

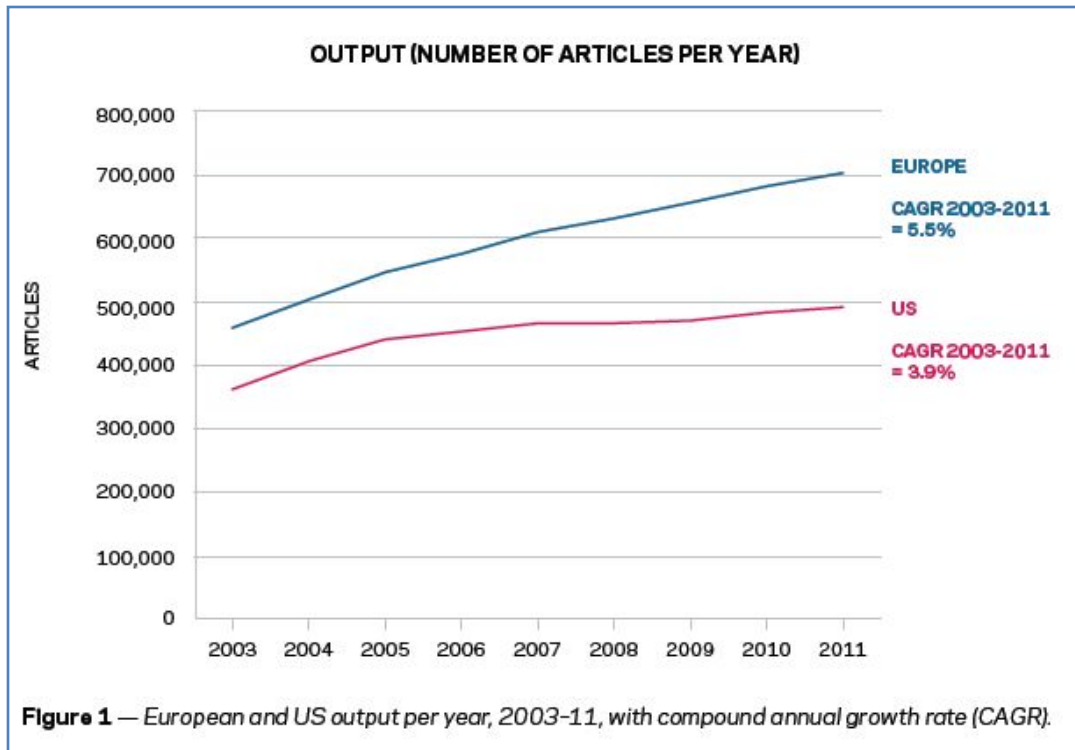
SCOPUS CONTENT COVERAGE AND CONTENT SELECTION

Dr. Wim Meester
Senior Product Manager

w.meester@elsevier.com

<http://orcid.org/0000-0001-9350-3448>

Science is growing globally



Comparative Benchmarking of European and US Research Collaboration and Researcher Mobility

A report prepared in collaboration between Science Europe and Elsevier's Scival Analytics

September 2013



(International) collaboration is rising



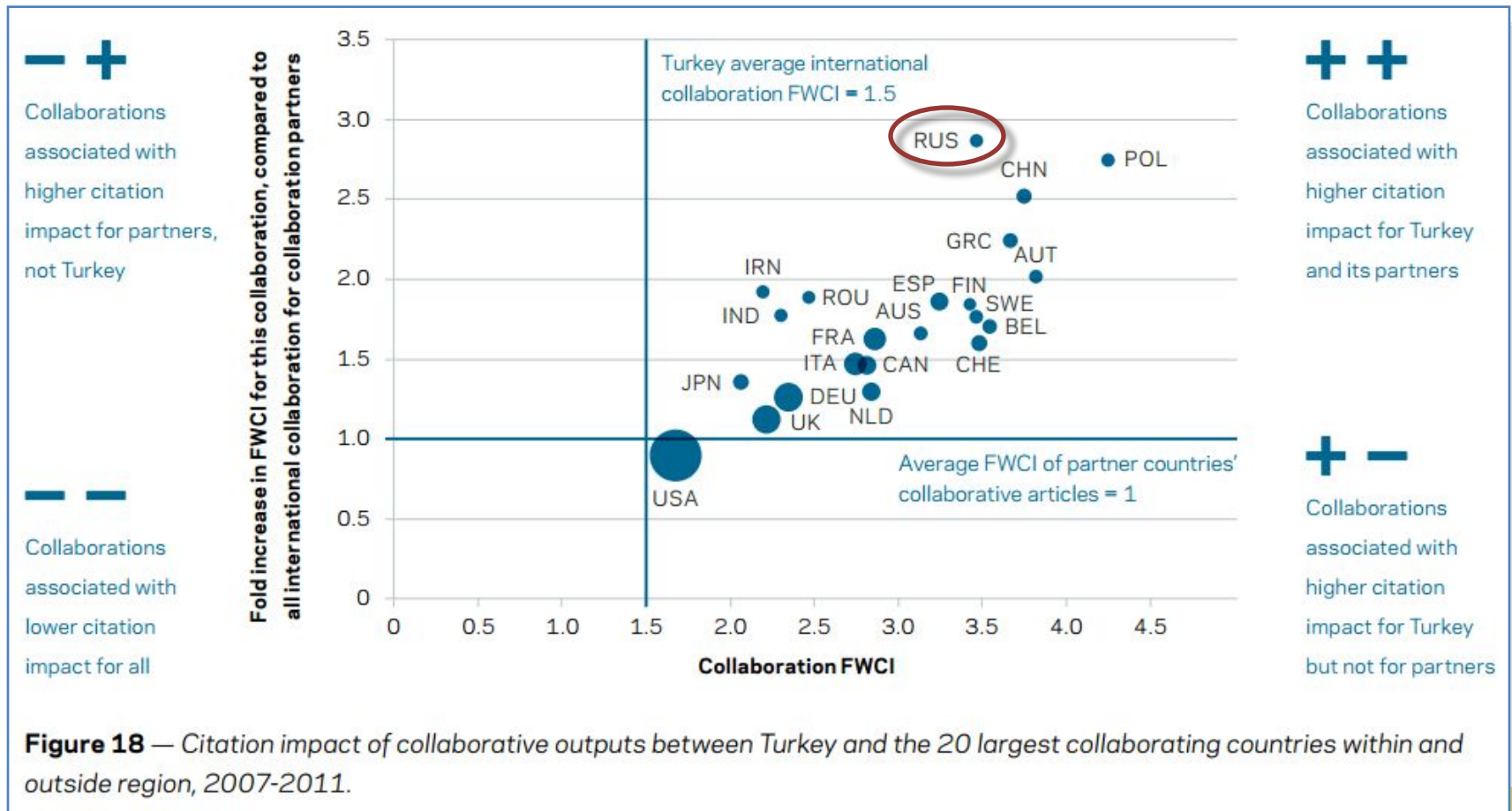
Figure 4 — European and US research collaboration pattern trends, 2003-11.

Collaboration increases citation impact



Figure 8 — European and US field-weighted citation impact by collaboration type, 2007-2011, (left) absolute values per collaboration type, (right) fold increase over institutional collaboration.

Citation impact of international collaboration **Scopus**



The broad source for research answers

Scopus

21,750
active titles

20,698
Peer reviewed journals

404
Trade journals

389
Book series

263
Conf. series

A rich and
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including

21.3M pre-1996 records
30.3M post-1995 records
>51.6M records

17k conference events
5M total conference records (10%)

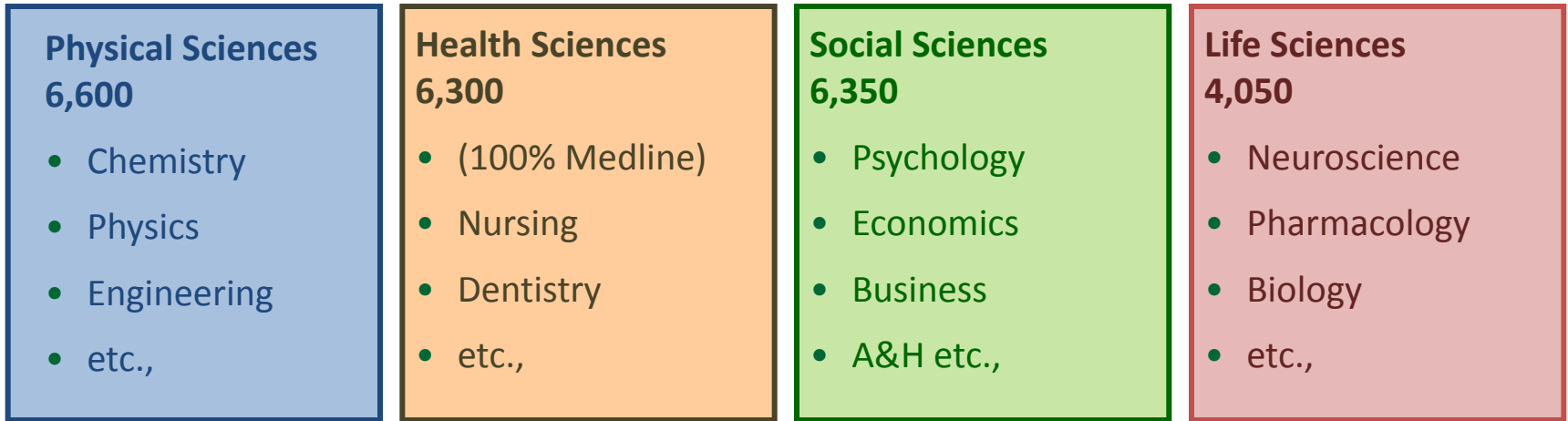
5,500 books
70k book items (chapters & books)

- Content from > 5,000 publishers
- “Articles in Press” from > 3,750 titles
- > 2,800 fully OA titles
- Abstracts going back to 1823
- 40 languages covered
- 24M Patents

Total average processing time: 5 days

Breadth of coverage across subject areas

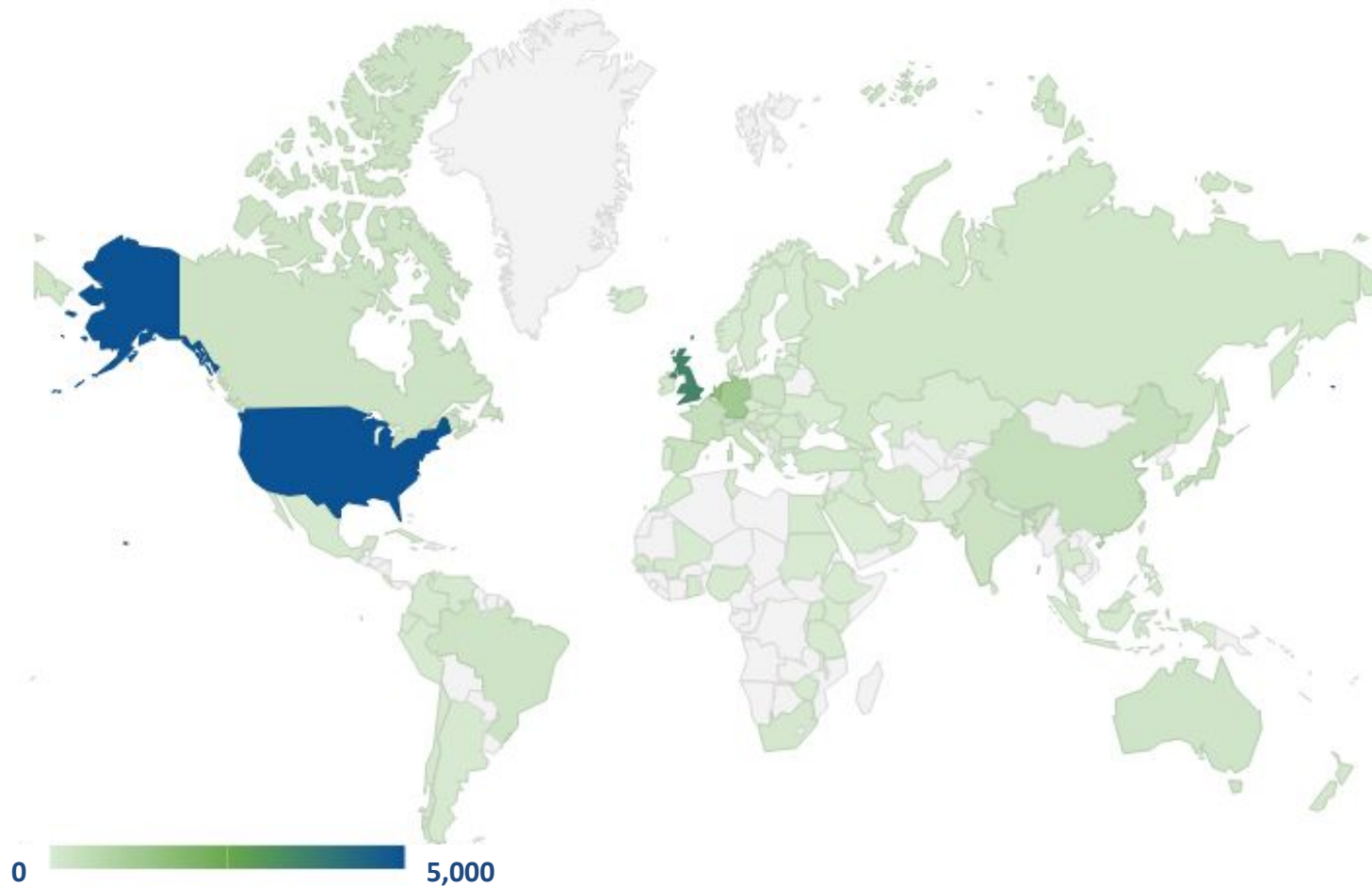
Scopus



More than 20,400 titles in Scopus, titles can be in more than one subject area

Geographical distribution of titles

Scopus

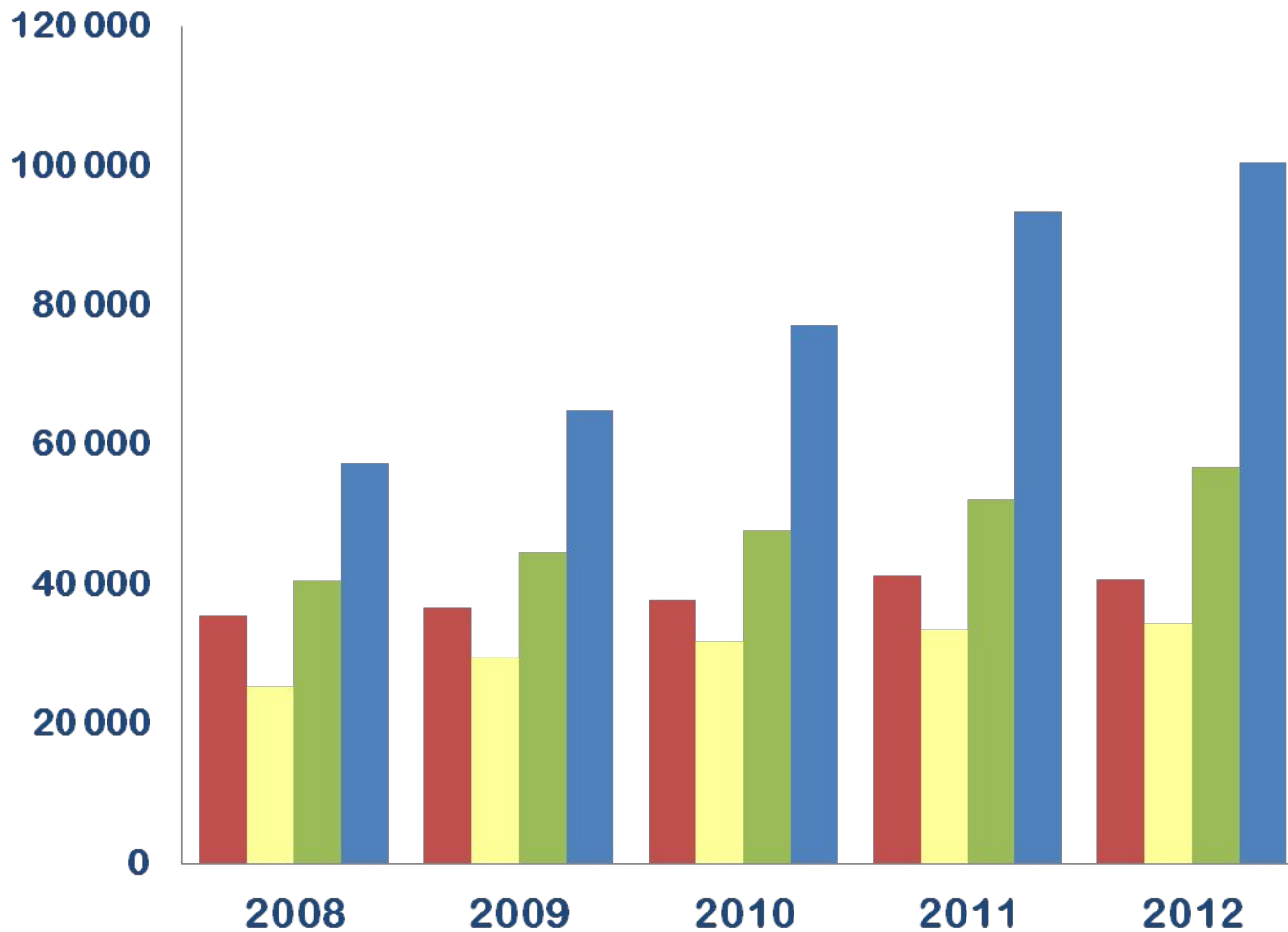


Wider coverage gives a more accurate picture of the research landscape

Breadth of coverage in Russia

Scopus

Number of documents in Scopus
2008 – 2012

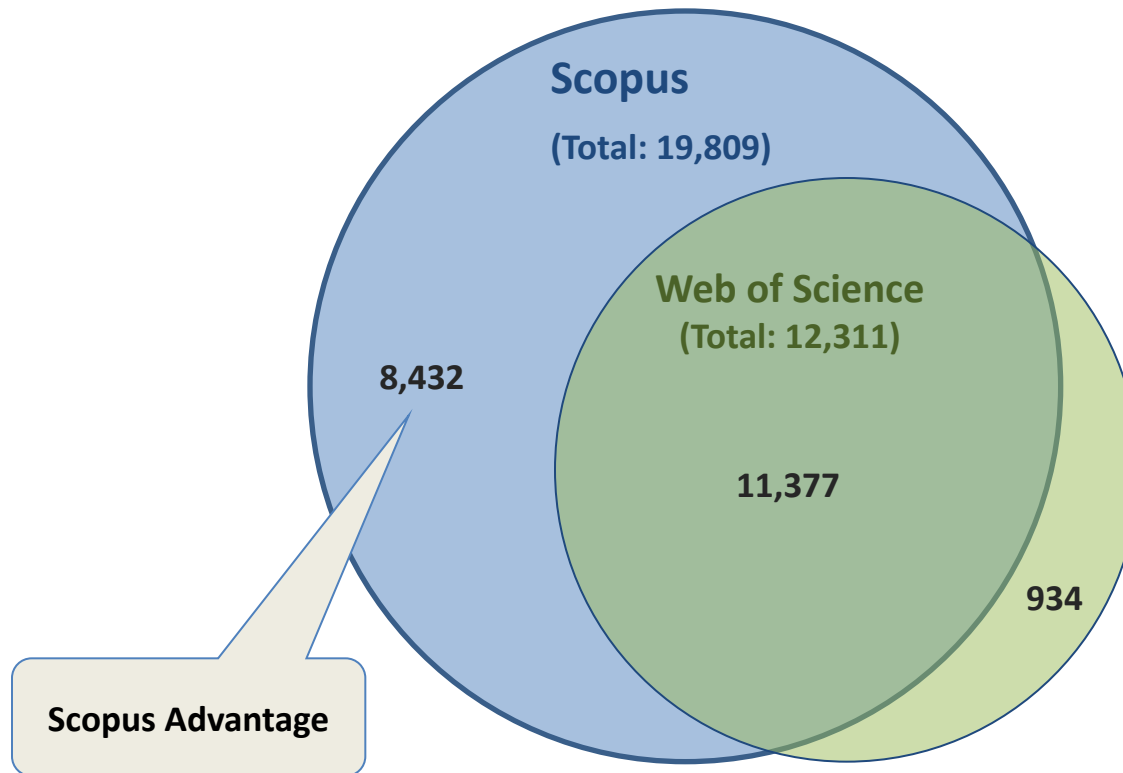


Active titles in Scopus:
Russia: 209 (80 unique)
Turkey: 162
Brazil: 310
India: 392

India
Brazil
Turkey
Russia

Broader coverage than nearest peer

Scopus



Scopus Advantage

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

Broader coverage = higher citations

Scopus

View at publisher | [Full Text](#) | [Library Catalogue](#) | View in EMBASE | Download | Export | Print | E-mail | Create bibliography | Add to

Nature

Volume 409, Issue 6822, 15 February 2001, Pages 860-921

Initial sequencing and analysis of the human genome

Lander, E.S.^a , Linton, L.M.^a, Birren, B.^a, Nusbaum, C.^a, Zody, M.C.^a, Baldwin, J.^a, Devon, K.^a, Dewar, K.^a, Doyle, M.^a, Gage, D.^a, Harris, K.^a, Heaford, A.^a, Howland, J.^a, Kann, L.^a, Lehoczky, J.^a, Levine, R.^a, McEwan, P.^a, McKernan, K.^a,

Cited by since 1996

This article has been cited **9456** times in Scopus:
(Showing the 2 most recent)

Iida, A., Hosono, N., Sano, M.
Novel deletion mutations of OPTN in amyotrophic lateral sclerosis in Japanese
(2012) *Neurobiology of Aging*

Ice, J.A., Li, H., Adrianto, I.
Genetics of Sjögren's syndrome in the genome-wide association era
(2012) *Journal of Autoimmunity*

Web of Science®

Title: Initial sequencing and analysis of the human genome

Author(s): Lander ES ; Linton LM ; Birren B ; et al.

Group Author(s): Int Human Genome Sequencing Conso

Source: NATURE Volume: 409 Issue: 6822 Pages: 860-921 DOI: 10.1038/35057062 Published: FEB 15 2001

8,870 i Web of Science



Expansive coverage does not mean lower standards **Scopus**

Publisher



STEP



Independent Content Selection & Advisory Board (CSAB)



Scopus

Suggest title Check minimum criteria Select titles based on quality

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- Support that Scopus is recognized as authoritative
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Minimum criteria

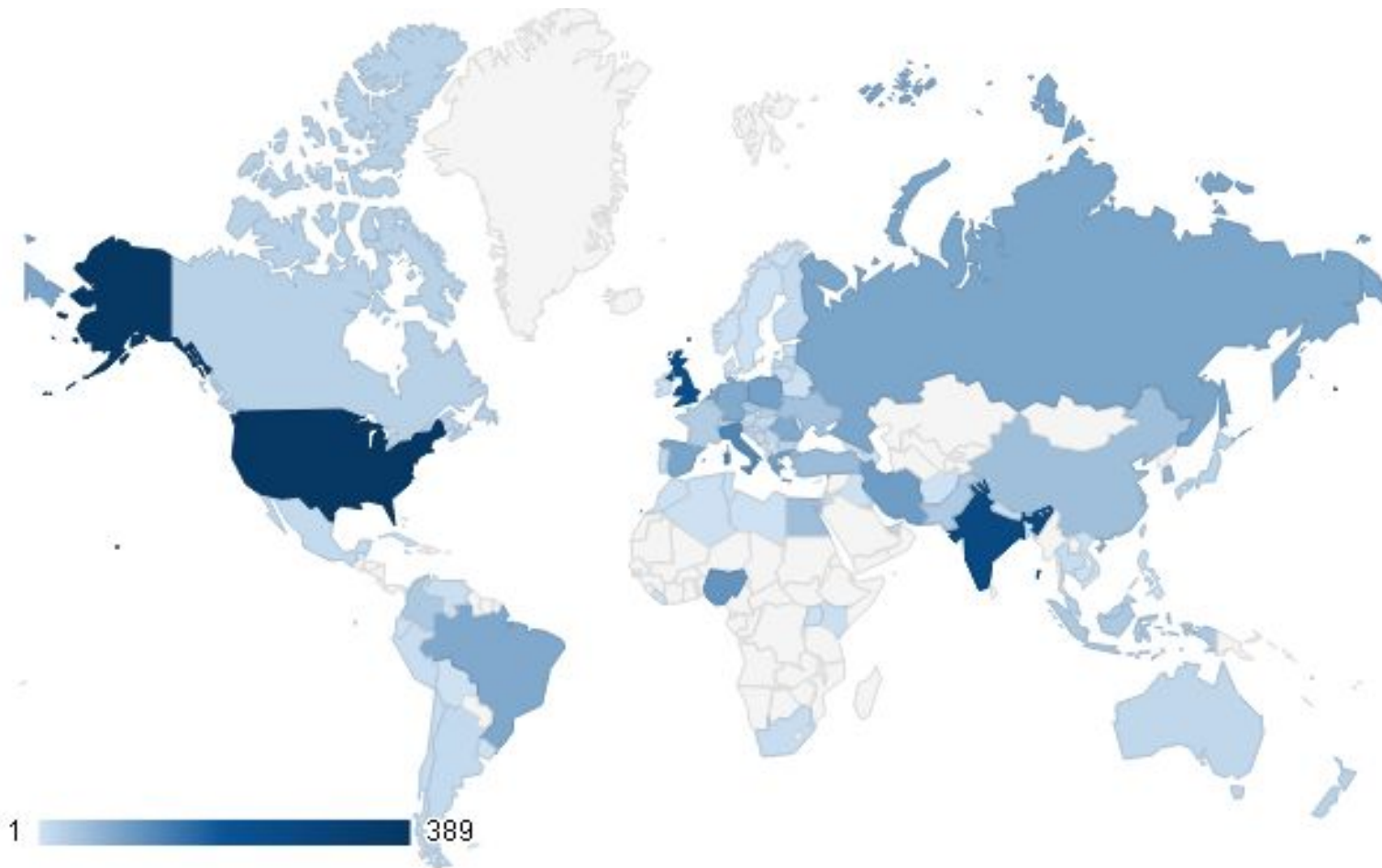
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- References in Roman script
- Publication ethics statement

Journal policy	<ul style="list-style-type: none">• Convincing editorial concept/policy• Level of peer-review• Diversity in geographic distribution of editors• Diversity in geographic distribution of authors
Quality of content	<ul style="list-style-type: none">• Academic contribution to the field• Clarity of abstracts• Quality and conformity with stated aims & scope• Readability of articles
Journal standing	<ul style="list-style-type: none">• Citedness of journal articles in Scopus• Editor standing
Regularity	<ul style="list-style-type: none">• No delay in publication schedule
Online availability	<ul style="list-style-type: none">• Content available online• English-language journal home page• Quality of home page

Title suggestions per country

Scopus

All title suggestions received in 2012

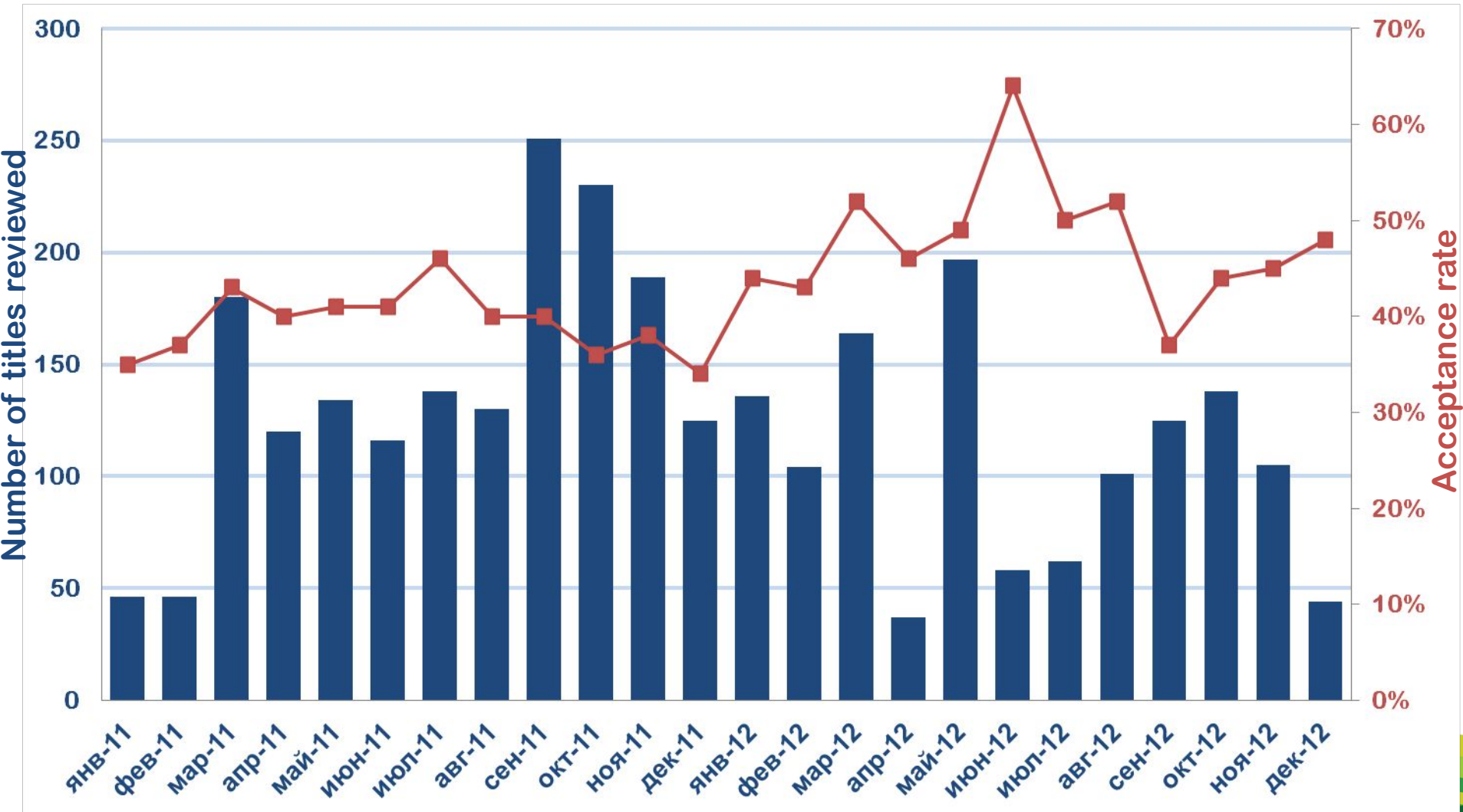


2,820 titles suggested in 2012 of which 1,020 acceptable for review

Titles reviewed

Scopus

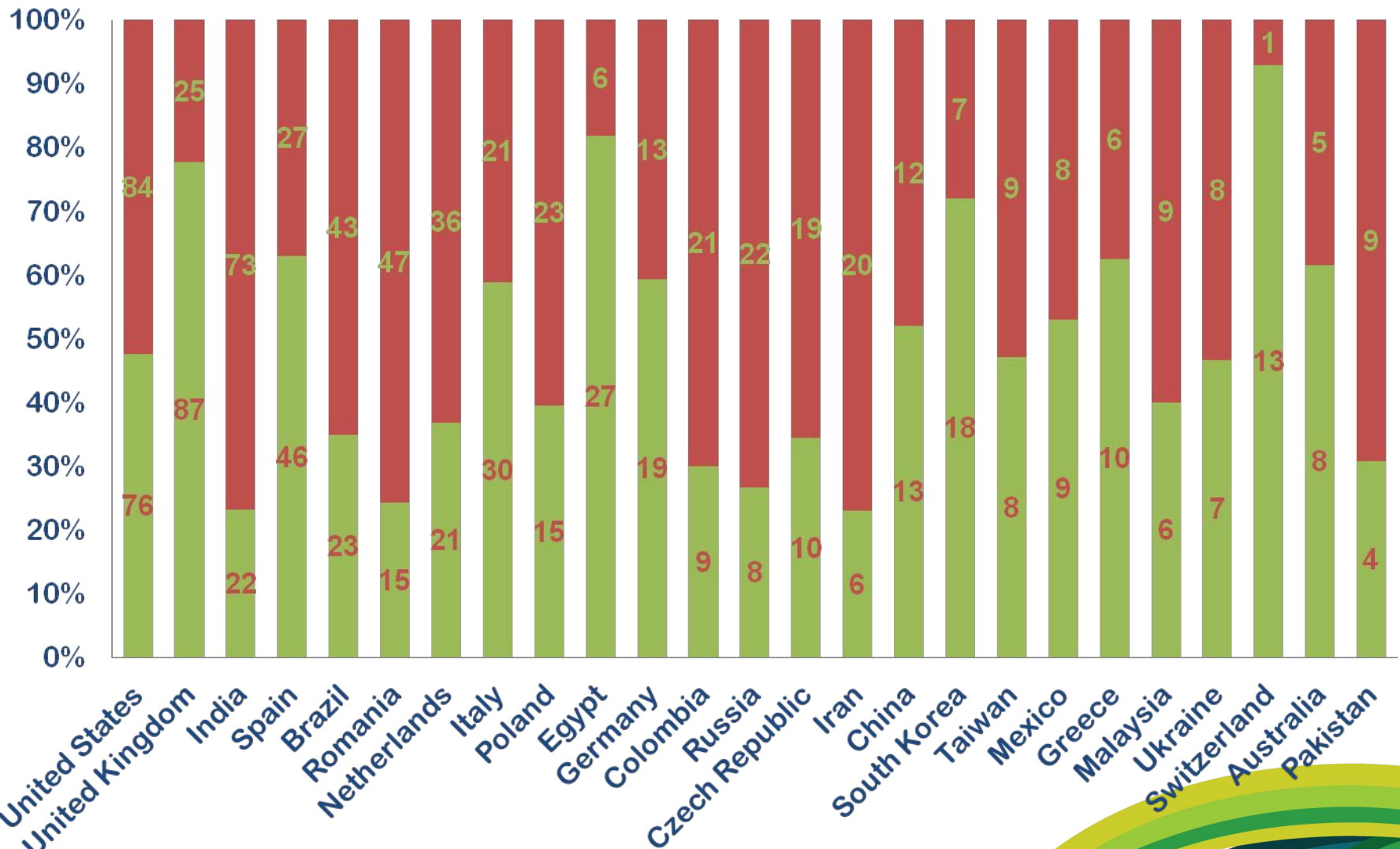
(n=2,976, January 2011 – December 2012)



2012: Total 1,271 titles reviewed of which 47% accepted

Titles reviewed top 25 countries (2012)

Scopus



Accepted
Rejected



titlesuggestion@scopus.com

Which metric to use?

1. What **level** am I assessing?
 - Article, Journal, Researcher, Institution, etc.
2. What **type** of impact am I assessing?
 - Scientific, Clinical, Societal, Educational, etc.
3. What **methods** are available based on above?
 - **Quantitative**: citation, usage, media, h-index, SNIP, SJR, etc.
 - **Qualitative**: Peer-review, etc.

Bibliometrics (quantitative measures used to assess research output)
Basic premise = **Citation is a form of endorsement**

Bibliometricians agree that **no single metric can effectively capture the entire spectrum of research performance** because no single metric can address all key variables

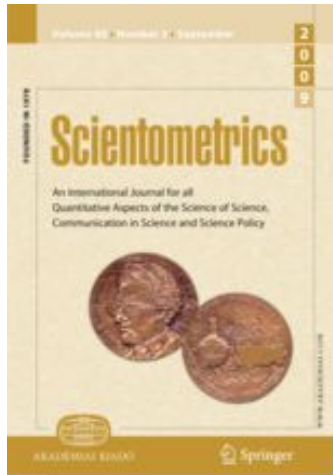
Which journal is best?

Journal	Impact Factor 2008*
Lancet Infectious Diseases	13.165
Social Studies of Science	1.343
Dyes & Pigments	2.507
Expert Systems with Applications	2.596
Progress in Nuclear Magnetic Resonance Spectroscopy	6.162
Communications on Pure & Applied Mathematics	3.806

*Journal Citation Reports 2009

They are all the best – all the top of their subject categories





“[Publishers should] **Greatly reduce emphasis on the journal impact factor as a promotional tool** ideally by ceasing to promote the impact factor or **by presenting the metrics in the context of a variety of journal based metrics** ... that provide a richer view of journal performance”

Vanclay, J, Impact factor: outdated artefact or stepping-stone to journal certification, *Scientometrics*, Volume 92, Issue 2 (August 2012)

- From *The San Francisco Declaration on Research Assessment (DORA)*
<http://am.ascb.org/dora/>



More accuracy, transparency, more metrics

Scopus

About SJR

SCImago Journal Rank (SJR) is a prestige metric based on the idea that 'all citations are not created equal'.

About SNIP

Source Normalized Impact per Paper (SNIP) measures contextual citation impact by weighting citations based on the total number of citations in a subject field.

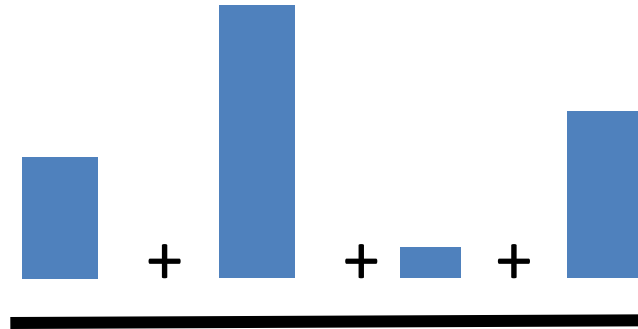


www.journalmetrics.com

SNIP: Source-normalized impact per paper

Scopus

A journal's raw impact per paper



Citation potential in its subject field



Peer reviewed papers only

A field's frequency and immediacy of citation

Database coverage

Journal's scope and focus

Measured relative to database median



SNIP: Molecular Biology VS Mathematics

Scopus

Journal	RIP	Cit. Pot.	SNIP (RIP/Cit. Pot.)
Inventiones Mathematicae	1.5	0.4	3.8
Molecular Cell	13.0	3.2	4.0



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



High impact, lots of citations
One citation = low value



Low impact, few on citations
One citation = high value

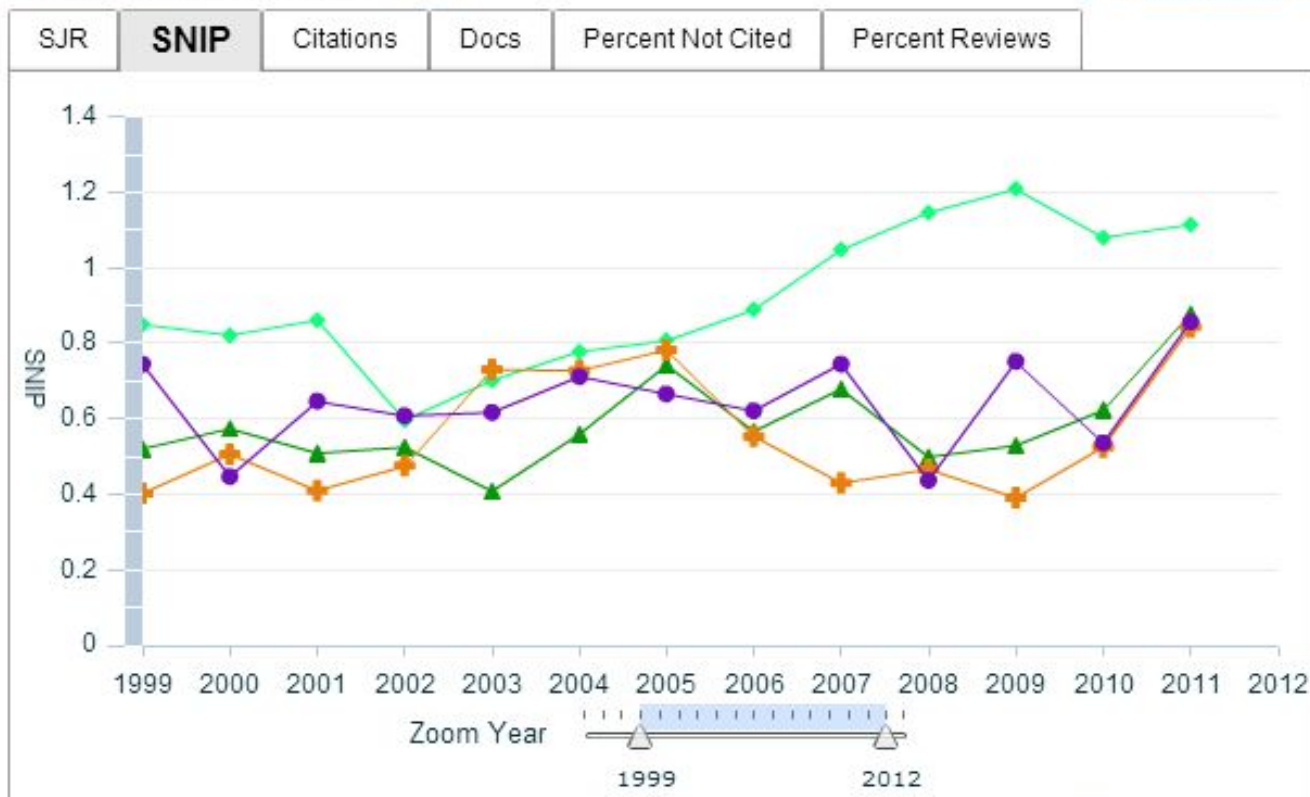
SJR normalizes for differences in citation behaviour between subject fields

More analysis using Scopus: Journal Analyzer

Scopus

Show journals in: [Line Chart](#) | [Table](#)

[?](#) About calculations



Note: Scopus does not have complete citation information for articles published before 1996.

Calculations Last Updated: 03 Sep 2012

Journals in Chart

[✕](#) Clear Chart

	Indian Journal of Medical Research	+ Show info	✕
	Indian Journal of Experimental Biology	+ Show info	✕
	Indian Journal of Pure and Applied Physics	+ Show info	✕
	Indian Journal of Fibre and Textile Research	+ Show info	✕

ELSEVIER Home Quality ▾ Speed ▾ Authors ▾ [Submit Article](#)

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Quality metrics

There are several reasons why an author will choose a particular journal to submit to and probably one of the most important reasons is the quality of the journal.


To be accepted by a good quality journal is, in itself, a mark of quality.

We define quality by several metrics, which are statistically sound and provide authors with valuable information to support their selection.


Impact Factor



5 Year Impact Factor




Eigenfactor & Article Influence



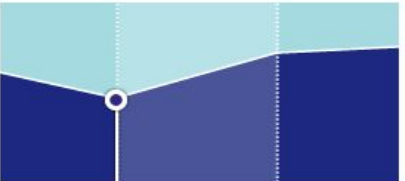
2009
1.339 Article influence

SNIP



Year 2009
0.826 SNIP

SJR



APIs to promote article-level metrics

Scopus

A tutorial on particle filters for online nonlinear/non-Gaussian Bayesian tracking

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4 Author(s) Sanjeev Arulampalam, M. ; Defence Sci. & Technol. Organ., Adelaide, SA, Australia ; Maskell, S. ; Gordon, N. ; Clapp, T.

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Scopus

Nature

Volume 474, Issue 7350, 8 June 2011, Pages 212-216

Altmetric for Scopus



Score in context

Puts article in the top 5% of all articles ranked by attention

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- 1 F1000 reviews
- 3 news outlets
- 7 science blogs

Readers on

- 4 Mendeley
- 5 CiteULike
- 3 Connotea

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Twitter F1000 News Blogs Score Demographics

So far Altmetric has seen 9 tweets from 7 accounts with an upper bound of 5,271 combined followers.


 sivad @sivad 1,790 followers
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26-Dec-2012


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遺伝的背景が同じでも、iPS細胞はES細胞と異なり拒絶反応を起こした、というマウスでの実験 / "nature10135.html" http://t.co/14AER7LA
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La inmunogenicidad de células madre pluripotentes inducidas http://t.co/3NAYhCN5
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 Robert Silge, MD @DrSilge
pluripotent stem cells induced from somatic cells can have immunogenicity. Potential problem for therapy. http://ow.ly/5di29

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Piquet, A.L., Venkiteswaran, K., Marupudi, N.I.
The immunological challenges of cell transplantation for the treatment of Parkinson's disease
(2012) *Brain Research Bulletin*

de Verteuil, D., Granados, D.P., Thibault, P.
Origin and plasticity of MHC I-associated self peptides
(2012) *Autoimmunity Reviews*

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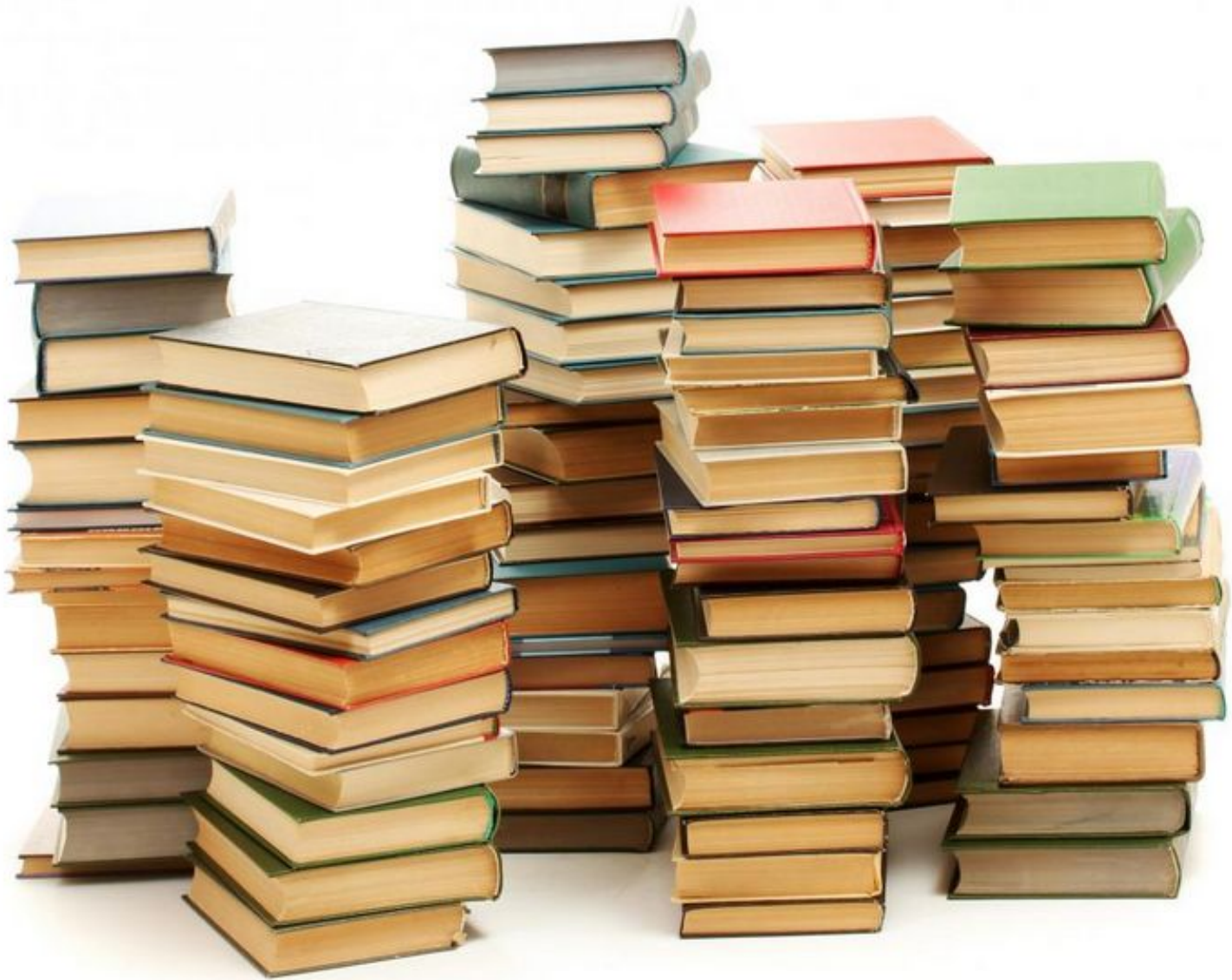
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MeSH: Animals; Cells; Culture; Fibroblasts; Organ Rejection; Induced Pluripotent Stem Cells; Mice; Mice, Inbred C57BL; Nuclear

Reprogramming; Plasmids; Teratoma; Transplantation, Homologous; Transplantation, Isogeneic; Up-Regulation

Medline is the source for the MeSH terms of this document.

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Crozier, M.J.^a, Glade, T.^b^a Institute of Geography, School of Earth Sciences, Victoria University of Wellington, PO Box 600, Wellington, New Zealand^b Department of Geography, University of Bonn, Meckenheimer Allee 166 D-53115 Bonn, Germany

Abstract

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Author keywords

Deep-seated earthflows; Landslide hazard impact; Mass movement; Slope instability; Soil creep

ISBN: 978-047148663-3 Source Type: Book Original language: English

DOI: 10.1002/9780470012659.ch2 Document Type: Chapter

Publisher: John Wiley & Sons, Ltd

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1 (2002) *Australian Geomechanics*, pp. 51-70.
Australian Geomechanics Society Australian Geomechanics Society Sub-committee on Landslide Risk Management (ed.)

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Frank, C., Becht, M.
2 (2003) *Natural hazard maps in the Alps derived from historical data on a local scale -results from the Tegernsee Valley*

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