

(대한의학학술지편집인협회)  
제2회 의학학술지 편집인 아카데미  
2009년 2월 12일

## **[해외 편집인 활동] 학술지 국제화**

대한의학학술지편집인협회 국제위원장  
Basic & Applied Pathology 편집위원장  
아시아태평양의학학술지편집인협회 사무총장  
서울의대 병리학 교수 서정욱

# 순서

- **학술지 국제화가 필요한 이유**
- **학술지 현황 분석**
- **영문 편지**
- **심사위원 위촉**
- **전자 투고 프로그램**
- **출판 이후의 업무**
- **학술지 발행의 국제화와 경제적 어려움**

# 학술지 국제화가 필요한 이유

- Academic journal: peer reviewed periodical
  - Scientific journal
  - Journal of the quantitative social sciences
- Professional magazine, 논문집, 동인지
- 국내학술지, 국외학술지
  - Official publication of ##### society
  - National/domestic journals
  - Regional journals
  - Foreign journals
- International journals 국제학술지
  - Authors, editors, readers (accessed, indexed)
  - Publisher? Printer?



## Web of Science® coverage expanded 700 NEW REGIONAL JOURNALS

199 from ASIA PACIFIC  
364 from the EUROPEAN UNION  
80 from LATIN AMERICA  
50 from the MIDDLE EAST and AFRICA  
7 from NORTH AMERICA

### The Selection Process

Although selection criteria for a regional journal are fundamentally the same as for an international journal, the importance of the regional journal is measured in terms of the specificity of its content rather than in its citation impact.

### The Impact of Integrating the New Journals

This extended coverage can be used to focus on topics important to certain regions. The complete integration of these new journals builds a bridge between significant regional studies and the global research community — increasing the visibility of topics of regional concern and enhancing the comprehensiveness and reach of *ISI Web of Knowledge*.

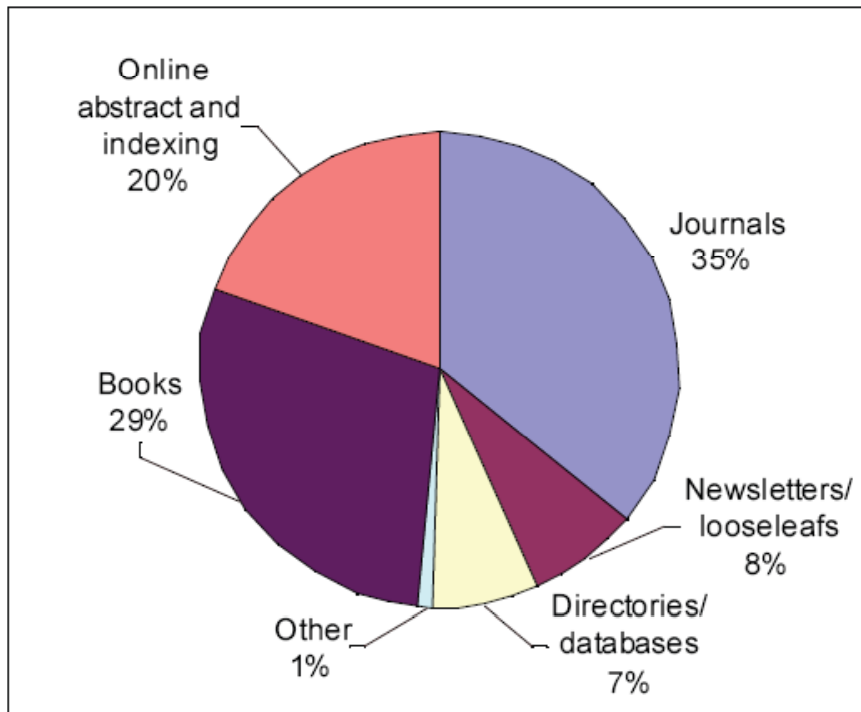


Figure 3. STM publishing market breakdown by delivery format, 2006

Source: Simba Information (2007)

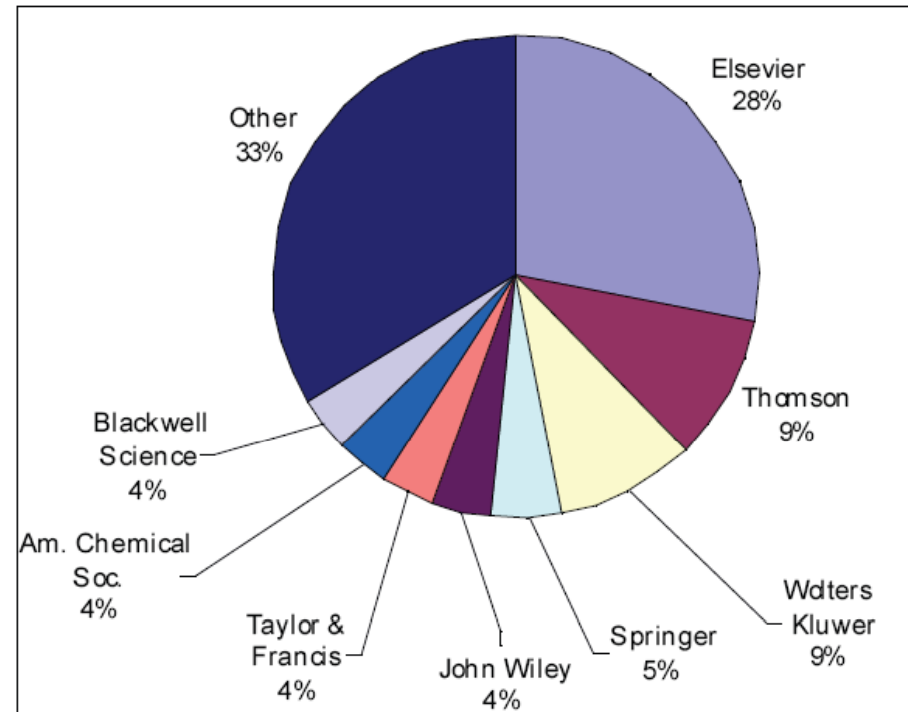


Figure 2. Global market shares in STM publishing, 2003

Source: Powell (2004)

**Table 3. Summary of 12 included digital archiving initiatives**


<b>Name</b>		<b>Start year</b>	<b>Type of entity</b>	<b>Principal access mechanism</b>	<b>Designated users</b>
CISTI Csi	(CSI)	2000	National science library	Current online (partners)	Partners
CLOCKSS <sup>29</sup> (Controlled LOCKSS)	(CL)	2006	Limited membership/subscription	Trigger or audit	Available to everyone after a trigger event
KB e-Depot <sup>30</sup>	(KB)	1996	National library	Trigger or audit (plus on-site), may provide online access (open) to open-access content	Everyone in The Netherlands (since 1996) and beyond (since 2002)
Kopal/DDB	(KOP)	2004	National library	Trigger or audit (plus on-site), moving wall planned	Patrons of the Deutsche National Bibliothek and the Goettingen State and University Library
LANL-RL	(LANL)	1995	Government/limited subscription	Current online, plus on-site to the general public	LANL staff and subscriber staff
LOCKSS (Lots of Copies Keep Stuff Safe) Alliance	(LA)	2005	Open membership	Trigger or audit	Local users served by library maintaining LOCKSS box
NLA PANDORA	(NLA)	1996	National library	Current online (open)	Australians and anyone with a research interest in Australia
Online Computer Library Center (OCLC) ECO	(ECO)	1997	Open membership/subscription	Current online	Subscribers to the ECO collections
OhioLINK EJC	(EJC)	1998	Limited consortium	Current online	Supporting members of the Ohio higher education community
Ontario Scholars Portal	(OSP)	2001	Consortium	Current online (members) based on what they have licensed or purchased	Institutional members of the Ontario Council of University Libraries
Portico	(PORT)	2005	Open membership/subscription	Trigger or audit	Members, at least initially
PubMed Central	(PMC)	2000	National medical library	Current online (open) and moving wall	Users of the National Library of Medicine in the USA and beyond

Source: Kenney *et al* (2006)

# 학술지 현황 분석

- **Aims and Scope**
- **Rationale**
- **Subject keywords**
- **Key personnel**
- **Sample contents of the first issue**
- **Society and conference affiliations**
- **Existing competitors**
- **The mix of papers**
- **Readership and market**
- **Marketing opportunities**
- **Other key features**

# SCI 학술지가 아니어도 IF는 계산 가능

ISI Web of Knowledge<sup>SM</sup> *Take the next step* 


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


Search | **Cited Reference Search** | Advanced Search | Search History | Marked List (0)

**Web of Science®**

**Cited Reference Search.** Find the articles that cite a person's work

**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(s):   
*Example: 1943 or 1943-1945*

CITED REFERENCE INDEX

References: **1 - 5 of 5** Page  of 1

Select	Cited Author	Cited Work [SHOW EXPANDED TITLES]	Year	Volume	Page	Article ID	Citing Articles **
<input checked="" type="checkbox"/>	CHANG HJ	KOREAN J PATHOL	2006	40	193		1
<input checked="" type="checkbox"/>	CHO MYE	KOREAN J PATHOL	2006	40	128		1
<input checked="" type="checkbox"/>	CHUNG HJ	KOREAN J PATHOL	2006	40	439		1
<input checked="" type="checkbox"/>	ISMAIL IA	KOREAN J PATHOL	2006	40	339		1
<input checked="" type="checkbox"/>	PARK MI	KOREAN J PATHOL	2006	40	86		2



# Korean Journal of Parasitology

발행연도 \ 인용연도	2000	2001	2002	2003	2004	2005	2006
인용연도	43	39	31	36	29	25	53
2000	2						
2001	8	1					
2002	17	8	1				
2003	13	23	6	3			
2004	15	20	5	24	1		
2005	14	23	13	46	13	2	
2006	14	25	15	43	12	11	1
2007	26	26	15	66	23	17	20
2008	5	15	6	16	9	11	17

연도별 Korean J Parasitol 게재 종설과 원저 논문 편수

$$\text{SCI 2002} = (17+8)/(43+39) = 0.304$$

$$\text{SCI 2003} = (23+6)/(39+31) = 0.414$$

$$\text{SCI 2004} = (5+24)/(31+36) = 0.432$$

$$\text{SCI 2005} = (46+13)/(36+29) = 0.907$$

$$\text{SCI 2006} = (12+11)/(29+25) = 0.425$$

$$\text{SCI 2007} = (17+20)/(25+53) = 0.474$$

$$\text{SCI 2008} = (17+?)/(53+46) = ??$$

발행연도 \ 인용연도	2000	2001	2002	2003	2004	2005	2006
인용연도	43	39	31	36	29	25	53
2000	3						
2001	24	9					
2002	9	11	1				
2003	17	7	5	3			
2004	11	4	8	7	2		
2005	6	7	7	11	1	3	
2006	12	21	7	8	6	5	3
2007							
2008							

연도별 Korean J Parasitol 게재 논문 편수

$$\text{KoMCI 2002} = (9+11)/(43+39) = 0.244$$

$$\text{KoMCI 2003} = (7+5)/(39+31) = 0.171$$

$$\text{KoMCI 2004} = (8+7)/(31+36) = 0.224$$

$$\text{KoMCI 2005} = (11+1)/(36+29) = 0.185$$

$$\text{KoMCI 2006} = (6+5)/(29+25) = 0.204$$

## Korean Journal of Medicine

발행연도 \ 인용연도	2000	2001	2002	2003	2004	2005	2006
발행연도	221	195	214	250	248	228	220
2000	0						
2001	0	0					
2002	1	1	0				
2003	4	1	1	0			
2004	2	1	2	1	0		
2005	0	2	6	2	1	1	
2006	3	1	3	1	4	0	0
2007	1	3	3	2	4	3	2
2008	2	1	1	1	1	3	1

연도별 Korean J Med 게재 종설과 원저 논문 편수

$$\text{SCI 2002} = (1+1)/(195+221) = 0.005$$

$$\text{SCI 2003} = (1+1)/(214+195) = 0.005$$

$$\text{SCI 2004} = (1+2)/(250+214) = 0.006$$

$$\text{SCI 2005} = (1+2)/(248+250) = 0.006$$

$$\text{SCI 2006} = (0+4)/(228+248) = 0.008$$

$$\text{SCI 2007} = (2+3)/(220+228) = 0.011$$

## Korean Journal of Internal Medicine

발행연도 \ 인용연도	2000	2001	2002	2003	2004	2005	2006
발행연도	45	50	50	50	54	64	59
2000	3						
2001	13	0					
2002	26	11	0				
2003	15	17	8	0			
2004	19	21	15	8	1		
2005	20	24	29	22	18	0	
2006	14	21	27	31	21	13	1
2007	13	26	22	26	29	26	10
2008	9	11	10	21	5	9	16

연도별 Korean J Int Med 게재 종설과 원저 논문 편수

$$\text{SCI 2002} = (26+11)/(45+50) = 0.389$$

$$\text{SCI 2003} = (17+8)/(50+50) = 0.250$$

$$\text{SCI 2004} = (15+8)/(50+50) = 0.230$$

$$\text{SCI 2005} = (22+18)/(50+54) = 0.385$$

$$\text{SCI 2006} = (21+13)/(54+64) = 0.288$$

$$\text{SCI 2007} = (26+10)/(64+59) = 0.293$$

# Journal of Korean Society of Medical Informatics

발행연도 \ 인용연도	2000	2001	2002	2003	2004	2005	2006
인용연도	-	52	34	47	43	38	30
2000	0						
2001	0	0					
2002	0	0	0				
2003	0	0	0	0			
2004	0	0	1	0	0		
2005	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0

연도별 J Korean Soc Med Inform 또는 Korean J Med Info 게재 논문 편수

SCI 2002 = X  
 SCI 2003 = X  
 SCI 2004 =  $(1+0)/(34+47) = 0.012$   
 SCI 2005 = X  
 SCI 2006 = X  
 SCI 2007 = X  
 SCI 2008 =

발행연도 \ 인용연도	2000	2001	2002	2003	2004	2005	2006
인용연도	-	52	34	47	43	38	30
2000							
2001							
2002							
2003	15	11	16	3			
2004	10	8	12	19	1		
2005	12	15	10	28	14	5	
2006	11	7	11	15	6	7	3
2007	6	4	6	10	6	6	6
2008							

연도별 J Korean Soc Med Inform 게재 논문 편수

KOMCI 2002 = X  
 KOMCI 2003 =  $(11+16)/(52+34) = 0.314$   
 KOMCI 2004 =  $(12+19)/(34+47) = 0.383$   
 KOMCI 2005 =  $(28+14)/(47+43) = 0.467$   
 KOMCI 2006 =  $(6+7)/(43+38) = 0.16$   
 KOMCI 2007 =  $(6+6)/(38+30) = 0.176$   
 KOMCI 2008 =

# 학술지 현황 분석 Key issues

- **Aims and Scope**
  - Mission, Aims and Scope:
  - Geographical scope of the journal?
- **Society and Conference Affiliations**
  - The support of an academic society.
- **Existing Competitors**
  - Direct competitors for the journal
  - general titles with which you may compete
- **Readership and Market**
  - Who will read your journal?
  - How many academic departments might subscribe worldwide?
  - Critical mass of papers and an economically viable base of subscribers.
- **Marketing Opportunities**
  - Promotional opportunities do you anticipate for the journal

# 영문 편지

# 심사위원 위촉

- **저자가 희망 또는 거부하는 심사위원**
- **심사위원 명단을 분야별로 정리**
- **저자가 쓴 논문의 참고문헌의 저자에게 의뢰**
- **투고 논문 keyword로 Pubmed 또는 Web of Science 검색하여 관련 논문 저자에게 의뢰**

# 전자 투고 프로그램

# 출판 이후의 업무

- 색인
  - Koreamed
  - Pubmed, ISI, Scopus, Chemical Abstract
  - WPRIM
- 원문검색을 위한 전자 출판
  - 학회 홈페이지를 통한 서비스
  - Koreamed Synapse
  - Aggregator를 통한 원문 서비스
- 종이학술지 배포
  - 한국의학도서관협의회
- 인용 분석
- 마케팅, 언론 홍보

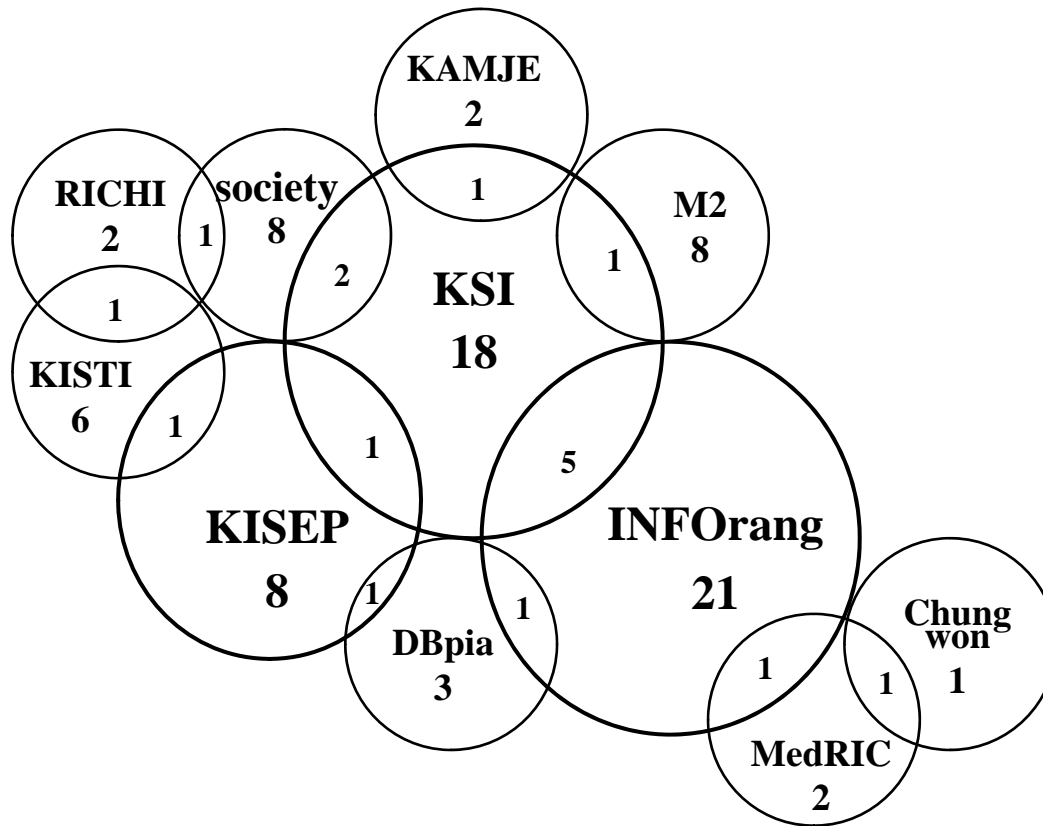


# Future perspectives of KAMJE

## 2. Improve readability

National/Regional/Global Index Medicus

On-line full text services



Full text services of  
KoreaMed journals  
(May 10, 2007)

104 journals are  
available somewhere.

22 journals are  
not available.

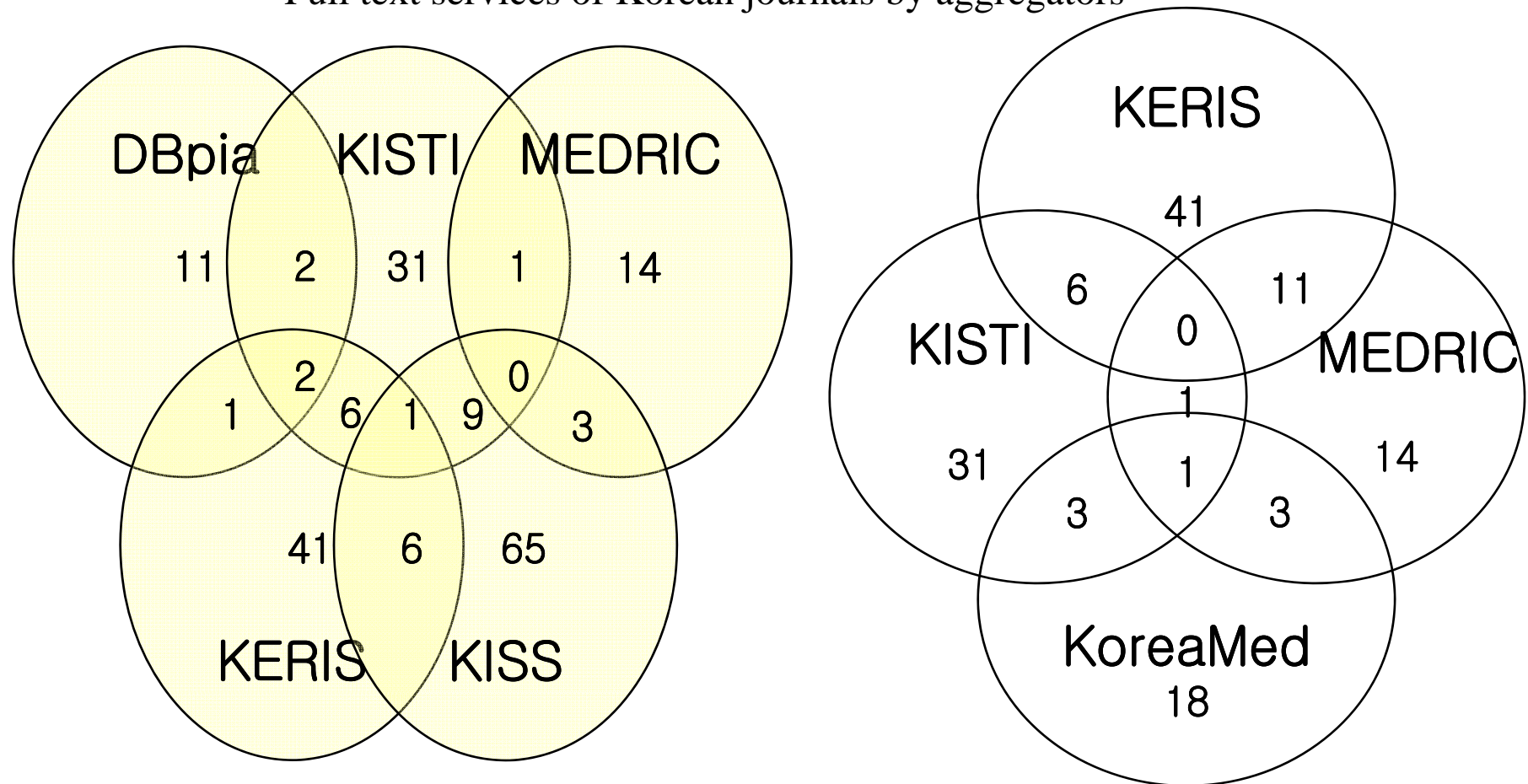
# Future perspectives of KAMJE

## 2. Improve readability

National/Regional/Global Index Medicus

On-line full text services

Full text services of Korean journals by aggregators



# 학술지 발행의 국제화와 경제적 어려움

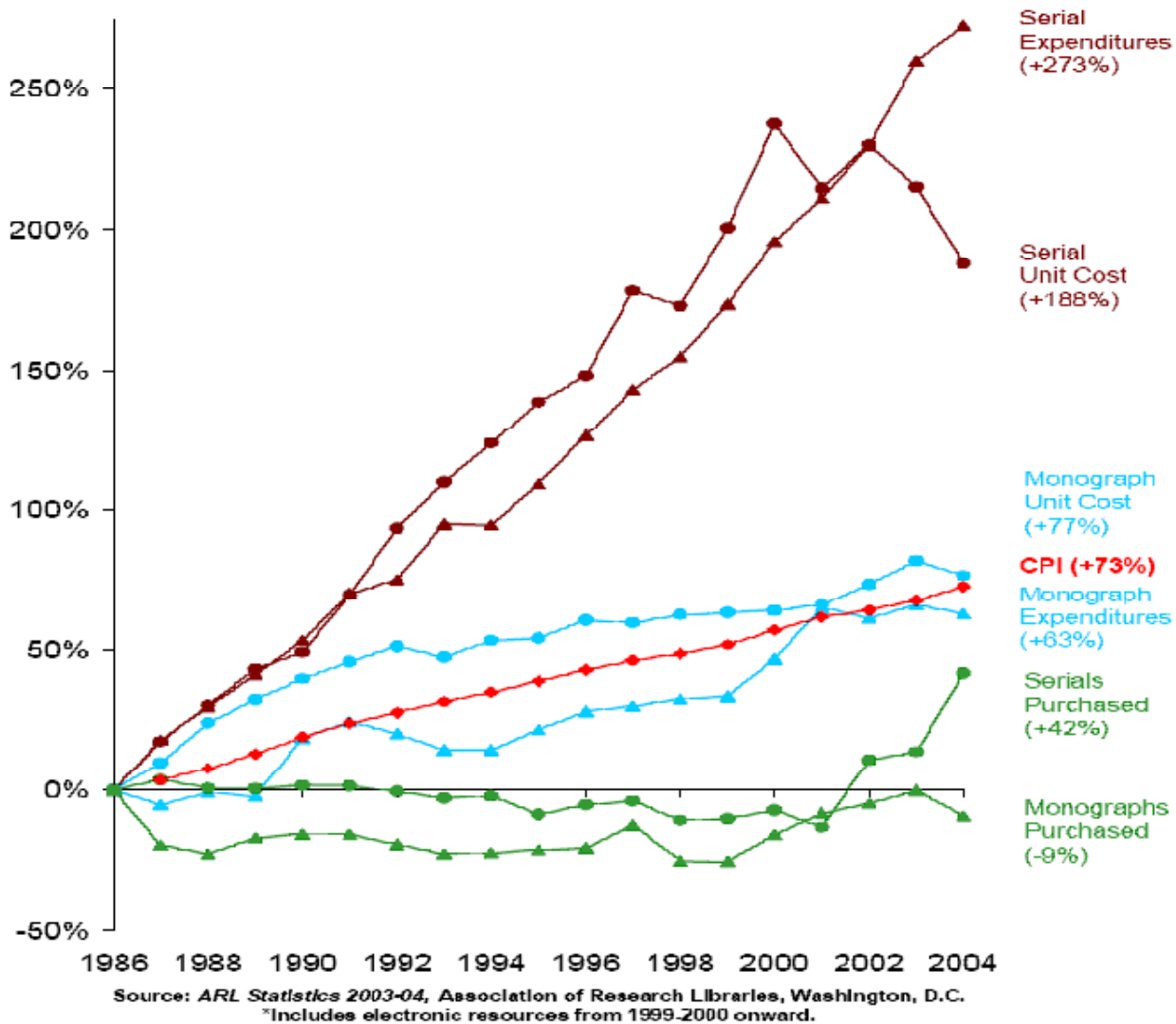


Figure 3. 단행본과 연간학술지의 비용에 대한 분석자료 (ARL Scientifics 2003-2004)

# Financial analysis

- MECHANICAL DATA
  - No. issues per year
  - No. editorial pages
- SUBSCRIPTION DATA
  - No. Society Online Subscribers
  - No. Other Institutional Online Subscribers
- SUBSCRIPTION RATES
  - Institutional Subscribers (USD)
  - Individual Subscribers (USD)
- ARTICLE CHARGES
  - Case Report
  - Articles
- Other REVENUE
  - Supplements
- Production costs
- Editorial Office costs
- Manuscript Central
- Promotion
- Publishing Charges
- Other costs
  - English Language Editing Service
  - Invited Review
- GROSS PROFIT/LOSS

# 학술지 논문 출판의 단가는?

## 우리말 학술지 A

인쇄비 (학회 부담)	24,840천원
인쇄비 (저자부담)	17,577
발송료 (학회 부담)	6,489
편집위원회	9,701
국/영,참고문헌교정	5,817

TOTAL COSTS 64,425천원

(78편 발행:

논문 편당 단가 826천원)

## 영문 학술지 B

Production (issues)	U\$16,200
Editorial Office costs	8,000
Manuscript Central	6,500
Promotion	7,000
English Editing Service	3,000
Invited Review	2,000
Publishing Charges	15,000

TOTAL COSTS U\$ 57,700

(60편 발행:

논문 편당 단가 U\$962)

# 외국 기업/출판사의 한국 학술지 사업 전략

- 기존 학술지 출판
- 새로운 학술지 창간
- 종이학술지 배급 대행
- 온라인 출판
- 종이학술지 scan, archiving & service
- Elsevier, Springer, Wiley

## Springer (18종)

- Arch Pharmac Res
- Biotech Bioproc Engineer
- J Microbiol
- Molec Cells
- J Plant Biol
- Fibers & Polymers
- Geoscience J
- Intelligent Service Robotics
- Int J Automot Technol
- Int J Prec Engineer Manufact
- J Appl Mathemat Comput
- J Mechan Science Technol
- Korean J Chem Engineer
- J Civil Engineer
- Metals Materials Int
- Int J Control Automation & System
- Asian J Education Review
- Ocean Sci J

## Wiley (4종)

- Bas Appl Pathol
- Asian Social Work Policy Rev
- Anthomolog Res
- Asian J Chemistry

# 결론

- 학술지 국제화를 부정하는 사람은 없다.
- 학회 국제화에도 관심을 갖자.
- 출판 이후 업무(Index, on-line 서비스, 인용 분석)에 관심과 투자가 있어야 한다.
- 학술지 마케팅과 홍보도 중요하다.
- 학술지 비용을 줄이려는 노력이 필요하다.
- 논문에 대한 안정적인 full text 서비스 필요하다.
- 외국 출판사와의 발행 협력 모델 검토



# SCI 학술지 IF 분포

	0.0 이상 0.5 미만	0.5 이상 1.0 미만	1.0 이상 2.0 미만	2.0 이상
SCI(all)	1316	1489	1770	1842
SCI(E)	1025	797	573	317
SCI “core”	291	692	1197	1525
SSCI	563	538	532	219

2008.10. 현재 SCI 등재 학술지 집계