

Why should we add the journal
to **international databases**?

Sun Huh

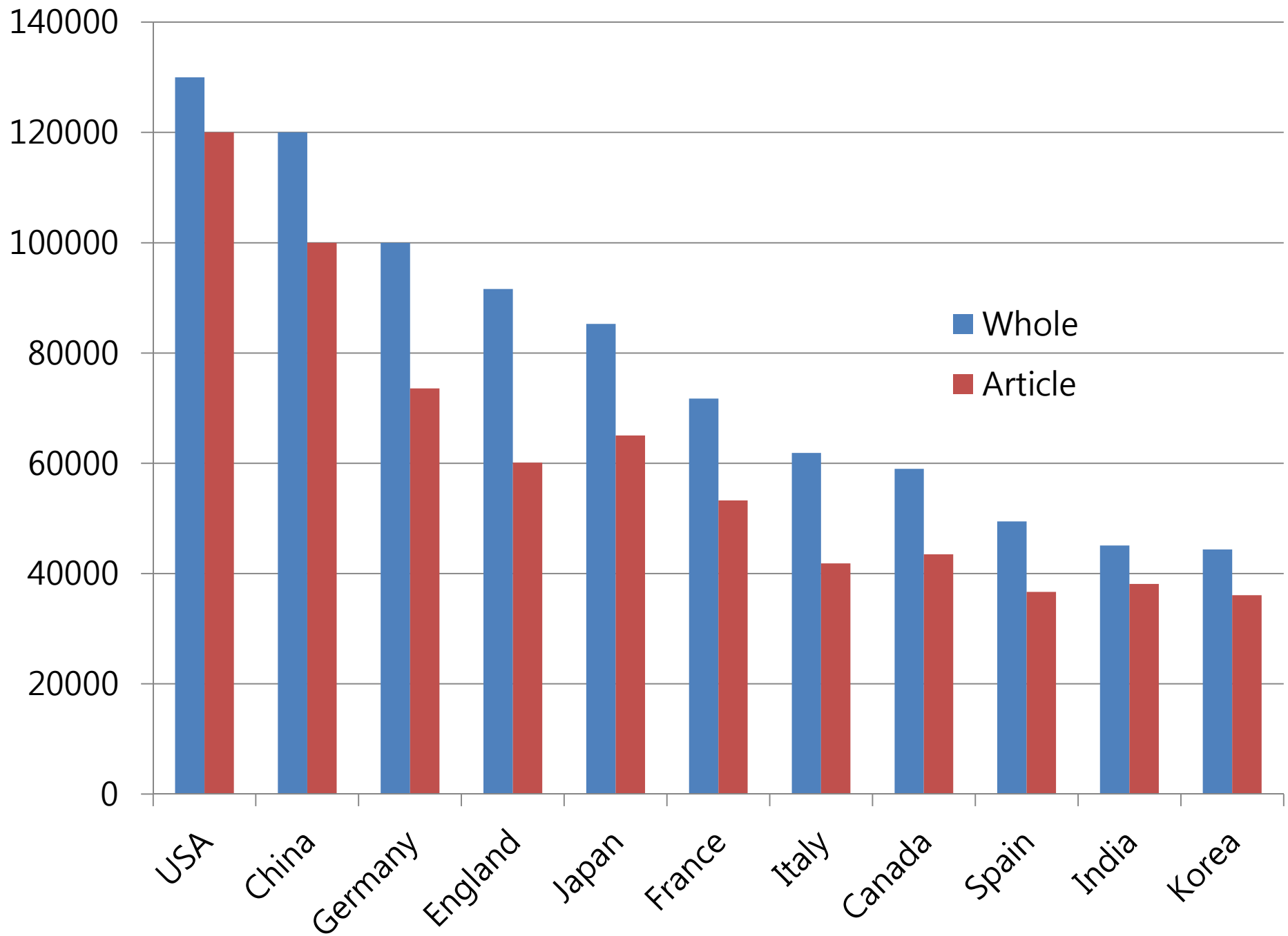
Department of Parasitology,
College of Medicine, Hallym
University

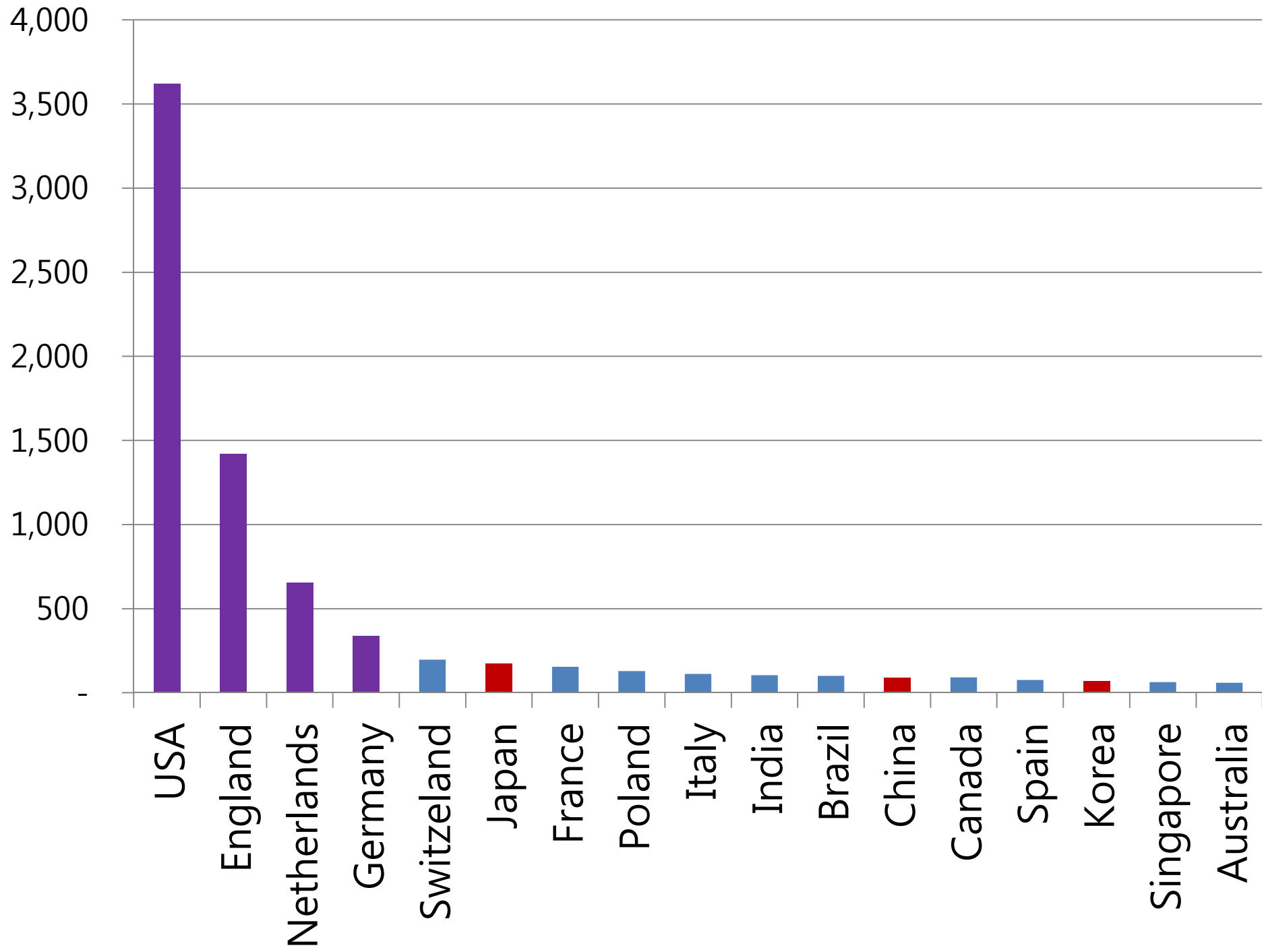
질문 1) DMJ 을 **왜** 국제색인데이터
베이스에 등재시켜야 할까?

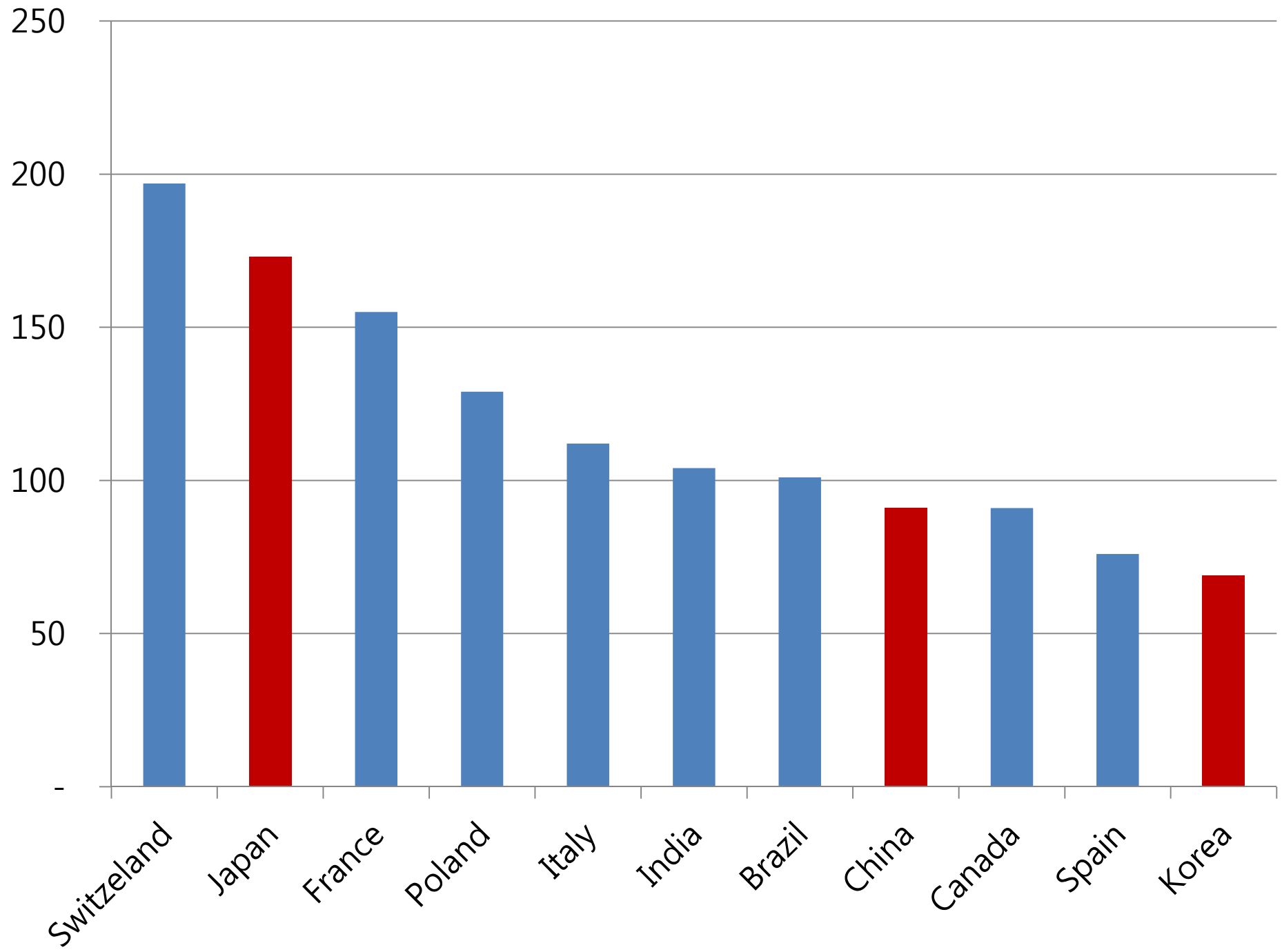
1. **이사장**의 뜻이므로
2. DMJ 논문을 국제학술 논문 업적으로 인정받아야 하니까
3. 전공의가 수련 마치고 취직하기 쉽게
4. 학회의 위상에 걸맞는 학술지가 있어야
5. 전세계 당뇨환자를 위한 정보 제공 위 하여
6. 과총 국제학술지 발행 지원 받으려고

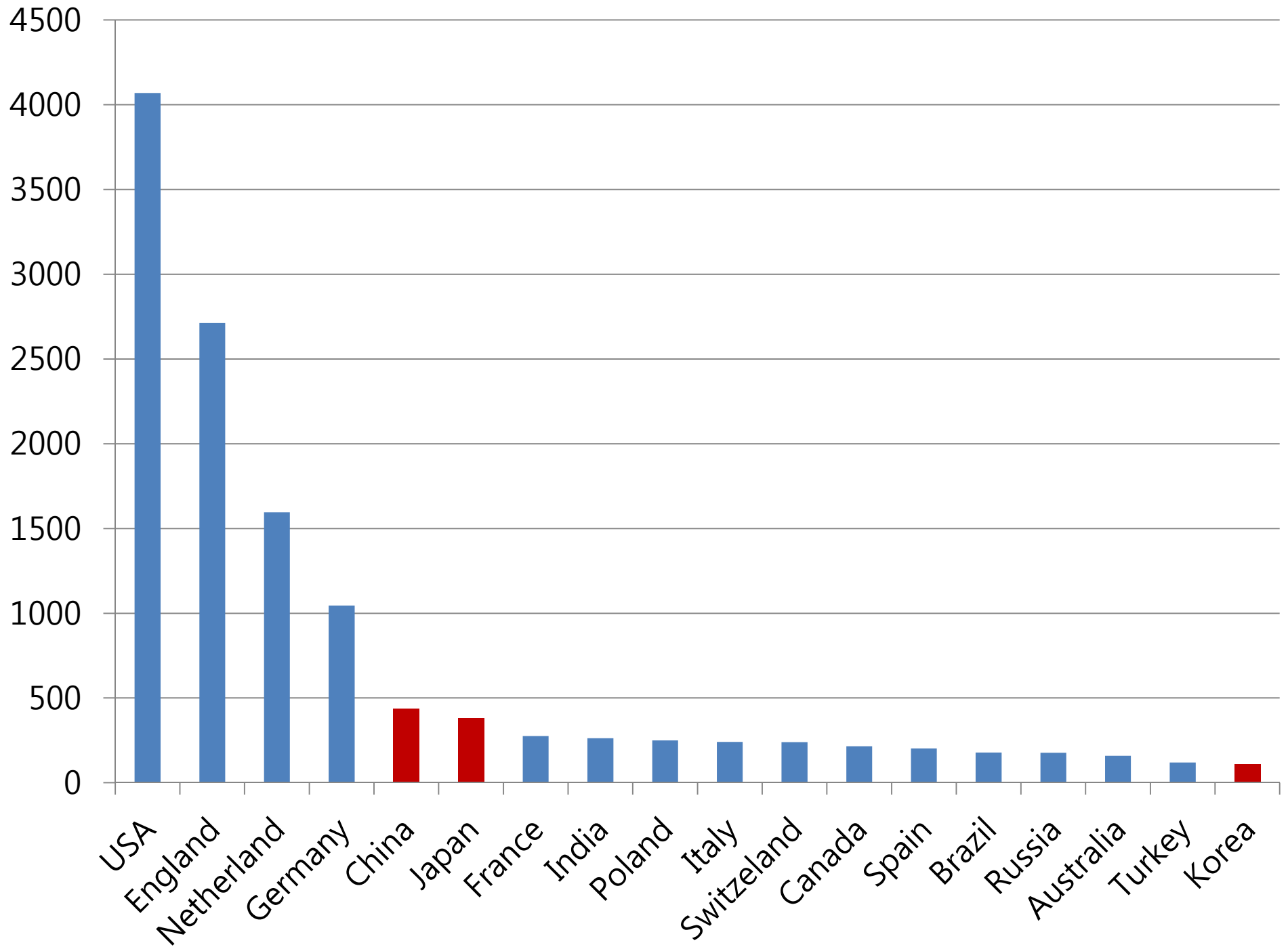
우리나라 학술지
국제색인데이터베이스 등재 종수

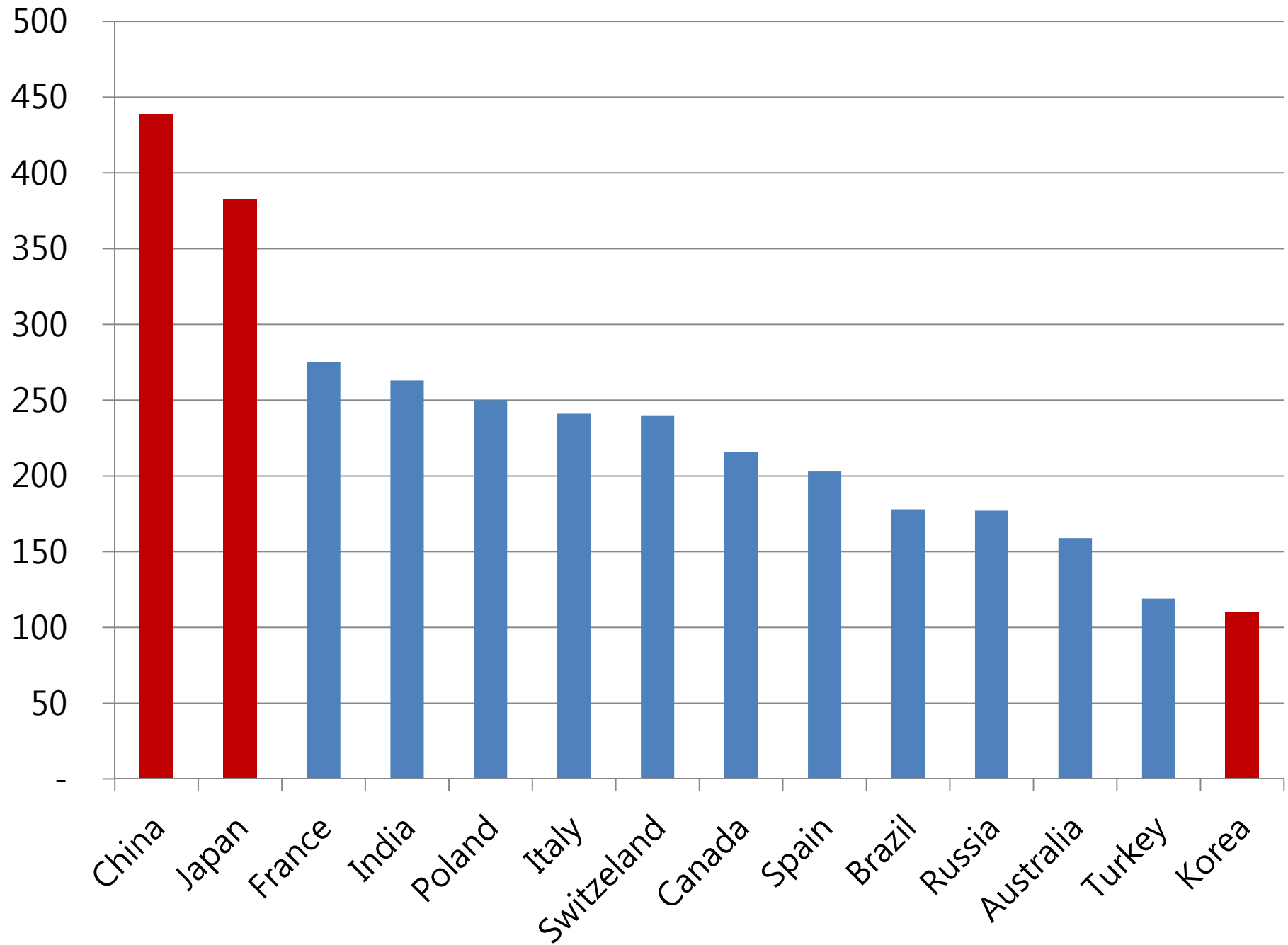
- SCIE
- Scopus
- PubMed













http://www.ncbi.nlm.nih.gov/pubmed?term=Hallym%20University%5BAffiliation%5D%20AND%20%233

NCBI Resources How To

PubMed.gov

U.S. National Library of Medicine
National Institutes of Health

Search: PubMed

RSS Save search Limits Advanced search Help

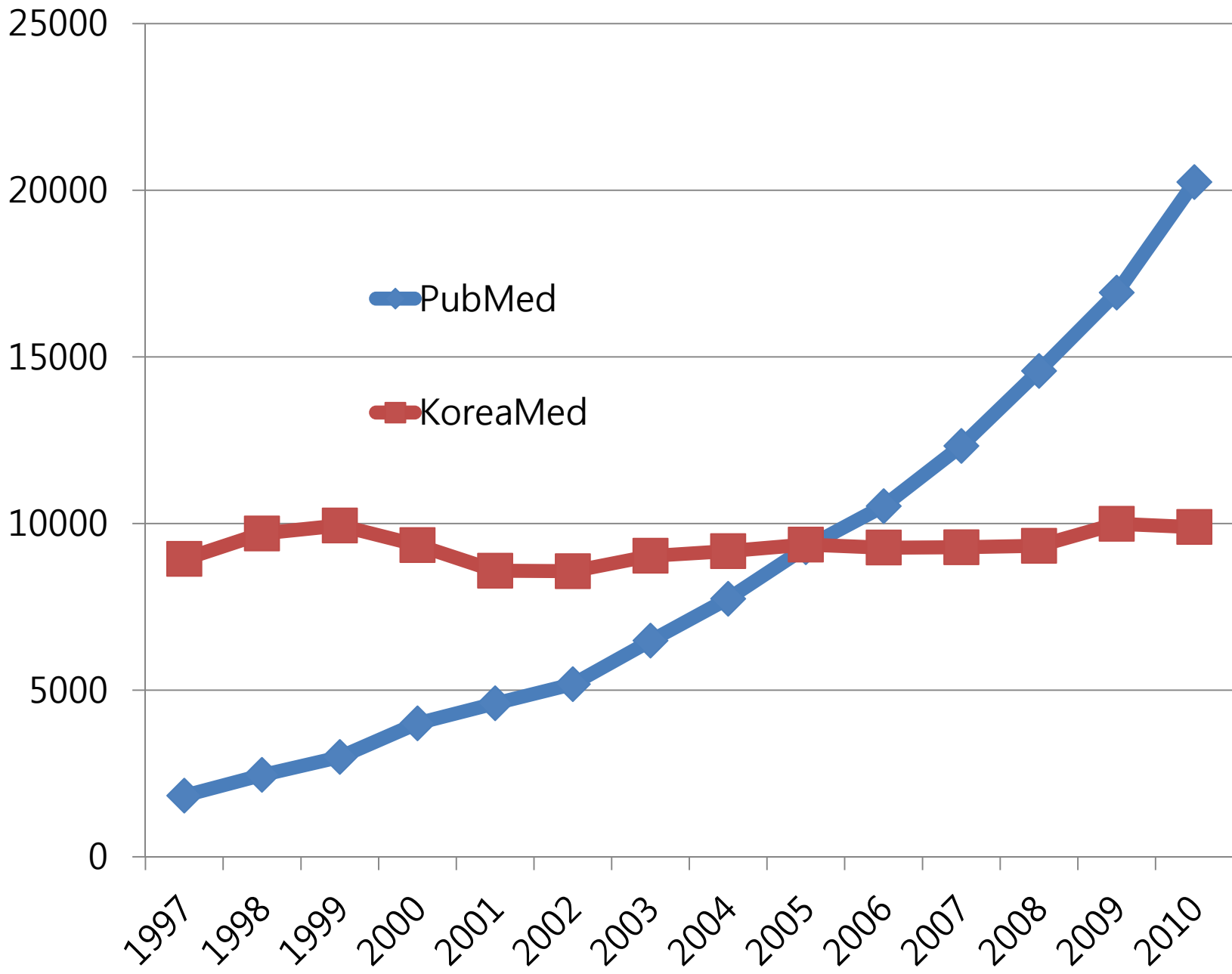
Hallym University[Affiliation] AND #3

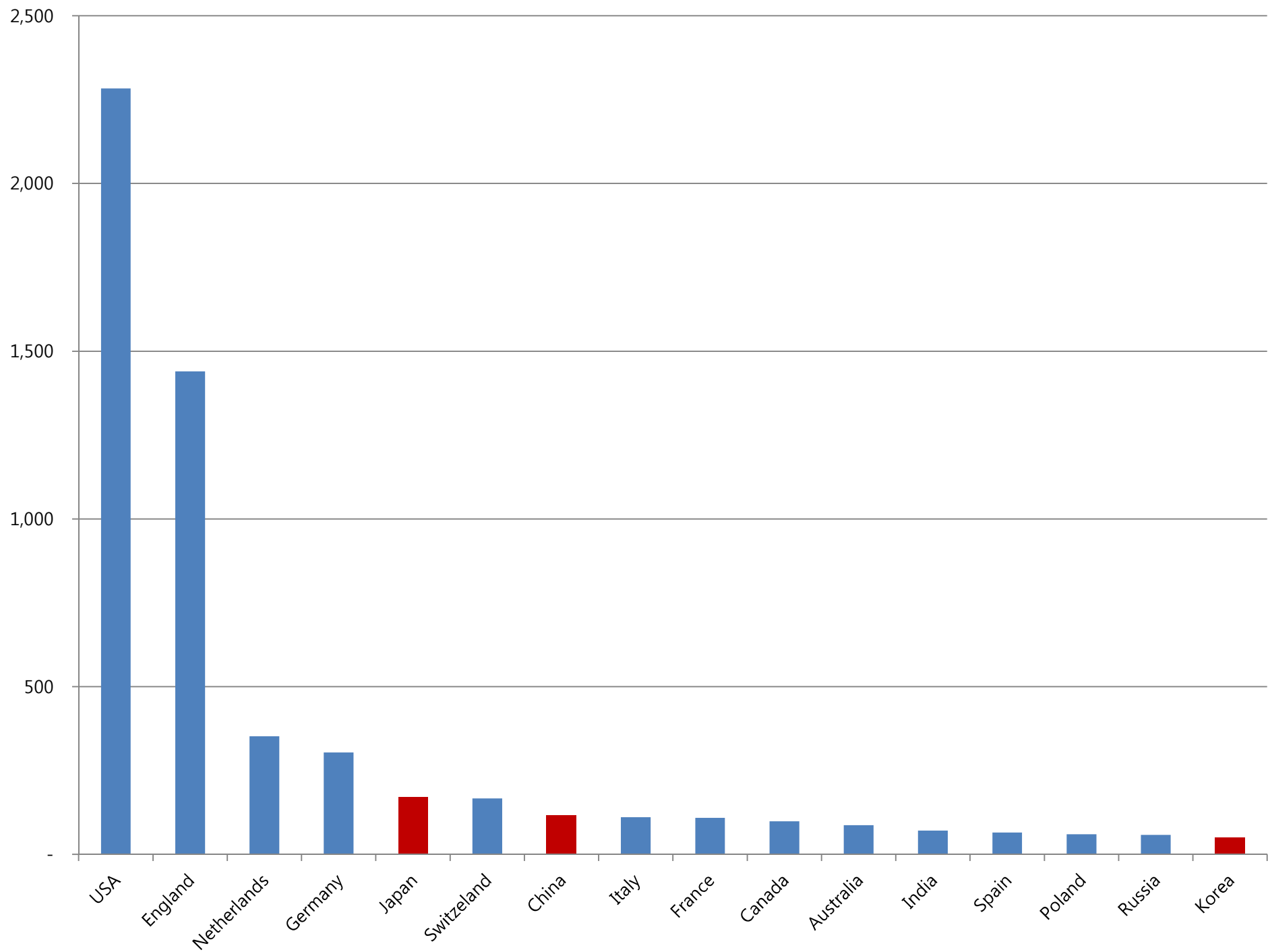
Search Clear

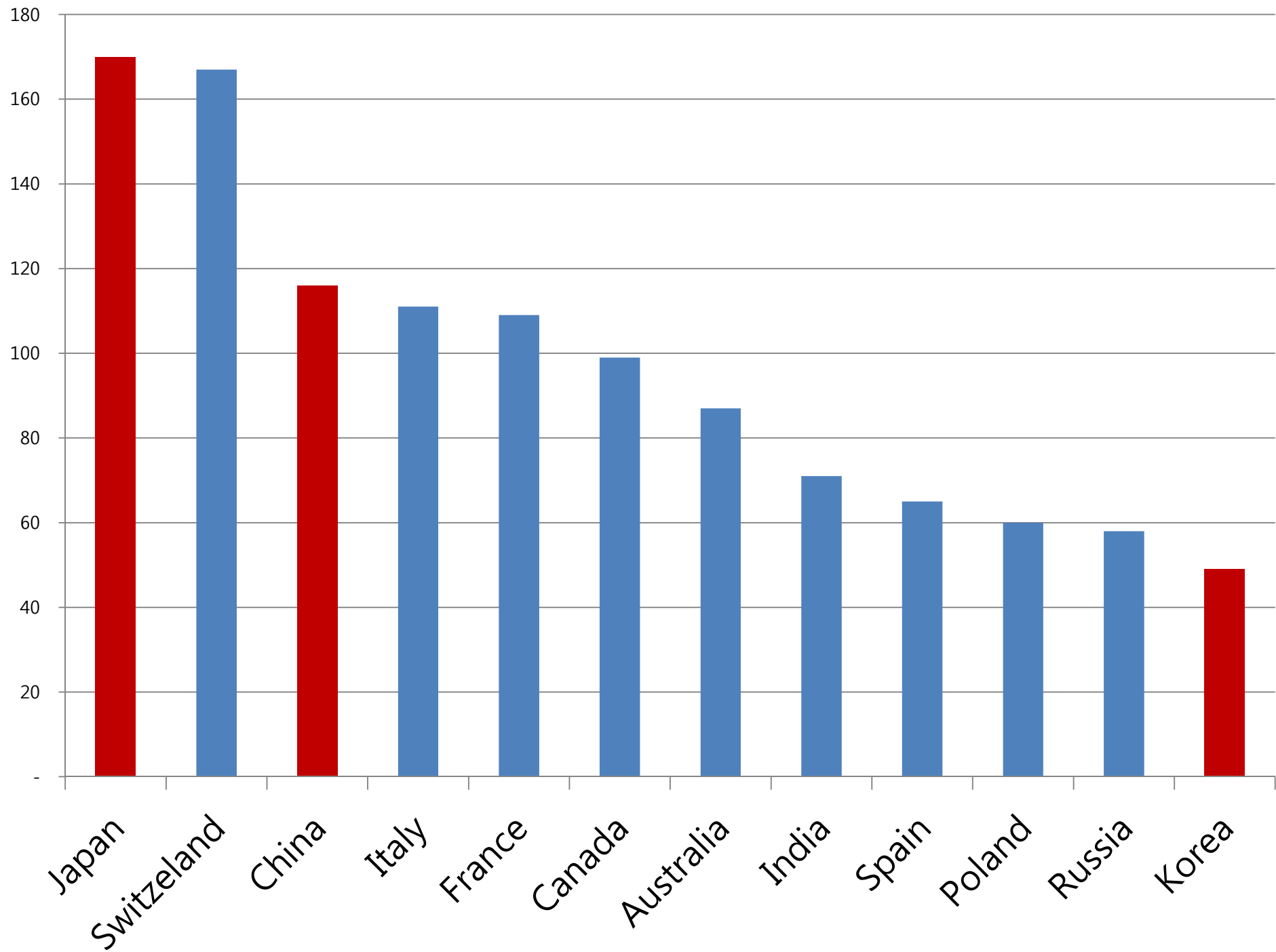
Display Settings: Summary, 20 per page, Sorted by Recently Added

Results: 12

- [Citation Analysis of The Korean Journal of Internal Medicine from KoMCI, Web of Science, and Scopus.](#)
 1. Huh S.
Korean J Intern Med. 2011 Mar;26(1):1-7. Epub 2011 Mar 2.
PMID: 21437155 [PubMed - in process] **Free PMC Article**
[Free full text](#) [Related citations](#)
- [Ocular toxocariasis in Korea.](#)
 2. Kwon SI, Lee JP, Park SP, Lee EK, Huh S, Park IW.
Jpn J Ophthalmol. 2011 Mar;55(2):143-7. Epub 2011 Mar 13.
PMID: 21400060 [PubMed - in process]
[Related citations](#)
- [Failed Examinees' Legal Challenge over the Clinical Skill Test in the Korean Medical Licensing Examination.](#)
 3. Huh S.
J Educ Eval Health Prof. 2010 Dec 5;7:5. No abstract available.
PMID: 21179231 [PubMed - in process] **Free PMC Article**
[Free full text](#) [Related citations](#)
- [Faculty responsible for the accreditation process of medical education in Korea should have their workloads reduced.](#)
 4. Huh S.
J Educ Eval Health Prof. 2009 Dec 20;6:1. No abstract available.
PMID: 20046454 [PubMed - in process] **Free PMC Article**
[Free full text](#) [Related citations](#)
- [Seroprevalence of toxocariasis among healthy people with eosinophilia.](#)
 5. Kim YH, Huh S, Chung YB.
Korean J Parasitol. 2008 Mar;46(1):29-32.
PMID: 18344674 [PubMed - indexed for MEDLINE] **Free PMC Article**
[Free full text](#) [Related citations](#)









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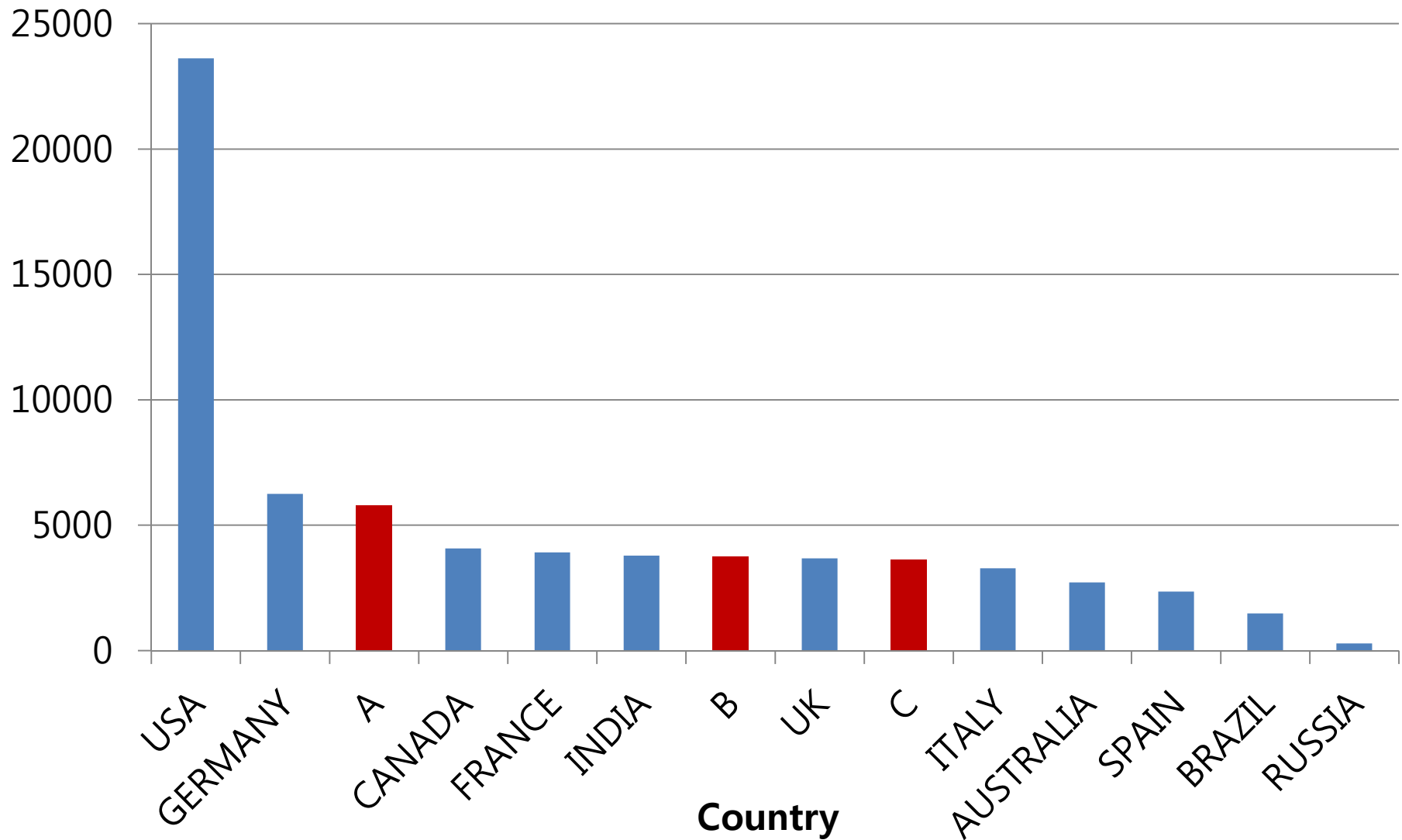
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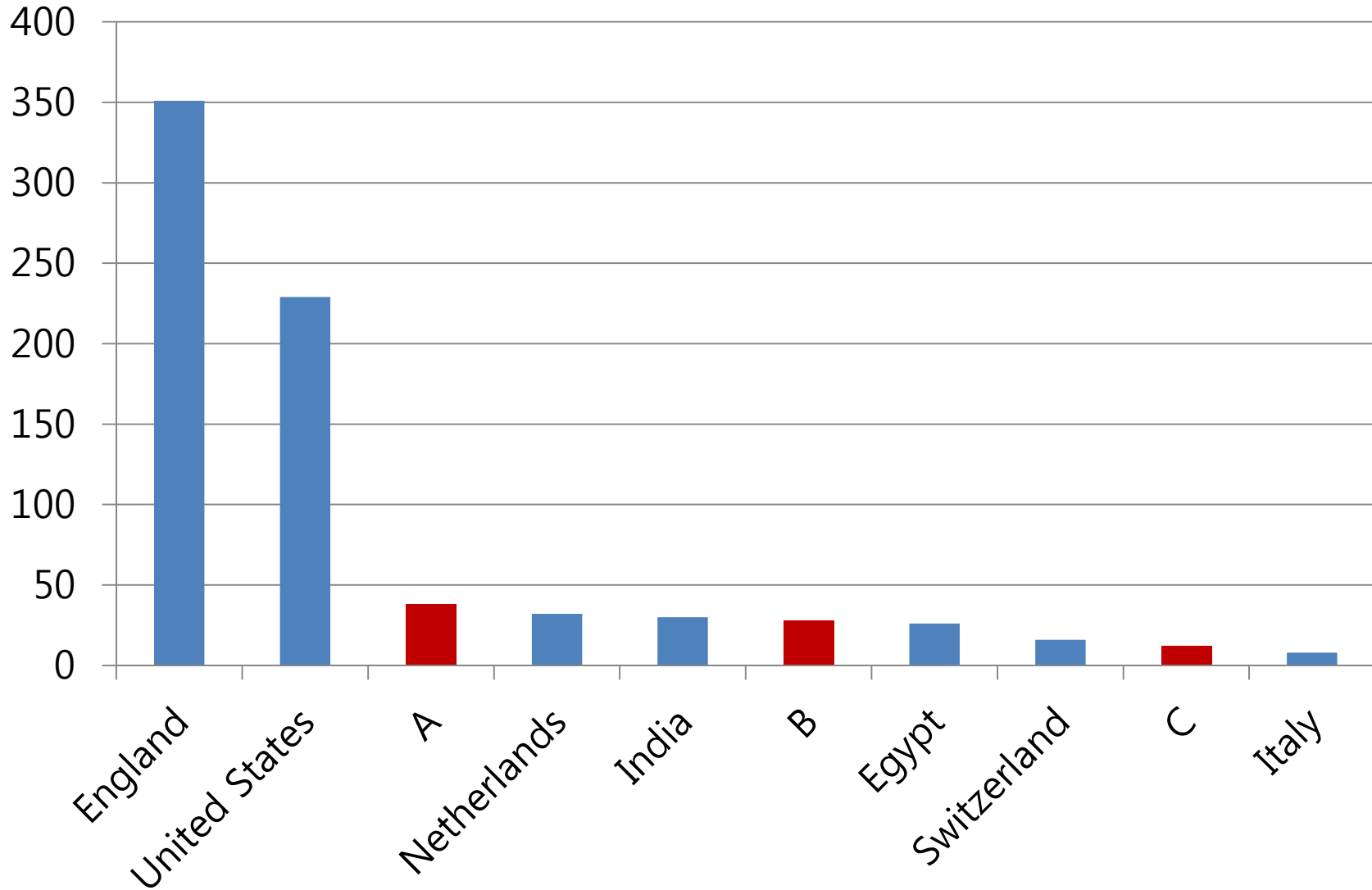
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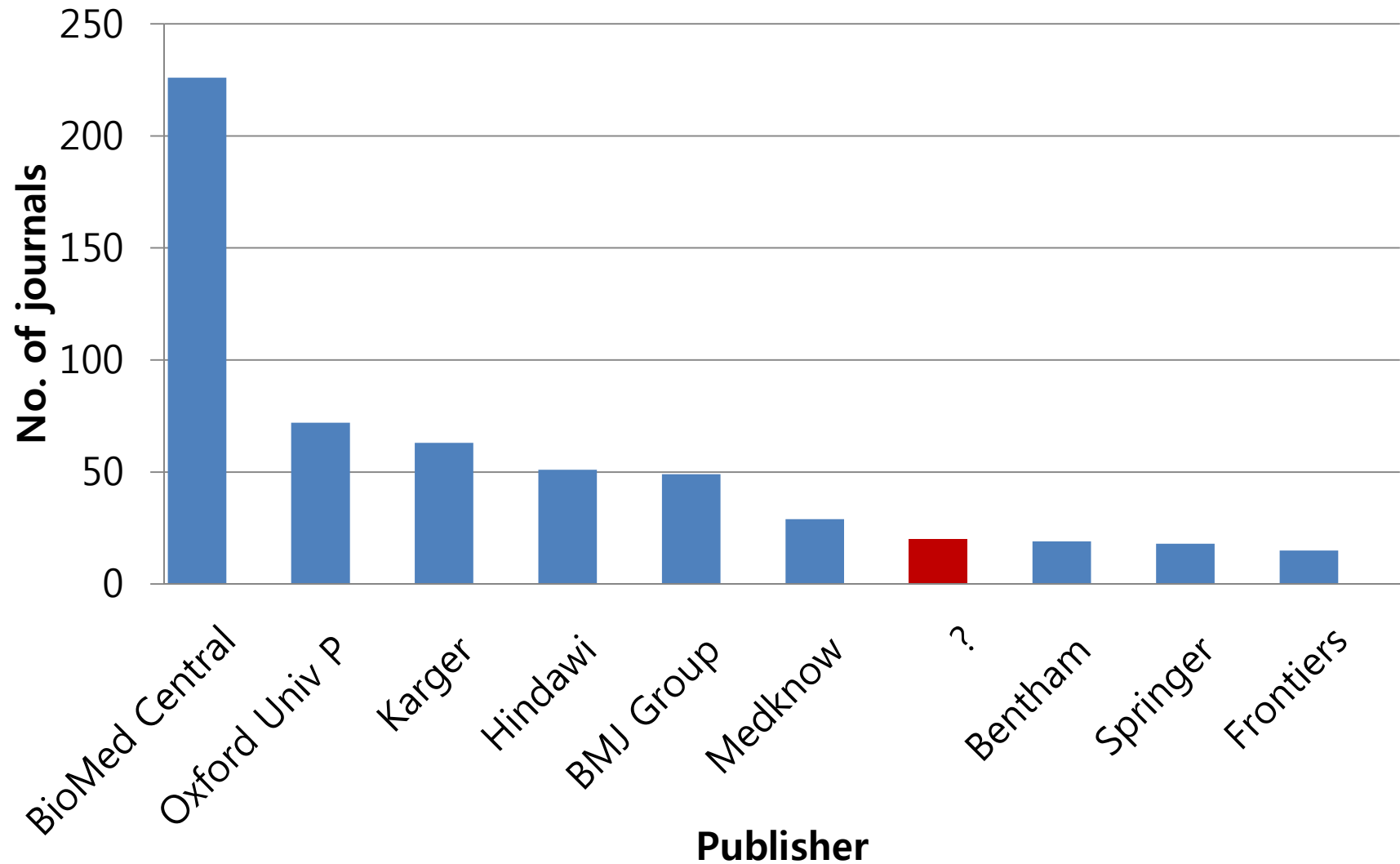
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질문 1. 다음은 2010년도 PMC 데이터베이스 수록 국가별 논문 수이다. 중국, 일본, 한국은 A, B, C 어디에 해당할까?



질문 2. 다음은 PMC 학술지의 나라별 종수이다.
카나다, 독일, 한국 은 A, B, C 어디에 해당할까?





질문 4. PubMed Central (PMC) 학술지 출판사별 순위 7위는 어느 나라 출판사인가?

국제색인데이터베이스 등재되면

- 투고자
- 서지계량학 정보
- 학술지 사이 social network
- 연구자 사이 social network

투고자

1. 임용, 재임용, 승진, 호봉
2. 학교의 연구장려금
3. 학회 및 학교 학술상
4. h-index
5. 연구비 신청기관에서 우대

서지계량학

인용지표(Citation Indicators)

- **영향력지표(Impact factor)**
- Impact index
- **SJR**
- Hirsch Index (h-index)
- Eigenfactor Score
- Article Influence Score

영향력지표(Impact factor)

- Thomson Reuters
- Web of Science 분석한 Journal Citation Ranking
- 2010년도 '가' 학술지의 영향력 지표 계산

- 2008년도 '가' 학술지의 발행 논문 수=A
- 2009년도 '가' 학술지의 발행 논문 수=B
-
- 2010년도 발행한 Web of Science 논문에서 2008년도 발행한 '가' 학술지 논문을 인용한 회수 =C
- 2010년도 발행한 Web of Science 논문에서 2009년도 발행한 '가' 학술지 논문을 인용한 회수 = D

- 이렇다고 할 때 영향력지표는

- (Two year) Impact factor= $(C+D)/(A+B)$

Journal Summary List

[Journal](#)Journals from: **subject categories ENDOCRINOLOGY & METABOLISM** [VIEW CATEGORY SUMMARY LIST](#)Sorted by:

journals 1 - 20 (of 105)

|<<< [1 | 2 | 3 | 4 | 5 | 6] >>>|

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	JCR Data ^j						Eigenfactor™ Metrics ^j	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor™ Score	Article Influence™ Score
<input type="checkbox"/>	1	ENDOCR REV	0163-769X	12727	19.761	24.082	1.893	28	8.5	0.03087	8.674
<input type="checkbox"/>	2	CELL METAB	1550-4131	6462	17.350	19.021	2.844	90	2.9	0.06218	9.165
<input type="checkbox"/>	3	FRONT NEUROENDOCRIN	0091-3022	2003	12.048	12.039	2.259	27	6.1	0.00649	4.050
<input type="checkbox"/>	4	DIABETES	0012-1797	45282	8.505	8.509	1.860	329	6.9	0.13502	2.915
<input type="checkbox"/>	5	ANTIOXID REDOX SIGN	1523-0864	6649	7.581	6.853	1.757	185	3.6	0.03286	2.122
<input type="checkbox"/>	6	DIABETES CARE	0149-5992	43007	6.718	8.273	1.894	492	6.0	0.12109	2.326
<input type="checkbox"/>	7	NAT CLIN PRACT ENDOC	1745-8366	1125	6.688	6.409	0.500	58	2.5	0.00812	2.281
<input type="checkbox"/>	8	TRENDS ENDOCRIN MET	1043-2760	4220	6.562	6.943	0.853	68	6.0	0.01499	2.416
<input type="checkbox"/>	9	DIABETOLOGIA	0012-186X	21339	6.551	6.084	2.021	284	6.9	0.06111	1.983
<input type="checkbox"/>	10	J CLIN ENDOCR METAB	0021-972X	65847	6.202	6.460	1.093	664	7.4	0.15003	1.833
<input type="checkbox"/>	11	CURR OPIN LIPIDOL	0957-9672	3404	6.133	5.610	0.911	56	5.7	0.01175	1.833
<input type="checkbox"/>	12	FREE RADICAL BIO MED	0891-5849	26148	6.081	5.791	0.868	379	7.6	0.05901	1.632
<input type="checkbox"/>	13	J BONE MINER RES	0884-0431	19632	6.043	6.511	1.177	215	7.6	0.05075	2.158
<input type="checkbox"/>	14	J CEREBR BLOOD F MET	0271-678X	11951	5.457	5.478	1.051	195	7.7	0.03025	1.808

계산 예

- 2008년도 '가' 학술지의 발행 논문 수=74
- 2009년도 '가' 학술지의 발행 논문 수=78
-
- 2010년도 발행한 Web of Science 논문에서 2008년도 발행한 '가' 학술지 논문을 인용한 회수 =4
- 2010년도 발행한 Web of Science 논문에서 2009년도 발행한 '가' 학술지 논문을 인용한 회수 = 0
- (Two year) Impact factor= $(4+0) / (74+78)$
=4/152=**0.026**

Impact index

- Elsevier의 Scopus를 바탕으로
- SCIMAGO Journal & Country Ranking 에서 제공
- Impact factor 와 계산 방법 같다

SJR

- Elsevier의 Scopus를 바탕으로
- SCIMAGO Journal & Country Ranking 에서 제공
- 인용하는 학술지가 얼마나 유명한 학술지 이냐를 평가하여 보정
- 개인의 명성이 친구가 누구냐에 따라 평가를 받는 것과 유사

SJR is developed by:

SCIMAGO
L A B

Powered by
SCOPUS™

	Title	SJR	H index	Total Docs. (2009)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	Country
1	Diabetes	Q1 1,505	98	388	1.367	14.354	10.288	1.255	8,03	36,99	
2	Frontiers in Neuroendocrinology	Q1 1,163	64	38	64	7.836	704	61	12,61	206,21	
3	Diabetologia	Q1 0,859	129	377	1.104	11.554	5.661	910	6,31	30,65	
4	Endocrine-Related Cancer	Q1 0,840	64	106	292	6.021	1.539	286	4,48	56,80	
5	Journal of Clinical Endocrinology and Metabolism	Q1 0,796	203	738	2.315	25.197	14.865	2.143	6,69	34,14	
6	Diabetes Care	Q1 0,793	192	639	2.147	13.491	12.255	1.559	7,26	21,11	
7	Metabolic Engineering	Q1 0,769	41	45	138	1.885	661	135	5,00	41,89	
8	Free Radical Biology and Medicine	Q1 0,615	141	398	1.197	23.203	6.117	1.138	5,55	58,30	
9	Sexual Development	Q1 0,504	11	40	69	2.149	190	66	2,93	53,73	
10	Molecular Genetics and Metabolism	Q1 0,413	58	166	540	5.422	1.350	490	2,93	32,66	
11	Obesity	Q1 0,410	94	388	1.162	14.018	4.456	1.120	3,52	36,13	
12	Current Diabetes Reviews	Q1 0,387	17	36	115	2.847	340	111	2,71	79,08	
13	Cardiovascular Diabetology	Q1 0,372	24	66	102	2.468	365	101	3,15	37,39	
14	Frontiers of Hormone Research	Q1 0,365	18	18	51	698	138	46	4,61	38,78	
15	Diabetes/Metabolism Research and Reviews	Q1 0,357	60	101	251	4.399	842	245	3,16	43,55	
16	Endocrinology and Metabolism Clinics of North America	Q1 0,342	59	53	195	3.486	576	169	3,84	65,77	

Hirsch Index (h-index)

- 인용 받은 수가 h 이상일 때의 논문 수

Ranking	Cited Author	Cited Work	Year	Volume	Page	Citing Article
1	LEE JW	KOREAN DIABETES J	2010	34	191	2
2	LEE TH	KOREAN DIABETIC J	1977	4	43	2
3	CHANG HC	KOREAN DIABETES	1999	23	621	1
4	KANG SW	KOREAN DIABETES	2008	32	21	1
5	KIM J	KOREAN DIABETES J	2006	30	377	1

Eigenfactor Score

- Thomson Reuters 의 JCR 제공
- 학술지에서 지난 5년간 발표한 논문이 특정 연도에 얼마나 인용
- 자가인용은 제외
- 자가인용이 높으면 낮아진다.

Article Influence Score

- Eigenfactor Score를 학술지에 실린 논문 수로 나눈 값
- 평균 Article Influence Score = 1

Social Network(사회망)

- -연구분야 사이
- Co-citation networks
- Bubble chart

- -연구자 사이
- BioMedExperts

Co-citation networks

- Elsevier사 Scopus 바탕
- 각 나라에서 27개 분야와 313개 연구 주제 범주 사이 네트워크를 동시 인용여부 분석

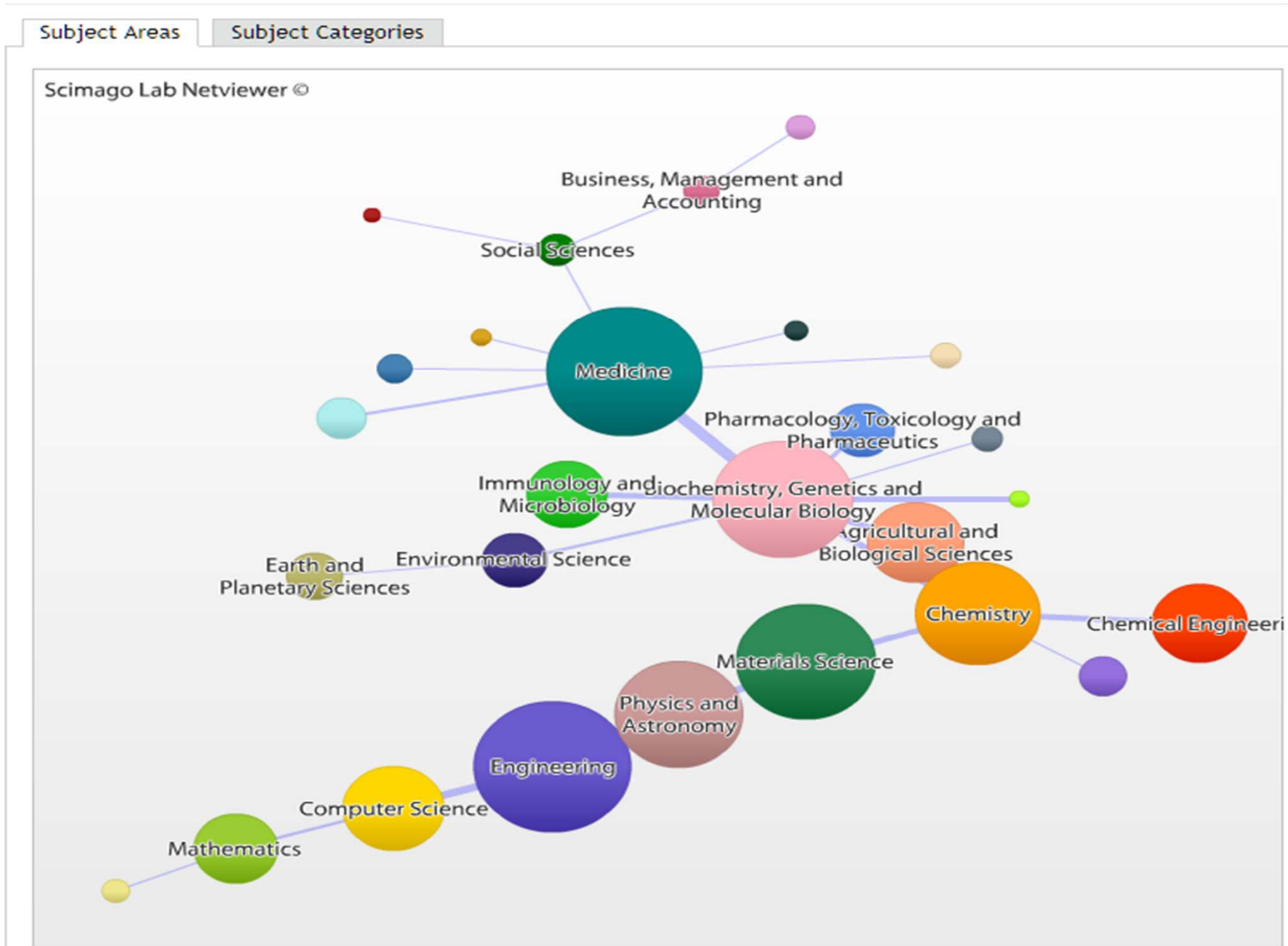


Fig. 1. Co-location network of the 27 fields in Korea from SCIJR.COM

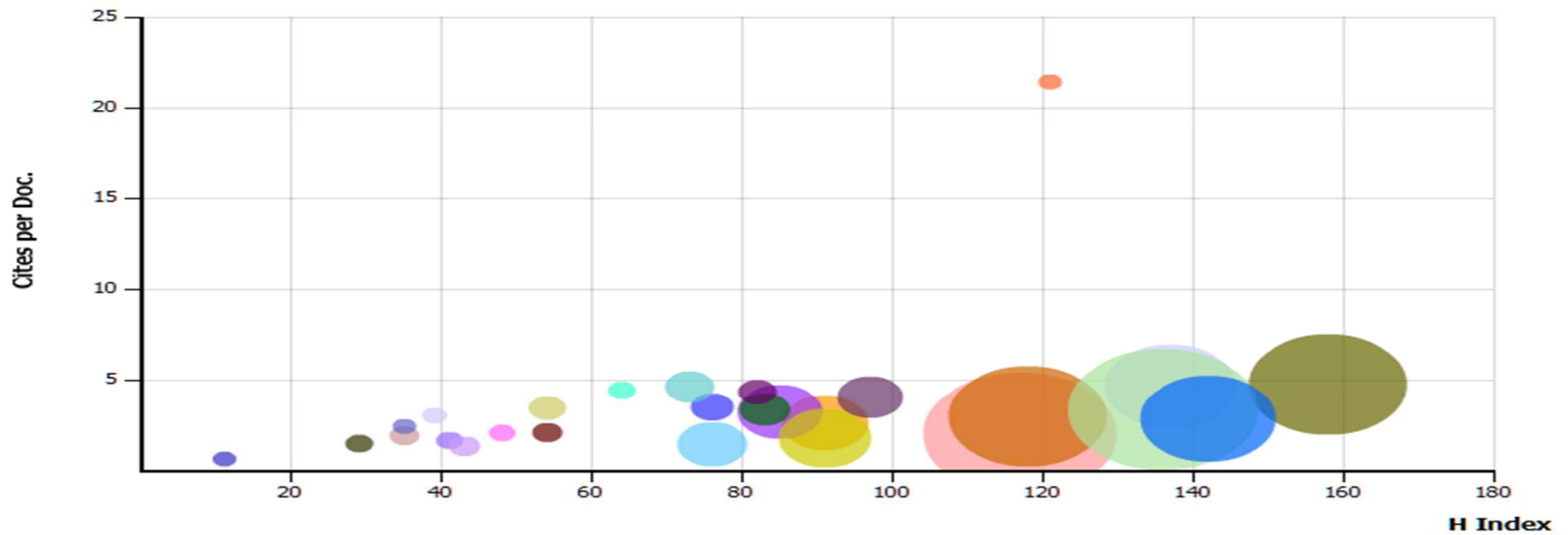
Bubble chart

- Elsevier사 Scopus 바탕
- h-index를 X 축으로
- 논문당 인용횟수를 Y 축으로 그래프
- 27개 분야와 313개 연구 주제 범주의 성과를 확인

Subject Areas

Subject Categories

Change variables: I Y ● Z ⇨ X



- | | |
|---|--|
| ■ Agricultural and Biological Sciences | ■ Arts and Humanities |
| ■ Biochemistry, Genetics and Molecular Biology | ■ Business, Management and Accounting |
| ■ Chemical Engineering | ■ Chemistry |
| ■ Computer Science | ■ Decision Sciences |
| ■ Dentistry | ■ Earth and Planetary Sciences |
| ■ Economics, Econometrics and Finance | ■ Energy |
| ■ Engineering | ■ Environmental Science |
| ■ Health Professions | ■ Immunology and Microbiology |
| ■ Materials Science | ■ Mathematics |
| ■ Medicine | ■ Multidisciplinary |
| ■ Neuroscience | ■ Nursing |
| ■ Pharmacology, Toxicology and Pharmaceutics | ■ Physics and Astronomy |
| ■ Psychology | ■ Social Sciences |
| ■ Veterinary | |

Bubble chart of the 27 fields in Korea from SCIJR.COM

BioMedExperts

- PubMed를 바탕으로 Elsevier가 제공
- 저자별 데이터베이스로 공저자 사회망

Huh S

.. Oh YS

.. Park SW

.. Lee KU

more



computed

Computed:

BiomedExperts ID: 791848

Rats; Insulin; Thioctic Acid; Mouse; Cells,
Cultured; Sprague Dawley Rats

	Coauthors	2. Level	3. Level
Network:	182	6253	126965
Publications:	127		

Invite . . . to join BiomedExperts

Add . . . to my contacts

Bookmark

Network of



Profile

Publications

Co-authors

NetworkView

GeoNetworkView

Times&Places

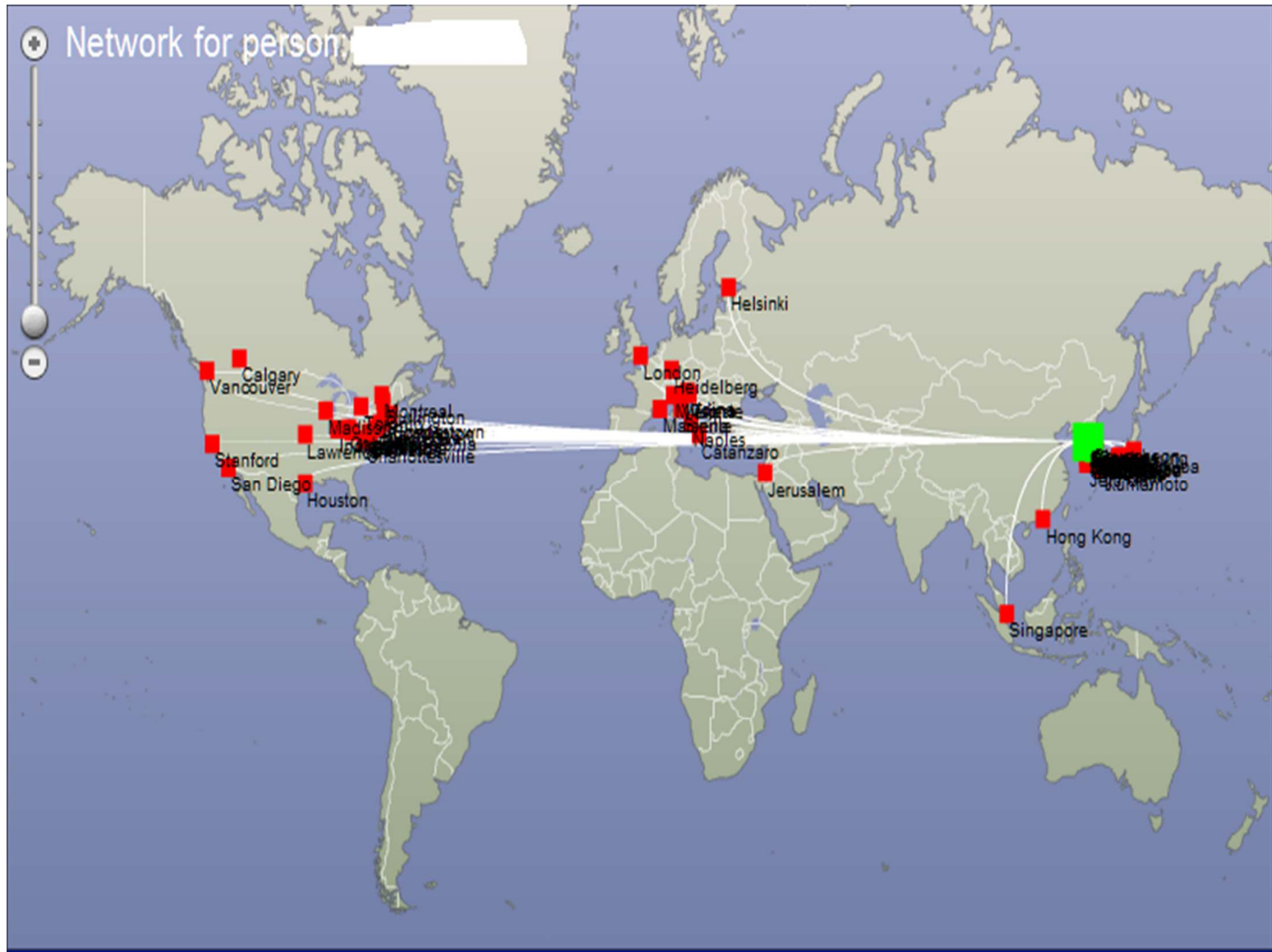
First Author

Last Author

- 2011:** Lee Song; Hong Seok-Woo; Min Bon-Hong; Shim Young-Jun; Lee Ki-Up; Lee In-Kyu; Bendayan M; Aronow Bruce J; Park In-Sun
Essential role of clusterin in pancreas regeneration.
 Developmental dynamics : an official publication of the American Association of Anatomists 2011;240(3):605-15.
- 2011:** Kim Jae Geun; Park Byong Seo; Yun Chang Ho; Kim Hyun Jun; Kang Sang Soo; D'Elia Angela Valentina; Damante Giuseppe; Lee Ki-Up; Park Jeong Woo; Kim Eun Sook; Namgoong Il Seong; Kim Young Il; Lee Byung Ju
Thyroid transcription factor-1 regulates feeding behavior via melanocortin pathway in the hypothalamus.
 Diabetes 2011;60(3):710-9.
 Department of Biological Sciences, College of Natural Sciences, University of Ulsan, Ulsan, South Korea.
- 2011:** Kim Chul-Hee; Kim Hong-Kyu; Bae Sung Jin; Park Joong-Yeol; Lee Ki-Up
Association of elevated serum ferritin concentration with insulin resistance and impaired glucose metabolism in Korean men and women.
 Metabolism: clinical and experimental 2011;60(3):414-20.
 Division of Endocrinology and Metabolism, Department of Internal Medicine, Soonchunhyang University Bucheon Hospital, Bucheon 420-767, South Korea.
 hkim0801@amc.seoul.kr



Network for person [redacted]



무엇을 하여야 할 것인가?

- 자신의 논문이 PubMed 에 있어야
- → **BioMedExperts.COM** 에서 업적 확인가능

- Medline 이나 PMC 학술지에 투고
- 영문으로 투고
- 국내 의학 학술지 → 영문 전환 → PMC 등재 → PubMed 등재

당뇨병 PMC 잡지

1. [Diabetes](#) American Diabetes Association USA
2. [Diabetes & Metabolism Journal](#) Korean Diabetes Association Korea
3. [Diabetes Care](#) American Diabetes Association USA
4. [Diabetes Technology & Therapeutics](#) Mary Ann Liebert, Inc
5. [Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy](#) Dove Press
6. [Experimental Diabetes Research](#) Hindawi
7. [International Journal of Diabetes in Developing Countries](#) -Springer
8. [Journal of Diabetes Science and Technology](#) Diabetes Technology Society USA
9. [World Journal of Diabetes](#) –Baishideng China

결론-Diabetes and Metabolism Journal

- 국제화에 걸림돌 없음
- →뛰어난 의료인, 영양사 등 관련 인력 참여
- →세계 최고수준 의료서비스 제공
- →환자 수 증가 속도 일등

결론(2)

- → 국가 차원 **재앙** 막는데 연구비, 사업비 집중 투여
- → 전세계 당노학계를 선도
- → DMJ 학술지를 통하여 세계 여러 나라 정보 open access로 제공