

ECSAC-Korea Journal Editors Workshop

2013 국내 학술지의 Scopus 등재를 위한 특별 세미나

- 일시 및 장소: 2013.08.30.(금) 14:20~ / 한국연구재단 대전청사 1층 대강당

[행사일정]

| 시간 | 발표 내용 | 연 사 | 비 고 |
|------------------------|--|---|--------------|
| 13:50 – 14:20 (30') | 등 록 | | |
| 14:20 – 14:30 (10') | 개회사 | 이승종 이사장 한국연구재단 | |
| 14:30 – 15:00 (30') | Scopus 한국저널선정위원회 운영 경과 및 향후 과제 | 김정구 교수 Scopus 한국저널선정위원회 위원장 서울대학교 물리학과 명예교수 | |
| 15:00 – 15:30 (30') | Scopus 한국저널 등재 분석 및 조인 (Rejection Analysis) | Derrick Duncombe Lead for CSAB & ECSAC, Elsevier Singapore | 영어 발표 |
| 15:30 – 15:50 (20') | Production & Hosting (Elsevier와 공동출판) | 장현주 차장 Elsevier 한국지사 | |
| 15:50 – 16:30 (40') | Elsevier Helps Strengthen the Global Research Community | 지영석 회장 Elsevier(네델란드) 본사 회장 세계출판협회(IPA) 회장 | 영어 발표 |
| 16:30 – 17:00 (30') | 질의 응답 | 전 체 | |
| 17:00 – 17:10 (10') | 폐회 선언 | 사회자 | |

※ 영어 발표는 번역 자료를 제공하며, 발표 내용 및 순서는 사정에 따라 변경될 수 있습니다.

Contents

1. Scopus 한국저널선정위원회 운영 경과 및 향후 과제

김정구 교수

Scopus 한국저널선정위원회 위원장

서울대학교 물리학과 명예교수

2. Scopus 한국저널 등재 분석 및 조인 (Rejection Analysis)

Derrick Duncombe

Lead for CSAB & ECSAC, Elsevier Singapore

3. Production & Hosting (Elsevier 와 공동출판)

장현주 차장

Elsevier 한국지사

4. Elsevier Helps Strengthen the Global Research Community

지영석 회장

Elsevier(네덜란드) 본사 회장

세계출판협회(IPA) 회장

1. Scopus 한국저널선정위원회 운영 경과 및 향후 과제

김정구 교수

Scopus 한국저널선정위원회 위원장
서울대학교 물리학과 명예교수





Scopus 한국 journal 선정위원회 운영과 향후과제

김정구
ECSAC Chair

August 30, 2013

ECSAC-NRF Korea

I-1. Korean Story



ECSAC-NRF Korea

Western view

한 때 한국은 필리핀
보다 더 가난한 나라

한국은 **구동에 위치한** 이름
없는 조그마한 나라!

→ '92 Paul Kennedy
"Preparing for 21st century"
Korea one of the four dragons₃

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ECSAC-NRF Korea

I-2 Unique experience of Korea: Park at Busan

Korean war: the opportunity to open
Korean eye to the world

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I-3 Phenomenal growth of semiconductor business in Korea *ECSAC-NRF Korea*

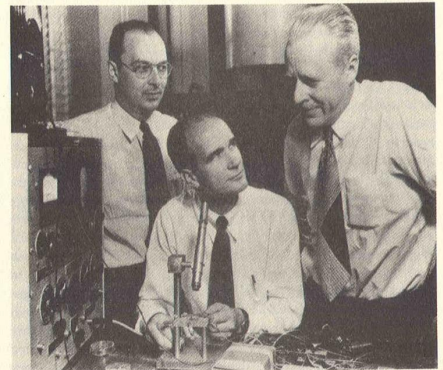
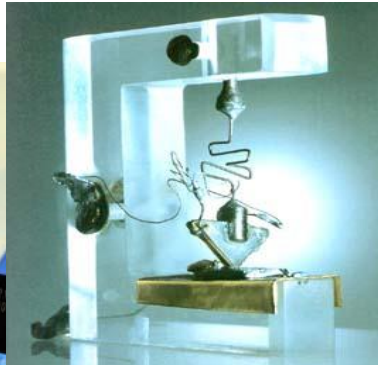
Korea became one of the leading or at least competing country in the field of electronics and heavy industry that started from the ashes of Korean war.

How this incredible dream became a reality?

Bardeen, Shockley, and Brattain in 1948.

Early stage transistor ('47)

J. Bardeen
W. Shockley
W. Brattain



the company's latest 20 nanometer class process technology.

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ECSAC-NRF Korea Global competition in IT area

Era of Semiconductor in USA:

- 1956 Shockley Semiconductor Lab
- 1956 Nobel prize to Shockley, Brattain, Bardeen
- 1957 Fairchild, National, Texas Instrument
- 1968 Intel (Noyce, Moore, Grove)
- 1973 μ A741 by Fairchild, CCD by Fairchild
- 8008 μ -processor by Intel, ADC by Analog Device

→ leading to the glorious

Korea semiconductor era of USA

- 1969 Samsung Electronics Co (Home appliance)
- 1983 Samsung Semicondctor Co (memory device)
- 1990 Two companies merged

Well educated, yet hungry and hard working man powers.
but most of all it was due to the eye-opening experiences
provided through Korean war. → Importance of Globalization

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Globalization: the most widely ECSAC-NRF Korea talked about subject at the end of 20th century

The emergence of new international network of social and economic system based on science and technology

Science & technology based globalization

advanced countries

advantageous

less developed countries

disadvantageous

Countries with rich cultural heritage but with less developed manufacturing capacity such as Spain or Italy, they will certainly survive or even prosper!

Importance of culture and history:

Korean history and culture is part of human history

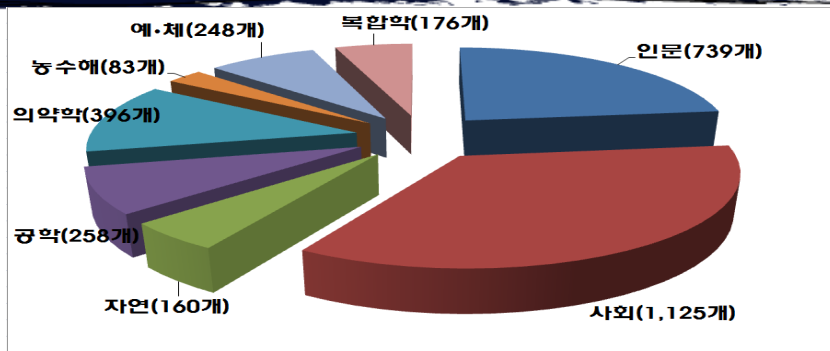
→ Importance of Globalization even in the field of Humanity and Social Science

→ Openness of the journals: readability, open access

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II Society and Journal



Korean academic society (total 3,185)

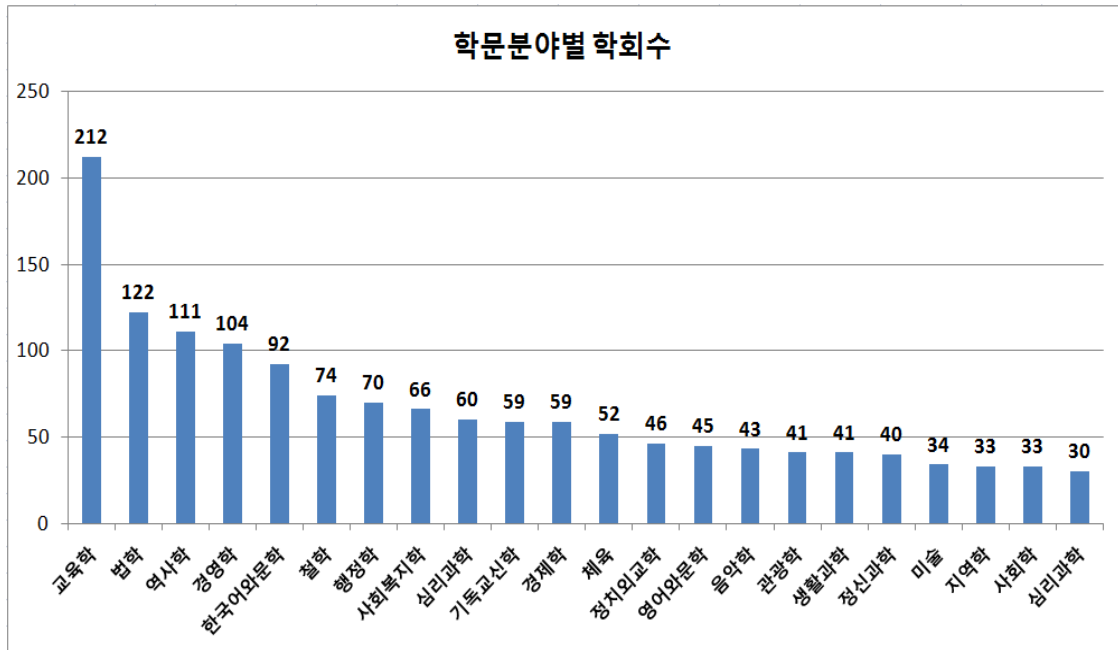
(단위 : 개)

| 구분 | 인문 | 사회 | 자연 | 공학 | 의약학 | 농수해 | 예술체육 | 복합학 | 합계 |
|-----------------|-----|-------|-----|-----|-----|-----|------|-----|-------|
| 학회 수 | 739 | 1,125 | 160 | 258 | 396 | 83 | 248 | 176 | 3,185 |
| 중분야 수 | 23 | 23 | 14 | 27 | 38 | 8 | 13 | 10 | 156 |
| 중분야별 평균 학회 수 | 32 | 48 | 11 | 10 | 10 | 10 | 19 | 18 | 20 |

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학문분야(중분야)별 학회현황30개 이상인 경우



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동일 학문분야(중분야) 학회 50개 이상인 학회운영 현황

| 구분 | 중분야 | 교육학 | 법학 | 역사학 | 한국어와 문학 | 경영학 | 철학 | 행정학 | 사회 복지학 | 경제학 | 기독교 신학 | 심리 과학 | 체육 | 계 |
|---|-----|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 분야별 등록 학회 수 | | 212 | 122 | 111 | 94 | 104 | 73 | 69 | 66 | 59 | 58 | 60 | 52 | 1,079 |
| 최근 5년간 학술대회 개최 건 수가 0 건인 학회 수 (%) | | 122 (58%) | 57 (47%) | 51 (46%) | 26 (28%) | 60 (58%) | 37 (51%) | 38 (55%) | 49 (75%) | 30 (51%) | 38 (66%) | 43 (80%) | 33 (73%) | 594 (55%) |
| 정기간행 학술지가 1건 미만인 학회 수 (%) | | 104 (49%) | 49 (40%) | 49 (44%) | 21 (22%) | 43 (41%) | 34 (47%) | 36 (52%) | 43 (66%) | 28 (47%) | 36 (62%) | 43 (72%) | 27 (52%) | 513 (48%) |
| 설립된 지 10년 미만인 학회 수 (%) | | 66 (31%) | 27 (22%) | 24 (22%) | 11 (12%) | 38 (37%) | 22 (30%) | 30 (43%) | 36 (55%) | 11 (19%) | 20 (34%) | 29 (48%) | 15 (29%) | 328 (30%) |
| 회원 수가 300명 미만인 학회 수 (%) | | 137 (65%) | 94 (77%) | 81 (73%) | 45 (48%) | 62 (60%) | 61 (84%) | 52 (75%) | 53 (82%) | 45 (76%) | 49 (84%) | 49 (82%) | 37 (71%) | 765 (71%) |

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II-2 Academic journals

Objectives:

- 1) Propagation and verification of research result
 propagation of information **Widely read journal**
 objective evaluation of the result
- 2) Evaluation on the ability of each researcher
 importance of the result related to the no of
 citation ➔ Evaluation

Problems:

- 1) Volume increase in the no of societies and journals
 KCI journals 2,128 (WoS 11,487, Scopus 20,469)
 발행횟수 인문학 2,3,4/yr 사회학 2,3,4/yr
 자연 4,6,12/yr 공학 4,6,12/yr
- 2) Journal당 연구자 수 극히 적음,
 reader의 수가 적어 journal의 파급효과 제한됨
- 3) 비도덕적 행위 다발

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Strategy to globalize a few selected journals in Humanity & Social Science field

Healthy society

1. *Merging with similar societies*
2. *Sustainable journal publication
(joint publication)*

Globalization

3. *Evaluation system --- KCI*
4. *Language and format of the journal*
5. *Encourage representative journals to register
on international citation system*

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III. Scopus Story

III-1 Scopus Statistics

| | |
|---------------|--|
| New title | 2011 3,884 ⇒ 1,394 review 36% success |
| | 2012 3,291 ⇒ 1,311 review 40% success |
| Suggester | Publisher(25%), Editor(chief)(37%), Editor board member(5%), Librarian(5%) |
| Success ratio | Publisher(54%), Editor(chief)(44%), Editorial board(38%), Librarian(19%) |

Reasons for “not for review”

- 1) no publication ethics statement(660 cases)
- 2) short publication history(450 cases)
- 3) no ISSN (225 cases)
- 4) already indexed(200cases)
- 5) recently accepted (75 cases)

Top countries that suggested titles

- | | |
|--------------------|----------------------|
| 1. U.S.A(390) | 11. Russia |
| 2. UK(230) | 12. Poland |
| 3. India(260) | 13. Turkey |
| 4. Italy(120) | 14. China |
| 5. Brazil(80) | 15. Korea(55) |
| 6. Spain(80) | 16. New Zealand |
| 7. Netherlands(75) | 17. Columbia |
| 8. Romania(75) | 18. Malaysia |
| 9. Iran(90) | 19. Ukraine |
| 10. Germany(75) | 20. Australia |

Subject area

- | | |
|------------------------------|-------------------------------------|
| 1. Medicine(medical science) | 6. Agri&Biological Science |
| 2. Social science | 7. Business, management, accounting |
| 3. Art Humanities | 8. Multidisciplinary |
| 4. Engineering | 9. Economical, finance |
| 5. Computer Science | 10. Mathematical |

III-2 How to deal with unethical manipulation of the registered titles?

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Citation

- extensive self citation > 20%
- editorial practice (encouraging self-citation)
- **coercive** citation
- citation cartel
- Mocked review

Plagiarism iThenticate to detect plagiarism

- plagiarism
- no fraudulent data, no duplicate

Reviewing guide

Openness: English or big language
to reduce language barrier

Diversity: Editorial board famed foreigners

Citedness: rather low priority?

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III-3 About the sanction to the rejected titles?

Sanction for the rejected titles

- setting the embargo period to the rejected titles is decided solely by the subject chair
- average embargo period is about 34 months
- respect the opinion of the local board

In case if there is any problem on this issue, Chairperson of ECSAC can discuss the issue with responsible person at Elsevier(Mr. Wim Meester).

The approach of Elsevier about this issue is basically mutual respect and thrust between local board (ECSAC) and CSAB.

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Strengthening the communication channel between CSAB and ECSAC members

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| First Name | Surname | Email address | Affiliation |
|--------------|--------------|--|--|
| Evan | Bieske | evanjb@unimelb.edu.au | University Of Melbourne |
| Peter | Brimblecombe | p.brimblecombe@uea.ac.uk | University Of East Anglia |
| Donald | Dingwell | dingwell@lmu.de | University Of Munchen |
| Wouter | Gerritsma | Wouter.gerritsma@wur.nl | Wageningen University |
| Karen | Holland | K.Holland@salford.ac.uk | University Of Salford |
| Peter | Miller | millerpm@muscc.edu | Medical University Of South Carolina |
| David | Nelken | Sen4144@gmail.com | University Of Macerata |
| Manolis | Papadrakakis | mpapadra@central.ntua.gr | National Technical University Athens |
| Ashok Kumar | Raina | raina@theory.tifr.res.in | TATA Institute Of Fundamental Research |
| David | Rew | D.Rew@soton.ac.uk | University Of Southampton |
| Jorg-Rudiger | Sack | sack@scs.carleton.ca | Carleton University |
| Peter | Stambrook | Peter.stambrook@uc.edu | University Of Cincinnati |

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| First Name | Surname | Email address | Affiliation |
|------------|----------------|--|--|
| Karin | Wahl-Jorgensen | Wahl-jorgensenk@cardiff.ac.uk | Cardiff University |
| Olivier | Dumon | o.dumon@elsevier.com | Managing Director Research Markets, Amsterdam |
| Derrick | Duncombe | d.duncombe@elsevier.com | Partner Relations Manager Singapore |
| Elizabeth | Dyas | e.dyas@elsevier.com | Senior Product Manager Elsevier Amsterdam |
| Gillian | Griffiths | g.griffiths@elsevier.com | Analytical Product Manager Elsevier Amsterdam |
| Wim | Meester | w.meester@elsevier.com | Senior Product Manager Elsevier Amsterdam |
| Cameron | Ross | Cameron.ross@elsevier.com | Head Of Product Management Scopus Amsterdam |
| Judy | Salk | j.salk@elsevier.com | Director, Scopus And EV Content Management |
| Zheong | Khim | jnine@snu.ac.kr | Department Of Physics And Astronomy |
| Marco | Malgarini | Marco.malgarini@anvur.org | Senior Manager For Research ANVUR |

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IV ECSAC-Korea Activity

State of ECSAC-Korea

| Date | activity |
|-------------|--|
| 2011. 11.24 | MOU exchange between Elsevier and NRF-Korea |
| 2012. 5.18 | 1st Workshop ECSAC-Korea Orientation on the role of ECSAC |
| 6.4-7 | Visiting Elsevier HQ for consultation |
| 8.29 | 2nd Workshop of ECSAC-Korea (Mr Ji and Mr Duncombe) |
| 8.30 | Special seminar for upgrading Korean journal Orientation of Korean journal editors for SCOPUS registration |
| 9.26 | 3rd Workshop on the evaluation process with Prof. HS Kim |
| 10.1 | 1st stage evaluation process began by ECSAC |
| 11.2 | CSAB meeting as an observer at Penang |
| 2013. 1.30 | Planning meeting of 2013 ECSAC-Korea operation |
| 3.18 | Lecture "SCOPUS registering and role of editor" at KCSE |
| 3.22 | 4th Workshop ECSAC-Korea |
| 5.22-24 | CSAB meeting as an observer at Nice |

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Over view of evaluation results

| | Scopus-Admin | | | ECSAC KOREA (1 st , 2 nd stage) | | | Subject Chair-Final review | | |
|------|------------------|-------------|------------|--|-----------------|--------------|----------------------------|-----------------|--------------|
| | Suggested titles | NAFR titles | In process | Accepted for review | Rejected titles | Under review | Accepted titles | Rejected titles | Under review |
| 2011 | 34 | 17 | | | | | 10 | 6 | 1 |
| 2012 | 56 | 21 | 1 | 21 | 8 | 1 | 14 | 7 | 4 |
| 2013 | 24 | 17 | 2 | | | 5 | | | |

* NARF Titles : Non-eligible titles

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1st Stage evaluation

| Primary Field | | | No of title | Primary Field | | | No of title | Primary Field | | | No of title |
|---|--|---|-------------|--|---|----|--|---------------|--|--|-------------|
| 1 | Multidisciplinary | 1 | 11 | Earth & Planetary Science | 1 | 21 | Library and Information Sciences | - | | | |
| 2 | Agricultural & Biological Sciences | 4 | 12 | Economics, Econometrics & Finance | 2 | 22 | Materials Science | - | | | |
| 3 | Arts & Humanities | - | 13 | Education | - | 23 | Mathematics | 1 | | | |
| 4 | Biochemistry, Genetics & Molecular Biology | 1 | 14 | Energy | - | 24 | Medicine | 4 | | | |
| 5 | Business, Management & Accounting | 1 | 15 | Engineering | 5 | 25 | Neuroscience | - | | | |
| 6 | Chemical Engineering | - | 16 | Environmental Science | 1 | 26 | Nursing | - | | | |
| 7 | Chemistry | 1 | 17 | Health Professions | 3 | 27 | Pharmacology, Toxicology & Pharmaceuticals | - | | | |
| 8 | Computer Science | 6 | 18 | Immunology & Microbiology | - | 28 | Physics & Astronomy | - | | | |
| 9 | Decision Sciences | - | 19 | Language, Linguistics, Communication and Media | 2 | 28 | Psychology | - | | | |
| 10 | Dentistry | - | 20 | Law, Crime, Criminology and Criminal Justice | - | 30 | Social Sciences | 1 | | | |
| | | | | | | 31 | Veterinary | - | | | |
| Titles applied for registration (1 st evaluation) Total : 34 | | | | | | | | | | | |

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Reject Reason

10 out of 34 applications rejected

1. Journal A

Poor homepage

2. Journal B

Not really scientific

Not enough information available (Poor homepage)

Missing indication of quality control (e.g. peer review)

3. Journal C

Peer review: not mentioned anywhere.

Not clearly stated whether a manuscripts submitted for publication would be reviewed independently by at least two referees or not.

English abstracts: OK.

All the abstracts of articles examined so far are written in English.

Regular publication: No. The first vol of 2010 consist of two issues at Mar and Sep.

The second vol of 2011, however, had another issue at Dec. We have to see whether Dec issue would be published this year or not.

4. Journal D

Poor quality of abstracts

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Reject Reason

5. Journal E

Citedness below expectations

No international diversity among authors

Comments Only one issue published per year; Author instruction needs to be described more in detail

6. Journal F

No international diversity among editors

Comments Some part of reference listing is inconsistent with author instructions

7. Journal G

Delayed publishing schedule Irregular Publication in 2000, and only 3 issues published in 2006 and 2007

8. Journal H

References are not in consistent formats

9. Journal I

Delayed publishing schedule.

Comments Only 2 issues were published in 2012 based on home page information

10. Journal J

No international diversity among authors

Missing indication of quality control (e.g. peer review) No international diversity among authors Title not easily accessible (e.g. non-English website)

No international diversity among editors / Unclear editorial concept/strategy

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V. Summary

Goal of ECSAC-Korea:

Upgrading Korean academic level through enhancing the international visibility of the Korean journals

Wish list?

1. Self sustainable academic societies thru merging similar ones
 - for society with a larger number of members
 - for sound financial structure
2. Maintaining professional editorial board
 - to increase the impact of the journal
 - forming a consultative body for editors
3. Encouraging societies to enhance visibility
 - to join an international citation system (SCOPUS)

V. Summary

- ECSAC-Korea was quite successful in drawing attention of society for "globalization"
 - The effect of ECSAC-Korea is not reflected yet.
 - Sharing the information
- ECSAC-Korea has very little information on 2nd and 3rd evaluation results (for the purpose of statistics and improvement of evaluation process)
- Mobilizing subject chair of ECSAC-K to deliver a special seminar at the annual meeting of society, thus encouraging society to prepare registering on SCOPUS.
 - Strengthening the link between CSAB and ECSAC subject-chairs
 - Need to prepare a policy on the shaky or bogus journals?

ECSAC-NRF Korea



Thank You

jnine@snu.ac.kr

Note

[illegible]

Note



2. Scopus 한국저널 등재 분석 및 조언 (Rejection Analysis)

Derrick Duncombe

Lead for CSAB & ECSAC, Elsevier Singapore





Scopus

ECSAC–KOREA JOURNAL EDITORS WORKSHOP

Presented by:
Derrick Duncombe
Lead for CSAB & ECSAC
30 August 2013



Agenda



Scopus

Quick Recap (2012)

- 1) Scopus Journal Selection criteria (Scopus 저널 심사기준)
- 2) Publication ethics (출판윤리)

(2013)

- 1) Case study overview: Rejection analysis
(사례연구: 등재 누락 분석)



Scopus

QUICK RECAP (2012)

- 1) SCOPUS JOURNAL SELECTION CRITERIA
- 2) PUBLICATION ETHICS



1) Quick recap: Scopus journal selection criteria Technical criteria (Pre-selection conditions)

Scopus

Eligibility (최소요건 심사)

- Peer-review: 동료 연구자의 심사평가
- English abstracts: 영문 초록
- Regular publication: 학술지의 정기적인 발행
- References in Roman script: 참고문헌 영문으로 작성
- Publication ethics and malpractice statement: 출판물 윤리 규정



Scopus selection criteria a combination of quantitative and qualitative measures

Scopus

| | |
|----------------------------------|--|
| Journal policy (정책) | <ul style="list-style-type: none"> Convincing editorial concept/policy: 편집정책 및 방향 Level of peer-review: 동료평가 제도 Diversity in geographic distribution of editors: 편집인의 다양성 Diversity in geographic distribution of authors: 저자의 다양성 |
| Quality of content (편집) | <ul style="list-style-type: none"> Academic contribution to the field: 학문에 기여도 Clarity of abstracts: 초록 상태 Quality and conformity with stated aims & scope: 학술지 목적에 부합 정도 Readability of articles: 이독성 |
| Journal standing (인용도) | <ul style="list-style-type: none"> Citedness of journal articles in Scopus: 학술지 인용도 Editor standing: 편집인 인용도 |
| Regularity (정규성) | <ul style="list-style-type: none"> No delay in publication schedule: 정시 발행 |
| Online availability (접근성) | <ul style="list-style-type: none"> Content available online: 온라인 접근성 English-language journal home page: 홈페이지 언어 Quality of home page: 홈페이지 상태 |

ELSEVIER



<http://www.info.sciverse.com/scopus/scopus-in-detail/content-selection>

Title submission queries

Scopus

- All queries regarding Scopus or title submission should be emailed directly to one central place:

(Scopus 등재 신청 문의)

titlesuggestion@scopus.com

ELSEVIER

2) Quick recap: Publication Ethics

Scopus

- www.ethics.elsevier.com
(출판윤리 관련 사이트)
- Developed with advice from independent experts incl. COPE, librarians, editors
(독립적인 전문가 그룹인 COPE, 사서, 편집인들의 조언으로 개발)
- Teaching the “ground rules”
(기본 원칙 교육)
- ...and what happens when they’re broken
(규칙을 지키지 않았을 때, 일어날 수 있는 사항들)
- Real-life stories of those affected by plagiarism etc
(표절 등의 영향을 받은 사례)



Scopus

CASE STUDY OVERVIEW: REJECTION ANALYSIS

(사례연구: 등재누락 분석)

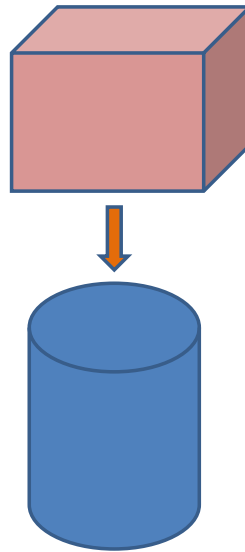


Increasing your chances

Scopus

Trying to fit a square peg into a round cylinder?

(동그런 실린더에 네모난
못을 억지로 끼워 넣기 위한
노력?: 적합하지 않은 상황)



Make it past Stage 1: Technical criteria (Pre-selection conditions)

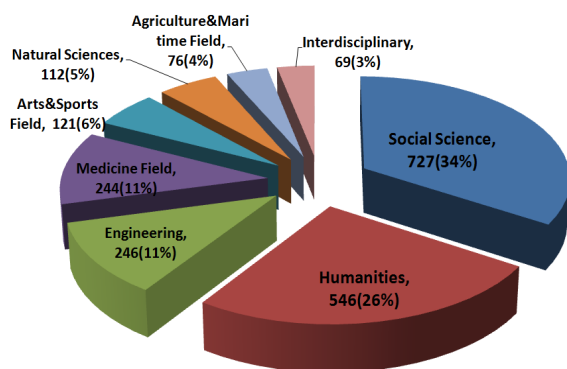
Analyzing the common reasons for rejection helps you know the areas that needs to be improved.



(등재 누락에 대한 일반적인 원인 분석을 통한 개선사항 파악)

Subject field distribution of KCI registered academic Journals in Korea:

Scopus



Total No. of Journals : 2141

<KCI에 등재된 저널의 주제 분포>

Liberal arts & Humanities and Social Science: 60%.

The cross citation (KCI) ratio among journals in the field of Humanities and Social Science is much higher than that of Natural Science and Engineering.

(인문, 사회과학분야 저널간의 인용비율이 자연과학, 공학분야 저널간의 인용비율보다 더 높음)

All the more important to have the ECSAC-Korea

Goal of ECSAC-Korea:

Upgrading Korean academic level through enhancing the international visibility of the Korean journals

(한국저널의 국제적인 가시성 향상을 통한 한국의 학문수준 업그레이드)



Increasing your chances

Scopus

The importance of ECSAC-Korea

Education of local editors/publishers

(한국의 편집인, 출판사 교육)

Insight on selection policy and process

(심사 정책 및 과정에 대한 통찰력)

Local knowledge for title reviews

(타이틀 심사를 위한 한국적인 지식)

First right of refusal for local titles

Landscaping of local titles

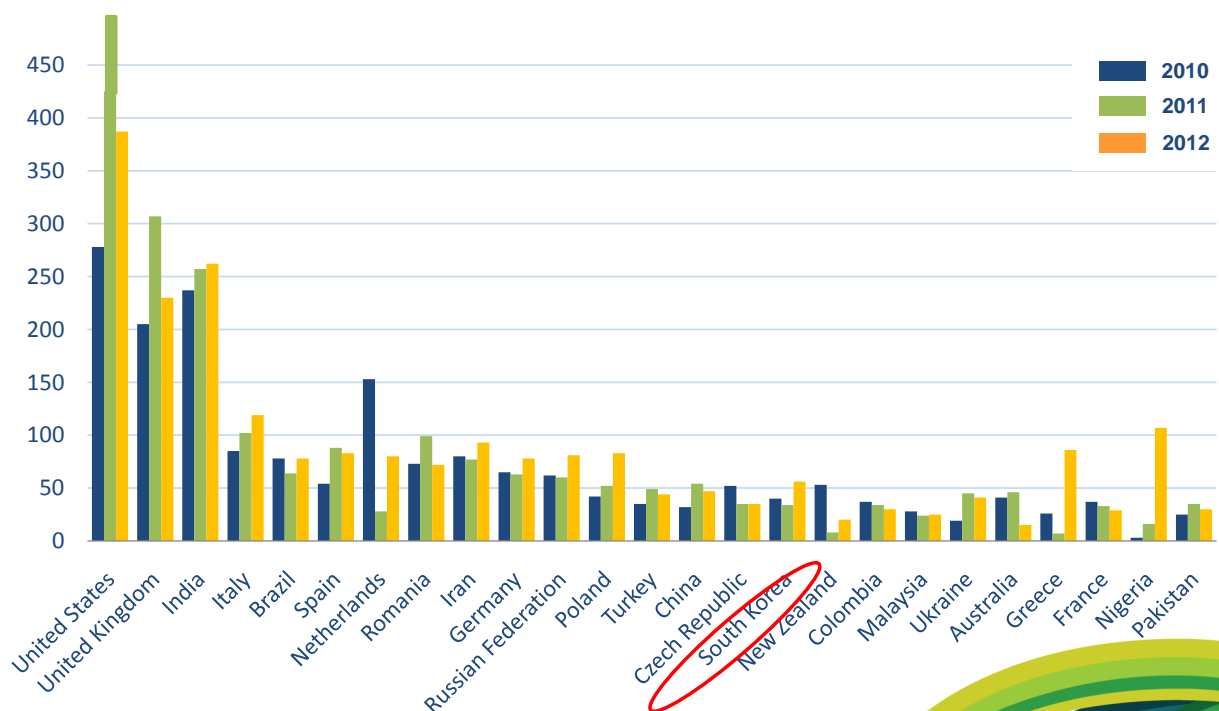
Increase chances of local titles being accepted

한국타이틀 등재 누락에 대한 첫번째 권리
한국타이틀에 대한 개관
한국 타이틀의 등재율을 높일 수 있는 기회



Top 25 countries suggested titles

Scopus

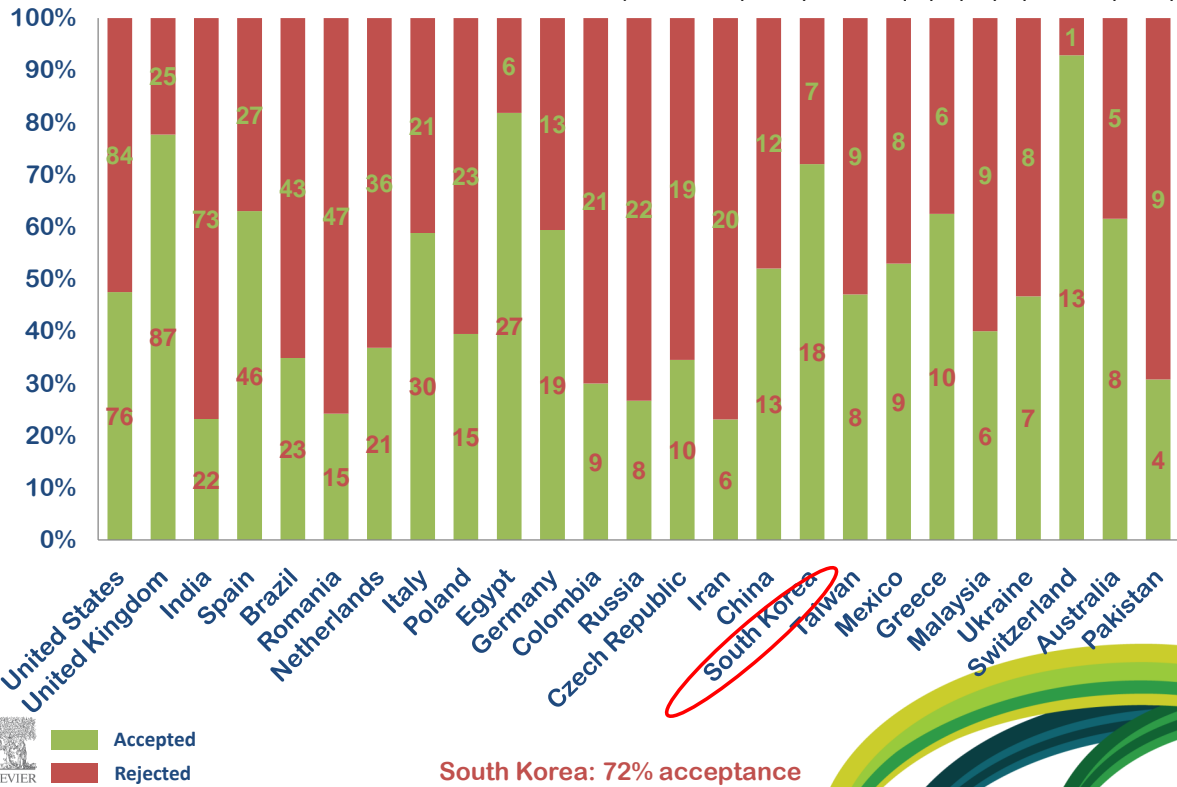


(주요 25개국의 Scopus 등재 신청타이틀)

Titles reviewed – top 25 countries (2012)

Scopus

(2012년 기준, 주요 25개국의 타이틀 심사결과)

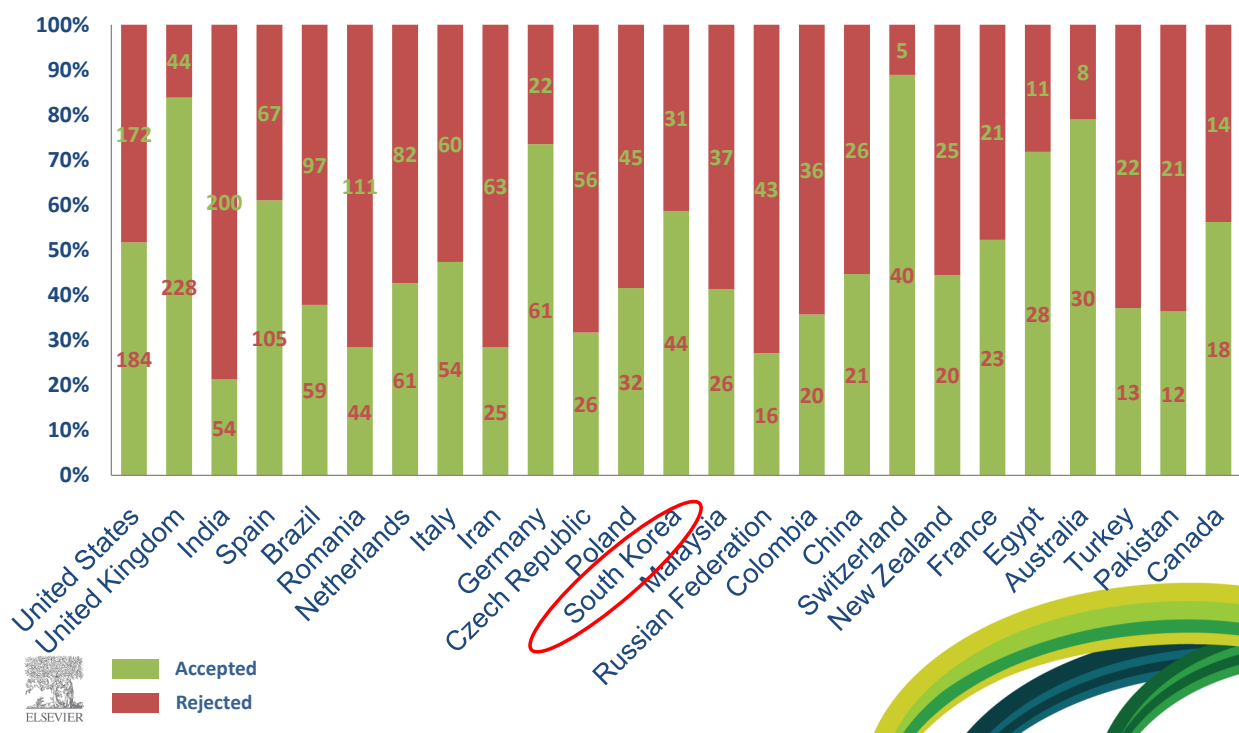


Titles reviewed per country

Scopus

(January 2011 – April 2013)

(2011-2013년 기준, 국가별 타이틀 심사결과)

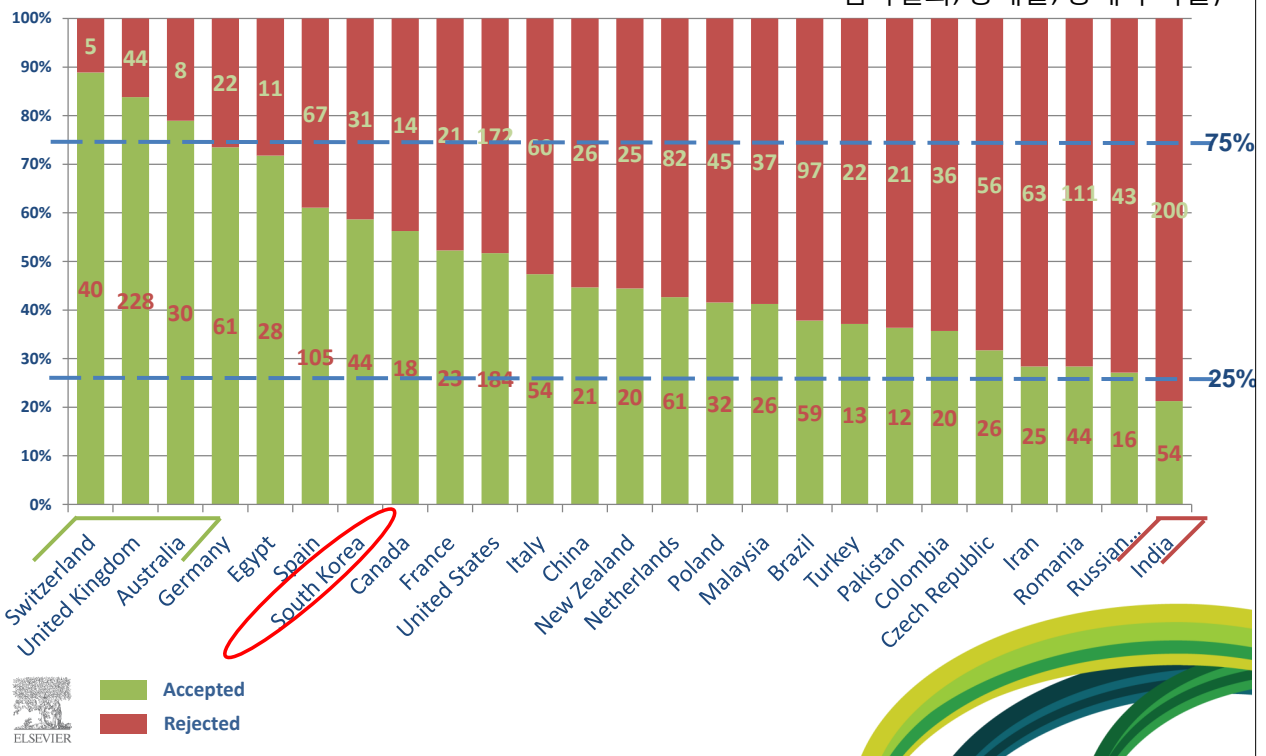


Titles reviewed per country

Scopus

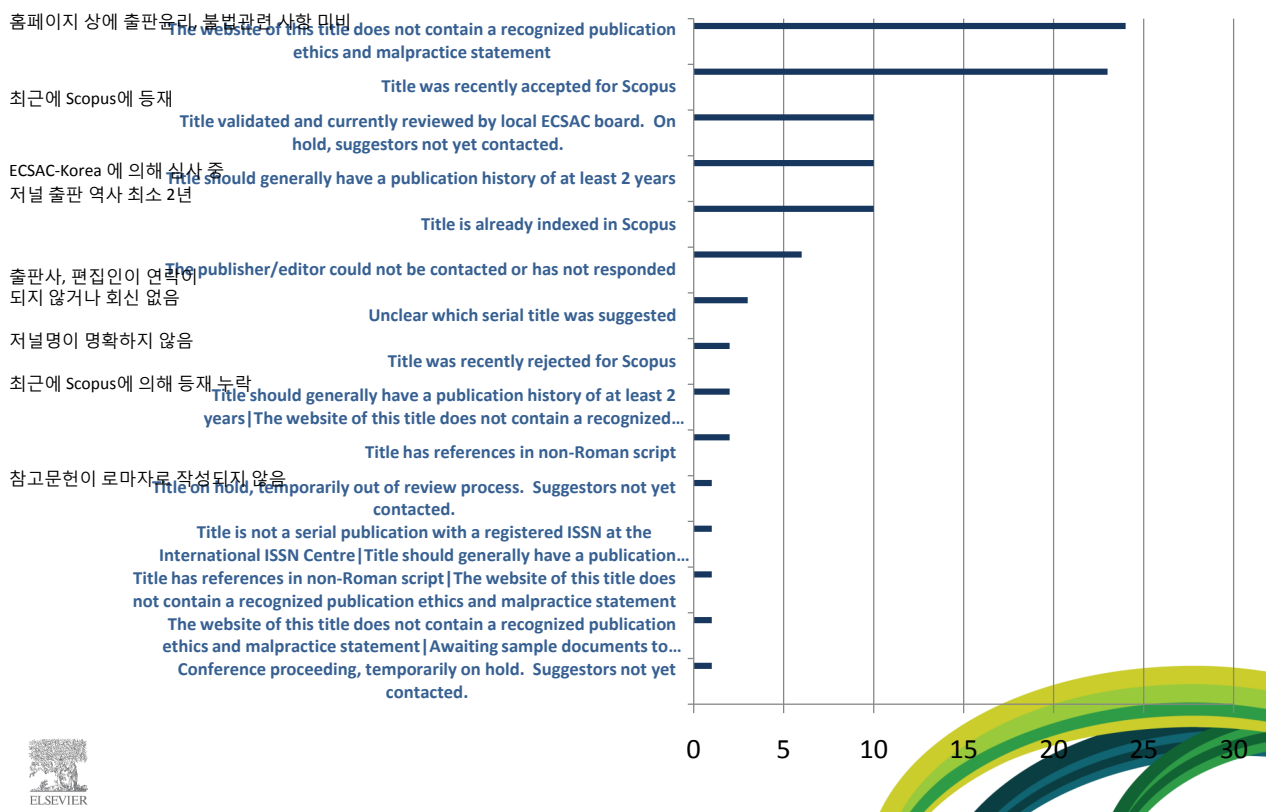
(January 2011 – April 2013)

(2011-2013년 기준, 국가별 타이틀
심사결과, 등재율, 등재 누락율)



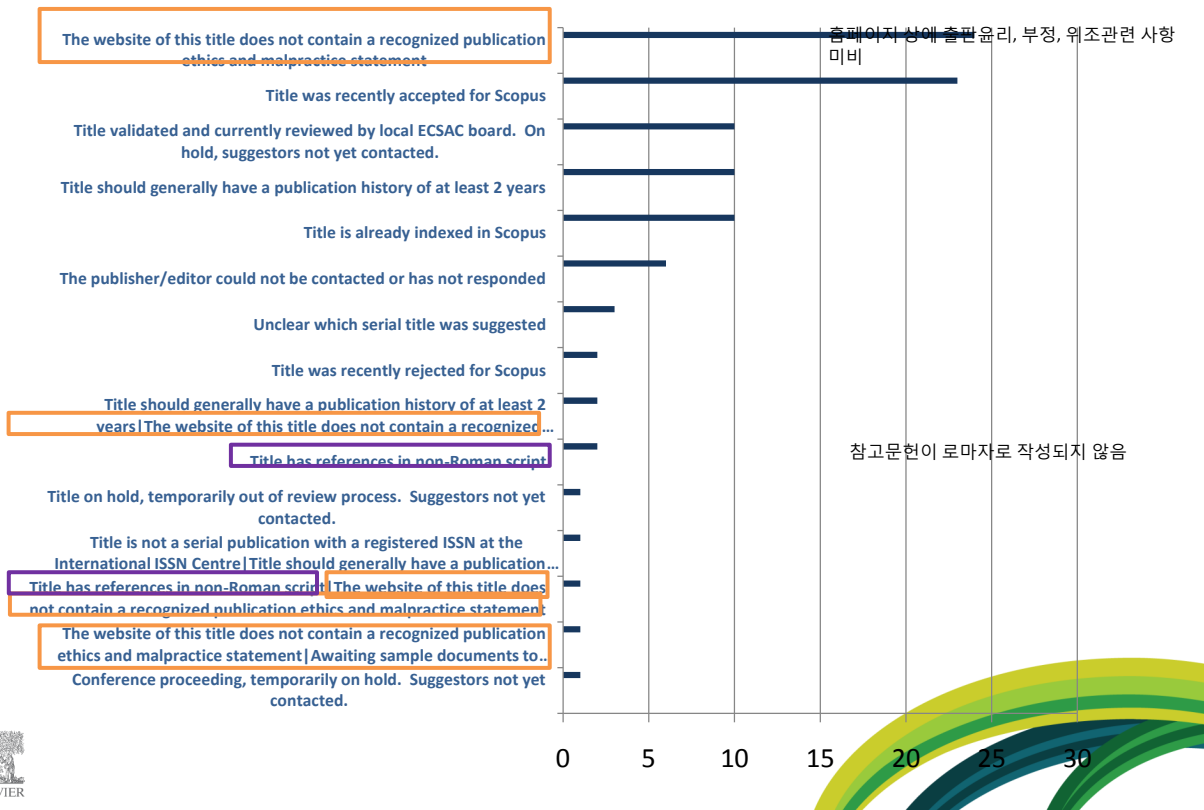
Overview: rejection analysis

Scopus



Overview: rejection analysis

Scopus



Overview: rejection analysis

Scopus

- 1) The website of this title does not contain a recognized publication ethics and malpractice statement

(출판 윤리, 위조관련 사항에 대한 정보를 포함하고 있지 않음)

- 2) Title has references in non-Roman script

(참고문헌이 로마자(영어)로 표기되어 있지 않음)

Technical criteria (Pre-selection conditions) | Scopus

(등재신청 웹 페이지)



TITLE SUGGESTION

[Help](#)

Title suggestion agreement

We ask you to provide full title detail information: all questions in the suggestion form are mandatory, and you will also be required to upload sample articles in order to complete the suggestion.

If you are not the publisher or editor of the title, or otherwise in a position to provide all the information required, we recommend that you contact the publisher of the title and request that the publisher complete the suggestion form.

Agreement



I am aware of the general guidelines that Scopus uses to select titles.

Scopus only allows titles to be evaluated when they meet the following minimum criteria:

- The title should publish peer reviewed content.
- The title should be published on a regular basis (i.e. have an ISSN that has been registered with the International ISSN Centre).
- The title should have English language abstracts.
- The title should have references in Roman script.
- The title should have a publication ethics and publication malpractice statement.

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Completing the Title Suggestion form | Scopus



TITLE SUGGESTION

(등재 신청 시 질문은 "titlesuggestion@scopus.com 으로 이메일 문의)

[Help](#)

Please read carefully before completing this form

- Please check the [Scopus title list](#) to determine whether the title you wish to suggest is already in Scopus. Please be aware that active Medline-sourced titles (see column M in the title list) may also be suggested for full Scopus coverage.
- New titles are reviewed on a continuous basis by the independent Scopus [Content Selection & Advisory Board](#) (CSAB).
- We strive to evaluate new title suggestions as quickly as possible, however, please allow for several months up to one year for the review process to be completed.
- The CSAB uses sample documents of published content to evaluate the quality of a title. We recommend that a title has published for at least two years before it is suggested for inclusion in Scopus and we may reject a title suggestion for review if the publication history is too short to review the title.
- You will be asked to provide sample PDFs as a final step in the title suggestion process. **It is not possible to complete the title suggestion process without uploading PDFs.**
- Be aware that the evaluation of a title is not influenced by the number of times it is suggested. Multiple submissions of the same title will only delay the review process.
- Review of your title suggestion does not guarantee selection of the title.

If you have any questions about the evaluation process, you can contact us at titlesuggestion@scopus.com.

* = mandatory field. Input is required

Scopus Title Suggestion

Contact information

* Form of address:

* Your first name and/or initials:

Completing the Title Suggestion form

Scopus

Additional information

* Please describe the aims & scope of the title (in English):

* What is the start year (of current title):

* Has this title undergone any name changes, mergers or splits: ☐ Yes
☐ No
☐ Don't know

Publisher contact name:

Publisher contact e-mail address:

Additional publisher contact name:

Additional publisher contact e-mail address:

Editorial contact name:

Editorial contact e-mail address:

Additional editorial contact name:

Additional editorial contact e-mail address:

* Is there a publication ethics and publication malpractice statement for this title: ☐ Yes
☐ No

(학회, 출판사 웹 페이지에 출판 윤리, 위조등과 같은 사항이 명시되어 있습니까?)

Types of ethics complaints

Scopus

- 데이터, 사례 조작
- 고의적인 데이터 위조
- 표절

- **Fabrication of data or cases**
- **Wilful falsification of data**
- **Plagiarism**

FFP

serious

- 윤리 준수하지 않음
- 누락데이터를 인정하지 않음
- 이상치를 무시
- 부작용에 대한 자료 없음
- 저작권 선물
- 중복출판
- 불충분한 문헌 조사

- **No ethics approval**
- **Not admitting missing data**
- **Ignoring outliers**
- **No data on side effects**
- **Gift authorship**
- **Redundant publication**
- **Inadequate literature search**

QRP

FFP = Falsification, Fabrication, Plagiarism (날조/조작, 변조/위조, 표절)

QRP = Questionable Research Practice; (부적절한 연구 행위)



Plagiarism

Scopus

- Literal copying without acknowledgement or permission
- Substantial copying
- Paraphrasing ideas without acknowledgement
- Reproducing portions of an author's own work
- 승인 또는 허락 없이 그대로 복사(인용)
- 상당 부분 복사
- 승인 없이 아이디어 활용
- 저자 자신의 논문을 일정부분 복사(재인용)



Educating researchers on Publication ethics

Scopus

ethics
IN RESEARCH & PUBLICATION

Be smart. Be ethical. Get ahead.

Home Ethics Toolkit Quiz Experts' Corner Community Tools of the Trade Resources Contact Us

A Plagiarism Carol
University of Bergen

As researchers, you can make valuable and lasting

So you think you're ethical?

www.ethics.elsevier.com



Publishing Ethics Resource Kit (PERK)

Scopus

- First stop for editors: advice on how to handle ethics cases (편집인들이 첫번째로 검토해야 할 사항: 윤리 관련 이슈를 어떻게 처리해야 하는지에 대한 조언)
- Policy statements, form letters, case studies (some from COPE), flow-charts and decision-trees (정책, 포맷, 사례, 플로우 차트, 의사결정분석방법)

<http://www.elsevier.com/editors/perk>



25



Scopus

- Independent body (독립기구)
- Started in 1997 as “self-help” group of editors (e.g. Richard Horton, *Lancet*) (1997년 편집인들의 “self-help” 그룹으로 1997년 시작)
- As of 2008, all Elsevier journals part of COPE: first major publisher to do so (2008년 모든 엘스비어 저널은 COPE의 멤버십 가입, 엘스비어는 세계적인 출판사 중 최초로 COPE 멤버)
- Website with searchable database of sample cases back to 1997 (웹 사이트에 1997년 이후 사례 제공)
- Teleconferences where editors can seek advice on tricky cases (원격회의를 통해 복잡한 사례에 대한 조언)
- Online distance-learning modules for Editors (편집인을 위한 온라인 원격 학습 모듈)



<http://publicationethics.org/>





QUICK REFERENCES



The broad source for research answers



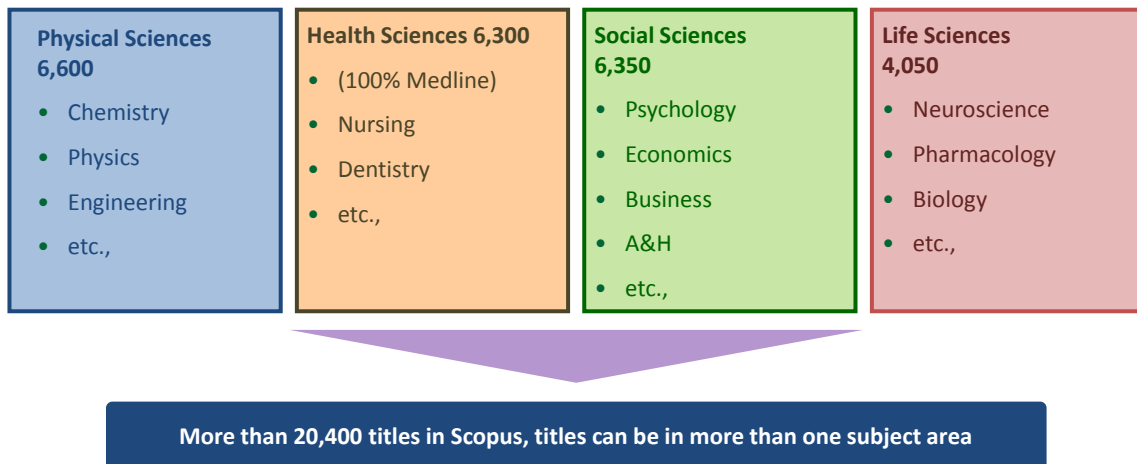
| 21,000 active titles | 20,000 Peer reviewed journals | 393 Trade journals | 371 Book series | 240 Conf. series |
|---|--|-----------------------|--|---------------------|
| A rich and extended coverage including | 21.2M pre-1996 records 29.5M post-1995 records >50M records 64k pre-1996 conf events 10.5k post-1995 conf events 5.7M total conference records (10%) 844k book items | | <ul style="list-style-type: none">▪ Content from > 5,000 publishers▪ “Articles in Press” from > 3,750 titles▪ Abstracts going back to 1823▪ 40 languages covered▪ 380 M integrated scientific websites▪ 24M Patents | |
| | Total average processing time: 5 days | | | |

<Scopus 등재 출판물 형태 분석>



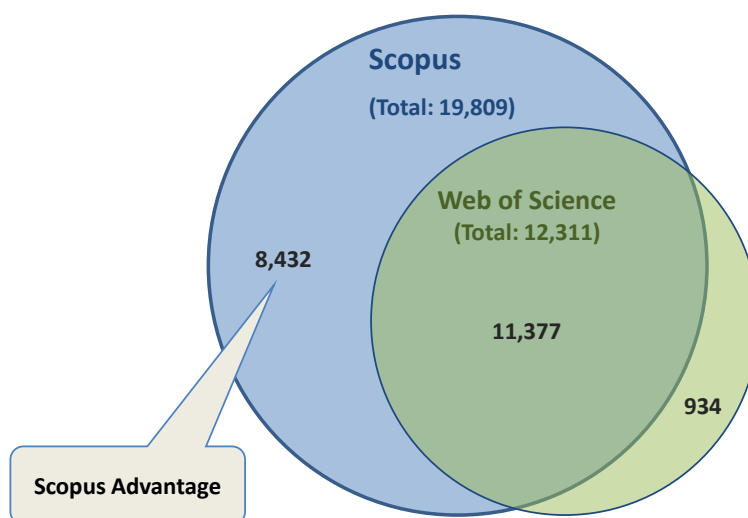
Breadth of coverage across subject areas

Scopus



Broader coverage than nearest peer

Scopus



<Scopus와 경쟁 DB의
타이틀 중복 현황 비교>

Source: <http://adat.crl.edu/>, May 2012



Broader coverage = higher citations

Scopus

New England Journal of Medicine

Volume 350, Issue 9, 26 February 2004, Pages 865-875

Relation of Serial Changes in Childhood Body-Mass Index to Impaired Glucose Tolerance in Young Adulthood

Bhargava, S.K.^a, Sachdev, H.S.^{bf}, Fall, C.H.D.^e, Osmond, C.^e, Lakshmy, R.^c, Barker, D.J.P.^e, Biswas, S.K.D.^d, Ramji, S.^b, Prabhakaran, D.^c, Reddy, K.S.^c



^a Department of Pediatrics, Sunder Lal Jain Hospital, Delhi, India

^b Department of Pediatrics, Maulana Azad Medical College, New Delhi, India

^c Department of Cardiology, All India Inst. of Medical Sciences, New Delhi, India

[View additional affiliations](#)

Cited by since 1996

This article has been cited **425 times** in Scopus:
(Showing the 2 most recent)

Wehkalampi, K., Muurinen, M., Wirta, S.B.
Altered Methylation of IGF2 Locus 20 Years after Preterm Birth at Very Low Birth Weight
(2013) *PLoS ONE*

DeBoer, M.D., Chen, D., Burt, D.R.
Early childhood diarrhea and cardiometabolic risk factors in adulthood: The Institute of Nutrition of Central America and Panama Nutritional Supplementation Longitudinal Study
(2013) *Annals of Epidemiology*

[View details of all 425 citations](#)

Web of Science®

Title: **Relation of serial changes in childhood body-mass index to impaired glucose tolerance in young adulthood**

Author(s): Bhargava, SK; Sachdev, HS; Fall, CHD; et al.

Source: NEW ENGL JOURNAL OF MEDICINE Volume: 350 Issue: 9 Pages: 865-875 DOI: **10.1056/NEJMoa035698** Published: FEB 26 2004

Times Cited: **385** (from Web of Science)

[Full text](#) [View abstract](#)



Scopus의 등재 출판물의 종수가 많기 때문에 피인용 횟수 상대적으로 높음

Scopus selection criteria

Scopus

Eligibility (최소요건 심사)

- Peer-review: 동료 연구자의 심사평가
- English abstracts: 영문 초록
- Regular publication: 학술지의 정기적인 발행
- References in Roman script: 참고문헌 영문으로 작성
- Publication ethics and malpractice statement: 출판물 윤리 규정

Journal policy (정책)

- Convincing editorial concept/policy: 편집정책 및 방향
- Level of peer-review: 동료평가 제도
- Diversity in geographic distribution of editors: 편집인의 다양성
- Diversity in geographic distribution of authors: 저자의 다양성

Quality of content (편집)

- Academic contribution to the field: 학문에 기여도
- Clarity of abstracts: 초록 상태
- Quality and conformity with stated aims & scope: 학술지 목적에 부합 정도
- Readability of articles: 이독성

Journal standing (인용도)

- Citedness of journal articles in Scopus: 학술지 인용도
- Editor standing: 편집인 인용도

Regularity (정규성)

- No delay in publication schedule: 정시 발행

Online availability (접근성)

- Content available online: 온라인 접근성
- English-language journal home page: 홈페이지 언어
- Quality of home page: 홈페이지 상태



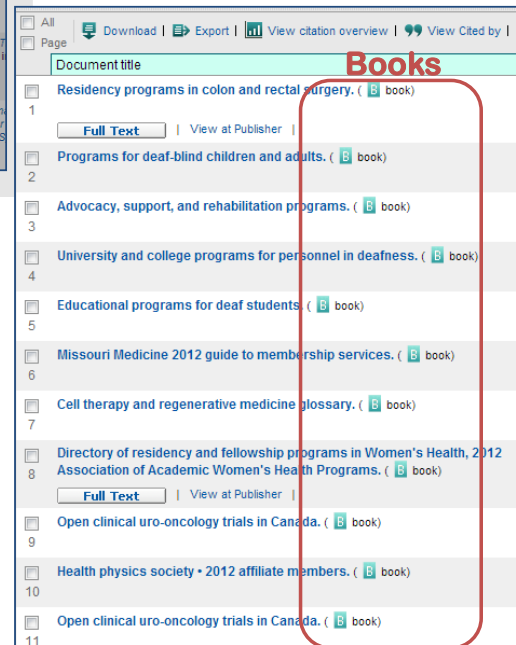
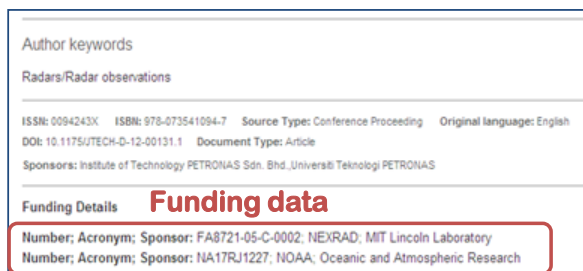
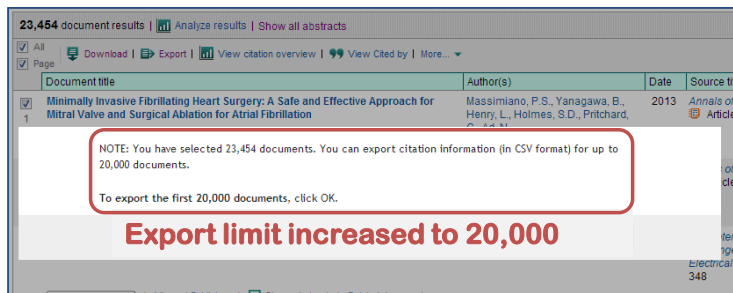
<http://www.info.sciverse.com/scopus/scopus-in-detail/content-selection>

Scopus update

Scopus

Scopus 기능 업데이트

- 데이터 다운로드: 20,000 건
- Funding 정보 제공
- 인문, 사회, 예술 관련 도서 추가



Questions?

Scopus

titlesuggestion@scopus.com



ORCID

Scopus

Claiming who you are

Open Researcher and Contributor ID(ORCID): 세계 연구자들의
이름표기 문제를 다루며, 연구자 별 고유번호 부여



The Challenge: Scholarly Name Ambiguity

Scopus

Many researchers that too closely
resemble one another.

(비슷한 이름의 연구자들이 매우 많음)



Dr. Lee



Dr. Lee



Dr. Lee

Researchers publish
under name variations.



Dr. Lee
Dr. J. Lee
Dr. James Lee

연구자들은 이름을 여러 가지
방식으로 표기하여 논문 출판



The Solution: The ORCID Registry

Scopus



Dr. Lee
Dr. J. Lee
Dr. James Lee

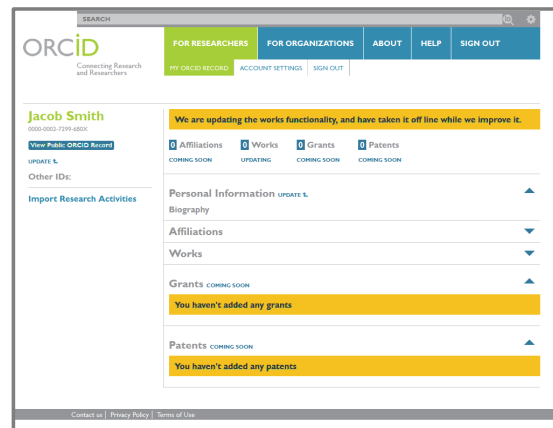


Dr. James Lee
46533489

Open Research and Contributor ID (ORCID)

Aims to solve the name ambiguity problem in research and scholarly communications by creating a central registry of unique identifiers for individual researchers

연구자별 고유번호 부여함으로써 연구 및 학술 커뮤니케이션에 나타날 수 있는 저자들의 이름 모호성 문제를 해결하는 것을 목표로 함



The (Future) Benefits of ORCID

Scopus

By issuing unique identifiers to all researchers, ORCID aims to facilitate discovery and evaluation for researchers, institutions, scholarly societies and publishers.

(ORCID는 모든 연구자에 고유 식별번호를 발행하여, 연구자, 기관, 학회, 출판사들이 검색 및 평가를 편리하게 할 수 있도록 지원)



46533489



Joins faculty or student body

Joins scholarly society

Applies for grant

Submits manuscript



Get your own ORCID

Scopus

Scopus
저자페이지에서 “Add to ORCID”를 클릭하여, ORCID와 연동

Link to add to ORCID, opens the Scopus to ORCID feedback wizard

Scopus2ORCID: Easy ORCID Set Up

Scopus

orcid.scopusfeedback.com

Scopus의 저자 페이지를 통한 “ORCID” 계정 셋업

Scopus2ORCID: Easy ORCID Set Up

Review your authored publications

ORCID

Josiah Carberry

Confirm your email address at josiah@yourdomain.com

Enter via Scopus2ORCID Wizard or from ORCID!

More than **150,000** ORCID IDs to date
(of which **25%** through Scopus2ORCID)
(현재 150,000명의 저자 ORCID ID 신청, 25%가
Scopus2ORCID를 통해 ORCID ID 발급받음)



Great free tool to manage your research

Scopus

<http://www.mendeley.com/>

(연구관리를 위해 무료로 이용 가능한 툴)



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- Easily import papers from other research software
- Find relevant papers based on what you're reading
- Access your papers from anywhere online
- Read papers on the go, with our new iPhone app
- View more features...

First name

Last name

E-mail address

Sign up & Download

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WATCH THE VIDEO

Scopus

Q & A

Thank You

Note

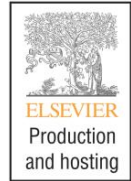


3. Production & Hosting (Elsevier 와 공동출판)

장현주 차장

Elsevier 한국지사





Production and Hosting services

– Elsevier와 공동출판 –

30 August, 2013

Elsevier Korea

Product Sales Manager, Scopus & SciVal

장현주 차장



Contents

Bibliometric index for Journals

- Journal Index
- Journal Performance Analysis
- Authors Performance Analysis

Production & Hosting Service

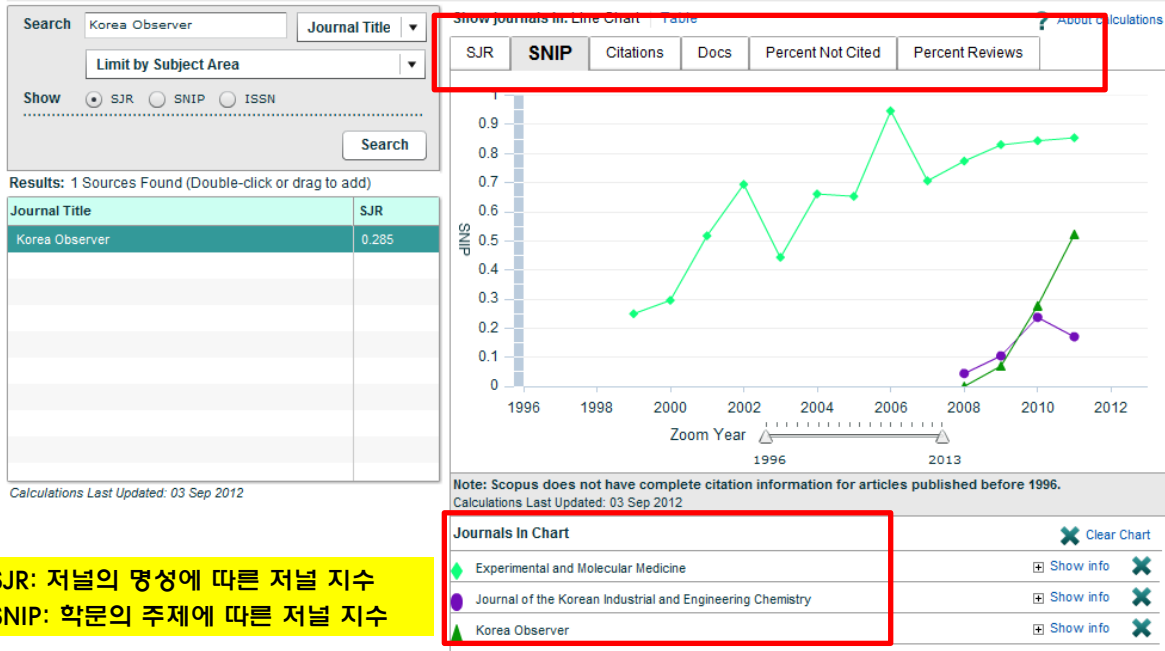
- Production & Hosting
- Case Studies
- Summary



저널 평가 및 비교

- 개별 저널 평가 및 분석: 논문 수, 피인용 건수, 인용되지 않은 논문 수, 리뷰 비율, **SJR, SNIP 지수** (3년간의 인용패턴, 1년 2회 업데이트)

Journal Analyzer



SJR: 저널의 명성에 따른 저널 지수
SNIP: 학문의 주제에 따른 저널 지수

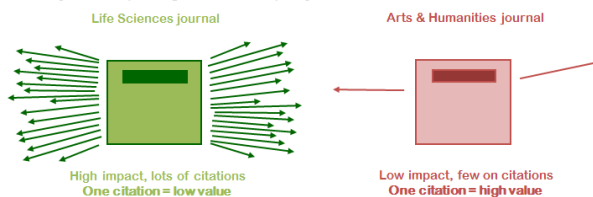


SJR (SCImago Journal Rank)



- SJR (SCImago Journal Rank) Indicator: **학술지의 명성에 따른 지수**
- 스페인 Consejo Superior de Investigaciones Científicas 교수인 Felix de Moya에 의해 개발
- “모든 인용을 동등하게 평가하면 안 된다” 는 전제하에 Google의 PageRank 알고리즘을 기반으로 완성
- 학술지의 주제, 질, 명성은 SJR지수를 산출하는 데 직접적인 영향 미침
- 예) 인용도 지수가 낮은 학술지에서 인용하는 것보다 Cell, Nature, Lancet 등 인용도 지수가 높은 학술지에서 인용하는 것을 더 높이 평가 (Transfer of Prestige: 명성의 이전)

Prestige metric: Prestige transferred when a journal cites
 • Citations are weighted depending on where they come from
 • A journal's prestige is shared equally between its citations



SJR normalizes for differences in citation behaviour between subject fields

SJR 평균 = 1

$$SJR2_i = \frac{PSJR2_i}{\left(\frac{Art_i}{\sum_{j=1}^N Art_j} \right)} = \frac{PSJR2_i}{Art_i} \sum_{j=1}^N Art_j$$

SJR i: 학술지 i의 SCImago Journal Rank
 Cji: 학술지 j로부터 학술지 i에 대한 인용빈도
 Cj: 학술지 j의 참고문헌 수
 Art j: 학술지 j의 논문 수, N: 학술지 종수
 Cos ji: 학술지 j와 i의 동시인용형태 간의 코사인

$$PSJR2D = \sum_{i=1}^N \sum_{j=1}^N \frac{(Cos_{ji} \cdot C_{ji})}{\sum_{h=1}^N (Cos_{jh} \cdot C_{jh})} PSJR2_j$$



SNIP (Source Normalized Impact per Paper)

- Leiden 대학 CWTs (Center for Science & Technology Studies) Henk Moed 교수에 의해 개발된 평가지수
- SNIP은 해당연도의 Impact 와 인용잠재력 (Citation Potential) 간의 비율로 계산
- 학술지의 주제분야별 인용패턴 고려
- 논문이 얼마나 빠르게 해당 주제분야에 영향을 미치는지
- 주제분야 학술지의 Coverage 고려

SNIP 2 = RIP (Raw Impact Per Paper)

RDCP (Relative Database Citation Potential)

2011 RIP: 특정 학술지에서 2010, 2009, 2008년에 출판된 논문들의

2011년에 인용된 횟수

2010-2008년에 발표된 논문수로 나눈 값

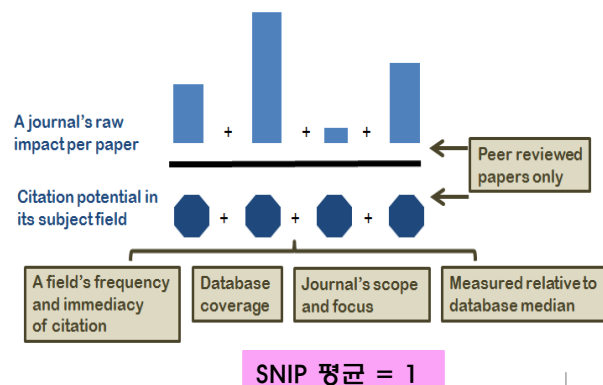
2011 DCP: 특정 학술지에서 2010, 2009, 2008년에 출판된 논문들을

2011년도에 인용한 모든 논문에서 인용한 참고문헌들 중

2010-2008년 출판된 참고문헌들의 총수

인용한 논문들의 총수로 나눈 값

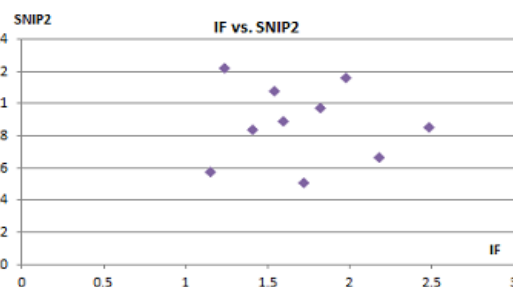
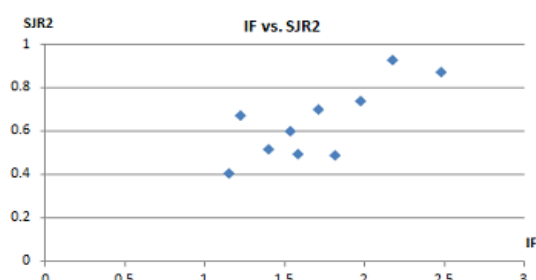
RDCP: 데이터베이스에 포함된 학술지들에 대해 DCP 순서로 나열했을 때의 중간 값에 해당하는 학술지의 DCP



Journal index Comparison

<우리나라 학술지: 2011 영향력 지수 비교>

| No | Title | Publisher | 2011 IF | Rank | 5-Yr IF | 2011 SNIP2 | 2011 SJR2 |
|----|---|------------|---------|------------|---------|------------|-----------|
| 1 | Experimental and Molecular Medicine | 생화학분자생물학회 | 2.481 | 50 of 111 | 2.384 | 0.854 | 0.871 |
| 2 | Molecules and Cells | 한국분자세포생물학회 | 2.178 | 191 of 289 | 1.993 | 0.663 | 0.926 |
| 3 | Journal of Industrial and Engineering Chemistry | 한국공업화학회 | 1.977 | 51 of 152 | 1.647 | 1.159 | 0.739 |
| 4 | Electronic Materials Letters | 대한금속재료학회 | 1.819 | 73 of 231 | | 0.974 | 0.486 |
| 5 | BMB Reports | 생화학분자생물학회 | 1.718 | 220 of 289 | 2.003 | 0.504 | 0.698 |
| 6 | Archives of Pharmacol Research | 대한약학회 | 1.592 | 38 of 59 | 1.624 | 0.892 | 0.492 |
| 7 | Korean Journal of Radiology | 대한영상의학학회 | 1.538 | 65 of 116 | 1.882 | 1.078 | 0.597 |
| 8 | Journal of Medicinal Food | 한국식품영양과학회 | 1.408 | 55 of 128 | 1.687 | 0.838 | 0.514 |
| 9 | Smart Structures and Systems | 국제구조공학회 | 1.231 | 28 of 118 | 1.248 | 1.218 | 0.669 |
| 10 | Macromolecular Research | 한국고분자학회 | 1.153 | 45 of 78 | 1.212 | 0.572 | 0.407 |



<그림 3. 국내학술지의 IF vs. SJR, SNIP2 상관관계>

<Source: 학술지 생산성 분석을 위한 영향력 지수 및 활용을 위한 제안, 2013, 김형준, 장현주>



Journal Performance Analysis

Journal Subject, SNIP, SJR, International Collaboration, Uncited rate, Citation Per Article (CPA), H-index, Usage (Abstract, Fulltext Link)

Analysis data source: 3 Years Data, Scopus, SCImago, Scopus usage(전세계)

| Source Title | Subject | SNIP Percentile | SJR Percentile | International Collaboration | Uncited Rate | Citation Per Article | Average H-index | Abstract Usage | Fulltext link Usage |
|-----------------------|----------|-----------------|----------------|-----------------------------|--------------|----------------------|-----------------|----------------|---------------------|
| Journal of Industrial | Physical | 26.01% | 20.89% | 13.40% | 25.0% | 4.2 | 10.7 | 6524.3 | 4874.7 |
| International Journal | Physical | 26.09% | 38.30% | 12.16% | 29.6% | 2.4 | 6.7 | 1663.0 | 1048.7 |
| Metals and Materials | Physical | 27.36% | 20.75% | 16.45% | 28.8% | 2.7 | 7.7 | 2487.7 | 1795.3 |
| ETRI Journal | Physical | 27.86% | 38.06% | 12.19% | 31.4% | 2.9 | 7.7 | 1708.7 | 679.3 |
| Wind and Structures | Physical | 29.70% | 31.00% | 31.15% | 29.2% | 2.5 | 4.3 | 978.3 | 311.0 |
| Smart Structures and | Physical | 30.10% | 31.01% | 27.38% | 34.2% | 3.9 | 6.7 | 961.0 | 299.0 |
| International Journal | Physical | 31.35% | 37.76% | 9.60% | 25.2% | 2.9 | 8.3 | 1335.3 | 890.0 |
| International Journal | Physical | 31.94% | | 0.00% | 39.5% | 1.4 | 3.0 | 164.5 | 113.5 |
| Current Applied Phys | Physical | 34.16% | 36.06% | 14.73% | 30.3% | 4.3 | 15.3 | 13813.3 | 13475.0 |
| Photochemical and P | Physical | 36.15% | 32.06% | 33.81% | 30.9% | 5.7 | 13.3 | 4908.0 | 4785.7 |
| Nuclear Engineering | Physical | 36.36% | 45.45% | 10.71% | 33.0% | 2.2 | 4.7 | 838.3 | 341.0 |
| Steel and Composite S | Physical | 36.79% | 19.81% | 11.23% | 29.1% | 2.1 | 3.7 | 755.7 | 228.0 |
| International Journal | Physical | 36.99% | 60.80% | 11.54% | 37.3% | 1.6 | 3.7 | 195.0 | 119.0 |
| Geosciences Journal | Physical | 37.41% | 32.64% | 30.68% | 32.0% | 1.9 | 3.7 | 812.3 | 385.7 |
| Journal of Electrical | Physical | 38.83% | 58.14% | 15.42% | 34.9% | 2.1 | 5.3 | 509.3 | 238.0 |
| Steel and Composite S | Physical | 36.79% | 19.81% | 11.23% | 29.1% | 2.1 | 3.7 | 755.7 | 228.0 |
| Metals and Materials | Physical | 27.36% | 20.75% | 16.45% | 28.8% | 2.7 | 7.7 | 2487.7 | 1795.3 |



Journal Performance Analysis – 개별저널 1

Experimental and Molecular Medicine

Formerly known as: Korean Journal of Biochemistry
Subject Area:

Biochemistry, Genetics and Molecular Biology: Biochemistry
Biochemistry, Genetics and Molecular Biology: Clinical Biochemistry
Biochemistry, Genetics and Molecular Biology: Molecular Biology
Biochemistry, Genetics and Molecular Biology: Molecular Medicine
Korean Society of Med. Biochemistry and Mol. Biology
1226-3613
from 1996 to 2012

Publisher:

ISSN:

Scopus Coverage Years:

Journal Metrics

Scopus Journal Metrics offer the value of context with their citation measuring tools. The metrics below allow for direct comparison of journals, independent of their subject classification. To learn more, visit www.journalmetrics.com.

SJR (SCImago Journal Rankings) ⓘ

2011 : 0.871

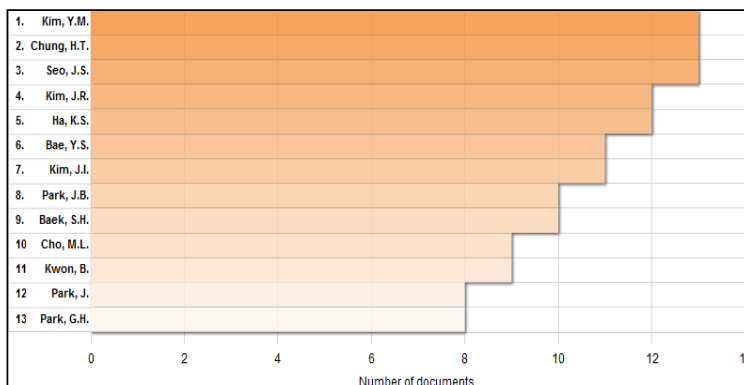
SNIP (Source Normalized Impact per Paper) ⓘ

2011 : 0.854

Compare with other Sources:

[View journal analyzer](#)

<주요 저자(논문 출판 순)>



<논문 출판 현황>

| YEAR | Articles | Citations | CPA |
|-------|----------|-----------|------|
| 2013 | 35 | 6 | 0.2 |
| 2012 | 83 | 157 | 1.9 |
| 2011 | 80 | 354 | 4.4 |
| 2010 | 87 | 647 | 7.4 |
| 2009 | 103 | 1,115 | 10.8 |
| 2008 | 81 | 762 | 9.4 |
| 2007 | 91 | 1,360 | 14.9 |
| 2006 | 86 | 1,318 | 15.3 |
| 2005 | 76 | 1,346 | 17.7 |
| 2004 | 76 | 1,458 | 19.2 |
| 2003 | 78 | 1,404 | 18.0 |
| 2002 | 45 | 821 | 18.2 |
| 2001 | 11 | 28 | 2.5 |
| 1999 | 2 | 3 | 1.5 |
| 1997 | 2 | 1 | 0.5 |
| Total | 936 | 10,780 | 11.5 |

- Citation per article(CPA): 11.5
- H-index: 41
- SJR: 0.871
- SNIP: 0.854

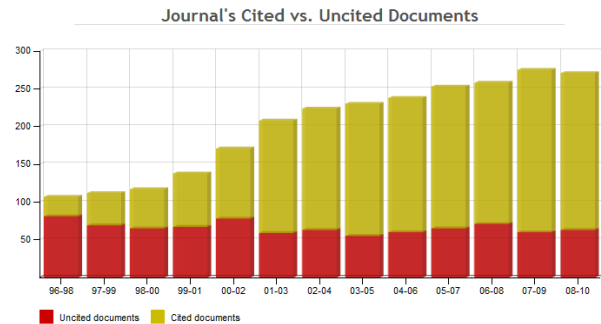


Journal Performance Analysis – 개별저널 2

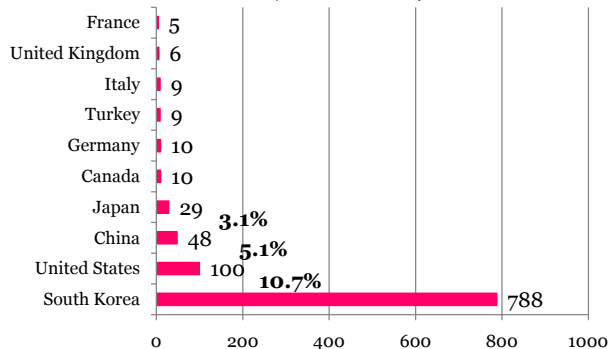
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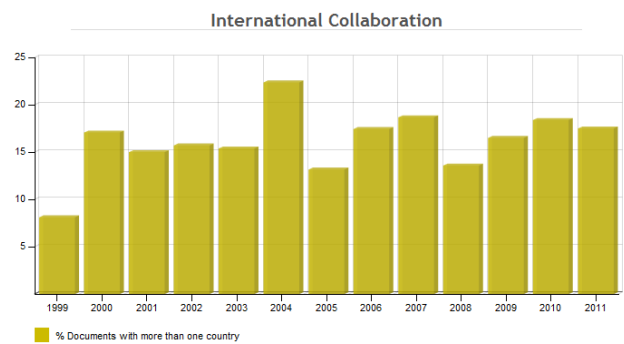
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<주요 국가 (논문 출판 순)>

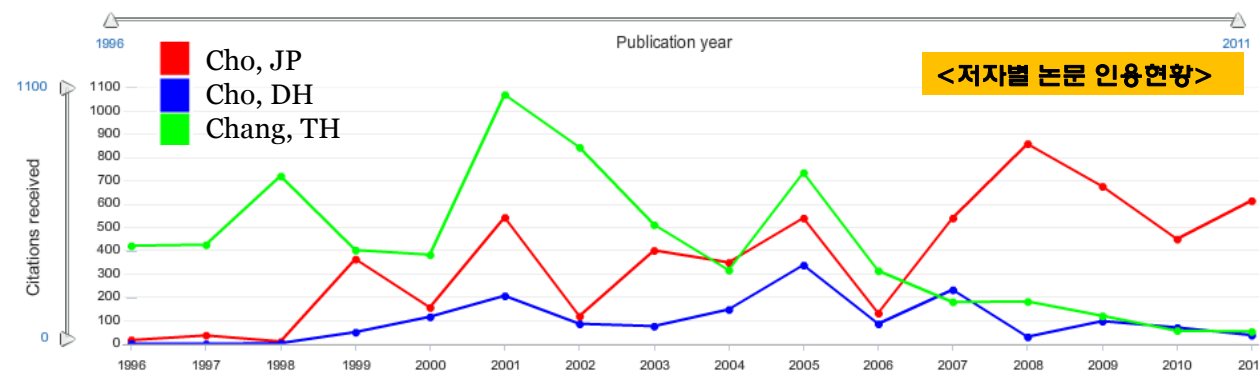
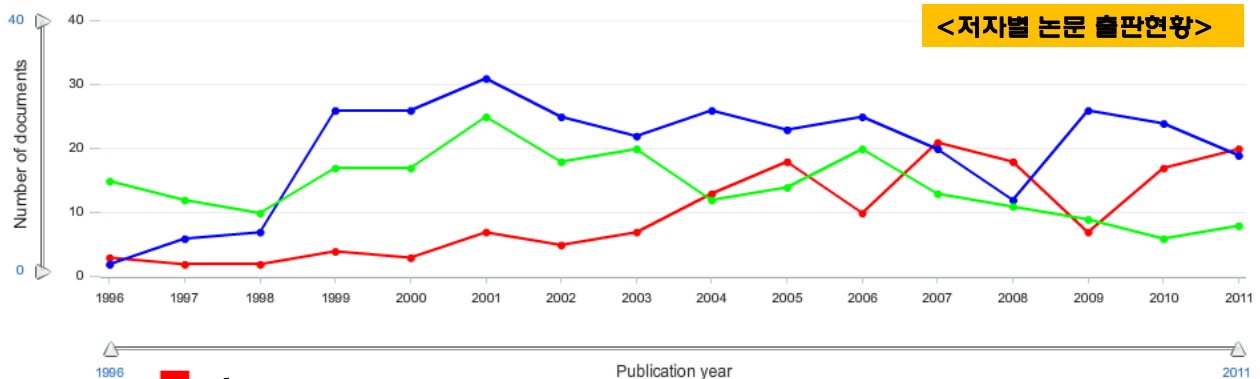


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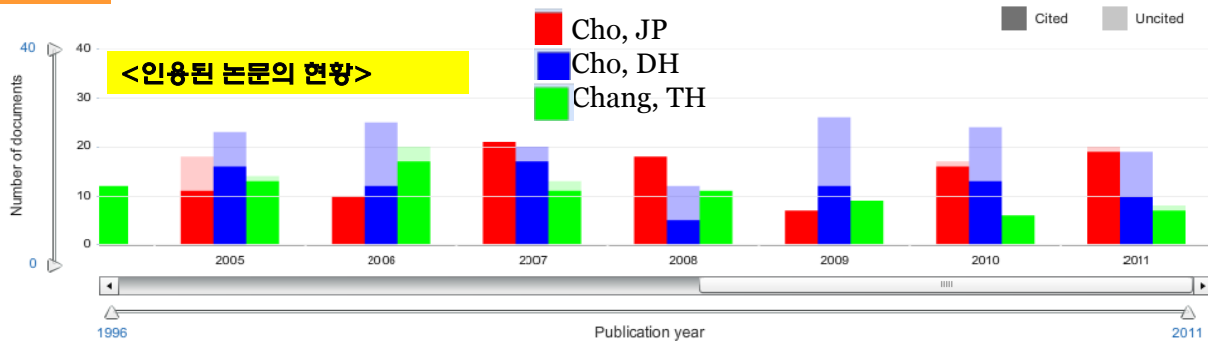
Authors Performance Analysis - 1

3명의 저자 연구성과 비교 / 분석: Subject, No. of articles, No. of citation, H-index, Cited/Uncited, Collaboration





Authors Performance Analysis - 2



<H-index / M-index>

| Index | Cho, JP | Cho, DH | Chang, TH |
|-----------------|---------|---------|-----------|
| <i>h</i> -index | 41 | 19 | 43 |
| <i>g</i> -index | 70 | 29 | 71 |
| <i>m</i> -index | 2.278 | 1.056 | 2.389 |

| Region / Country | Number of documents | | |
|------------------|---------------------|---------|-----------|
| | Cho, JP | Cho, DH | Chang, TH |
| ⊕ Africa | | | 2 |
| ⊕ Asia Pacific | 150 | 315 | 165 |
| ⊕ Europe | | | 34 |
| ⊕ Middle East | | | 3 |
| ⊕ North America | 23 | 1 | 100 |

<No. of collaboration>

<Author performance metrics>

| No | Author | No. of articles | No. of citations | Cited | Uncited | Uncited rate | H-index | M-index | APAC Collaboration | US Collaboration |
|----|-----------|-----------------|------------------|-------|---------|--------------|---------|---------|--------------------|------------------|
| 1 | Cho, JP | 157 | 5821 | 144 | 13 | 8.3% | 41 | 2.278 | 150 | 23 |
| 2 | Cho, DH | 320 | 1598 | 203 | 117 | 36.6% | 19 | 1.056 | 314 | 1 |
| 3 | Chang, TH | 227 | 6748 | 212 | 15 | 6.6% | 43 | 2.389 | 165 | 100 |



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Production and Hosting Solution

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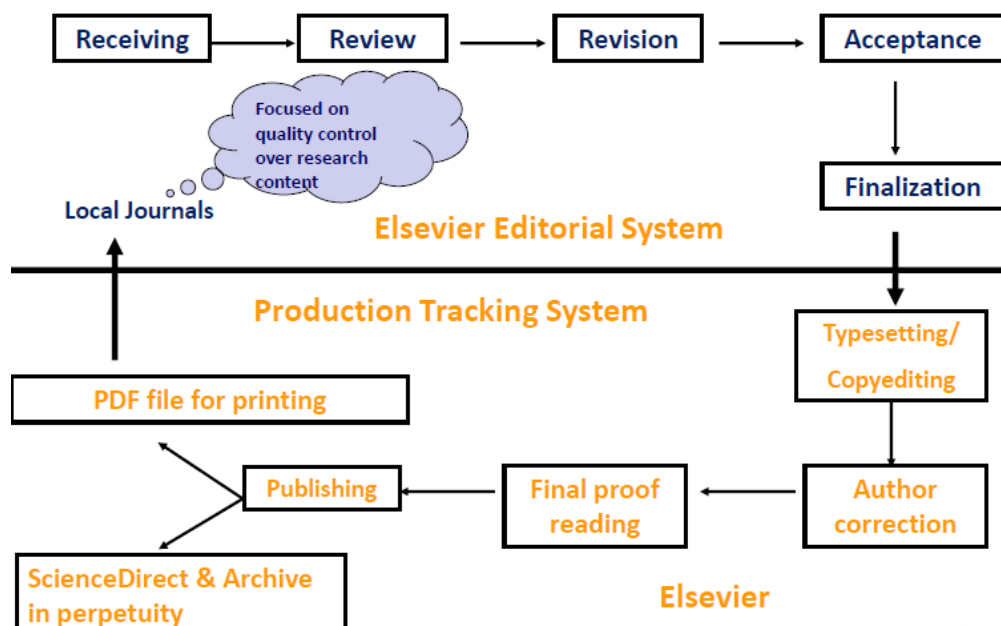
특징


- ScienceDirect 상에서 저널 이용(Gold Open Access): 홈페이지, 아티클 이용
- Elsevier Editorial System(EES)를 이용한 투고, 심사, 편집
- 저널의 편집권, 소유권, 저작권은 출판사가 확보
- 저널 이용통계, 편집성과(투고, 심사결과, 인용데이터 추적) 관련 리포트 제공
- Manuscript tracking, Typesetting, Search engine optimization, Reference linking, CrossRef 등 지원
- Scopus Access 권 제공



Production and Hosting Journal Publishing Flowchart

- EES 사이트를 통한 이용자의 논문투고에서 SD상에 아티클이 제공되는 전 과정
- 출판사: 편집과정 전반에 대한 책임 (Peer-review, 편집위원 구성, Assignment 등)
- 엘스비어: Typesetting, 교정, PDF 업로드, 인쇄물 출판을 제외한 모든 과정 지원






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
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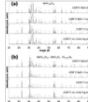
Keywords

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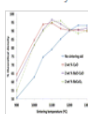
2. Experimental

3. Results

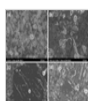
3.1. Phase identification




3.2. Density



3.3. Microstructure





Journal of Asian Ceramic Societies

Volume 1, Issue 2, June 2013, Pages 170–177



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CuO-based sintering aids for low temperature sintering of BaFe₁₂O₁₉ ceramics

Hung Vu^a, Dieu Nguyen^a, John G. Fisher^a, Won-Ha Moon^a, Seok Bae^a, Hee-Gyum Park^a, Byong-Guk Park^a

^a School of Materials Science and Engineering, Chonnam National University, Gwangju 500-757, Republic of Korea
^b LG Components R&D Center, LG Innotek Co. Ltd., Ansan-si, Gyeonggi-do 426-791, Republic of Korea
^c Dept. of Materials Science and Engineering, Korea Advanced Institute of Science and Technology, Daejeon 305-701, Republic of Korea

Abstract

This paper describes the effect of addition of 2 wt% of CuO, 30 mol% BaO–70 mol% CuO and BaCuO₂ liquid phase sintering aids on the densification, microstructure and magnetic properties of BaFe₁₂O₁₉ ceramics. Addition of the sintering aids enabled reduction of the sintering temperature from 1250 °C to 1100 °C. The sintering aids caused abnormal grain growth in ceramics sintered at 1100 °C, with CuO having the strongest effect. All samples sintered at 1250 °C showed abnormal grain growth. Addition of CuO and BaO–CuO caused the grain size distribution to shift to larger values compared to the sample without sintering aid. The effect of the sintering aids on grain growth behavior is explained using the interface-reaction control theory of grain growth. The increase in grain size caused a reduction in coercivity of the samples with sintering aid addition, particularly in the samples sintered at 1100 °C.

<http://dx.doi.org/10.1016/j.jascer.2013.05.002>

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Citing and recommended articles

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1989, Journal of Magnetism and Magnetic Materials
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Grain boundary glassy phase and abnormal grain gr...
2001, Ceramics International
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The effect of CuO addition on the sintering of lime
2001, Ceramics International
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혜택2: COPE membership, iThenticate tool

COPE COMMITTEE ON PUBLICATION ETHICS

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Promoting integrity in research publication

COPE is a forum for editors and publishers of peer reviewed journals to discuss all aspects of publication ethics. It also advises editors on how to handle cases of research and publication misconduct. [Read more about COPE...](#)

FEATURED

FORUM DISCUSSION TOPIC: Sharing of information among editors-in-chief regarding possible misconduct

The Forum discussion topic on Wednesday 4 September is "Sharing of information among editors-in-chief regarding possible misconduct". Click below to learn more and leave your comments.

NEWS & OPINION view all ▶

News / Clarification of COPE



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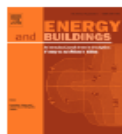
- 37+ billion current and archived web pages
- 129+ million content items comprised of:
 - 92+ million published works from journals, periodicals, magazines, encyclopedias, abstracts
 - 37+ million scholarly articles, books and conference proceedings from nearly 80,000 scientific, technical and medical journals
 - Custom databases of content based on organizations' comparison needs



혜택3: Journal Editorial/ Production Report (저널 성과 분석 보고서)



Journal Editorial/Production Report 2013



Energy & Buildings

An international journal devoted to investigations of energy use and efficiency in buildings

ISSN: 0378-7788

Publishing Editor: Louise Curtis (212-633-3126, l.morris@elsevier.com)

Journal Manager: Samantha Murray (s.murray@elsevier.com)

Content Development Manager: Maggie Yang (m.yang@elsevier.com)

Marketing Manager: Laure Ballu (l.ballu@elsevier.com)

Date: May 30, 2013

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1

30 페이지 분량의 저널 성과 분석 보고서 제공

- 아티클 채택, 누락등
- 저널 인용현황 분석
- Editors 성과분석 (리뷰결과)
- 나라별 이용율
- 저자 만족도 조사: Author Feedback

1. Summary

Editorial (EES/EM)

Articles received and processed by the Editorial Office (previous year's values in brackets for comparison).

| | Subm. | Final disposition | | | | Results | | | |
|-------|-----------------|-------------------|-----------------------------|------------|----------------|--------------------|-----------------|--------------------|----------------|
| | No. of articles | No. of articles | Processing times (in weeks) | | | Subm. to 1st decn. | Auth. rev. time | Sub. to fin. disp. | Withdrawn |
| Total | 702 (1392) | 554 (1184) | 9.5 (8.8) | 6 (6.6) | 18.9 (15.1) | 30 (4) | 232 (520) | 292 (660) | 0.56 (0.56) |

Measurements per May 30, 2013

Source <http://nonsolus/opsrep/reports.htm> [Journals] EES-Report18b(1)

Articles into production

Month values (previous year's values in brackets for comparison).

| Current year | Jan 2013 | Feb 2013 | Mar 2013 | Apr 2013 |
|--------------|--------------|--------------|--------------|--------------|
| Articles | 30 (37) | 85 (50) | 48 (67) | 23 (24) |
| Pages | 306 (331) | 772 (423) | 444 (591) | 225 (197) |

| Previous years | 2009 | 2010 | 2011 | 2012 | 2013 YTD |
|----------------|------|------|------|------|----------|
| Articles | 199 | 329 | 459 | 518 | 186 |
| Pages | 1668 | 2776 | 3921 | 4802 | 1747 |

Measurements per May 25, 2013

Source <http://nonsolus/opsrep/reports.htm> [Journals] Report26a



혜택4: CiteAlert

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The CiteAlert team

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Your article (random example article):
The magic of cluster SIMS
Winograd, N.
Analytical Chemistry
volume 77, issue 7, year 2005, pp. 142 - A149

How to get Published

21 |



혜택5: Scopus 제공

Scopus

- Peer-Reviewed된 연구문헌 정보를 제공하는 초록 및 인용 데이터베이스 .
- 전 세계 5,000여 개 이상의 출판사에서 출판되는 21,000종 이상의 타이틀 수록
과학, 기술, 의학, 사회과학, 인문, 예술 분야)

Scopus 액세스권 제공

- 엘스비어를 통한 출판 시 해당 학회 및 편집인에 Scopus에 대한 액세스권 제공
- Scopus를 통해 논문의 인용 건수, 편집인, 투고자(저자) 들의 연구업적 및 인용현황, 경쟁저널의 인용현황 분석

Scopus
Search | Sources | Analytics | Alerts | My list | Settings

Document search | Author search | Affiliation search | Advanced search

Search for: in Article Title, Abstract, Keywords ?
E.g., "heart attack" AND stress

Limit to:

Date Range (inclusive)
☒ Published All years to Present
☐ Added to Scopus in the last 7 days

Document Type
ALL

Subject Areas
☒ Life Sciences (> 4,300 titles.)
☒ Health Sciences (> 6,800 titles. 100% Medline coverage)
☒ Physical Sciences (> 7,200 titles.)
☒ Social Sciences & Humanities (> 5,300 titles.)

Journal Analyzer

Search: Limit by Subject Area
Show: ☒ SJR ☐ SNIP ☐ ISSN

Results: 1 Sources Found (Double-click or drag to add)

| Journal Title | SJR |
|--|-------|
| Journal of Applied Mathematics and Computing | 0.427 |

Calculations Last Updated: 03 Sep 2012

Show Journals in: Line Chart Table

Line Chart: SJR, SNIP, Citations, Docs, Percent Not Cited, Percent Reviews

Line Chart Data (approximate values):

| Year | SJR | SNIP |
|------|------|------|
| 1996 | 0.10 | 0.10 |
| 1998 | 0.15 | 0.15 |
| 2000 | 0.20 | 0.20 |
| 2002 | 0.30 | 0.30 |
| 2004 | 0.40 | 0.40 |
| 2006 | 0.50 | 0.50 |
| 2008 | 0.60 | 0.60 |
| 2010 | 0.70 | 0.70 |
| 2012 | 0.80 | 0.80 |

Journal In Chart

- ☒ SJR Reports
- ☒ Current Applied Physics
- ☒ Journal of Applied Mathematics and Computing



혜택6: 주요 색인 데이터베이스 등재 지원

Scopus

Search | Sources | Analytics | Alerts | My list | Settings

Document search | Author search | Affiliation search | Advanced search

Search for: in Article Title, Abstract, Keywords ?

E.g., "heart attack" AND stress

[Add search field](#) | [Search](#)

Limit to:

Date Range (inclusive)
☒ Published All years to Present
☐ Added to Scopus in the last 7 days

Document Type
 ALL

Subject Areas
☒ Life Sciences (> 4,300 titles)
☒ Health Sciences (> 6,800 titles. 100% Medline coverage)
☒ Physical Sciences
☒ Social Sciences

주요 데이터베이스 색인 지원:
Scopus, EI, non-Elsevier
indexing Database

Engineering Village

Search | Selected records | Settings | Tags & Groups | Bulletins

Quick Search | Expert Search | Thesaurus Search | eBook Search

DATABASE
☐ All ☒ Compendex ☒ Inspec ☒ NTIS ☒ PaperChem
☒ Chimica ☒ CBIB ☒ EnCompassLIT ☒ EnCompassPAT
☒ GEOBASE ☒ GeoRef ☒ US Patents ☒ EP Patents
☒ Referex

SEARCH FOR
 in Keyword
 AND in Keyword
 AND in Keyword

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 Treatment type not available
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 Language not available
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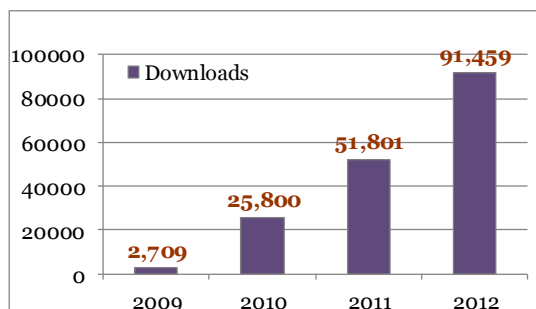
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Case studies 1: Usage and citations improvement

- S국가의 약학분야 저널: P&H 서비스 이용 후의 이용율과 논문 투고 관련 변화
- ScienceDirect 상에서의 아티클 다운로드 국제적으로 증가



*Top 3 being USA, Saudi Arabia and China

결과

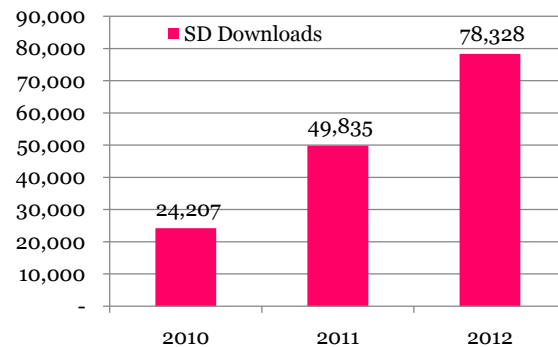
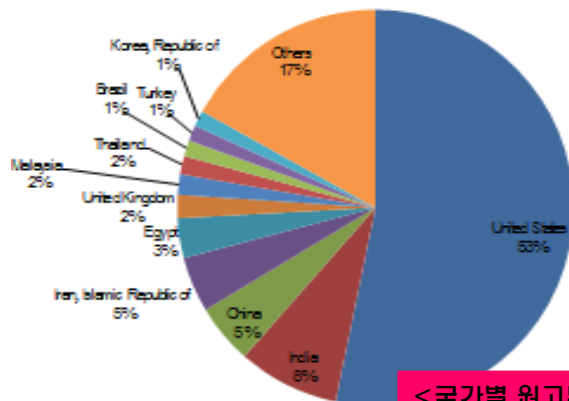
- GlaxoSmithKline, MIT, Yale University 대학을 비롯한 8,512개 기관의 이용자 이용
 - ✓ 편집위원: 8개 국가 저자
 - ✓ 20개 국가 저자들의 원고 투고
 - ✓ 원고 투고율이 지난 3년간 3배 상승
 - ✓ 2010년 Scopus, WoS에 등재
 - ✓ SNIP 지수 2배, IF 지수 5배 상승
 - ✓ Rejection rate이 2009년 3%에서 2012년 90% 정도로 높아짐



Case studies 2: Usage and citations improvement

C국가의 다학제 저널: P&H 서비스 이용 후 현황 분석 (2010년 이후 이용)

- 아티클 원문 다운로드 증가: 2010년 24,207건에서 2012년 78,328건으로 증가
- 피인용 건수 증가: 2010년 3건에서 2012년 139건으로 증가
- 이용국가: 50개국에서 원문 이용, 미국의 이용이 가장 많음
- 원고투고: 27개국 연구자들이 원고 투고



<SD Usage, Scopus citation>

| Year | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|
| Average Downloads per Article | 590 | 1246 | 2008 |
| Scopus citations | 3 | 58 | 139 |



Summary

Elsevier와 공동출판:

학회, 출판사의 저널의 질, 인지도 (이용율, 피인용), 영향력을 높여 드립니다.!!!

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- SD상에 저널 페이지 및 아티클 제공
- Elsevier Editorial System(EES) 제공
- Journal Performance 리포트 제공
- COPE membership, iThenticate 틀
- CiteAlert 제공
- Scopus 제공
- 주요 색인데이터베이스 등재 지원

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Note

[illegible]

Note

[illegible]



4. Elsevier Helps Strengthen the Global Research Community

지영석 회장

Elsevier(네델란드) 본사 회장

세계출판협회(IPA) 회장



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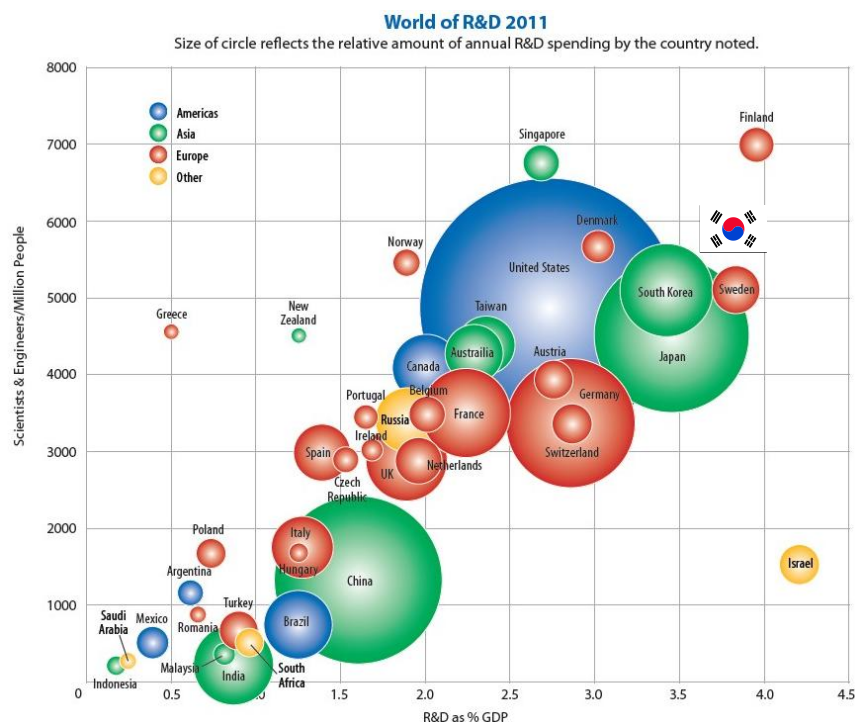
Elsevier Helps Strengthen the Global Research Community

Youngsuk “Y.S.” Chi
Chairman, Elsevier
30 August 2013



ELSEVIER

Growing R&D expenditure

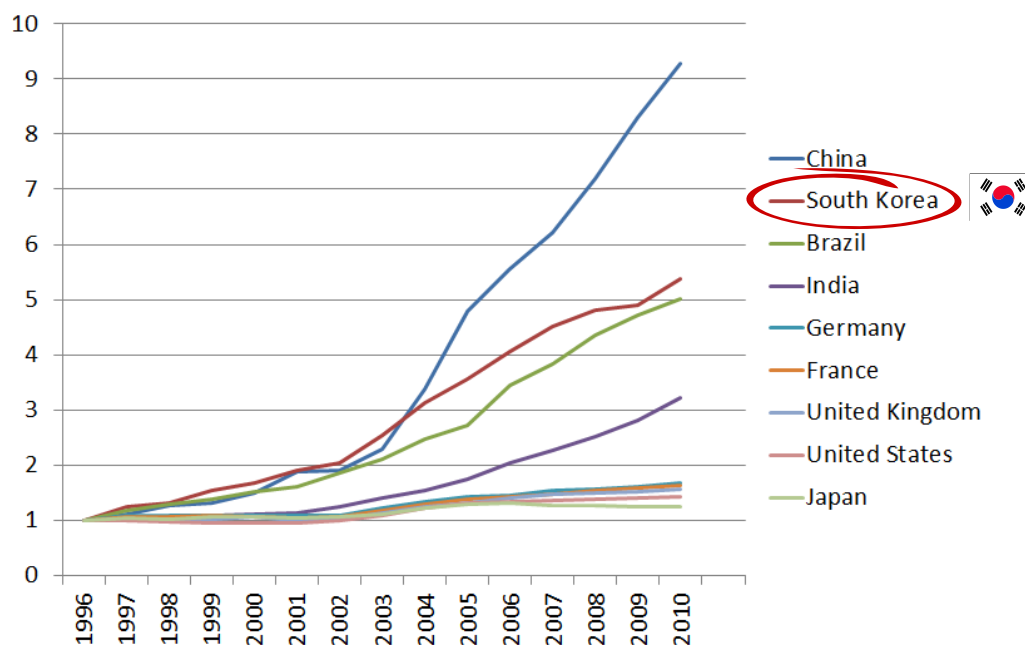


Source: Battelle, R&D Magazine, International Monetary Fund, World Bank, CIA World Factbook, OECD



Publication growth by country

Number of Publications by Country Normalized to 1996 Level



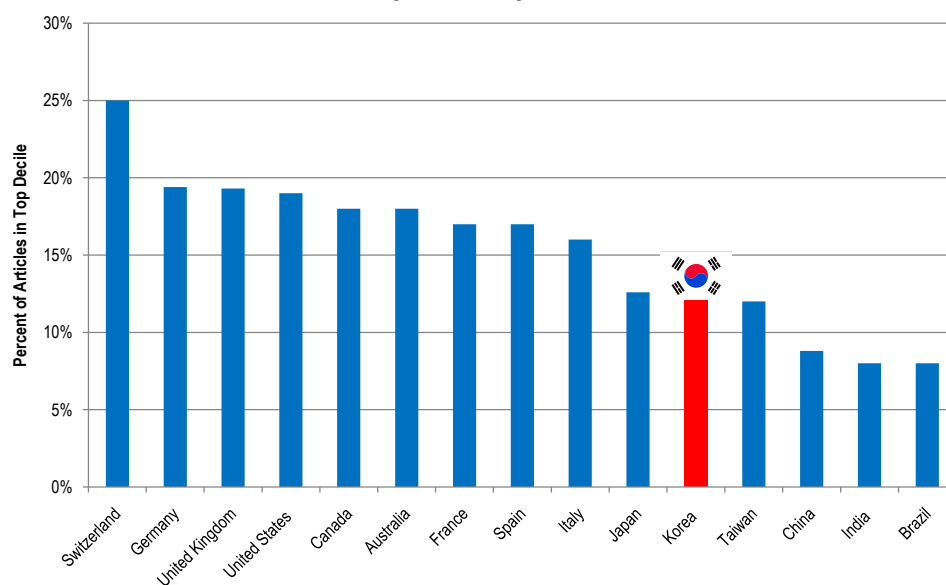
Source: SciVal data (data collected in May 2011)

3 |



Output in top decile (10%)

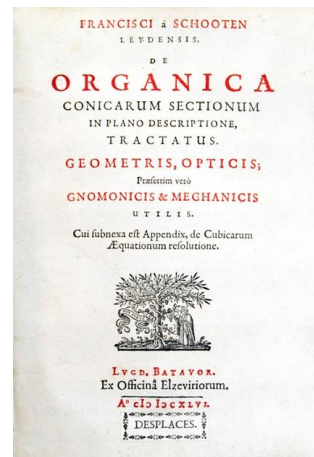
Outputs in Top Decile



4 |



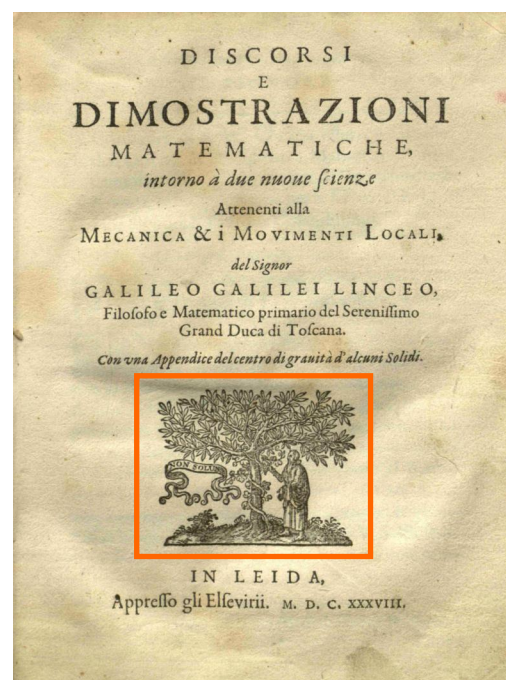
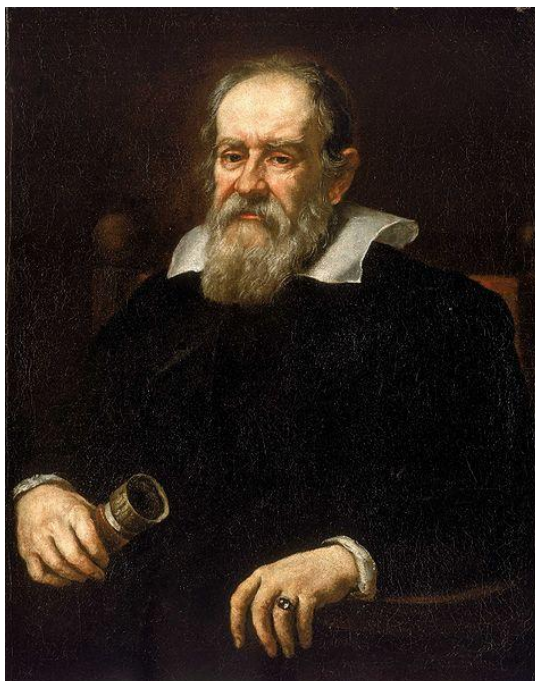
Long history of publishing



5 |



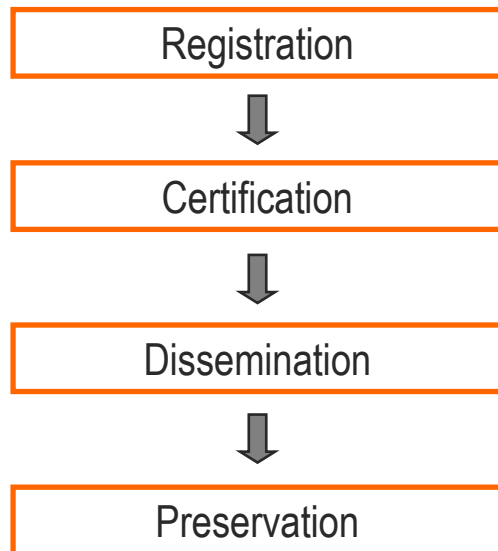
Galileo Galilei



6 |



Traditional role of publishers



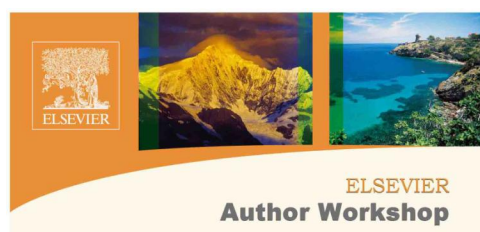
The Publishing Life Cycle



7 |



Personal infrastructure



8 |



Global leader in STM publishing

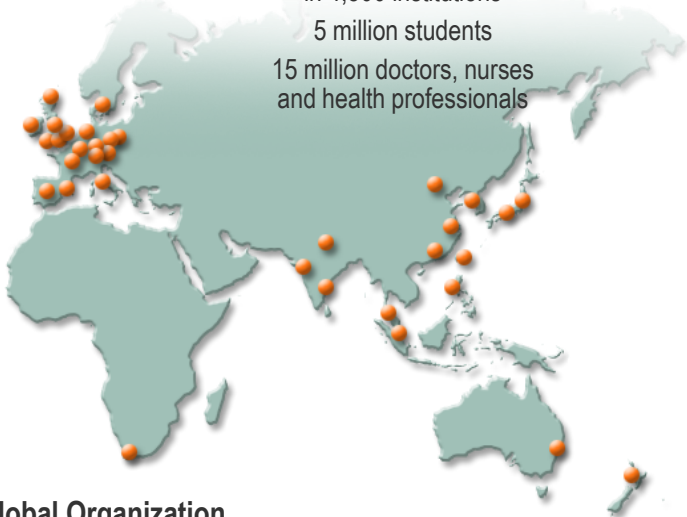
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7,000+ editors
70,000+ editorial board members
300,000+ reviewers
600,000+ authors



Global Output Networks

10 million+ researchers
in 4,500 institutions
5 million students
15 million doctors, nurses
and health professionals



Global Organization

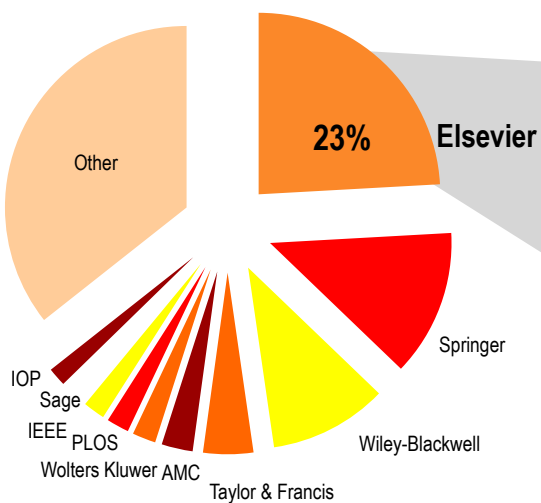
7,500 employees
78 offices in 25 countries

9 |



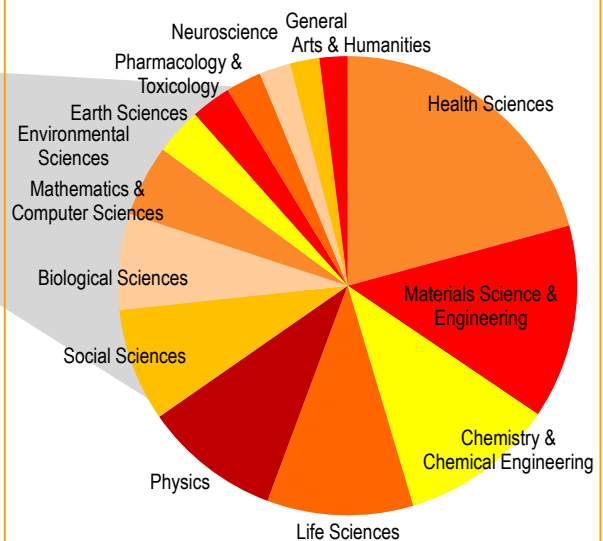
Global leader in STM publishing

Share of journal articles published



1 million+ English-language research
articles published globally each year

Share of journal articles by scientific discipline



1.3 million+ articles published with Elsevier in 2012

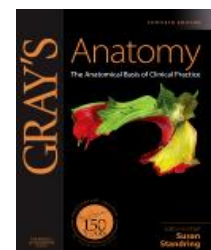
10 |



High quality content

53% Journals experiencing increase in Impact Factor over past year

49% Journals with an impact factor above their subject category's aggregate Impact Factor



11 |



Information Overload!



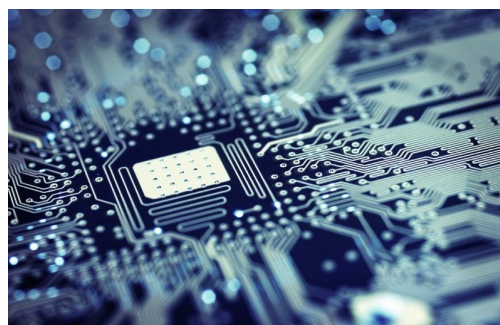
“Information that’s hard to find will remain information that’s hardly found”

– Information Architecture Institute

12 |



Ambidexterity



Content

Technology

13 |



Beyond content



The Elzevir print shop in Leiden



14 |



Leveraging technology

- S-Content
- Reuse of Content
- Managing Content

15 |



Then: “dead” content

Progress in Energy and Combustion Science 37 (2011) 52–68



Contents lists available at ScienceDirect

Progress in Energy and Combustion Science

journal homepage: www.elsevier.com/locate/pecs

Review

Production of liquid biofuels from renewable resources

Poonam Singh Nigam^{a,*}, Anoop Singh^b^aFaculty of Life and Health Sciences, University of Ulster, Coleraine BT52 1SA, Northern Ireland, United Kingdom^bBiofuels Research Group, Environmental Research Institute, University College Cork, Ireland

ARTICLE INFO

Article history:

Received 7 January 2009

Accepted 4 January 2010

Available online 4 May 2010

Keywords:

Biofuels

Agricultural residues

Lignocellulosic substrates

Biomass


First-generation biofuels

Second generation biofuels

Bioethanol

ABSTRACT

This article is an up-to-date review of the literature available on the subject of liquid biofuels. In search of a suitable fuel alternative to fast depleting fossil fuel and oil reserves and in serious consideration of the environmental issues associated with the extensive use of fuels based on petrochemicals, research work is in progress worldwide. Researchers have been re-directing their interests in biomass based fuels, which currently seem to be the only logical alternative for sustainable development in the context of economical and environmental considerations. Renewable bioresources are available globally in the form of residual agricultural biomass and wastes, which can be transformed into liquid biofuels. However, the process of conversion, or chemical transformation, could be very expensive and not worth-while to use for an economical large-scale commercial supply of biofuels. Hence, there is still need for much research to be done for an effective, economical and efficient conversion process. Therefore, this article is written as a broad overview of the subject, and includes information based on the research conducted globally by scientists according to their local socio-cultural and economic situations.



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Ultrasound in Medicine
Volume 36, Issue 2, February 2010, F

Nonlinear Emission from Individual Bound Microbubbles at High Frequencies

Michael R. Sprague^{a,*}, Emmanuel Chérin, David E. Goertz, F. Stulz
Department of Medical Biophysics, Sunnybrook Research Institute, University of Toronto

<http://dx.doi.org/10.1016/j.ultrasmedbio.2009.08.010>, How to Cite or Link Using DOI

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Targeted microbubbles detected with high-frequency ultrasound can establish the molecular expression of blood vessels with submillimeter resolution. To improve microbubble-specific imaging at high frequencies, the subharmonic and second harmonic signal from individual microbubbles were measured as a function of size and pressure. Single phospholipid-shell microbubbles (1.1 to 5.0 μm in diameter) bound to gelatin, co-aligned with an optical microscope and transducer, were insonated with 30 MHz Gaussian-enveloped pulses at pressures from 20 kPa to 1 MPa with -6 dB one-way bandwidths of 11%, 20% and 45%. A subharmonic signal (15 MHz) was detected above a pressure threshold of 110 kPa—independent of bandwidth. The signal peaked for microbubbles 1.60 μm in diameter subject to 20% and 11% bandwidth pulses, and 1.80 μm for 45% bandwidth pulses, for pressures up to 400 kPa, agreeing with the notion that microbubbles insonated at twice their resonant frequency preferentially emit a subharmonic component. For pressures between 400 kPa and 1 MPa, a broader range of microbubbles emitted a subharmonic signal, and microbubbles below 1.70 μm in diameter were disrupted. The second harmonic signal measured, within the limited experimental conditions, was consistent with nonlinear propagation. Further, the results shed light on the effect of the shell on the phase of the subharmonic signal with respect to the fundamental signal. (E-mail: michael.sprague@sri.utoronto.ca)

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- The effect of binding on the subharmonic emissions from ...
2013, Ultrasound in Medicine and Biology
- Influence of shell properties on high-frequency ultrasound ...
2013, IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Co...
- Quantification of blood flow and volume in arterioles and ...
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Research highlights

Abstract

1. Introduction

2. Materials and methods

2.1. Harvesting of adult worms

2.2. Preparation of biotinylated tegument proteins by labelling live worms in culture

2.3. Fluorescence and electron microscopy to observe surface biotinylation

2.4. OFFGEL electrophoresis

2.6. LC-MS/MS analysis

2.6. Protein identification

2.7. Bioinformatic analysis

3. Results

3.1. Fate of LC-biotin probes in tegument of live schistosomes

3.2. Proteomic characterisation of proteins biotinylated with thiol cleavable sulfo-NHS-SS-biotin

International Journal for Parasitology
Volume 40, Issue 5, April 2010, Pages 543-554

Exposed proteins of the *Schistosoma japonicum* tegument

Jason Mulvénna^{a,1}, Luke Moertel^{b,1}, Malcolm K. Jones^{c,d,1}, Sujeevi Nawarathna^c, Erica M. Lovas^c, Geoffrey N. Gobert^b, Michelle Colgrave^a, Alun Jones^f, Alex Loukas^a, Donald P. McManus^b

^a Corresponding author. Tel.: +61 7 3845 3726; fax: +61 7 3845 3507.

^a Helminth Biology Laboratory, Division of Infectious Diseases, Queensland Institute of Medical Research, Qld 4006, Australia

^b Molecular Parasitology Laboratory, Division of Infectious Diseases, Queensland Institute of Medical Research, Qld 4006, Australia

^c Parasite Cell Biology Laboratory, Division of Infectious Diseases, Queensland Institute of Medical Research, Qld 4006, Australia

^d The University of Queensland, School of Veterinary Sciences, Qld 4072, Australia

^e CSIRO Livestock Industries, Brisbane, Qld 4067, Australia

^f The University of Queensland, Institute for Molecular Biosciences, Qld 4072, Australia

¹ These authors contributed equally to the manuscript.

Research highlights

- Proteins exposed on the surface of parasitic worms are an important source of novel drug and vaccine targets.
- These proteins are the most accessible to the host and likely to possess functions important for the survival of the worm.
- Biotinylation (labelling of lysine side-chain residues with biotin) of whole worms is a useful technique for separating exposed proteins from other protein constituents of the tegument.
- Using this technique in combination with LC-MS/MS we identified 54 proteins as putatively host-exposed in *Schistosoma japonicum*.
- Using confocal and electron microscopy, the internalization of biotin-labelled proteins was observed.

Protein identification v. Subcellular location

Age of total identifications

Bound Unbound

Videos (9)

previous 2 of 9 (view all) next

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Stimuli examples (8)

previous 2 of 8 (view all) next

Experiment 1 (sample stimuli 2)

gestural descriptions of simple scenarios

Videotaped participant's response



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19 |



Reuse of content

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- + ba:East African Rift System Eastern Branch
- + mtyr:Geological

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- ☐ Structural (127)
- ☐ Tectonic (101)
- ☐ Location/Index Map (40)
- ☐ Sampling Location (29)
- ☐ Seismic Survey (28)

Surface Area

- ☐ 1,000,000 - 10,000,000 sq km (102)
- ☐ 10,000,000 - 100,000,000 sq km (81)
- ☐ 100,000 - 1,000,000 sq km (75)
- ☐ 10,000 - 100,000 sq km (37)
- ☐ 1,000 - 10,000 sq km (31)
- ☐ 100 - 1,000 sq km (11)

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Basin

latitude: -14.26, longitude: 109.69

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Reading Pane

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Compound Identification (IDE) #234

Working name: Label:

A - Compound B - Compound C1 - Compound C2 - Compound Markush

Structure:

☐ Prophetic compound

Location:

Part of Markush:

IDE #232: M

Molecular formula: C23H26N2O4

Main name: brucine

Synonym(s):

Modification:

Macroscopic type:

Comments

References

NMR #238: (IDE #234: brucine)

Location:

Paragraph: 3

Nucleus/nuclei: Coupling nucleus/nuclei:

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board. High-resolution mass spectrometry (HRMS) experiments were performed on Agilent

er. **#42 Methyl glutaryl chloride** (2.5 mL, 10 mmol) was dissolved in **hexane** (10 mL) and added drop-wise to a solution of **#43** **4,4'-dibromodiphenyl ether** (150 mL) in **diethyl ether** (150 mL). The reaction mixture was quenched via the drop-wise addition of **diethyl ether** (3×25 mL) and brine (2×25 mL) before being dried (MgSO₄). The mixture was purified via flash column chromatography (10-30% EtOAc/hexane) to yield **#44** **4,4'-dibromodiphenyl ether** (3.76 g, 93%) as a colorless oil. ¹H NMR (400 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ¹³C NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ¹⁹F NMR (376 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ³¹P NMR (162 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ³³S NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ³⁵Cl NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ³⁷Br NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ³⁹K NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁴¹Ca NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁴³Ti NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁴⁵V NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁴⁷Cr NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁴⁹Mn NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁵¹Fe NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁵³Co NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁵⁵Ni NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁵⁷Cu NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁵⁹Zn NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁶¹Ga NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁶³Ge NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁶⁵As NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁶⁷Se NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁶⁹Br NMR (100 MHz, CDCl₃) δ 201.36, 173.41, 51.67, 38.74, 34.16, 32.87, 31.03. ⁷¹K NMR (100 MHz, CDCl₃) δ 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Encouraging and nurturing new ideas



EXPLORE



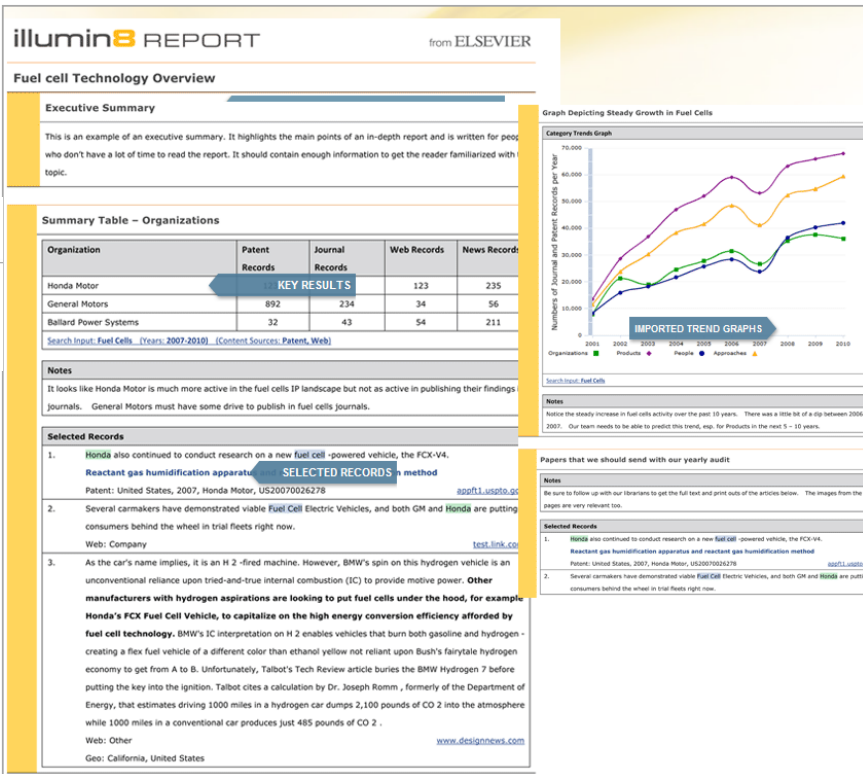
EVALUATE



COMPARE



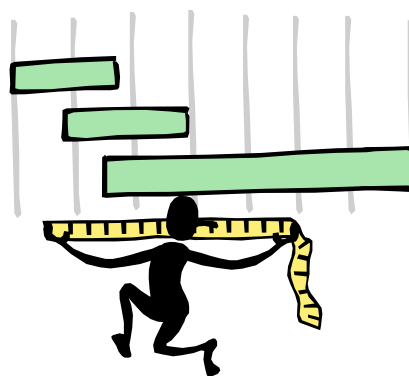
REPORT



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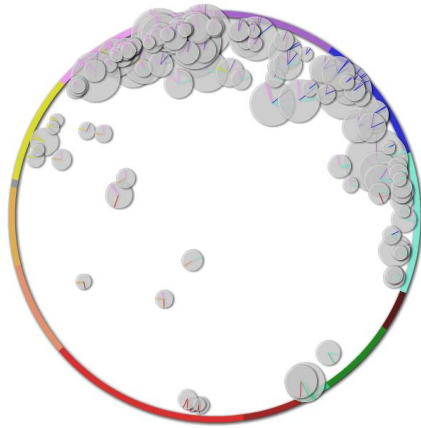
Measurement and evaluation



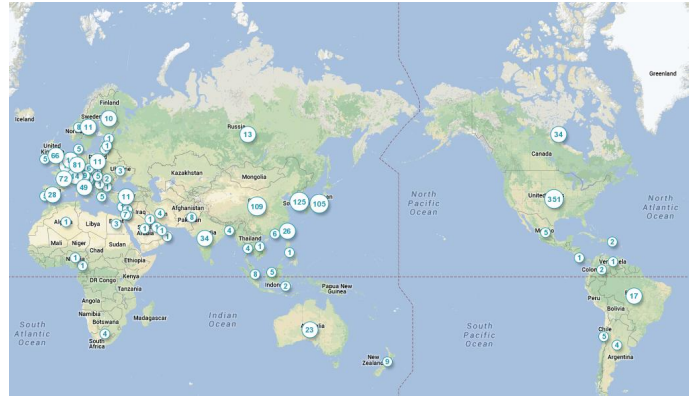
24 |



SciVal



Competency Map



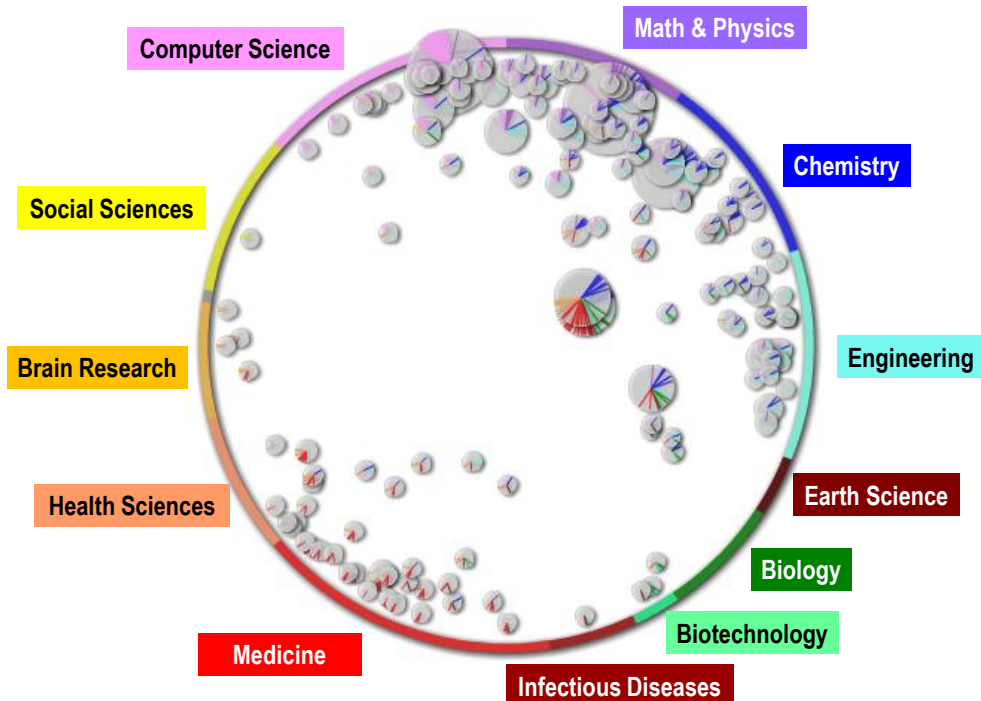
Collaboration Map

Source: SciVal Spotlight 2012 (June 2013)

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Korea's competency map (2012)



Source: SciVal Spotlight 2012 (June 2013)

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Reports




Leveraging technology

- S-Content
- Reuse of Content
- Managing Content



Managing content

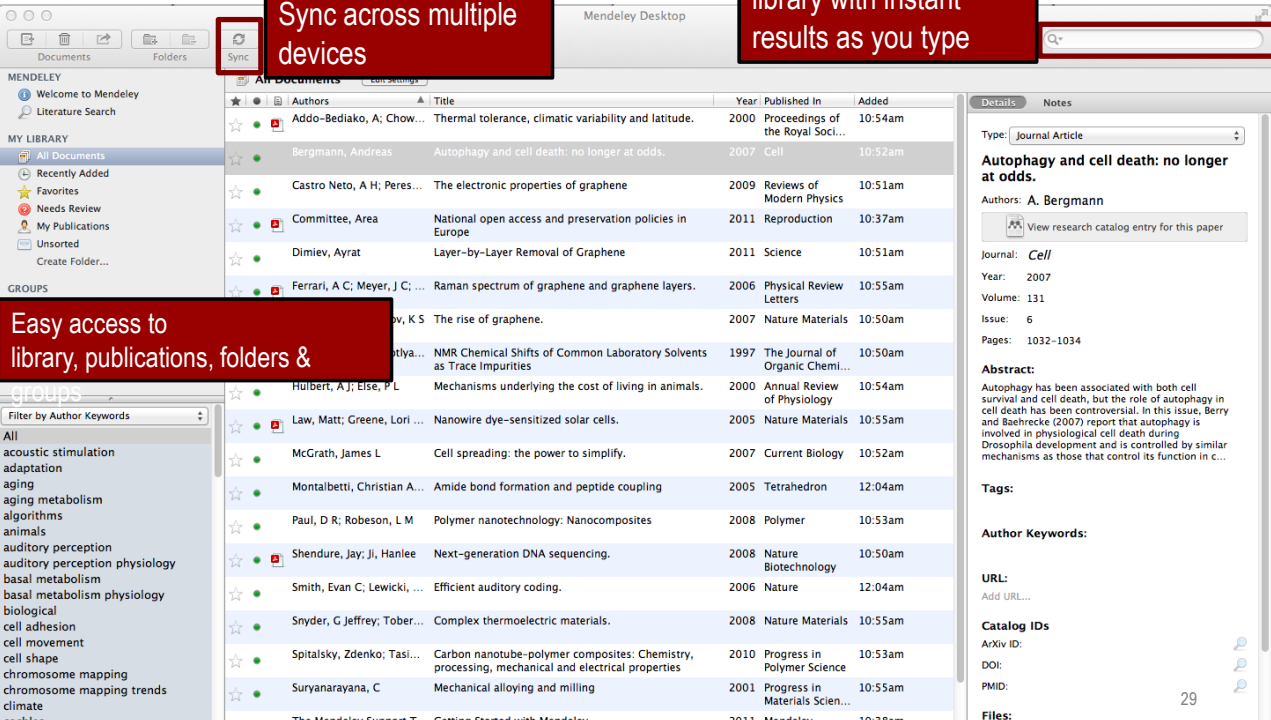



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Sync across multiple devices

Search full-text of your library with instant results as you type

Easy access to library, publications, folders & groups






Collaboration

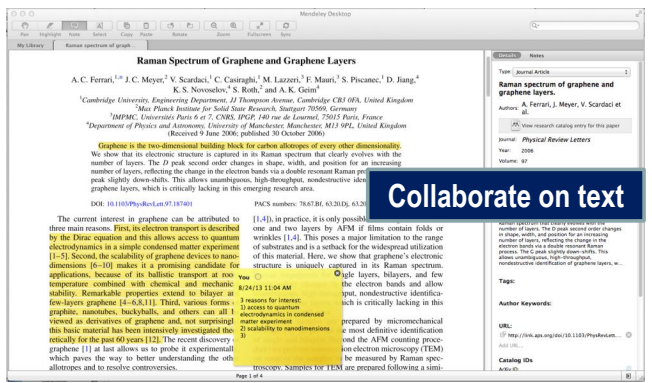


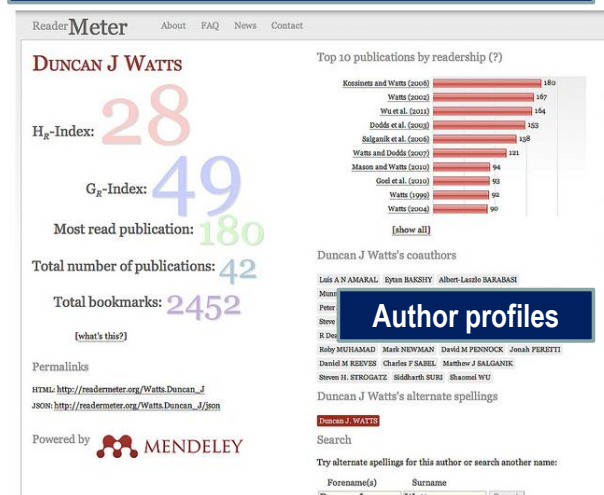
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Collaborate on text


Connect with researchers around the world





Author profiles

Network & share with other researchers





Global partnerships



European
Research
Council



RUSSIAN
FOUNDATION
FOR BASIC
RESEARCH



Australian Government
Australian Research Council

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Scopus Awards around the world



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Non Solus



Circa 1620

33 |



Thank you!



ELSEVIER

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Note

This image shows a full page of blank, lined paper. It features approximately 20 horizontal black lines spaced evenly across the page, typical of notebook or legal stationery. The lines are thin and extend from the left edge to the right edge. There are no margins, text, or other markings on the page.

