does this journal compare with covered journals of similar editorial content?

Web of Science Journal Selection Process

1. Basic Journal Publishing Standards
2. Editorial Content
3. **International Diversity**
4. Citation Analysis

International Diversity

- Do the authors, editors, and editorial advisory board members represent the international research community?
- Does this journal reflect the global context of scholarly research?

International Diversity

Infectious Diseases category

Journal level: 8 countries represented
(JCR)

Article level: 115 countries represented
(National Science Indicators)

International Diversity

Regional Journals:

- Typically published outside North America or Western Europe.
- Publish excellent research targeted at a regional rather than international audience.
- Citation Impact may be low to moderate – but stable.
- Regional journals meet all selection criteria.

Web of Science Journal Selection Process

1. Basic Journal Publishing Standards
2. Editorial Content
3. International Diversity
4. **Citation Analysis**

Citation Analysis

- Capture all cited references to articles in covered journals and to articles in journals not covered.
- Expert use of citation data help identify influential and useful publications.

Measure use by analyzing citation data.

Citation Analysis

Rank	Category <i>(linked to category information)</i>	Total Cites	Median Impact Factor	Aggregate Impact Factor	Aggregate Immediacy Index	Aggregate Cited Half-Life	# Journals	Articles
1	GENETICS & HEREDITY	593960	2.626	4.459	0.840	5.6	124	14038
2	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	383432	1.634	2.795	0.455	5.4	139	16212
3	CRYSTALLOGRAPHY	105633	1.270	1.270	0.326	8.3	24	7783

- Citation Characteristic of Different Categories
 - Genetics & Heredity, Biotech & Appl Microbiol:
 - Many citations, Many articles.
 - Crystallography
 - Fewer citations, Fewer articles
 - Arts & Humanities
 - Slow citation growth
 - Life Sciences
 - Rapid citation growth

Citation Analysis

- Citations to the journal itself (Impact Factor)
- Citations to the contributing authors and editorial board members.

Citation Analysis

- ***Established Journals***

Impact Factor:

...the average number of times recent articles in a journal were cited in a particular year.

Top 20 Biomedical Journals by Number of Articles Published in 2005

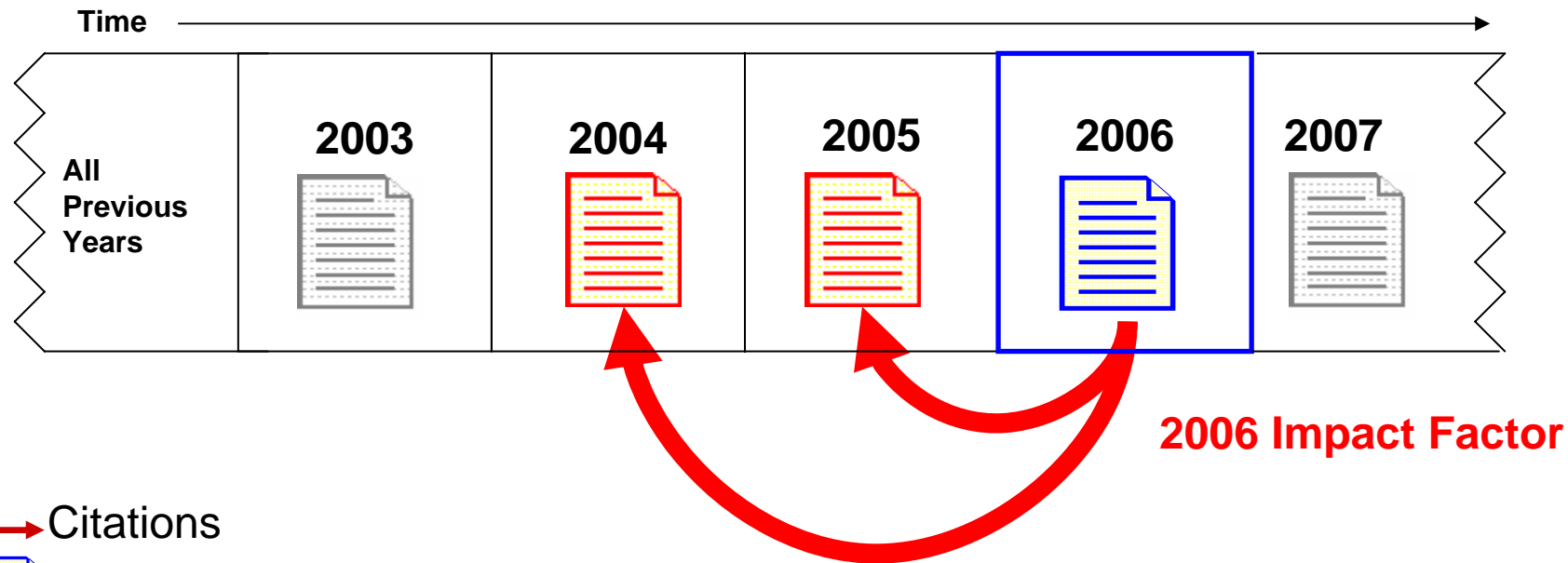
Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
J BIOL CHEM	0021-9258	404397	5.854	1.265	5050	6.2
BIOCHEM BIOPH RES CO	0006-291X	66630	3.000	0.448	2356	6.4
J GEOPHYS RES	0148-0227	102065	2.784	0.630	1981	8.6
J IMMUNOL	0022-1767	112686	6.387	0.906	1916	5.8
BIOCHEMISTRY-US	0006-2960	95172	3.848	0.777	1723	8.3
GEOPHYS RES LETT	0094-8276	30488	2.491	0.506	1604	5.6
J VIROL	0022-538X	76925	5.178	1.059	1599	6.1
J AGR FOOD CHEM	0021-8561	32470	2.507	0.278	1521	5.9
CANCER RES	0008-5472	108146	7.616	1.001	1460	6.2
TRANSPLANT P	0041-1345	9464	0.799	0.070	1378	6.8
NUCLEIC ACIDS RES	0305-1048	71112	7.552	1.391	1336	6.7
J NEUROSCI	0270-6474	96732	7.506	1.254	1232	5.8
BLOOD	0006-4971	105074	10.131	2.251	1229	5.2
APPL ENVIRON MICROB	0099-2240	51664	3.818	0.464	1191	7.2
J CHROMATOGR A	0021-9673	42441	3.096	0.411	1174	6.9
J CLIN MICROBIOL	0095-1137	38704	3.537	0.498	1101	6.1
FEBS LETT	0014-5793	53316	3.415	0.678	1096	7.3
CLIN CANCER RES	1078-0432	28894	5.715	0.846	1082	3.8
BIOORG MED CHEM LETT	0960-894X	14580	2.478	0.573	1076	3.8
INFECT IMMUN	0019-9567	45582	3.933	0.648	1023	6.7

Top 20 Biomedical Journals by Total Citations Rec'd 2005

Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles
J BIOL CHEM	0021-9258	404397	5.854	1.265	5050
NEW ENGL J MED	0028-4793	167894	44.016	13.422	308
CELL	0092-8674	132371	29.431	6.238	319
LANCET	0140-6736	131616	23.878	7.347	360
CIRCULATION	0009-7322	120204	11.632	1.641	980
J IMMUNOL	0022-1767	112686	6.387	0.906	1916
CANCER RES	0008-5472	108146	7.616	1.001	1460
BLOOD	0006-4971	105074	10.131	2.251	1229
J GEOPHYS RES	0148-0227	102065	2.784	0.630	1981
J NEUROSCI	0270-6474	96732	7.506	1.254	1232
JAMA-J AM MED ASSOC	0098-7484	95715	23.494	5.082	380
BIOCHEMISTRY-US	0006-2960	95172	3.848	0.777	1723
J CLIN INVEST	0021-9738	78425	15.053	2.887	345
EMBO J	0261-4189	77132	10.053	2.198	394
J VIROL	0022-538X	76925	5.178	1.059	1599
NUCLEIC ACIDS RES	0305-1048	71112	7.552	1.391	1336
MOL CELL BIOL	0270-7306	68516	7.093	1.181	950
J CELL BIOL	0021-9525	67749	10.951	1.898	381
BIOCHEM BIOPH RES CO	0006-291X	66630	3.000	0.448	2356
J EXP MED	0022-1007	64170	13.965	2.695	354

Top 20 Biomedical Journals by 2005 Impact Factor

Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles
CA-CANCER J CLIN	0007-9235	4218	49.794	21.300	20
ANNU REV IMMUNOL	0732-0582	14745	47.400	10.828	29
NEW ENGL J MED	0028-4793	167894	44.016	13.422	308
ANNU REV BIOCHEM	0066-4154	16313	33.456	4.857	28
NAT REV CANCER	1474-175X	9823	31.694	3.935	77
NAT REV IMMUNOL	1474-1733	8686	30.458	3.792	72
NAT REV MOL CELL BIO	1471-0072	11438	29.852	6.225	80
CELL	0092-8674	132371	29.431	6.238	319
NAT MED	1078-8956	40386	28.878	6.600	155
PHYSIOL REV	0031-9333	14943	28.721	4.788	33
NAT IMMUNOL	1529-2908	16989	27.011	5.362	130
NAT GENET	1061-4036	52387	25.797	5.921	190
ANNU REV NEUROSCI	0147-006X	8563	24.184	2.263	19
LANCET	0140-6736	131616	23.878	7.347	360
ANNU REV CELL DEV BI	1081-0706	7097	23.690	0.857	28
JAMA-J AM MED ASSOC	0098-7484	95715	23.494	5.082	380
NAT BIOTECHNOL	1087-0156	20914	22.738	5.210	124
ENDOCR REV	0163-769X	10851	22.538	3.275	40
NAT REV NEUROSCI	1471-0048	8447	20.951	3.293	75
ANNU REV PHARMACOL	0362-1642	5994	19.833	5.793	29



→ Citations



Source paper – published in 2006



Cited reference – published in 2004 or 2005

$$\text{Impact Factor} = \frac{\text{Cites in 2006 to 2004 or 2005 papers}}{\text{Papers published in 2004 or 2005}}$$

The average number of citations in 2006 to scholarly material that was published in the prior two years

Citation Analysis

Some characteristics of citable items:

- Descriptive title
- One or more named authors with address
- An abstract
- Length
- Data tables or figures
- Cited references

Citation Analysis

- Properly used Impact Factor can tell us something about a journal as a whole namely the extent to which its recently published papers were cited in a given year.
- It tells us nothing concrete about any specific paper or specific author. Most articles in most fields are not well cited. Less than 25% of all articles receive 5 or more citations and many articles are never cited.

Citation Analysis

Emerging Infectious Diseases

2005 Impact factor: 5.308

Journal Citation Reports (JCR) -- 2005 Science Edition

Impact Factor Calculation

Journal: **Emerging Infectious Diseases**

Impact Factor: **5.308**

Cites in 2005 to articles published in :

2004 = **1556**

2003 = **1921**

04 + 03 = **3477**

Number of articles published in:

2004 = **374**

2003 = **281**

04 + 03 = **655**

Calculation:

Cites to recent articles $\frac{3477}{655} = 5.308$

Number of recent articles

Citation Analysis

- ***New Journals – citations to the work of authors and editorial board members.***

Has the past work of authors and editorial advisory board members received citations?

Citation Analysis

Self Citations:

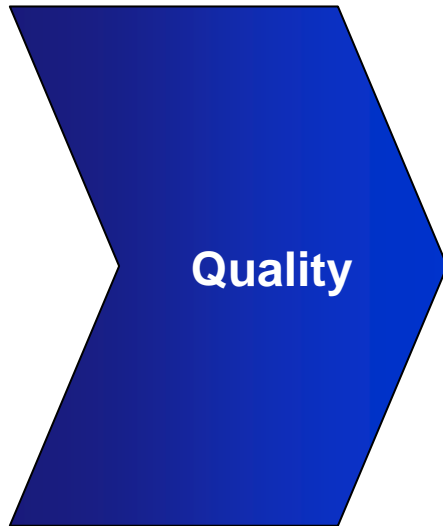
- 80% of all journals listed in the JCR Science Edition have self-citation rates of less than 20%.
- Excessive self-citation weakens the integrity of the journal's Impact Factor.
- Journals with excessive self-citation may be deleted from the Journal Citation Reports until the problem is corrected.

Web of Science Journal Selection Process

1. Basic Journal Publishing Standards
2. Editorial Content
3. International Diversity
4. Citation Analysis

Web of Science

Web of Science



Quality: Evaluated, *Selected* Content

- Our selection criteria is unbiased, impartial, time-tested.
 - We are “Publisher-Neutral”, evaluating research, Commercial, Society, Open Access publications, etc.
 - 9,600+ titles total
 - Sciences – 6563 titles
 - Social sciences – 1926 titles
 - Arts & Humanities – 1151 titles

Web of Science



Diversity: Truly Multidisciplinary

- All fields of research are included
 - Over 230 categories

Web of Science



Depth! -- A vast archive of important research

- to 1900 in the Sciences
- to 1956 in the Social Sciences
- to 1975 in Arts & Humanities

Web of Science



Data: *unique capabilities*

- The combination of Quality, Diversity, and Depth, along with the capture of Author Cited References for over 100 years of data provides for ***unique features of searching and navigation -- driving discovery.***

References



CONCLUSIONS

1. The results of this research suggested that reducing mineral nutrient concentration in MS medium to half the normal value increased the rooting percentage of PR 204/84 shoots when IBA concentration was 2.5 μM , and the mean root number when IBA concentrations were 2.5 and 5 μM . Root elongation was stimulated at all IBA levels on both full and half strength media, however means were not significantly different.
2. After 12 days of culture in a dark room followed by 12 days in standard conditions, rooting percentage of shoots increased in comparison to the control (24 days in standard growth room conditions) at IBA concentrations 1 and 2.5 μM . However, further experiments should be conducted adopting shorter dark treatments in order to avoid problems of shoot chlorosis and excessive shoot elongation. The differences in rooting percentage of shoots between the two experiments could be attributed to the different experimental periods.

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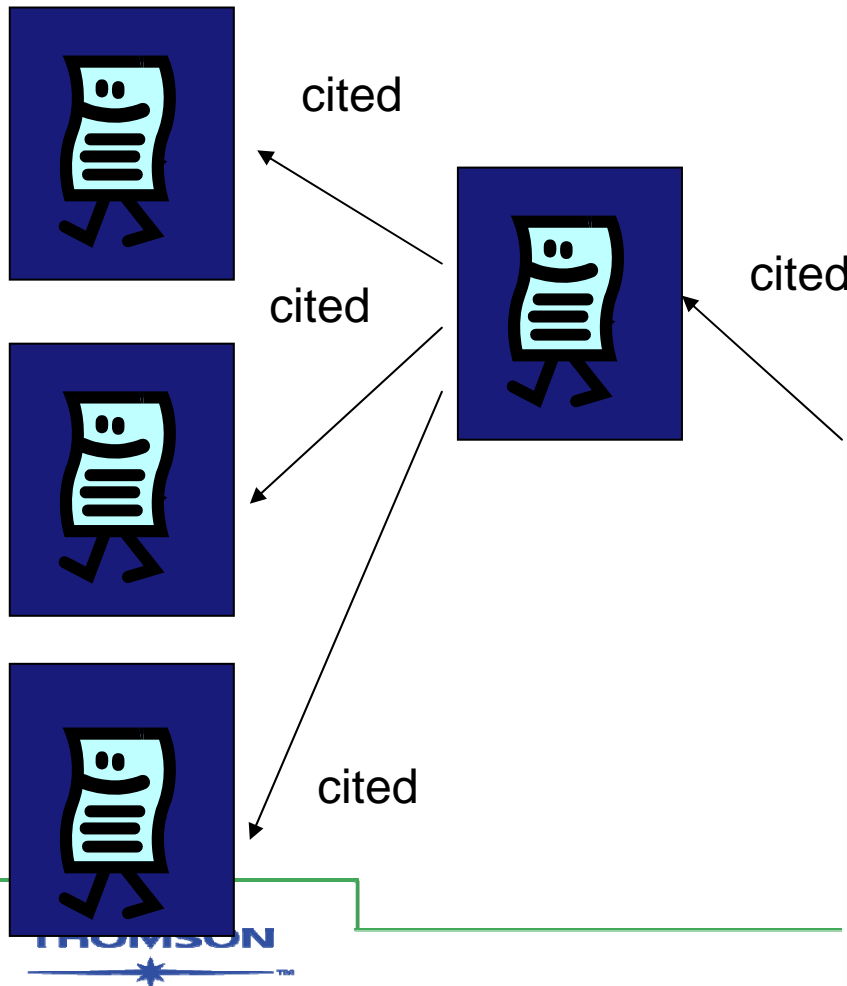
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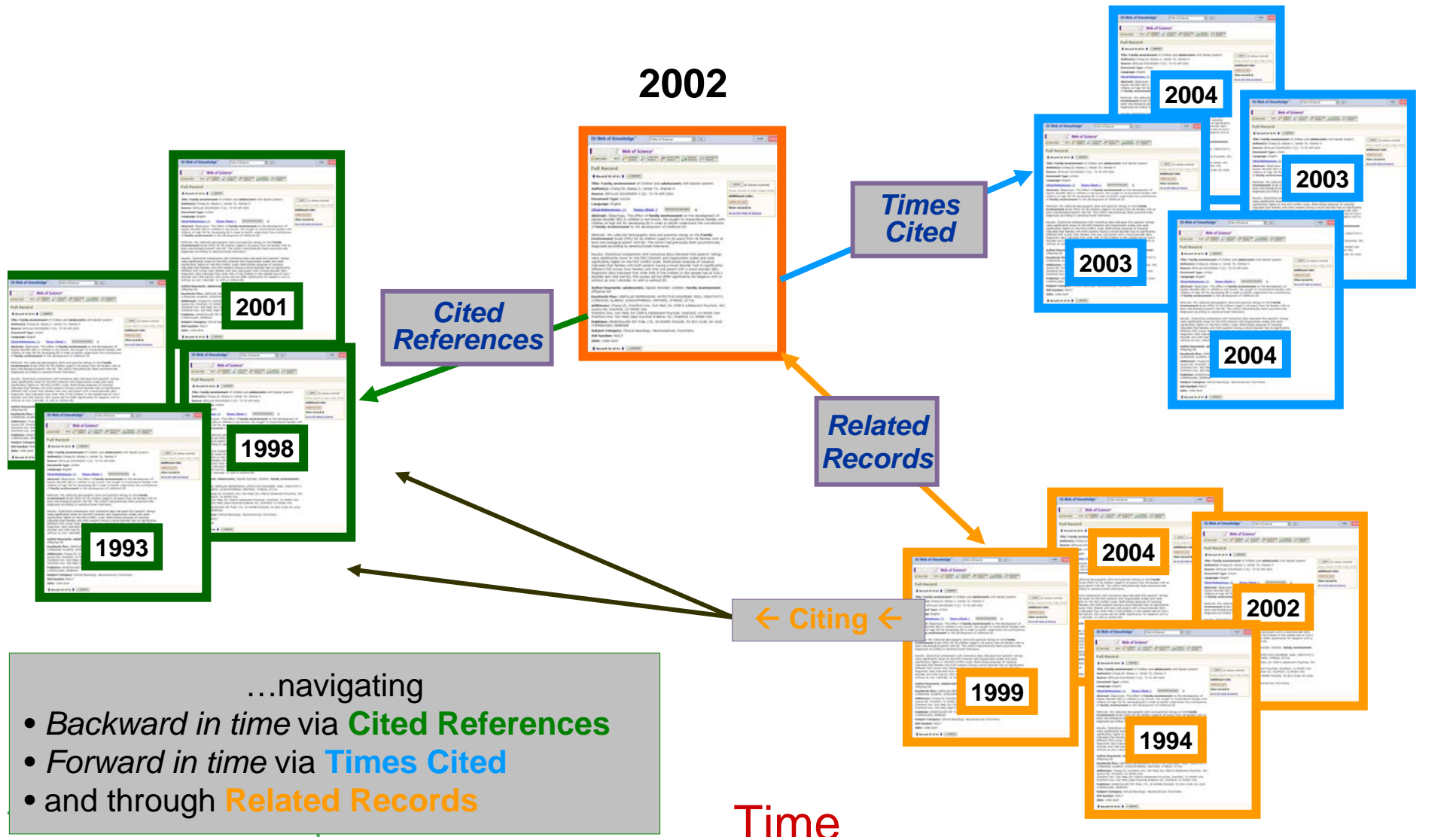
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Hammerschlag, F., Bauchan, G. & Scorza, R. 1987. Factors influencing *in vitro* multiplication and rooting of peach cuttings. *Plant Cell, Tissue Culture* **8**, 225–232.




Literature Citation Information – Driving Discovery of “CLOSE Art”



...navigating

- Backward in time via **Cited References**
- Forward in time via **Times Cited**
- and through **Related Records**

Full Record

Record 1 of 29,237 (Set #2)  [SUMMARY](#)

Title: PREVALENCE OF HUMAN PAPILLOMAVIRUS IN CERVICAL-CANCER - A WO

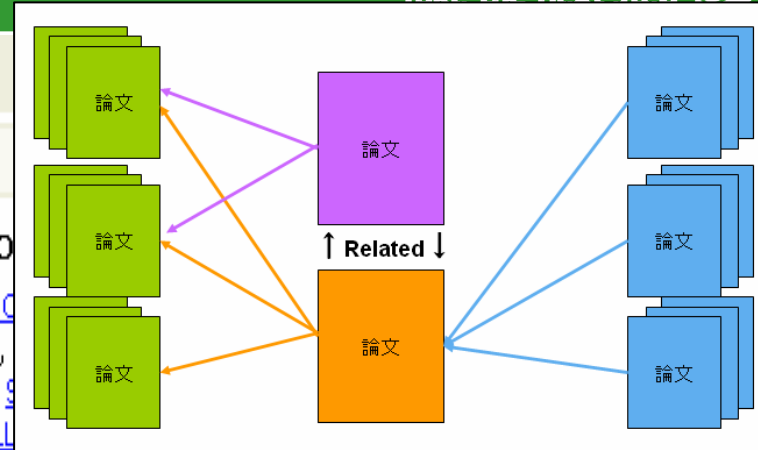
Author(s): [BOSCH FX](#), [MANOS MM](#), [MUNOZ N](#), [SHERMAN M](#), [JANSEN AM](#), [PETO J](#), [SC](#)
[KURMAN R](#), [SHAH KV](#), [ALIHONOU E](#), [BAYO S](#), [MOKHTAR HC](#), [CHICAREON S](#), [DAUDT A](#),
[KITINYA JN](#), [KOULIBALY M](#), [NGELANGEL C](#), [TINTORE LMP](#), [RIOSDALENZ JL](#), [SARJADI](#), [S](#)
[TEYSSIE AR](#), [ROLON PA](#), [TORROELLA M](#), [TAPIA AV](#), [WABINGA HR](#), [ZATONSKI W](#), [SYLL](#)
[D](#), [KALDOR J](#), [GREER C](#), [WHEELER C](#)

Source: JOURNAL OF THE NATIONAL CANCER INSTITUTE 87 (11): 796-802 JUN 7 1995

Document Type: Article

Language: English

[Cited References: 30](#) [Times Cited: 1340](#) [FIND RELATED RECORDS](#) 



Find Related Records: Retrieve articles which cited the same references

Navigate backward in time to uncover an author's prior influences

Navigate Forward to discover a paper's impact on current research

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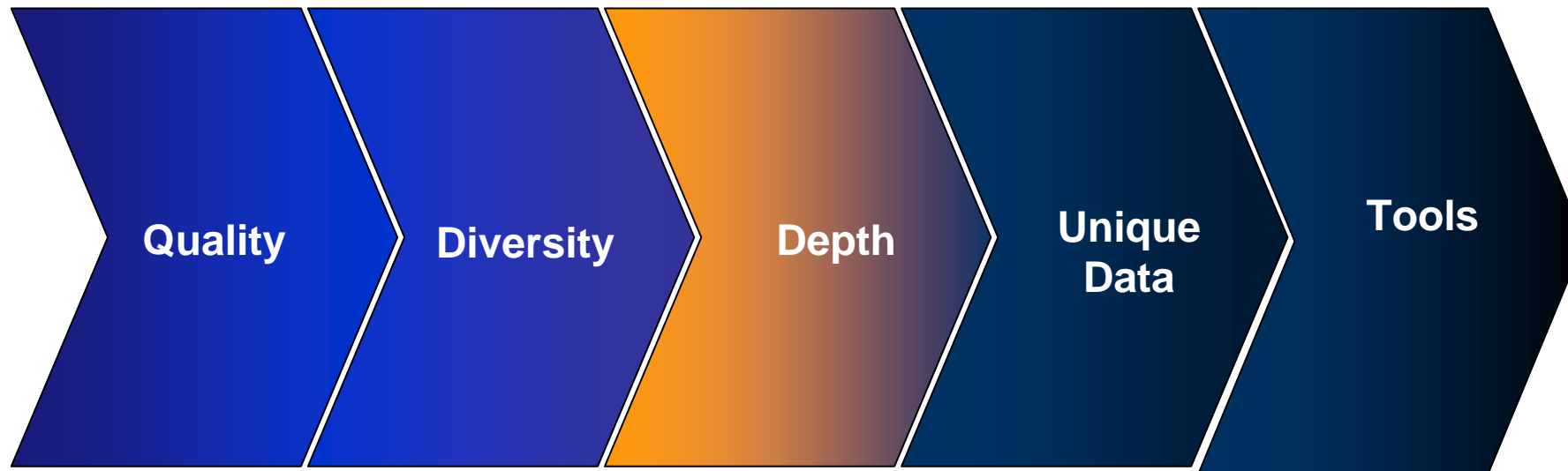
[Essential Science Indicators](#)

[Journal Citation Reports](#)

Abstract Background: Epidemiologic studies have shown that the association of genital human papillomavirus (HPV) with cervical cancer is strong, independent of other factors, and consistent in several countries. The associated HPV type is known about their geographic and cervical types. The data on viral type and geographic region to assess geographic heterogeneity. Results: HPV DNA was detected in 93% of the tumors, with no significant variation in HPV positivity among countries, HPV 16 was present in 50% of the specimens, HPV 18 in 14%, HPV 45 in 8%, and HPV 31 in 5%, HPV 16 was the predominant type in all countries except Indonesia, where HPV 18 was more common, There was significant geographic variation in the prevalence of some less common virus types. A clustering of HPV 45 was apparent in

- The language of science is always changing
- Concepts and terminology continue to evolve
- Keyword searching alone will never maximize retrieval of critical information...

Web of Science



Tools to take our users to the next step:

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Why Use the Web of Science?

- Keep you up to date
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- etc

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at your fingertips

Coming -- summer of 2007 *The New Face of Research*

- Re-design of the search interface
 - Based on lengthy, detailed, diverse usability studies
 - Identification of types of users and their behavior – “personas”
 - Ensure that all “personas” are well-served by the new interface

- Unification of Content – utilization of a cross-database categorization scheme
 - Native database indexing mapped to existing Web of Science/JCR categorization
 - The ability to refine results from multiple databases via a single indexing scheme.
 - Richer discovery utilizing all Web of Knowledge resources

All Databases

Select a Database

Inspect

Additional Resources

Search | Search History

Search for:

hurricane* in Topic

Example: oil spill* AND "North Sea"

AND environment* or ecolog* in Topic

Example: O'Brian C* OR OBrian C*

AND in Publication Name

AND OR NOT
Example: Cancer* OR Journal of Cancer Research and Clinical Oncology

Add Another Field >>

Topic
Title
Author
Publication Name
Year Published

Search Clear

Limit to: All Years

All Years
Latest 5 years
Year to Date
Latest 4 weeks
Latest 2 weeks
Latest (current) week

- A clear consistent view...
- Searches across all resources...
- Links to training, help, and valuable search aids will be included

The Future

University of Science and Technology of China



Welcome, Jeff Dougherty

Maintenance Alert

Due to essential maintenance ISI Web of Knowledge will be unavailable on August 12th from 2pm until 4pm EST.

Discover ISI Web of Knowledge

Search the highest ranked scholarly journals and patents from around the world.

- 55,300,000 articles
- 21,000 journals
- 14,300,000 patents

Want to know more?

My Web of Knowledge

- My EndNote Web
- My Citation Alerts
- My Saved Searches



Use the "All Databases" tab above to search all databases, or select a single database from the list below.

Web of Science (1900-present)

Includes Cited Reference Searching and Author Finder.

The authority for citations to current and retrospective journals in the science, social science, humanities and arts fields

- Science Citation Index Expanded (1900-present)
- Social Sciences Citation Index (1956-present)
- Arts & Humanities Citation Index (1975-present)

Current Contents Connect (1998-present)

Includes Tables of Contents and Author Finder.

Current journals, Web sites and books – updated daily

- Agriculture, Biology & Environmental Sciences
- Social & Behavioral Sciences
- Clinical Medicine
- Life Sciences
- Physical, Chemical & Earth Sciences
- Engineering, Computing & Technology
- Arts & Humanities
- Business Collection
- Electronics & Telecommunications Collection

ISI Proceedings (1990-present)

International conferences and meetings

- Science & Technology
- Social Science & Humanities

Derwent Innovations Index (1963-present)

Includes Cited Patent Searching.

International patents

- Chemical
- Electrical and Electronic
- Engineering

Biological Abstracts (1926-present)

Biomedical and life sciences journals

BIOSIS Previews (1926-present)

Biomedical and life sciences journals, patents, and meetings

CAB Abstracts (1910-present)

Agriculture, forestry, and biosciences

Food Science and Technology Abstracts (1969-present)

Food and beverage research and development

Inspec (1898-present)

Physics, engineering, electronics, and computer sciences

MEDLINE (1950-present)

Medical research literature

- In-Process
- MEDLINE (1950-present)

Zoological Record (1864-present)

Animal biology and biodiversity research literature

Web Citation Index

Web-based documents, including pre-prints, open archive repositories, and open access journals

Why select only one database?

Special features

Some databases offer special features that others do not.


For example, Web of Science offers *Cited Reference Searching*, a powerful feature that allows you to find articles that have cited a previously published work.

Searching

Some databases contain unique data fields that can be searched when you select that database.

Links to all resources, with clear descriptions of each

ISI Web of Knowledge

Take the next step 

All Databases

Select a Database

Web of Science

Additional Resources

Search

Cited Reference Search

Chemical Search

Advanced Search

Search History

Web of Science

Search for:

in **Topic** 

Example: oil spill AND "North Sea"*

AND  in **Author** 

Example: O'Brian C OR OBrian C**

AND  in **Publication Name** 

Example: Cancer OR Journal of Cancer Research and Clinical Oncology*

[Add Another Field >>](#)

- Topic
- Title**
- Author
- Group Author
- Publication Name
- Year Published
- Address
- Language
- Document Type

Limit to: [\(Change Settings\)](#)

Timespan=All Years. Databases=Science Citation Index Expanded (SCI-EXPANDED); Social Sciences Citation Index (SSCI); Arts & Humanities Citation Index (A&HCI)

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All Databases

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Web of Science

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Web of Science

Cited Reference Search. Find the articles that cite a person's work [View our Cited Reference Search tutorial.](#)

Step 1: Enter the author's name, the work's source, and/or publication year.

Cited Author

Example: O'Brian C OR OBrian C**

Cited Work

Example: J Comput Appl Math ([journal abbreviation list](#))*

Cited Year

Example: 1943 or 1943-1945

Limit to: ([Change Settings](#))

Cited Reference Searching
Unique Web of Science capabilities ---

**A true searchable, browseable citation
index across 106 years**

Web of Science

Results Topic=("breast cancer" and treatment)
Timespan=1900-2007. Databases=SCI-EXPANDED; SSCI; A&HCI.
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Results: **30,515**

Page 1 of 3,052 [Go](#)

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Refine Results

Search within results for

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- BIOCHEMISTRY & MOLECULAR BIOLOGY (1,916)
- MEDICINE, GENERAL & INTERNAL (1,887)
- PHARMACOLOGY & PHARMACY (1,885)
- SURGERY (1,845)

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Document Types [Refine](#)

- ARTICLE (4,100)
- MEETING ABSTRACT (293)
- REVIEW (373)
- NOTE (542)
- BOOK REVIEW (1,023)

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1. Title: [Cyclooxygenases in hepatocellular carcinoma](#)
Author(s): Cervello M, Montalto G
Source: **WORLD JOURNAL OF GASTROENTEROLOGY** Volume: 30 Issue: 7 Pages: 1163-1172 Published: JUL 2006
Times Cited: 0
[→Links](#) [Full Text](#)
2. Title: [Prolonged exposure of colon cancer cells to the epidermal growth factor receptor inhibitor gefitinib \(Iressa \(TM\)\) and to the antiangiogenic agent ZD6474: Cytotoxic and biomolecular effects](#)
Author(s): Azzariti A, Porcelli L, Xu JM, et al.
Source: **WORLD JOURNAL OF GASTROENTEROLOGY** Volume: 30 Issue: 7 Pages: 1163-1172 Published: JUL 2006
Times Cited: 2
[→Links](#)
3. Title: [Quality of life assessment in surgical oncology trials](#)
Author(s): Avery, K; Blazeby, JM
Source: **WORLD JOURNAL OF SURGERY** Volume: 30 Issue: 7 Pages: 1163-1172 Published: JUL 2006
Times Cited: 0
[→Links](#) [Full Text](#)
4. Title: [Quality of life assessment in surgical oncology trials](#)
Author(s): Avery, K; Blazeby, JM
Source: **WORLD JOURNAL OF SURGERY** Volume: 30 Issue: 7 Pages: 1163-1172 Published: JUL 2006
Times Cited: 2
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All Databases

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Additional Resources

Analytical Tools:

Journal Citation Reports

Journal performance metrics, including Impact Factor

Essential Science Indicators

Scientific performance measures

Web Sites:

ISI HighlyCited.com

Author biographies and bibliographies

BiologyBrowser

Resources for the life sciences information community

Index to Organism Names

The most comprehensive organism names database

in-cites

Interview, first person essays, and profiles on selected items from Essential Science Indicators

Science Watch

Tracking trends and performance in basic research

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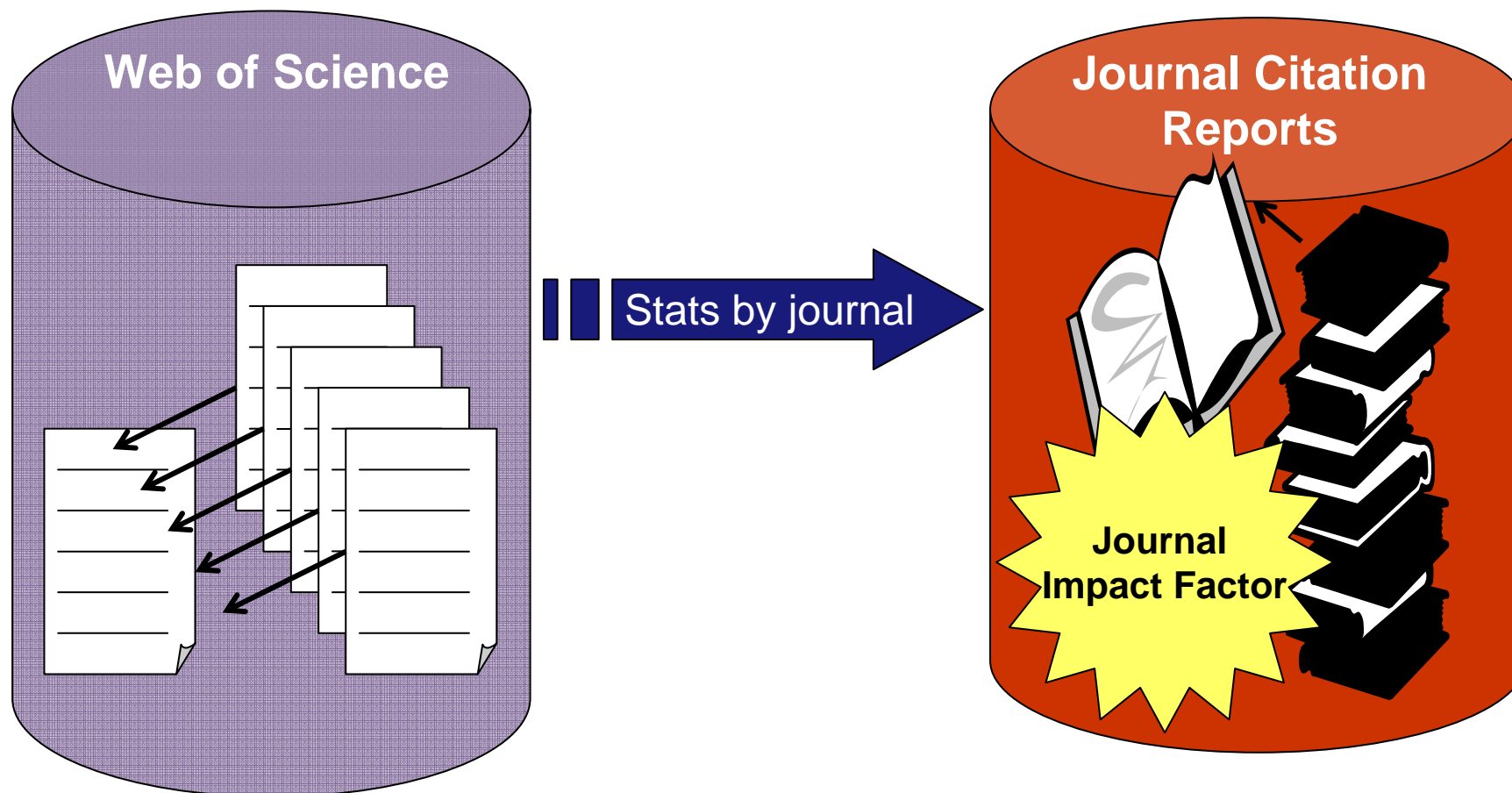
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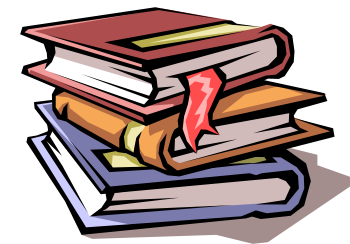
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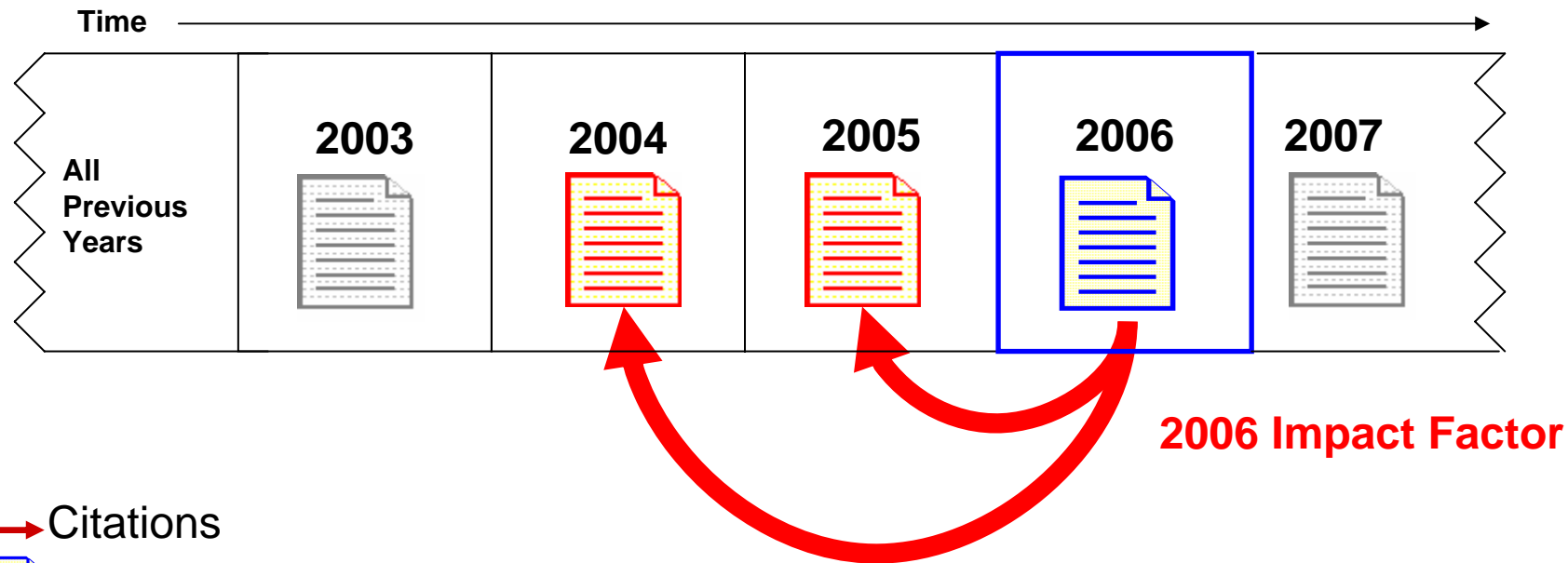


“Tools” in the JCR

1. **Impact Factor** – how frequently has the average article in a journal been cited in a particular year?
2. **Immediacy Index** –how quickly is the average article in a journal cited?
3. **Cited Half-Life** – what is the age range of the articles in the journal that have been cited by others?
4. **Citing Half-Life** – what is the average age of articles that the journal has cited?

Impact Factor

- Librarians can use the Impact Factor to help decide which journals to subscribe to.
- Authors can view the Impact Factor and decide which journals they may wish to submit their papers to for publication.
- Students can check the Impact Factor to see which journals they should be reading.
- Administrators can see the standard of journals that their academics are publishing in.



→ Citations



Source paper – published in 2006



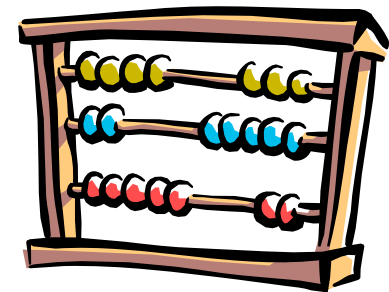
Cited reference – published in 2004 or 2005

$$\text{Impact Factor} = \frac{\text{Cites in 2006 to 2004 or 2005 papers}}{\text{Papers published in 2004 or 2005}}$$

The average number of citations in 2006 to scholarly material that was published in the prior two years

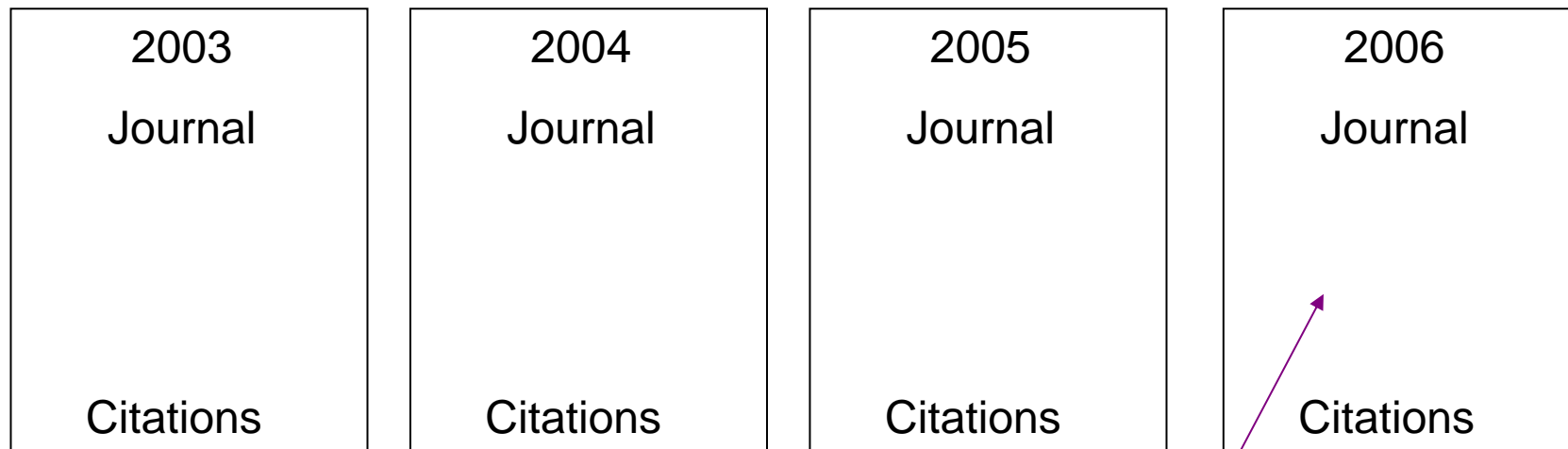
Immediacy Index

- Measures how quickly the average article in a journal is cited
- Tells you how often articles published in a journal are cited during their year of publication



Impact Factor & Immediacy Index

$$\text{Impact Factor (2 years)} = \frac{\text{no. of citations}}{\text{no. of articles}}$$



$$\text{Immediacy Index (Current year)} = \frac{\text{no. of citations}}{\text{no. of articles}}$$

Cited Half Life

- Helps evaluate the **average age** range of articles cited from the journal

Applications

You use the Journal Cited Half Life to see if articles from a journal that were published a long time ago are still being cited. This shows you if the journal has a good track record and was producing good articles in the past.

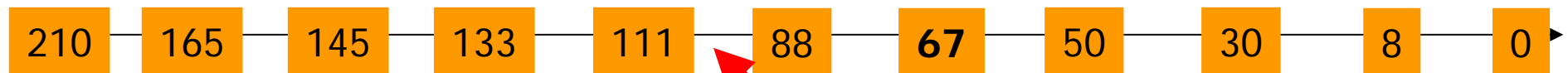
The Journal Cited Half Life may be useful to library staff in order to carry out collection management. If a journal has a low Cited Half Life it means that older papers are not being cited as much and it may be a reason for not binding these into volumes and archiving them.

Cited Half Life – 6.7 Years

ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY

All journals in current year citing this journal 210 times

45	20	12	22	23	21	17	20	22	8	0
1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
-All										



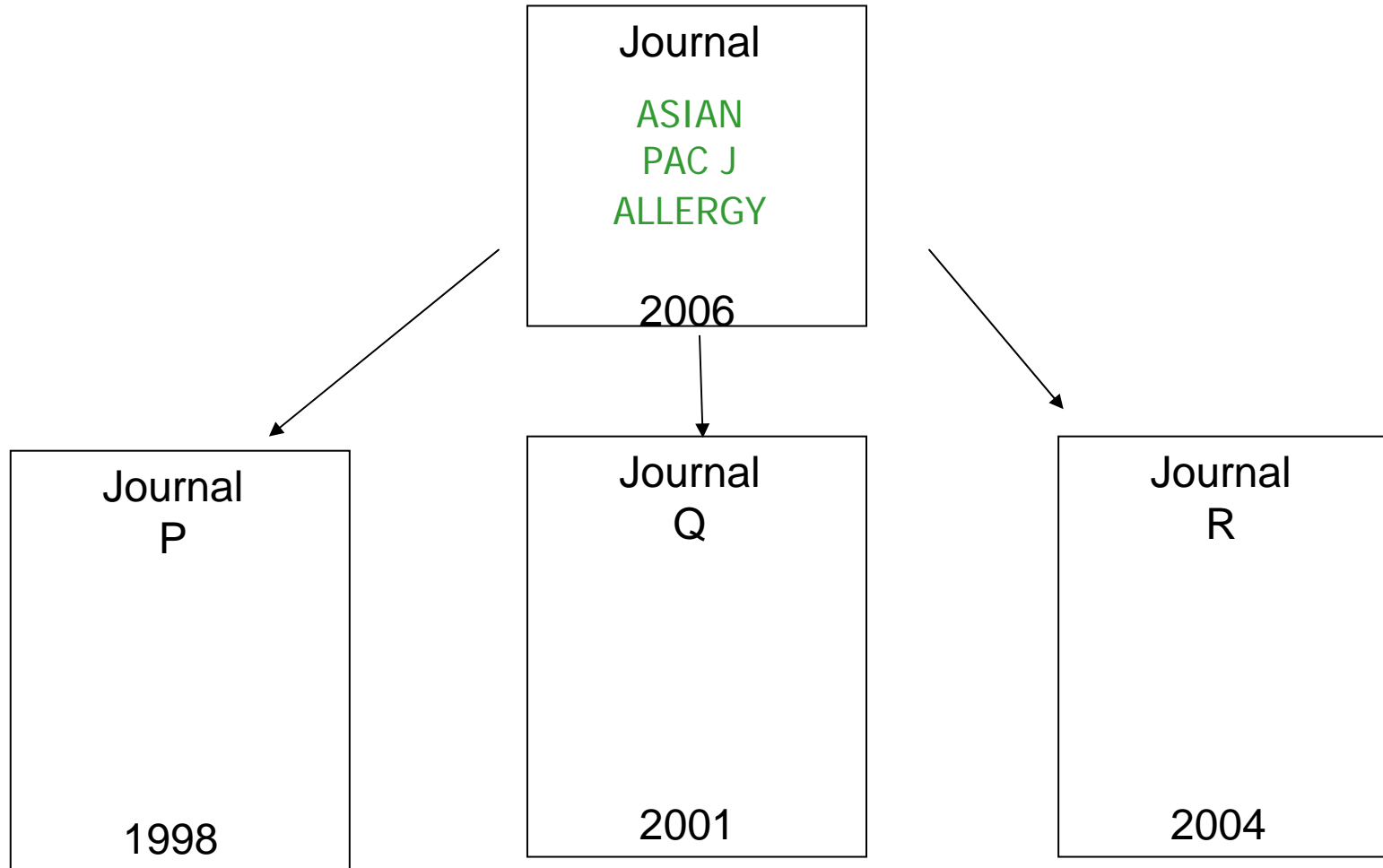
50% of 210 = 105
Cited Half-Life: 6.7 years

Citing Half Life

- Helps you evaluate the age of the majority of articles referenced **by the selected journal**
- By knowing how far back the journal cites, you can see if the journal is citing the most up to date, cutting edge literature or older literature and so can decide if this journal is valuable in helping you keep up to date in your research area.

Citing Half Life

ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY

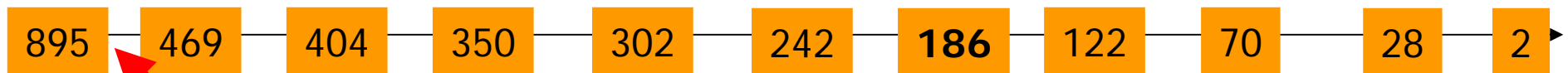


Citing Half Life – 9.7 Years

ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY

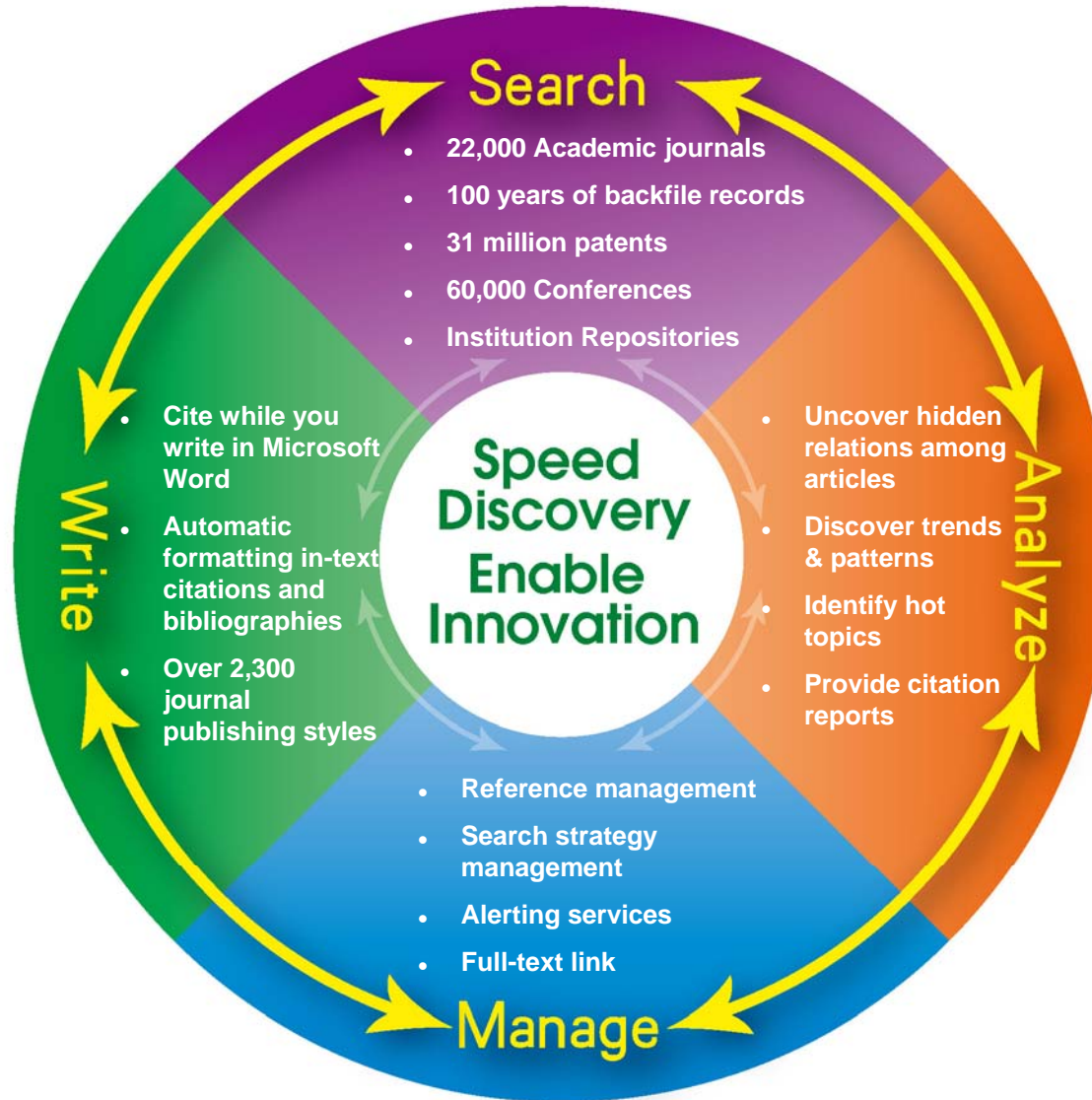
The journal cited 895 articles in the current JCR year (2006)

426	65	54	48	60	56	64	52	42	26	2
1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
-All										



50% of 895 = 448
Citing Half-Life: 9.7 years

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Thank You