

# การใช้งานฐานข้อมูล SpringerLink

โดย จิรวัดน์ พรหมพร

[jirawat@book.co.th](mailto:jirawat@book.co.th)

แผนกฝึกอบรมฐานข้อมูล

บริษัท บুক โปรโมชัน แอนด์ เซอร์วิส จำกัด

โครงการพัฒนาเครือข่ายระบบห้องสมุดในประเทศไทย (ThaiLIS)

## รายละเอียดฐานข้อมูล

เป็นสำนักพิมพ์ชั้นนำที่ให้บริการเนื้อหาในสาขาวิชาหลักๆ ทางด้านวิทยาศาสตร์ เทคโนโลยี และทางการแพทย์ รวมถึงสาขาทางสังคมศาสตร์และมนุษยศาสตร์ อาทิเช่น Behavioral Science, Computer Science, Biomedical and Life Science, Business and Economics, Mathematics and Statistics, Chemistry and Materials Science, Medicine, Chinese Library of Science, Russian Library of Science, Humanities, Social Science and Law, Physics and Astronomy, Earth and Environmental Sciences, Engineering โดยมีเนื้อหาครอบคลุมสิ่งพิมพ์ประเภทหนังสือ วารสาร เป็นต้น

## วิธีการสืบค้น

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All (3,865,890)  
Publications (28,321)  
**Journals (2,033) 1**  
Book Series (931)  
Books (25,358)  
Reference Works (119)

**Featured library**

Chinese Library of Science (35,333)  
Russian Library of Science (468,200)

**Subject Collection**

Architecture and Design (1,257)  
Behavioral Science (61,085)  
Biomedical and Life Sciences (793,944)  
Business and Economics (97,813)  
Chemistry and Materials Science (515,072)  
Computer Science (285,745)  
Earth and Environmental Science (172,962)  
Engineering (158,544)  
Humanities, Social Sciences and Law (171,429)  
Mathematics and Statistics (258,090)  
Medicine (682,708)  
Physics and Astronomy (433,048)  
Professional Computing and Web Design (5,345)

**1. เลือกการไล่เรียงตามประเภทสิ่งพิมพ์ เช่น Journals ในช่อง Content type**

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All Journals

REMOVE Content Type > Journals

**Expanded View** Condensed View

2,033 Journals First | **1-10** | 11-20 | 21-30 | 31-40 | 41-50 | Next

Access to all content  Access to some content  Access to no content

1. Journal Add to marked items  
**4OR: A Quarterly Journal of Operations Research**  
 Publisher Springer Berlin / Heidelberg  
 ISSN 1619-4500 (Print) 1614-2411 (Online)  
 Subject Collection Business and Economics  
 Subject Business and Economics, Economics/Management Science, Operation Research/Decision Theory, Optimization and Industrial and Production Engineering

2. Journal Add to marked items  
**The AAPS Journal**  
 Publisher Springer New York  
 ISSN 1550-7416  
 Subject Biomedical and Life Sciences

3. Journal Add to marked items  
**AAPS PharmSciTech**  
 Publisher Springer New York  
 ISSN 1530-9932  
 Subject Collection Biomedical and Life Sciences  
 Subject Biomedicine and Pharmacology/Toxicology

**Find** more options

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- Within all content
- Within these results

**Starts With**

a b c d e f g **2** h i j k l m n o  
 p q r s t u v w x y z space more

**SpringerLink Date**

- In the last two weeks (3)
- In the last month (14)
- In the last six months (131)
- In the last year (164)

**Language**

- English (1,950)
- French (1)
- German (82)

**Subject**

- Medicine (333)

**2. เลือกค้นหาชื่อสิ่งพิมพ์ เช่น ชื่อวารสารจากช่อง Starts With โดยคลิกตัวอักษรตามอักษรลำดับแรกของชื่อสิ่งพิมพ์ หรือคลิกที่อักษรลำดับที่ 2, 3... ของชื่อสิ่งพิมพ์ต่อไป**  
**3. แสดงสถานะการบอกว่าสิ่งพิมพ์ชื่อใดบ้างที่บอกรับและสามารถเข้าดู Full Text**

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REMOVE Content Type > Journals

**Expanded View** Condensed View



130 Journals

First | **1-10** | 11-20 | 21-30 | 31-40 | 41-50 | Next

Access to all content  Access to some content  Access to no content

1. Journal Add to marked items

Machine Learning	
Publisher	Springer Netherlands
ISSN	0885-6125 (Print) 1573-0565 (Online)
Subject Collection	Computer Science
Subject	Computer Science, Engineering, Artificial Intelligence (incl. Robotics), Automation and Robotics, Computing Methodologies, Simulation and Modeling and Language Translation and Linguistics

2. Journal Add to marked items

Machine Translation	
Publisher	Springer Netherlands
ISSN	0922-6567 (Print) 1573-0573 (Online)
Subject Collection	Humanities, Social Sciences and Law
Subject	Computer Science, Humanities, Social Sciences and Law, Linguistics, Computational Linguistics, Language Translation and Linguistics and Artificial Intelligence (incl. Robotics)

3. Journal Add to marked items

Machine Vision and Applications	
Publisher	Springer Berlin / Heidelberg
ISSN	0932-8092 (Print) 1432-1769 (Online)
Subject Collection	Computer Science
Subject	Computer Science, Engineering, Pattern Recognition, Image Processing and Computer Vision and

**Find** more options

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- Within all content
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**Starts With** 130 Results

m| 4

a b c d e f g h i j k l m n o  
p q r s t u v w x y z space  
more

**SpringerLink Date**

- In the last month (2)
- In the last six months (7)
- In the last year (9)

**Language**

- English (122)
- German (8)

**Subject**

- Biomedical and Life Sciences (30)
- Life Sciences (18)
- Russian Library of Science (17)
- Medicine (16)
- Chemistry and Materials Science (16)
- Medicine & Public Health (16)

**4. หรือ พิมพ์ค่าบางส่วนของชื่อสิ่งพิมพ์ในช่อง Starts With และคลิกปุ่ม Go**

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**Expanded View** Condensed View

2,033 Journals

First | **1-10** | 11-20 | 21-30 | 31-40 | 41-50 | Next Access to all content  Access to some content  Access to no content 1. Journal **4OR: A Quarterly Journal of Operations Research** Add to marked items

Publisher	Springer Berlin / Heidelberg
ISSN	1619-4500 (Print) 1614-2411 (Online)
Subject Collection	Business and Economics
Subject	Business and Economics, Economics/Management Science, Operation Research/Decision Theory, Optimization and Industrial and Production Engineering

 2. Journal **The AAPS Journal** Add to marked items

Publisher	Springer New York
ISSN	1550-7416
Subject	Biomedical and Life Sciences

 3. Journal **AAPS PharmSciTech** Add to marked items

Publisher	Springer New York
ISSN	1530-9932
Subject Collection	Biomedical and Life Sciences
Subject	Biomedicine and Pharmacology/Toxicology

Find more options

 **5** ... Go

- Within all content  
 Within these results

**Starts With** Goa b c d e f g h i j k l m n o  
p q r s t u v w x y z space  
more**SpringerLink Date**

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In the last month (14)  
In the last six months (131)  
In the last year (164)

**Language**

- English (1,950)  
French (1)  
German (82)

**Subject**

Medicine (333)

**5. หรือ พิมพ์คำค้นในช่อง Find และคลิกที่ Within these results เพื่อจำกัดผลการสืบค้นให้แคบลง และคลิก Go**

**6. คลิกเลือกชื่อสิ่งพิมพ์ที่ต้องการ**

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Quantitative **Marketing** and Economics

Publisher	Springer Netherlands
ISSN	1570-7156 (Print) 1573-711X (Online)
Subject Collection	Business and Economics
Subject	Business and Economics, Economics/Management Science, <b>Marketing</b> , Economic Theory and Statistics for Business/Economics/Mathematical Finance/Insurance
SpringerLink Date	Friday, August 27, 2004

**Add to marked items**

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**Editorial View**

Expanded List View

Condensed List View

6 Volumes

 Access to all content  Access to some content  Access to no content Online First™ (5)

## Volume 6

 **Number 1 / March, 2008**

1-107

## Volume 5

 Number 4 / December, 2007

333-453

 Number 3 / September, 2007

211-331

 Number 2 / June, 2007

99-210

**Find****more options** ... 

- Within all content
- Within this journal

**Starts With** a b c d e f g h i j k l m n o  
p q r s t u v w x y z space  
more**Content Status**Online First™ (5)  
In Publication (80)**SpringerLink Date**In the last six months (7)  
In the last year (21)**Copyright**



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Volume 6, Number 1 / March, 2008

Journal	Quantitative Marketing and Economics
Publisher	Springer Netherlands
ISSN	1570-7156 (Print) 1573-711X (Online)
Pages	1-107
Subject Collection	Business and Economics
SpringerLink Date	Sunday, January 20, 2008

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Condensed List View

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4 Articles

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**Competitive product lines with quality constraints** 1-16

PDF (344.0 KB) HTML Permissions & Reprints

DOI	10.1007/s11129-007-9021-9
Authors	Udo Schmidt-Mohr and J. Miguel Villas-Boas
Subject Collection	Business and Economics

A model of the effect of affect on economic decision making 17-40

PDF (490.9 KB) HTML Permissions & Reprints

DOI	10.1007/s11129-007-9032-6
Authors	Benjamin E. Hermalin and Alice M. Isen
Subject Collection	Business and Economics

**Find** more options

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**Starts With**

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more

**SpringerLink Date**

In the last six months (3)

In the last year (4)

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Online Journals

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- Journals (2,033)
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**Featured library**

- Chinese Library of Science (35,333)
- Russian Library of Science (468,200)

**Subject Collection**

- Architecture and Design (1,257)
- Behavioral Science (61,085)
- Biomedical and Life Sciences (793,944)
- Business and Economics (97,813)
- Chemistry and Materials Science (515,072)
- Computer Science (285,745)**
- Earth and Environmental Science (172,962)
- Engineering (158,544)
- Humanities, Social Sciences and Law (171,429)
- Mathematics and Statistics (258,090)
- Medicine (682,708)
- Physics and Astronomy (433,048)
- Professional Computing and Web Design (5,345)

**Browse**

**สามารถเลือกไล่เรียงตามหัวเรื่องที่ต้องการในช่อง Subject**

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Summary (su)	Or
Author (au)	Not
ISSN (issn)	(
ISBN (isbn)	)
DOI (doi)	* (wildcard)
	"" (exact)

### Collection

Earth and Environmental Science (172,962)  
Engineering (158,544)  
Humanities, Social Sciences and Law (171,429)  
Mathematics and Statistics (258,090)  
Medicine (682,708)  
Physics and Astronomy (433,048)  
Professional Computing and Web Design (5,345)

### Featured library

Chinese Library of Science (35,333)  
Russian Library of Science (468,200)

Search

1. พิมพ์คำค้น

2. เพิ่มทางเลือกในการจำกัดการสืบค้น

3. คลิก Go

4. คลิก more options เพื่อเพิ่มทางเลือกในการสืบค้นขั้นสูง

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Title	<input type="text"/>
Summary	<input type="text"/>
Author	<input type="text"/>
Editor	<input type="text"/>
ISSN	<input type="text"/>
ISBN	<input type="text"/>
DOI	<input type="text"/>
Dates	<input checked="" type="radio"/> Entire range of publication dates <input type="radio"/> Publication dates between <input type="text"/> and <input type="text"/> (MM/DD/YYYY)
Order by	<input checked="" type="radio"/> Relevancy <input type="radio"/> Publication date (most recent first)
<input type="button" value="Find"/>	

ใช้สำหรับการเพิ่มทางเลือกในการกำหนดขอบเขตการสืบค้นในชั้นสูง  
เช่น กำหนดปีพิมพ์ จากนั้นคลิกปุ่ม Find

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All

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REMOVE Search For (All words) > nanotechnology

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29,358 Results **1**

First | **1-10** | 11-20 | 21-30 | 31-40 | 41-50 | Next

Access to all content  Access to some content  Access to no content

1. Book Chapter Confocal Scanning Optical Microscopy and **Nanotechnology** Add to marked items

PDF (345.0 KB)

DOI 10.1007/1-4020-8006-9\_1

Book Handbook of Microscopy for **Nanotechnology**

Part I.

Author Peter Lu

Subject Collection Chemistry and Materials Science

2. Journal Article Editorial – Governing **Nanotechnology** **2**: More than a Small Matter? Add to marked items

PDF (73.4 KB) HTML Permissions & Reprints

Category Original Paper

DOI 10.1007/s11569-007-0020-9

Journal NanoEthics

Issue Volume 1, Number 3 / December, 2007

Authors Diana M. Bowman and Graeme A. Hodge

Subject Collection Humanities, Social Sciences and Law

3. Journal Article Broader Societal Issues of **Nanotechnology** Add to marked items

...increased coherence in knowledge, technology, and education. The main reason for developing **nanotechnology** is to advance broad societal goals such as improved comprehension of nature...

PDF (204.4 KB) Permissions & Reprints

DOI 10.1023/A:1025548512438

Journal Journal of Nanoparticle Research

Issue Volume 5, Numbers 3-4 / August, 2003

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nanotechnology ... Go

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- Within these results

**Starts With**

Go

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p q r s t u v w x y z space  
more

**Content Status**

Online First™ (745)

In Publication (28,613)

**SpringerLink Date**

Today (26)

In the last week (122)

In the last two weeks (200)

In the last month (382)

In the last six months (2,842)

In the last year (7,443)

**Content Type**

Books (197)

Book Chapters (2,954)

Book Series (1)

Journal Articles (26,012)

Journals (15)

Protocols (58)

Reference Work Entries (121)

**1. จำนวนรายการผลลัพธ์ที่พบทั้งหมด**

**2. คลิกที่ชื่อเรื่องเพื่อเข้าดูข้อมูลภายในเอกสารนั้น**

**3. แสดงสถานะการบอกรับ Full Text สีเขียวคือมีสิทธิเข้าถึง Full Text**

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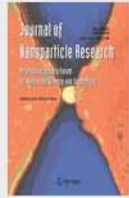
Order History

### Saved Items

All

Favorites

Back to: All Search Results  
Journal Article



Expert opinion on **nanotechnology**: risks, benefits, and regulation

Journal	Journal of Nanoparticle Research
Publisher	Springer Netherlands
ISSN	1388-0764 (Print) 1572-896X (Online)
Issue	Volume 10, Number 4 / April, 2008
Category	Perspectives
DOI	10.1007/s11051-007-9323-6
Pages	549-558
Subject Collection	Chemistry and Materials Science
SpringerLink Date	Friday, November 09, 2007

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John C. Besley<sup>1</sup>

- (1) School of Journalism and Mass Communications, University of South Carolina, Columbia, SC 29208, USA
- (2) Hank Greenspun School of Journalism and Media Studies, University of Nevada, Las Vegas, NV, USA

Received: 23 March 2007 Accepted: 16 October 2007 Published online: 8 November 2007

**Abstract** A survey of American (US) **nanotechnology** researchers ( $N = 177$ ) suggests a diversity of views about what areas are most important to the burgeoning field, as well as perceptions about the overall benefits and risks of such research. On average, respondents saw a range of technologies as key and viewed public health and environmental issues as areas where both risks and the need for regulation are greatest. These areas were also where respondents said current regulations were least adequate. Factor analyses of the survey questions suggest that, when considering both risks and regulations, respondents make a distinction between health and environmental risks, and what might be termed "social risks" (e.g., invasion of privacy, use of **nanotechnology** in weapons, and economic impacts).

**Keywords** **Nanotechnology** - Expert - Opinion - Survey - Risk - Societal implications

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## Introduction to Paper by R. G. Jost, M.D., et al, "PACS Experience as a Motivation for a Campus-wide Picture Network"

R. Gilbert Jost, M.D.

**I**T IS INTERESTING and somewhat nostalgic for me to re-read this paper, written over 15 years ago, which captured our view of the future of picture archiving and communications systems (PACS). Many of our assumptions were pretty much on target. The campus-wide picture network described here assumed what was then a rather heretical notion that centralized computing would give way to distributed systems, that computer terminals would routinely be replaced by workstations,

routine transmission of digital images was to be realized using CATV networks.

The scale of the problem was perceived to be different then. Note that the average number of images per magnetic resonance imaging (MRI) study in 1985 was 24, with just over 2,000 MRI exams performed per year. Also, at that time a 1024 x 1024 image display system was an expensive commodity and efforts were made to "time share" the system among several users.

Many of us assumed that PACS develop-

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# nanotechnology risks, benefits, and regulation

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Received: 23 March 2007 Accepted: 16 October 2007 Published online: 8 November 2007

**Abstract** A survey of American (US) nanotechnology researchers ( $N = 177$ ) suggests a diversity of views about what areas are most important to the burgeoning field, as well as perceptions about the overall benefits and risks of such research. On average, respondents saw a range of technologies as key and viewed public health and environmental issues as areas where both risks and the need for regulation are greatest. These areas were also where respondents said current regulations were least adequate. Factor analyses of the survey questions suggest that, when considering both risks and regulations, respondents make a distinction between health and environmental risks, and what might be termed “social risks” (e.g., invasion of privacy, use of nanotechnology in weapons, and economic impacts).

**Keywords** Nanotechnology - Expert - Opinion - Survey - Risk - Societal implications

## Introduction

Social scientists have begun to study what—if anything—regular citizens think about nanotechnology (Barnett et al. 2006), but these researchers have focused



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