

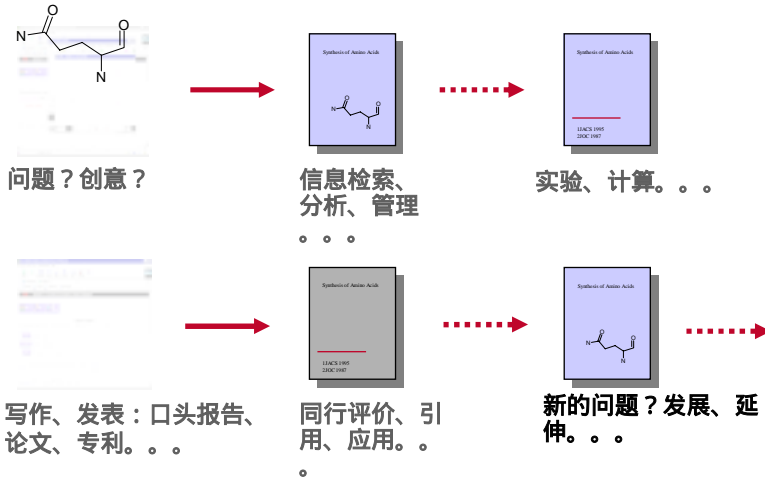
恭祝CALIS数字化服务工作研讨会暨第二届国外  
引进数据库培训周圆满成功！

***Integrated Innovation***  
— 不断发展的 *ISI Web of Knowledge*



刘焯 Ph.D  
中国区经理, Thomson Scientific  
david.liu@thomson.com

# "Communication as the Root of Scientific Process"



## 不断发展的中国科学

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COUNTRY RANKINGS FOR "PEOPLES R CHINA"

Sorted by: Citations

1 - 29 (of 22)

Page 1 of 2

	VIEW	FIELD	PAPERS	CITATIONS	CITATIONS PER PAPER
1		CHEMISTRY	38,383	565,935	2.84
1		Physics	42,563	546,922	3.03
3		Clinical Medicine	15,740	71,538	4.54
4		MATERIALS SCIENCE	25,934	49,699	1.92
5		ENGINEERING	25,692	43,649	1.70
6		BIOLOGY & BIOCHEMISTRY	9,139	29,395	3.22
7		GEOSCIENCES	7,878	24,383	3.08
8		PLANT & ANIMAL SCIENCE	7,599	19,129	2.52
9		MATHEMATICS	11,852	16,625	1.40
10		MOLECULAR BIOLOGY & GENETICS	2,894	15,603	5.39
11		NEUROSCIENCE & BEHAVIOR	1,381	14,797	10.71
12		SPACE SCIENCE	2,821	12,083	4.28
13		ENVIRONMENTAL SCIENCE	3,567	10,152	2.85
14		PHARMACOLOGY & TOXICOLOGY	3,289	9,237	2.81
15		MICROBIOLOGY	1,177	7,099	6.03

# 不断发展的中国科学



## A Knowledge Base Solution for Researchers in the Innovation Era



**“Enabling Scientific Discovery through a  
Integrated Information Infrastructure:  
the right information  
the right place  
the right time”**

—Walter L. Warnick 博士  
美国能源部科技信息技术处主任

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**历史回顾**：引文索引与引文检索的基本概念



**ISI Web of Science 7.0** - 不仅仅提供高质量的信息，更重要的是提供研究的思路



**ISI Web of Knowledge 3.0**—整合的数字研究环境  
推动科学研究不断创新



**ISI Web of Knowledge 在中国**— Integrated Innovation



## **ISI : Dr. Eugene Garfield**

- 1958 创建 *Institute for Scientific Information (ISI)*
- 此前，Dr. Garfield 参与 Johns Hopkins 大学 Welch 医学索引项目，该项目后来发展成为 *Index Medicus*, *Medical Subject Headings (MeSH)*, 并为 *MEDLARS* 和 *MEDLINE* 的发展奠定了基础
- ISI 推出的第一个产品：  
*Current Contents : Pharmaco-Medical & Life Sciences*

## 引文索引：历史

- Dr. Garfield 1955年在 *Science* 发表论文提出将引文索引作为一种新的文献检索与分类工具
  - 将一篇文献作为检索字段从而跟踪一个Idea的发展过程
- 1963年出版 *Science Citation Index*
- 1973年出版 *Social Sciences Citation Index*
- 1978年出版 *Arts & Humanities Citation Index*

## 引文索引：收录最重要的学术期刊

- “一个有效的索引必须严格限制它的收录范围，基本上应只收集对研究者有用的信息”。

-Eugene Garfield, Ph. D.

- “布拉弗德-加菲尔德法则”(学术信息的20-80规律)：  
20%的期刊汇集了足够的信息以全面反映科技的最新最重要的成果与进展

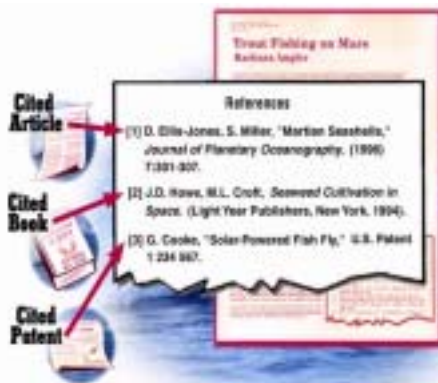
## 系统严谨的选刊标准与过程

- 基本的期刊出版标准
- 编辑和评委的意见
- 国际性与区域代表性
- 引文分析

每一本期刊都根据其在所属学科领域的影响而挑选

数十年一惯严格的选刊构成 *ISI Web of Science* 的基础

## 引文索引：引文信息与引文检索

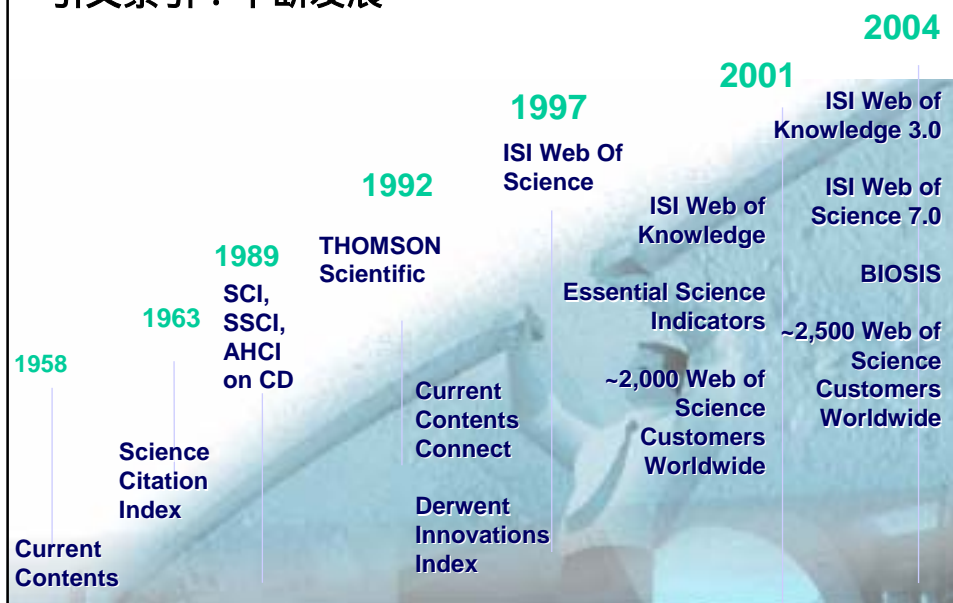


Cited Work

被引用的各种文献类型：

- 期刊文献
- 学术著作
- 专利
- 会议文献
- 技术报告

## 引文索引：不断发展



## 引文索引的今天 ...

**ISI Web of Science 7.0**

*Science Citation Index Expanded, 6,126种*

*Social Sciences Citation Index, 1,802种*

*Arts & Humanities Citation Index, 1,136种*

*Current Chemical Reactions, 75万条化学反应*

*IndexChemicus, 150万个化合物*

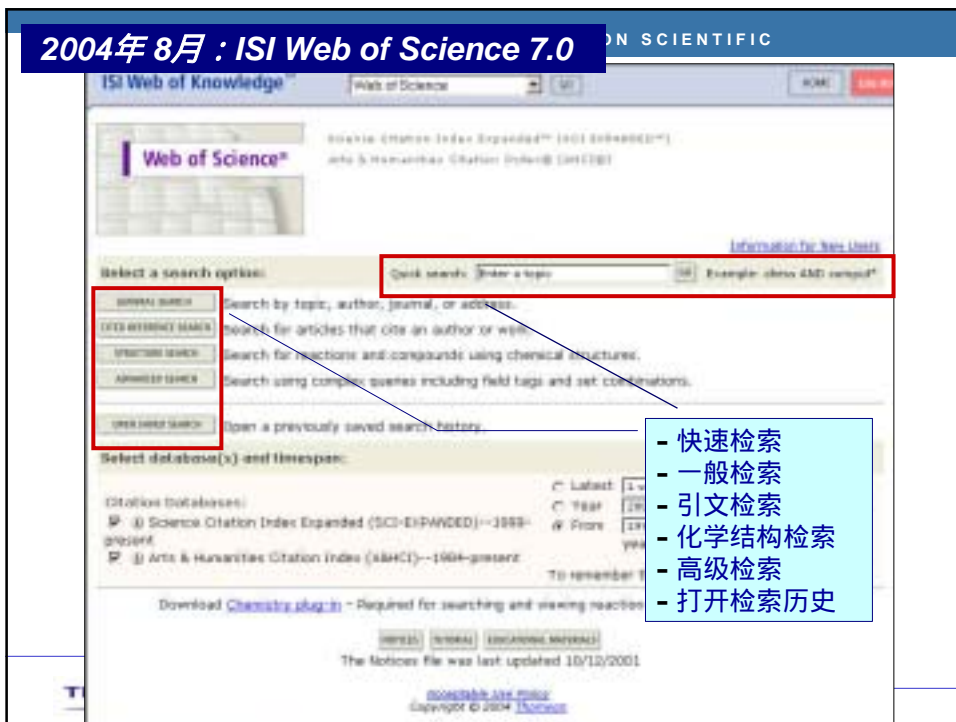


**ISI Web of  
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# 2004年8月 : ISI Web of Science 7.0



- 快速检索
- 一般检索
- 引文检索
- 化学结构检索
- 高级检索
- 打开检索历史



选择数据库  
和检索年限

- 主题
- 作者（作者索引）
- 机构作者（机构作者索引）
- 来源刊（来源刊索引）
- 地址

The screenshot shows the ISI Web of Knowledge search page. Several fields are highlighted with red boxes and arrows pointing to a text box on the right:

- General Search** (highlighted)
- GROUP AUTHOR:** 1. Enter one or more group names (see [group author notes](#))
- author:** 1. Enter one or more author names (see [author notes](#))
- address:** 1. Enter abbreviated terms from an author's affiliation (see [address notes](#))

The text box on the right contains the following text:

最新引入机构作者检索字段  
互动的字段索引提供检索辅助

The screenshot shows the ISI Web of Knowledge Structure Search page. A text box on the right contains the following text:

直接画出化学结构检索：化学结构、化学  
反应信息（适用于ISI Chemistry的用户）

The interface includes the following sections:

- Structure Search** (with a link to [View your search history online](#))
- Select database(s) and time span:**
  - Citation Databases:
    - Science Citation Index Expanded (SCI-EXPANDED)---(1990-present)
    - SOCIAL SCISearch Citation Index (SSCI)---(1966-present)
  - Filters:
    - Latest: [1 week] (updated April 25, 2004)
    - Year: [2004]
    - From: [1980] to [2004] (default is all years)
- Compound Data**
  - Enter a compound name, biological activity and/or molecular weight, use the checkboxes to specify a role.
  - Compound Name:
  - Compound Biol. Act.:  [Biological Activity List](#)
  - Molecular Weight:
  - Role:  as Reactant  as Product  as Catalyst  as Solvent
- Reaction Data**
  - Enter any reaction conditions to be searched, along with desired reaction keywords or comments.
  - Atmosphere:  Pressure (Atm):  Refluxed Flag:
  - Time (Hr):  Temperature (C):
  - Product Yield:  Other:  [Terms List](#)
  - Reaction Keywords:  [Keywords List](#)
  - Reaction Comments:

**Cited Reference Search 引文检索**

要做到检索的全面性，引文检索是非常必要的：发现那些用关键词检索遗漏的重要信息

**Cited Work:** 检索一篇期刊文献、一篇会议文献、一本书、一个专利、一份技术报告等各种文献的被引用情况，立刻掌握最新的进展

检索有文字记载以来的任何一篇文献的被引用情况

**被引作者索引**

**被引文献索引**

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**Cited Reference Search 引文检索**

简单迅速，全面检索文献必不可少的环节

点击“Finish Search”显示所有引用该文献的文章，并且立刻建立这一被引检索的 Alerting 服务

select	Times Cited	Cited Author	Cited Work	Year	Volume	Page	Article ID	View Record
<input type="checkbox"/>	1	THOMSON NR	ANV GEOPHYE-CTM HYDR	1997	15	666		
<input type="checkbox"/>	3	THOMSON NR	CHEM OXIDATION REACT	2000		5		
<input checked="" type="checkbox"/>	8	... Thomson NR	CHEMOSPHERE	2000	48	1383		<a href="#">View record</a>
<input type="checkbox"/>	1	THOMSON NR	DOCUMENT					
<input type="checkbox"/>	8	THOMSON NR	GEOPHYE R					
<input type="checkbox"/>	2	THOMSON NR	GROUND WA					
<input type="checkbox"/>	1	THOMSON NR	IN PRESS J					
<input type="checkbox"/>	1	THOMSON NR	IN PRESS J					

高级检索提供更多的检索字段和构建更复杂的检索式  
比如：组合主题检索和引文检索

检索历史提供更直接的方式展开二次检索

**Advanced Search** (See search history below)

Selected database(s) and timespan:  
Database=SCI-EXPANDED, SSCI, ISI/CI; Timespan=1950-2004

Search General Search fields only, using 2-character tags. Combine sets using Boolean operators. Next level using parentheses ( ).

Examples: TS=(nanochub\* SAME carbon) NOT ALL=insley #1 NOT #2

**Search Aids:** Author Index | Group Author Index | Full Source Titles List

Restrict search by languages and document types:

**Search History**

Combine Sets	Results	Date/Doc's
#1	TS=(RNA or RNA interference) Doc Type=All document types; Language=All languages; Database=SCI-EXPANDED, SSCI, ISI/CI; Timespan=1950-2004	2,334
#2	TS=(gene silenc*) Doc Type=All document types; Language=All languages; Database=SCI-EXPANDED, SSCI, ISI/CI; Timespan=1950-2004	1,400

Search Tag Key: TI=Topic, TR=Title, AU=Author, GP=Group Author, SO=Source, AD=Address, OO=Organization, SO=Suborganization, SA=Street Address, CI=City, PR=Province/State, CU=Country, IP=Zip/Postal Code

清晰、简洁的检索结果列表，辅之以各种排序的方式

选择你所需要的检索结果

**Search Results -- Summary**

#1 AND #2  
Doc Type=All document types; Language=All languages; Database=SCI-EXPANDED, SSCI, ISI/CI

132 results found  
Records 1 -- 33

Use the checkboxes to select individual records for marking, then click submit to add them to the marked list.

**Sort by:**  
 Latest date  
 Times Cited  
 Preference score  
 First author in this page  
 Source Title  
 Records  
 k1

1. SA-Tai K, Naito Y, Takahashi F, et al. Guidelines for the selection of highly effective siRNA sequences for mammalian and chick RNA interference. NUCLEIC ACID RESEARCH 32 (3): 936-949 FEB 2004

2. Hood E. RNAi: what's all the noise about? gene silencing? ENVIRONMENTAL HEALTH PERSPECTIVES 112 (4): A224-A229 MAR 2004

3. van Rij RP, Andino R. RNAi - a guide to gene silencing. SCIENCE 303 (5666): 1479-1479 FEB 26 2004

4. Panticola P, Moravsek Z, Mill UM. Efficient RNA interference depends on global context of the target sequence: quantitative analysis of silencing efficiency using Eukaryotic ortho replicating siRNA. NUCLEIC ACID RESEARCH 32 (4): 1469-1479 FEB 2004

5. Paddison PJ, Silva JM, Conklin DS, et al. A siRNA library for large-scale RNA interference-based screens in mammalian cells. NATURE 420 (6924): 55-59 MAR 26 2004

6. Denton E, Silver PA. Therapeutic potential of retroviral RNAi vectors. EXPERT OPINION ON BIOLOGICAL THERAPY 4 (2): 319-327 MAR 2004

7. Zambre PD

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Web of Science Results Analysis

Results Analysis

1,400 records. TS=(gene silenc\*)

Select field to rank by: Analyze: [First 500 records] [Show the top 10 results] [Minimum record count (Threshold):] [Rank by: Record count] [Selected field]

Language: [Publicated Year] [Source Title]

Rank results by the selected field.

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Field	Institution Name	Record Count	% of 1400	Bar Chart
<input type="checkbox"/>	Johns Hopkins Univ	33	2.4%	[Bar]
<input type="checkbox"/>	Harvard Univ	30	2.1%	[Bar]
<input type="checkbox"/>	IBRA	31	2.2%	[Bar]
<input type="checkbox"/>	Univ Texas	31	2.2%	[Bar]
<input type="checkbox"/>	Johns Hopkins Univ	29	2.1%	[Bar]
<input type="checkbox"/>	Univ Calif Los Angeles	22	1.6%	[Bar]
<input type="checkbox"/>	CHES	21	1.5%	[Bar]
<input type="checkbox"/>	Cold Spring Harbor Lab	20	1.4%	[Bar]
<input type="checkbox"/>	Univ Tokyo	20	1.4%	[Bar]

(945 Institution Name value(s) outside display options.)

1. [A resource for large-scale RNA-interference-based screens in mammals](#)  
 NATURE 429 (6981): 427-431 MAR 25 2004

6. Devisse E, Silver PA  
[Therapeutic potential of retroviral RNAi vaccines](#)  
 EXPERT OPINION ON BIOLOGICAL THERAPY 4 (3): 319-327 MAR 2004

7. Zamore PD

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Record 15 of 132

Title: dsRNA-mediated gene silencing in cultured *Drosophila* cells: a tissue culture model for the analysis of RNA interference

Author(s): Caplen NJ, Pleener J, Fire A, Morgan RA

Source: GENE 252 (1-2): 95-105 JUL 11 2000

Document Type: Article

Language: English

Cited References: 20 Times Cited: 52

Abstract: RNA interference (RNAi) is a form of post-transcriptional gene silencing that has been described in a number of plant, nematode, protozoan, and invertebrate species. RNAi is characterized by a number of features: induction by double-stranded RNA (dsRNA), a high degree of specificity, no boundaries, and a sustained downregulation. In this study, we have examined the effect in whole organs of the induction of RNAi in 5000 different species showed no evidence for by dsRNA. By contrast, RNAi was observed in all species when dsRNA was introduced by transfection of dsRNA corresponding to GFP expression in *D. melanogaster*. This effect was structure- and was seen when antisense (or sense) RNA did not reduce GFP expression, and (3) dsRNA expression of an unrelated target transgene allow facile assays for loss of function in further understanding of the mechanism.

Author Keywords: post-transcriptional gene silencing; RNAi; S2 cells

KeyWords Plus: DOUBLE-STRANDED-RNA; CARPENTERIA-PECUARI; CHLORAGY

Addresses: Morgan RA, Natl Human Genome Res Inst, Bethesda, MD 20892 USA  
 Natl Human Genome Res Inst, Clin Gene Therapy Branch, Carnegie Inst Washington, Dept Embryol, Baltimore, MD 21204 USA

Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 3000 AA ROTTERDAM, NETHERLANDS

Subject Category: GENETICS & HEREDITY

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ISSN: 0276-1119

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**Title:** dsRNA-mediated gene silencing in cultured *Drosophila* cells: a tissue culture model for the analysis of RNA interference

**Author(s):** Caplen NJ, Pleener J, Fire A, Morgan RA

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**Language:** English

**Cited References: 20** **Times Cited: 52** **RELATED RECORDS**

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**Related Records — Summary**

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**Author Keywords:** post-transcriptional gene silencing

**KeyWords Plus:** DOUBLE-STRANDED RNA

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**Title:** dsRNA-mediated gene silencing in cultured *Drosophila* cells: a tissue culture model for the analysis of RNA interference

**Author(s):** Caplen NJ, Pleener J, Fire A, Morgan RA

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**Record:** Caplen NJ, dsRNA-mediated gene silencing in cultured *Drosophila* cells: a tissue culture model for the analysis of RNA interference

**E-mail address:** jgf\_fire@nrc.riken.ac.jp

**E-mail format:** Plain Text

**Expiration date:** 2004-04-26

**Addresses:** Morgan RA, NIH Human Genome Res Inst, Clin Gene Therapy Branch, NIH, Bethesda, MD 20892 USA  
NIH Human Genome Res Inst, Clin Gene Therapy branch, MH, Bethesda, 20892 USA  
Carnegie Inst Washington, Dept Embryol, Baltimore, 21210 USA

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**KeyWords Plus:** DOUBLE-STRANDED RNA

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The records below are related to this parent record  
CAPUSI N3: [dclh1-associated gene silencing in cul-1](#)  
[RNA interference](#)

Cited References: 36    References Selected: 36

3,268 results found    Go to Page: 11 of 327 36

Records 1 -- 10

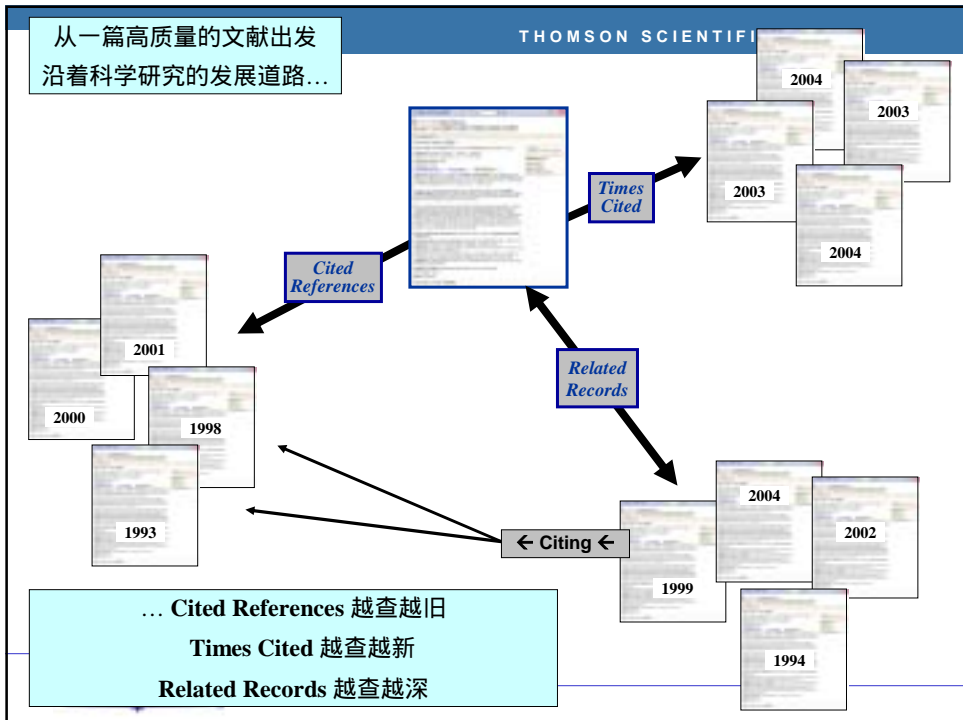
Use the checkboxes to select individual records for marking, then click Submit to add them to the Marked List.

	Cited Refs	Shared Refs	Mark:
<input type="checkbox"/> 1. Tusch T <a href="#">RNA interference and small interfering RNAs</a> CHEMBOCHEM 2 (4): 239-245 APR 2 2001	95	20	<input type="checkbox"/> Selected records <input type="checkbox"/> All records on this page Records: <input type="text"/> to <input type="text"/> <input type="button" value="Submit"/>
<input type="checkbox"/> 2. Cogoni C <a href="#">transposon-dependent gene silencing mechanisms in fungi</a> ANNUAL REVIEW OF MICROBIOLOGY 55: 381-405 2001	154	13	<input type="checkbox"/> You can print, mark, export, email, and add records after adding them to the Marked List. (The list can hold 500 records.)
<input type="checkbox"/> 3. Griekok A, Mello CC <a href="#">RNAi (Nematodes - Caenorhabditis elegans)</a> ADVANCES IN GENETICS INCORPORATING MOLECULAR GENETIC MEDICINE 46: 339-360 2002	100	13	<input type="button" value="Analyze Results"/>
<input type="checkbox"/> 4. Sijen T, Koster JM <a href="#">Post-transcriptional gene silencing: RNAs on the attack or on the defense?</a> BIOGERAYS 29 (4): 430-434 JUN 2000	111	17	<input type="checkbox"/> View rankings and histograms of the selected records, etc. for the set of records. (Up to 2,000 records at a time.)

Further understanding of the mechanism  
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Author Keywords: post-transcriptional  
KeyWords Plus: DOUBLE-STRANDED-RNA

Publisher ELSEVIER SCIENCE BV, PO BOX 211, 3300 AE AMSTERDAM, NETHERLANDS  
Subject Category: GENETICS & HEREDITY  
ISSN Number: 0378-5122

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Record 15 of 132

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KeyWords Plus: DOUBLE-STRANDED-RNA; CARMOYHARDTIS-PLUMUM; D-ELIGANS

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EndNote/ Reference Manager /ProCite / WriteNote 建立基于本地或Web的 My Library, 并应用于论文写作

ISI Web of Science  
“踩在巨人的肩膀上”

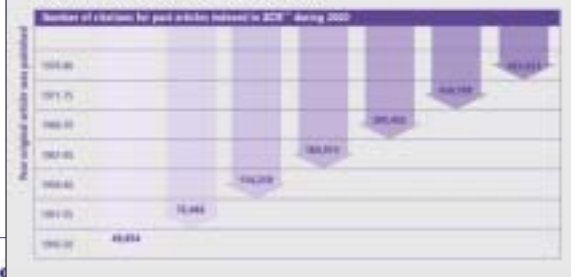
SCIENTIFIC

Research conducted decades ago is still relevant

Of the 50 most highly cited items in Web of Science...



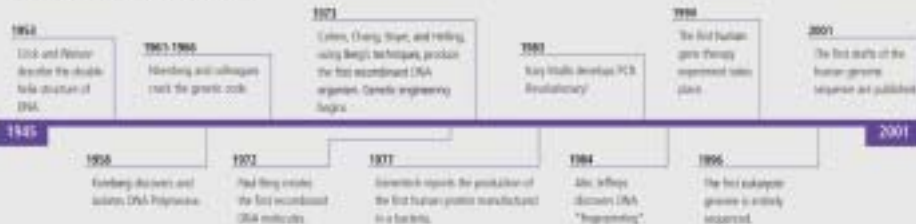
How far back do researchers cite?



## ISI Web of Science: 人类基因组研究的发展进程

Discover vital links between past and present research...captured by Web of Science backfiles

### Genetics: The 50-year revolution



## Century of Science 2005年推出 ISI Web of Science 1900-1944

"The announcement by Thomson a few hours ago, of the ISI Century of Science initiative makes that dream come true. This is one of the happiest days of my life. In 2005 I will celebrate my 80th birthday. The completion of this project is the best birthday present I could have received."

-- Dr. Eugene Garfield  
Founder and Chairman Emeritus  
Institute for Scientific Information

## ***ISI Web of Knowledge 3.0***

- *ISI Web of Science*: 内容与技术的结合提供学术期刊检索的首选
- 然而，科技创新仅仅有期刊是不够的，我们需要更全面的信息、更强大的技术、更系统的应用：
  - 会议文献、发明专利、技术报告、ePrint、学术专著等
  - 跨库检索重点学科领域的重要资源
  - 深入的主题标引与检索
  - 学术信息的分析性资源和研究工具
  - 个性化服务
- 我们需要整合的数字研究环境，推动知识的发现

## ***ISI Web of Science 在中国***

- 北京大学
- 北京航空航天大学
- 北京师范大学
- 北京工业大学
- 东南大学
- 吉林大学
- 暨南大学
- 复旦大学
- 华东师范大学
- 华南理工大学
- 华侨大学
- 南开大学
- 南京大学
- 南京师范大学
- 内蒙古大学
- 清华大学
- 上海交通大学
- 石油大学(北京)
- 天津大学
- 武汉大学
- 武汉理工大学
- 西安交通大学
- 西北工业大学
- 厦门大学
- 湛江海洋大学
- 浙江大学
- 浙江工业大学
- 中国科技大学
- 中山大学



# 整合的数字研究环境

ISI Web of  
**KNOWLEDGE**<sup>SM</sup>

*Transforming Research*

期刊

技术报告

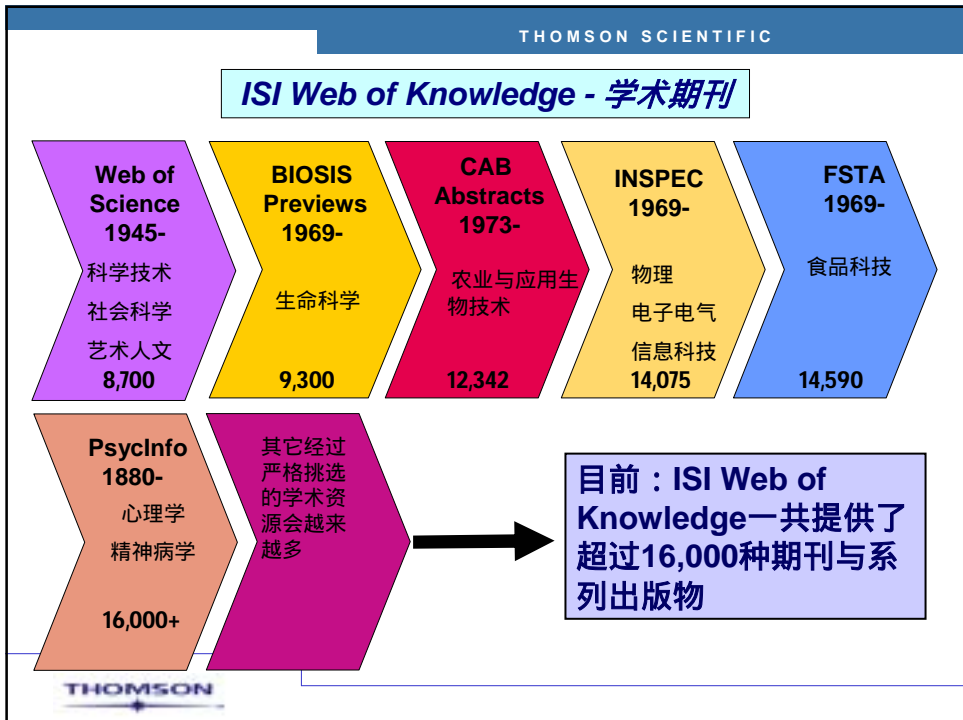
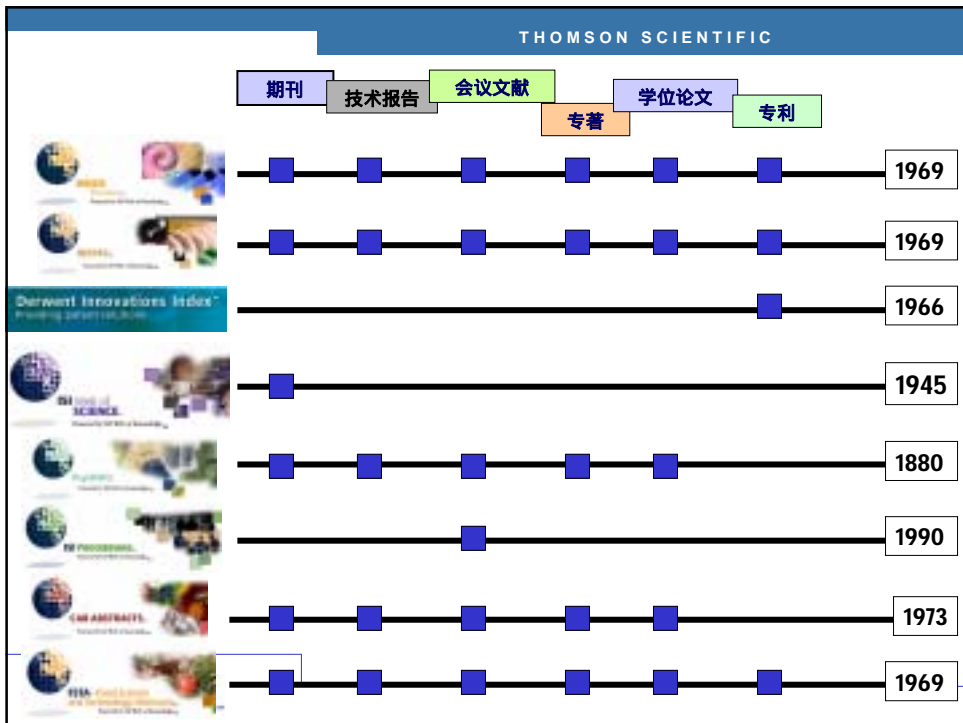
会议文献

学位论文

专著

专利

	—— <b>生命科学</b> ——	1969
	—— <b>物理/电子电气/信息科技</b> ——	1969
	—— <b>1200万基本专利 - 化学/生化/电子电气/工程技术</b> ——	1966
	—— <b>所有领域 - 科学/技术/社会科学/艺术人文</b> ——	1945
	—— <b>心理学与精神病学</b> ——	1880
	—— <b>所有领域 -- 科学/技术/社会科学/人文</b> ——	1990
	—— <b>农业/应用生物科技</b> ——	1973
	—— <b>食品科技</b> ——	1969



## ISI Web of Knowledge - 内容

- 8,700多种多学科、高影响、国际性、权威性的学术期刊
- 超过16,000种学术期刊
- 1千1百多万件基本发明专利情报
- 每年1万两千多种学术会议录
- 1840年以来的化学结构与反应信息（1993年以来的化合物信息）
- 多达4千多万件专利全文及连接
- 独有的科研分析资源和信息分析工具：JCR, ESI, RefViz, Derwent Analytics,
- 4500个严格评估的学科网站标引与导航，超过45万篇网站文献
- 全球高引用科学家专家库: ISIHIGHLYCITED.COM
- 强大的信息管理与写作工具：EndNote, Reference Manager, ProCite, WriteNote



## ISI Web of Knowledge - 跨库检索

The screenshot shows the ISI Web of Knowledge search interface. A dropdown menu is open over the search bar, listing various databases such as CrossSearch - Patents, CrossSearch - Concept, ISI Web of Science, ISI Current Contents Connect, ISI Proceedings, ISI Patent Full-Text Index, BIOSIS Previews, CAB ABSTRACTS, and ISI Journal Citation Reports. Below the search bar, there is a section titled 'Web of Science' with a list of databases including Science Citation Index, Social Scisearch Citation Index, and ISI Proceedings. Another section lists 'Important Journals' like ISI Proceedings, ISI Previews, CAB Abstracts, and ISI Previews. A sidebar on the right shows a user profile for 'John D. Professor' with sections for 'My Saved Searches', 'My Alerts', and 'My Journal List'. Three red boxes highlight these areas, with labels: '跨库检索多种资源' (Cross-database search of multiple resources) pointing to the search dropdown, '多种重要的学术信息资源' (Multiple important academic information resources) pointing to the 'Web of Science' section, and '个性化服务' (Personalized service) pointing to the user profile sidebar.

The screenshot shows the ISI Web of Knowledge CrossSearch interface. At the top, there is a navigation bar with 'Products & Features' and 'ISI'. Below this, the 'ISI CrossSearch' header is visible. A blue box with the text '保存跨库检索策略' (Save cross-database search strategy) points to the 'SEARCH' and 'CLEAR' buttons. The main search area contains several input fields: 'TOPIC', 'AUTHOR/INVENTOR', 'SOURCE TITLE', and 'ADDRESS', each with a 'SEARCH' and 'CLEAR' button. To the right, there is a 'Timespan' section with radio button options for 'Latest (current) week', 'Latest 2 weeks', 'Latest 4 weeks', 'Year to date', 'Latest 5 years', and 'All years'. At the bottom, a section titled 'Products to Search' lists 6 products, with a blue box and the text '选择跨库检索的数据库' (Select cross-database search database) pointing to the 'CHANGE PRODUCTS TO SEARCH' button.

The screenshot shows the 'Select Products to Search' dialog box in the ISI Web of Knowledge interface. A blue box with the text '基于Web of Knowledge平台上开通的数据库' (Database opened on the Web of Knowledge platform) points to the 'Select All' button. The dialog box is divided into two main sections: 'ISI Web of Knowledge Products' and 'External Collections'. The 'ISI Web of Knowledge Products' section lists various databases such as Science Citation Index Expanded (SCI-EXPANDED), Social Sciences Citation Index (SSCI), Arts & Humanities Citation Index (A&HCI), ISI Current Contents, ISI Proceedings, ISI PreSight, MEDLINE, and CRB ABSTRACTS. The 'External Collections' section lists various external sources like MAA Meeting Papers, arXiv.org, and National Technical Information Service. A blue box with the text '基于Internet的免费的学术信息数据库' (Free academic information database based on the Internet) points to the 'Select All' button in the 'External Collections' section.

## ISI Web of Knowledge 跨库检索外部信息资源

- 农业科学领域文摘数据库 Agricola
- 生物与医学领域文摘数据库 Pubmed
- 循证医学领域文摘数据库 The Cochrane Library
- 美国宇航局会议论文摘要数据库 AIAA Meeting Papers
- 计算机科学全文数据库 arXiv.org Computer Science e-Print archive
- 数学全文数据库 arXiv.org Mathematics e-Print archive
- 非线性科学全文数据库 arXiv.org Nonlinear Sciences e-Print archive
- 物理学全文数据库 arXiv.org Physics e-Print archive
- 土木建筑工程文摘数据库 Civil Engineering Database
- 航空航天领域文摘全文数据库 NASA Astrophysics Data System
- 美国政府研究报告文摘数据库 National Technical Information Service Product Search
- 教育学领域文摘全文数据库 AskEric
- 人口普查与计划生育文摘数据库 Popline

The screenshot shows the ISI Web of Knowledge search results interface. At the top, there is a search bar and navigation options. Below the search bar, the results are displayed as a list of articles. Each article entry includes the title, authors, and a row of database icons (e.g., Web of Science, Crossref, ISI/Inspec, etc.). A red box highlights the 'Web of Science' icon for the first article. To the right of the main results, there is a 'Marked List' sidebar with a 'SUBMIT MARKS' button circled in red. A text box with a light blue background and black border is overlaid on the screenshot, containing the text: '去重并组织检索结果，而不是取消某一个库的结果'.



The screenshot shows the ISI CrossSearch interface. A red box highlights the 'External/Other Sites Results' section. Below it, search results are listed for 'Civil Engineering Database' and 'Agricola'. A red arrow points from the first result in the list to a detailed view of the paper 'Effect of Reservoir Hedging on Crop Yield Under Deficit Irrigation Conditions' by Anand T. Sarkar and K. Subraman.

ISI Web of Knowledge - 个性化服务Live Now!

The screenshot displays the ISI Web of Knowledge homepage. Several callout boxes highlight personalized services:
 

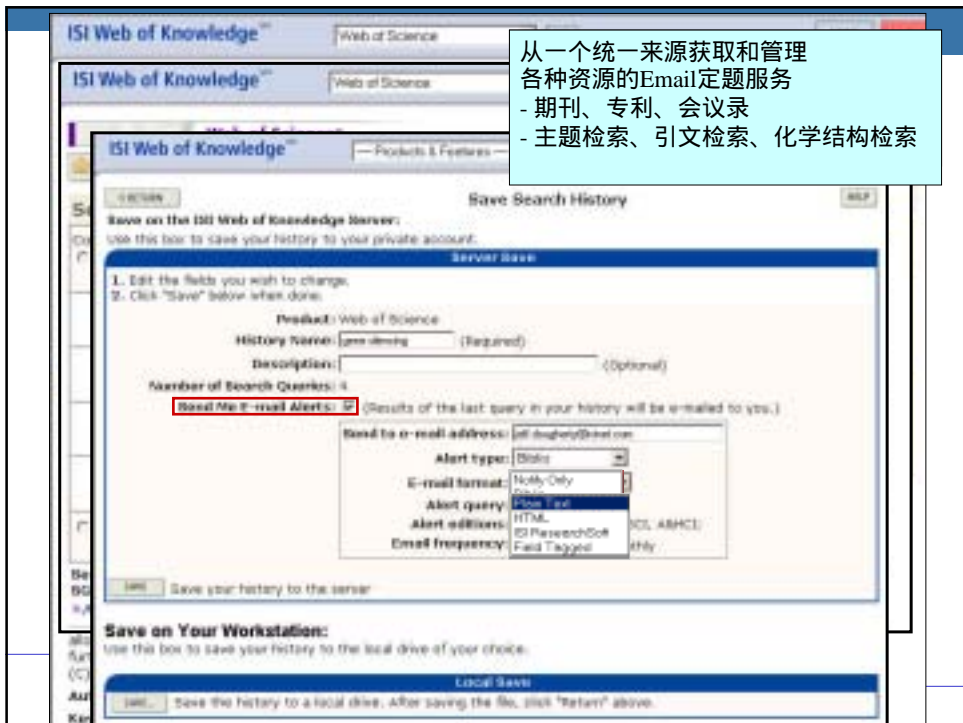
- '定制首页' (Customized Homepage) points to the user's name 'David' in the 'Welcome, David!' section.
- '管理自己的检索历史和定题Email Alerting服务' (Manage your search history and subject email alerting services) points to the 'My Recent Searches' list.
- '管理我最喜爱的期刊和目录Email Alerting服务' (Manage my favorite journals and subject email alerting services) points to the 'My Journal List' section.
- 'EndNote/WriteNote: 建立My Library' (EndNote/WriteNote: Build My Library) points to the 'My Library' section.

## 1. 编辑个人信息和定制我的首选数据库



## 2. 统一管理各个数据库的检索历史和定题服务





## 4. 建立My Library (WriteNote/EndNote基于Web/桌面)

The screenshot shows a Microsoft Internet Explorer browser window displaying the Thomson Scientific WriteNote interface. The browser's address bar is highlighted with a red box. The WriteNote interface shows a search result for a journal article. On the right side, there are two light blue callout boxes with text:

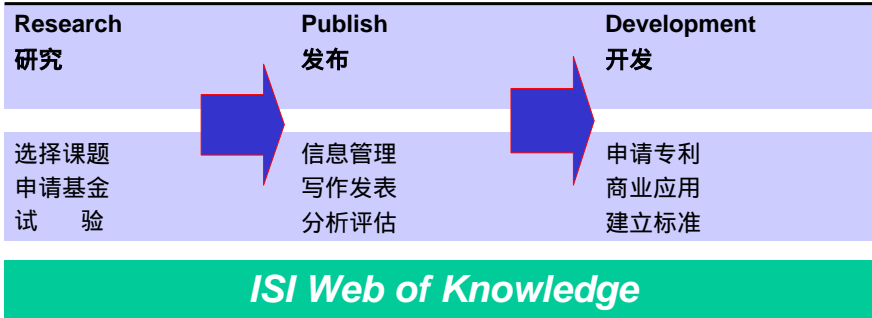
note - IE 工具条 :  
library  
biblio 抓取书目信息  
Jrces图书馆推荐资源  
做笔记

- IE 工具条 :  
夹  
考文献  
究中信息管理教程

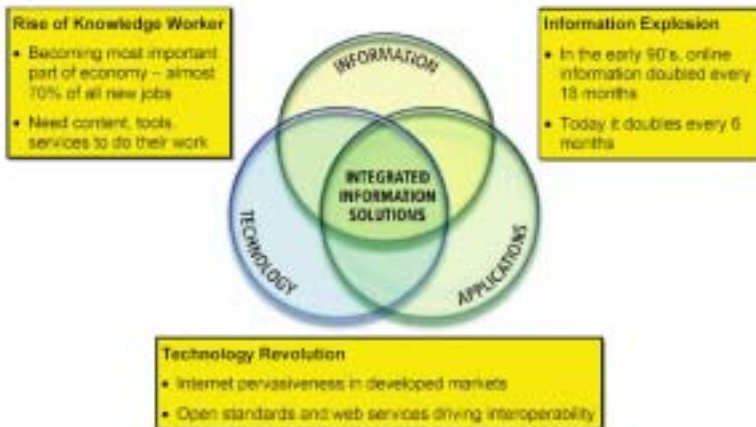
## ISI Web of Knowledge: 提供以知识为基础的导航与连接

- E-Journal全文
- E-Patent 全文
- 与图书馆OPAC系统的连接
- 与文献传递服务和联合编目的连接
- 引文信息的双向连接
  - 期刊文献之间
  - 期刊文献与会议录文献
  - 期刊文献与专利文献
- 科学计量学分析信息
  - JCR 期刊引证报告
  - ISI Essential Science Indicators 基本科学指标
- 生物信息资源(GenBank) / PubMed
- 高引用科学家传略/研究信息
- 双向OpenURL资源调度

## ISI Web of Knowledge – Integrated Innovation

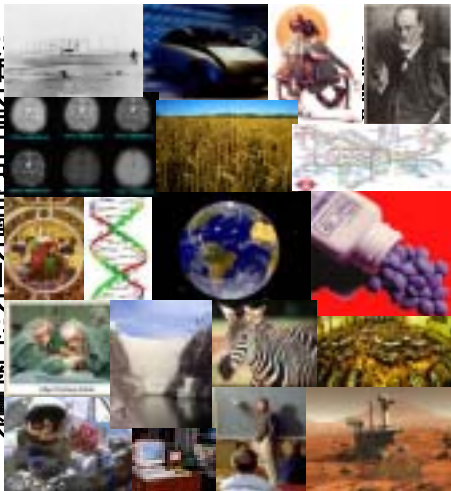


## ISI Web of Knowledge: Integrated Innovation



# ISI Web of Knowledge与中国高校共同发展

北京航空航天大学  
理工大学  
大连理工大学  
军医大学  
程中  
大南  
电大大  
学学  
大南  
华天  
学学  
安仲



业大学  
工学  
古南  
京师  
技大大  
洋大大  
学学  
南南  
原大大  
理理  
工工  
大大  
厦厦  
门门  
大大  
学学  
浙浙  
江江  
工工  
业业  
大大

**谢谢！**

**今天-16:00-17:30, 第三分会场 (图书馆普罗明特厅),  
ISI 用户座谈咨询**

**今天-19:00-20:00, 第二培训教室 (图书馆503室)  
ISI 上机培训**

**提供培训材料光盘：ISI重要数据库培训PPT文件/使用指南  
(中文版)**

