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Science is growing globally

Scopus

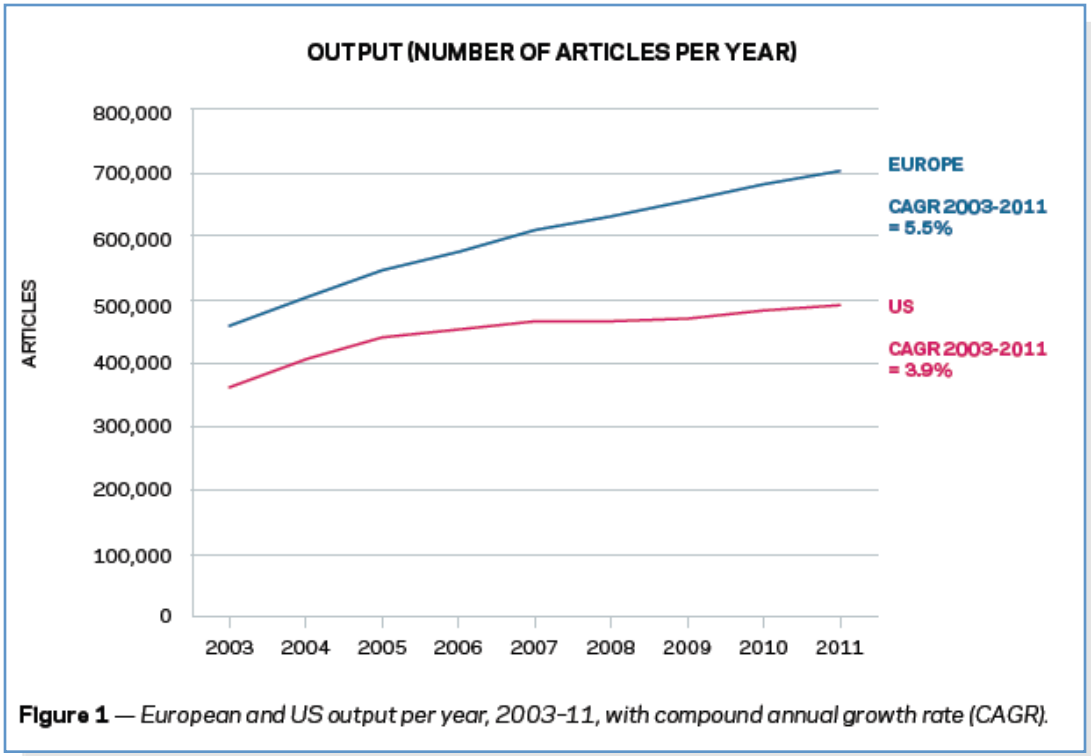
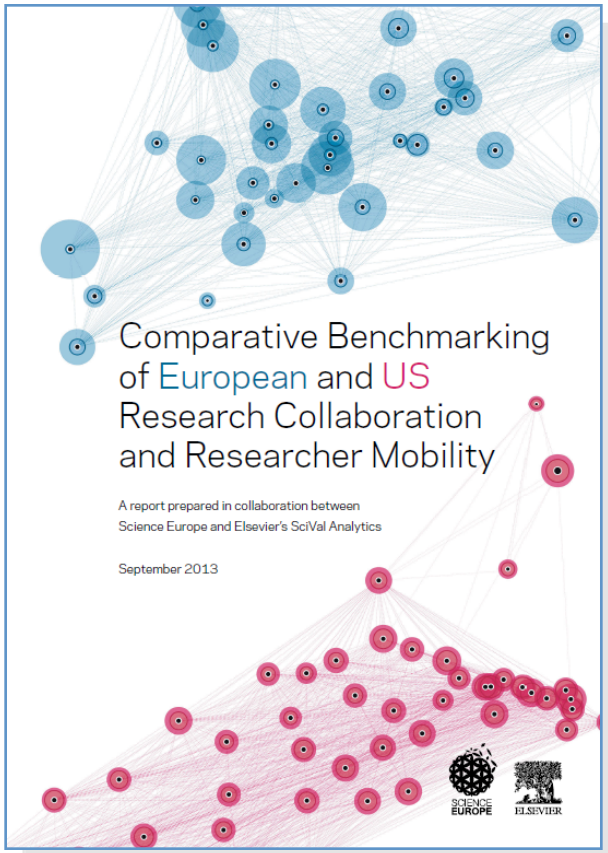


Figure 1 — *European and US output per year, 2003–11, with compound annual growth rate (CAGR).*



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http://info.scival.com/research-initiatives/science-europe

(International) collaboration is rising

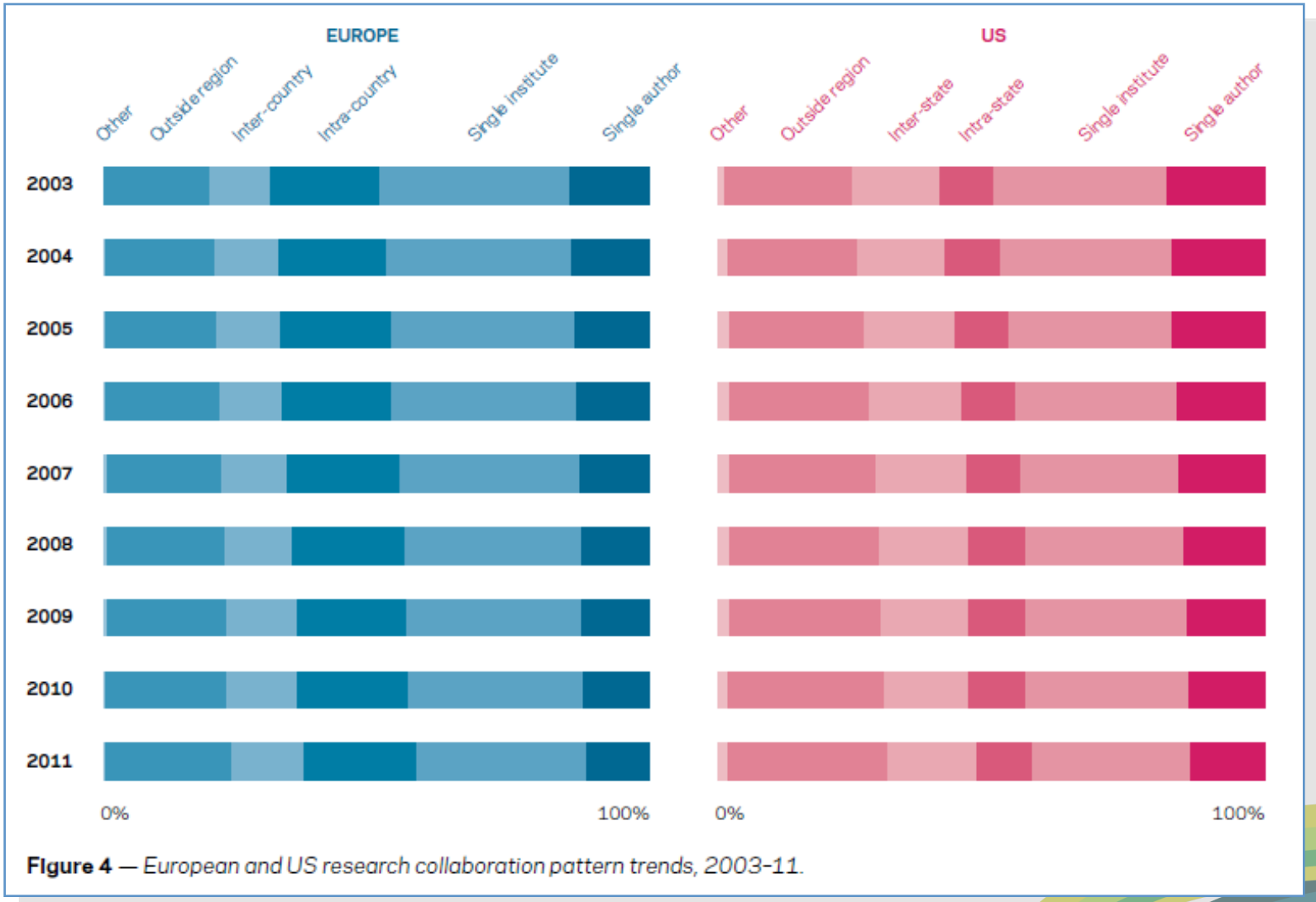

Figure 4 — *European and US research collaboration pattern trends, 2003-11.*

Collaboration increases citation impact

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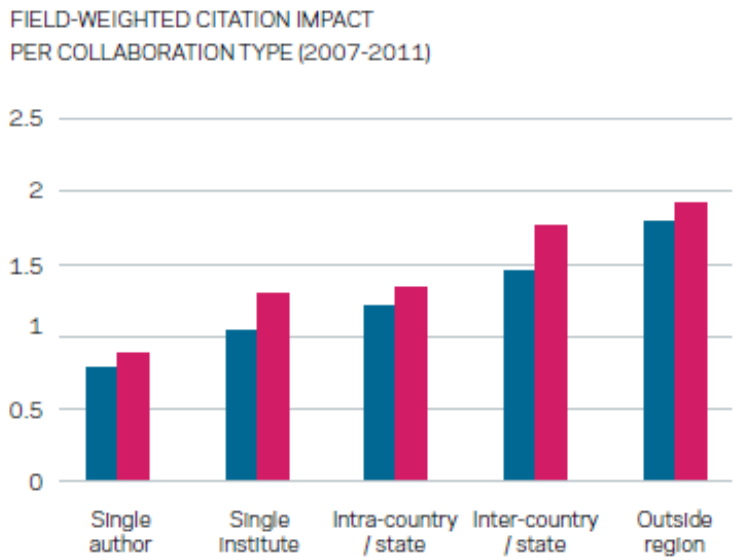

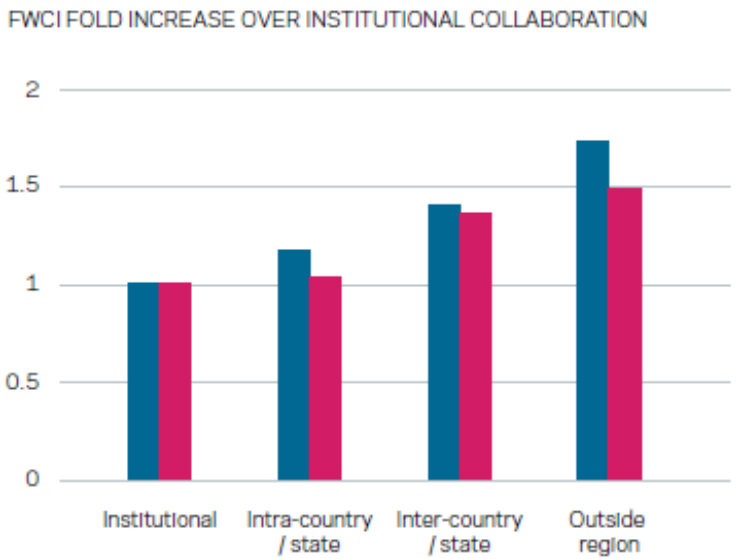

Europe US

FWCI FOLD INCREASE OVER INSTITUTIONAL COLLABORATION

	Institutional	Intra-country / state	Inter-country / state	Outside region
EUROPE	1	1.17	1.41	1.73
US	1	1.03	1.37	1.49

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.*

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Citation impact of international collaboration

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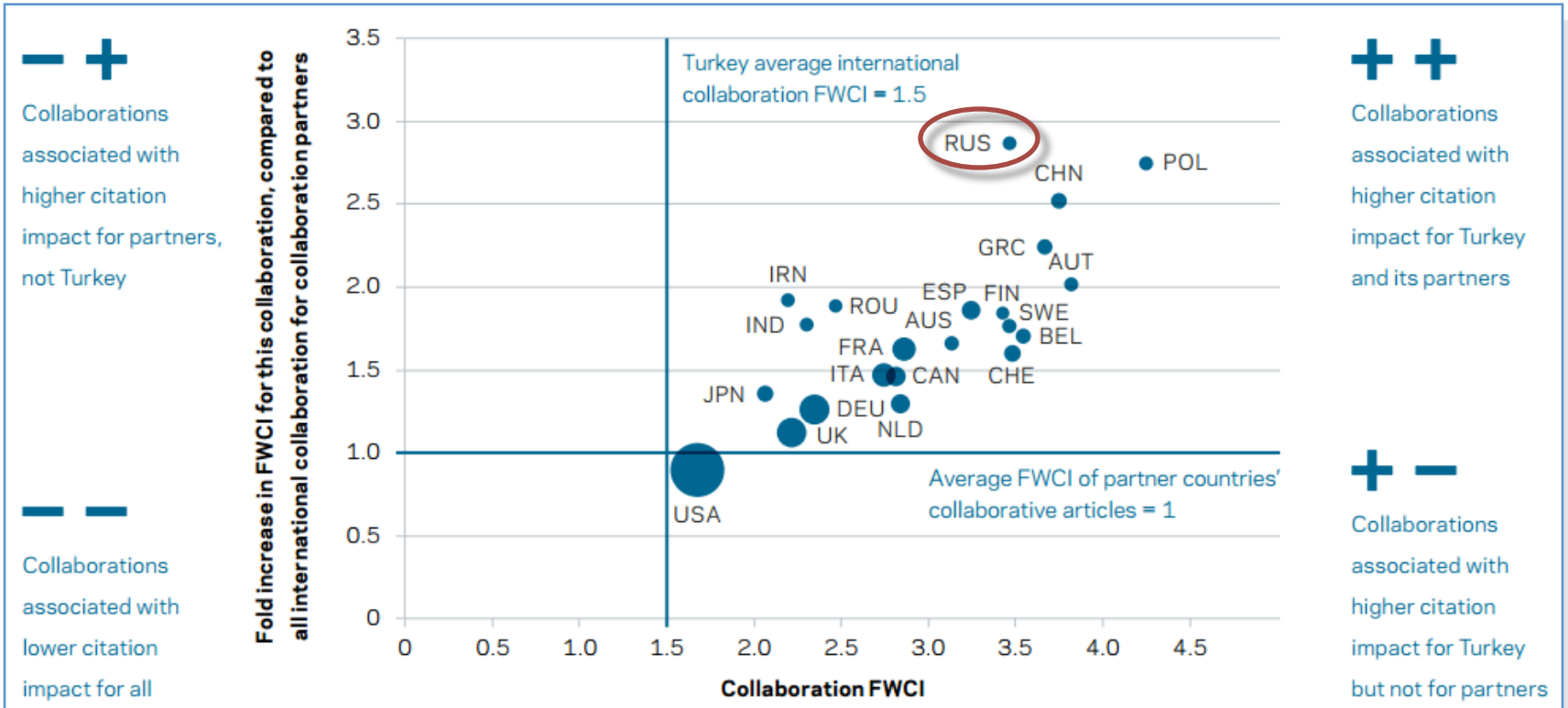

Figure 18 — *Citation impact of collaborative outputs between Turkey and the 20 largest collaborating countries within and outside region, 2007-2011.*

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The broad source for research answers

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>51.6M records

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

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70k book items (chapters & books)

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Breadth of coverage across subject areas

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- etc.,

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- (100% Medline)
- Nursing
- Dentistry
- etc.,

Social Sciences
6,350

- Psychology
- Economics
- Business
- A&H etc.,

Life Sciences
4,050

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- Pharmacology
- Biology
- etc.,

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

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Geographical distribution of titles

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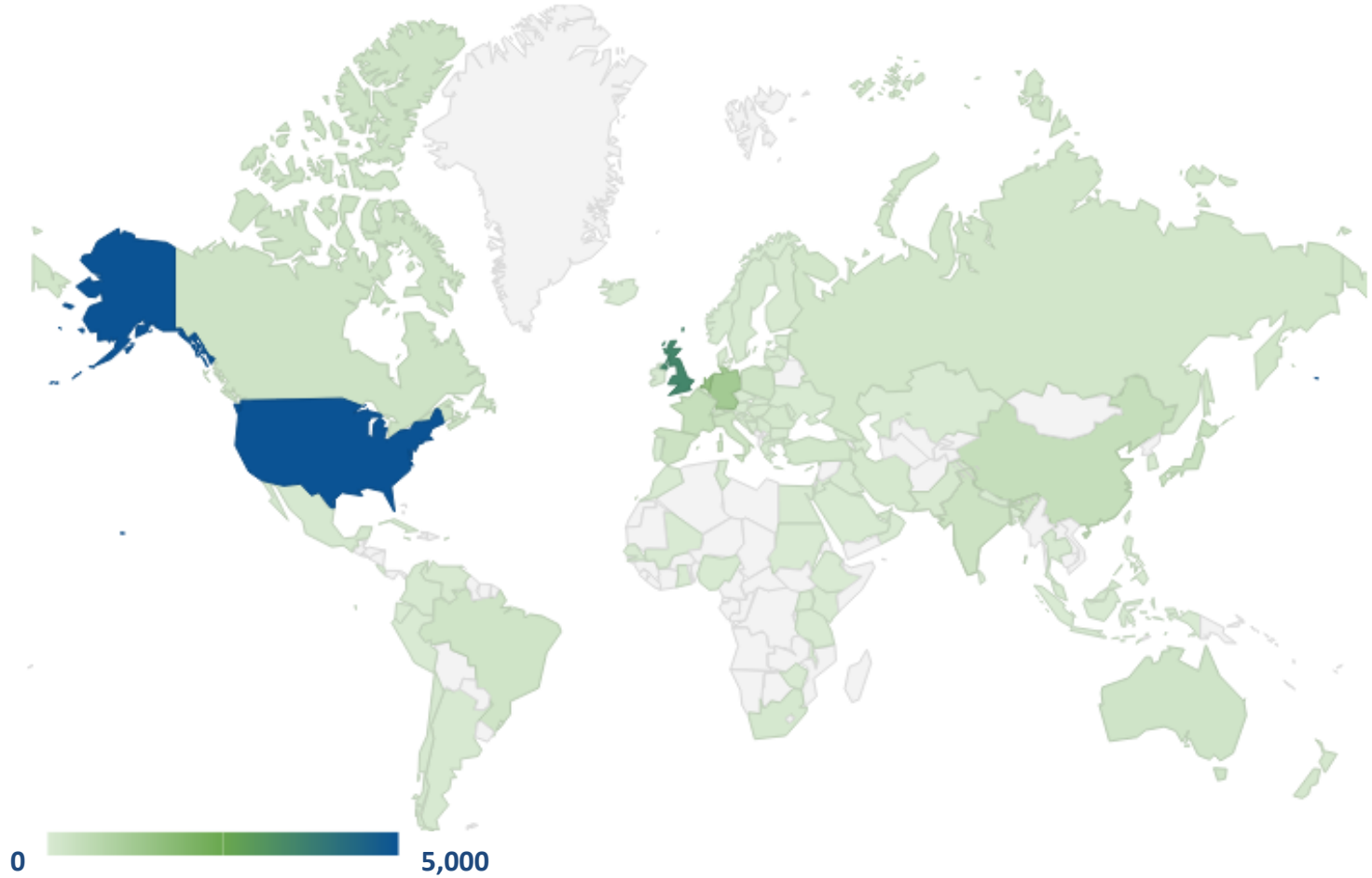

Wider coverage gives a more accurate picture of the research landscape

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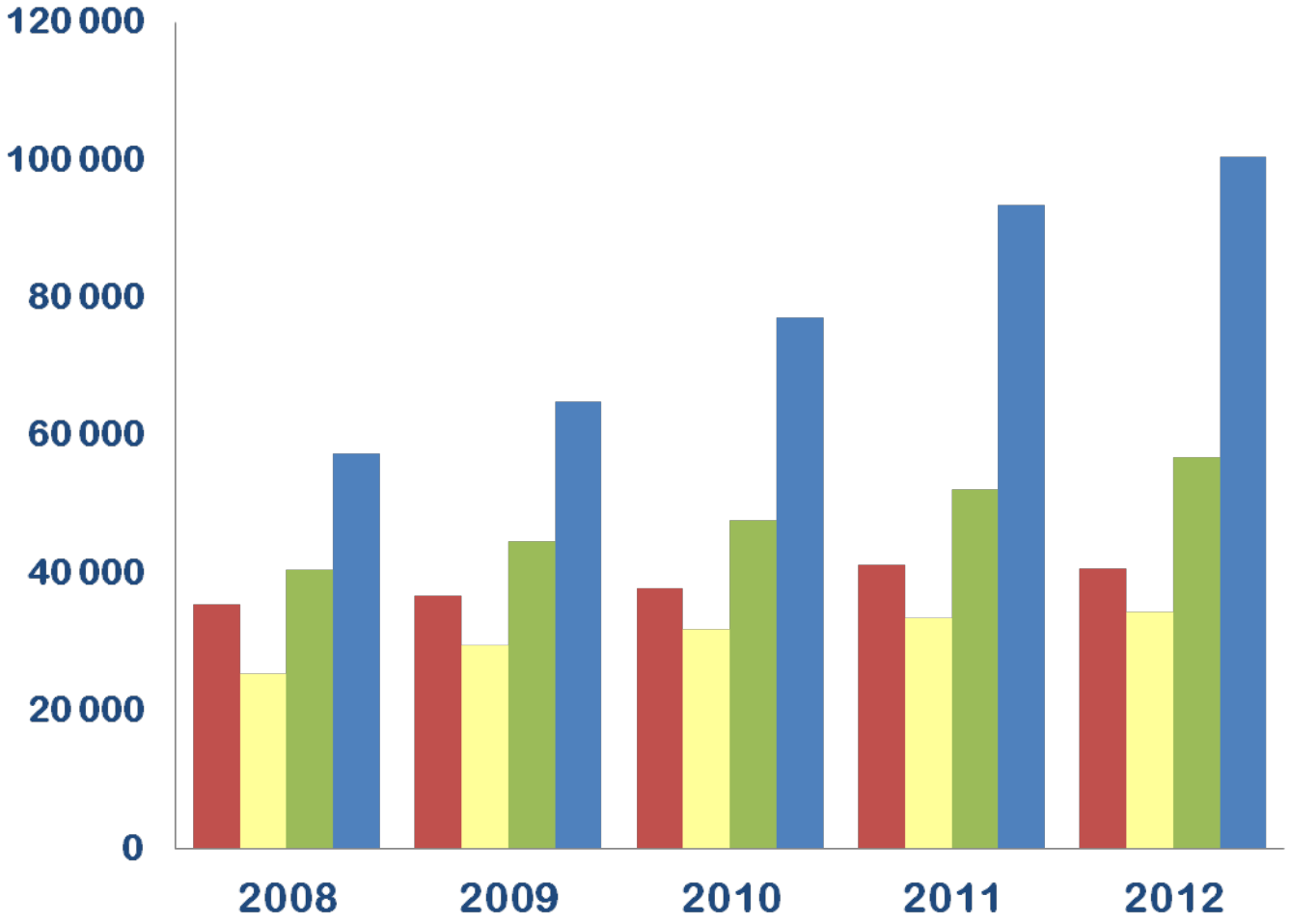
Breadth of coverage in Russia

Scopus

Number of documents in Scopus 2008 – 2012



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

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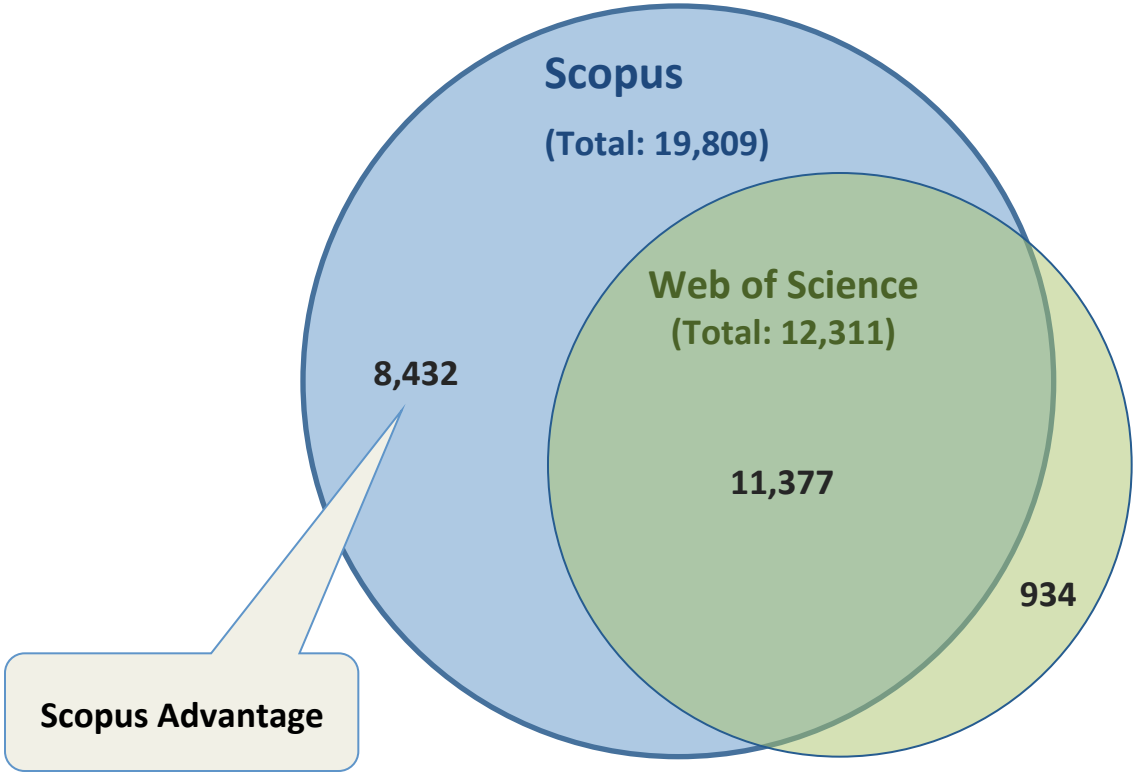
Broader coverage than nearest peer

Scopus



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

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Broader coverage = higher citations

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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
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],

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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 in *Web of Science*

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Expansive coverage does not mean lower standards

Scopus

Publisher

Suggest title

→ STEP →

Check minimum criteria

Independent Content Selection & Advisory Board (CSAB)

Select titles based on quality

→ Scopus

Titles processed via the online Scopus Title Evaluation Platform (STEP)

Focus on quality through selection by independent CSAB to:

- Provide accurate and relevant search results for users
- No dilution of search results by irrelevant or low quality content
- Support that Scopus is recognized as authoritative
- Support confidence that Scopus is "reflecting the truth"
- Assurance that titles selected by Scopus meet the highest (ethical) standards

Scopus selection criteria

Scopus

Minimum criteria
• Peer-review
• English abstracts
• Regular publication
• References in Roman script
• Publication ethics statement

Journal policy	• Convincing editorial concept/policy • Level of peer-review • Diversity in geographic distribution of editors • Diversity in geographic distribution of authors
Quality of content	• Academic contribution to the field • Clarity of abstracts • Quality and conformity with stated aims & scope • Readability of articles
Journal standing	• Citedness of journal articles in Scopus • Editor standing
Regularity	• No delay in publication schedule
Online availability	• Content available online • English-language journal home page • Quality of home page

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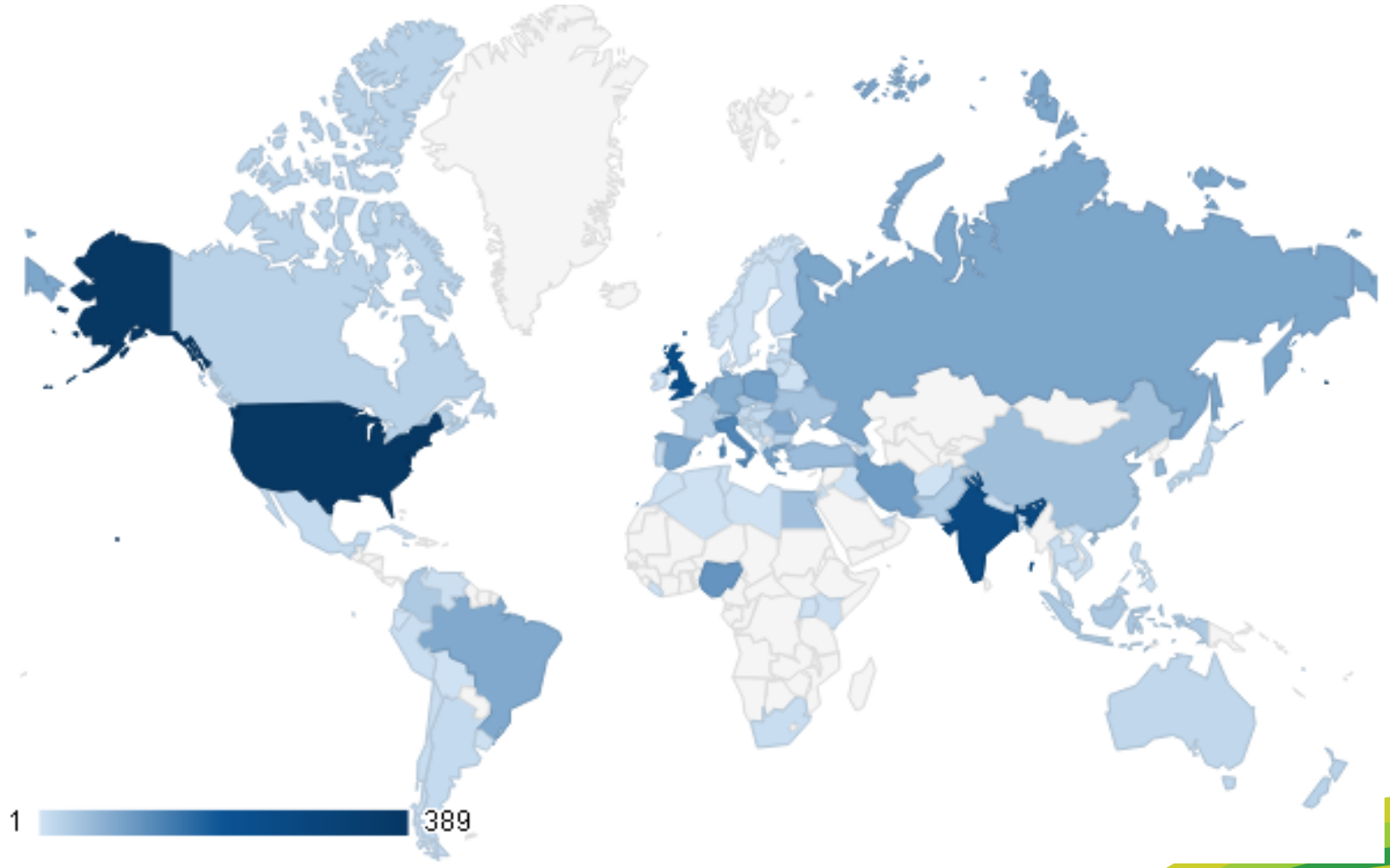
Title suggestions per country

Scopus

All title suggestions received in 2012



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

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Titles reviewed

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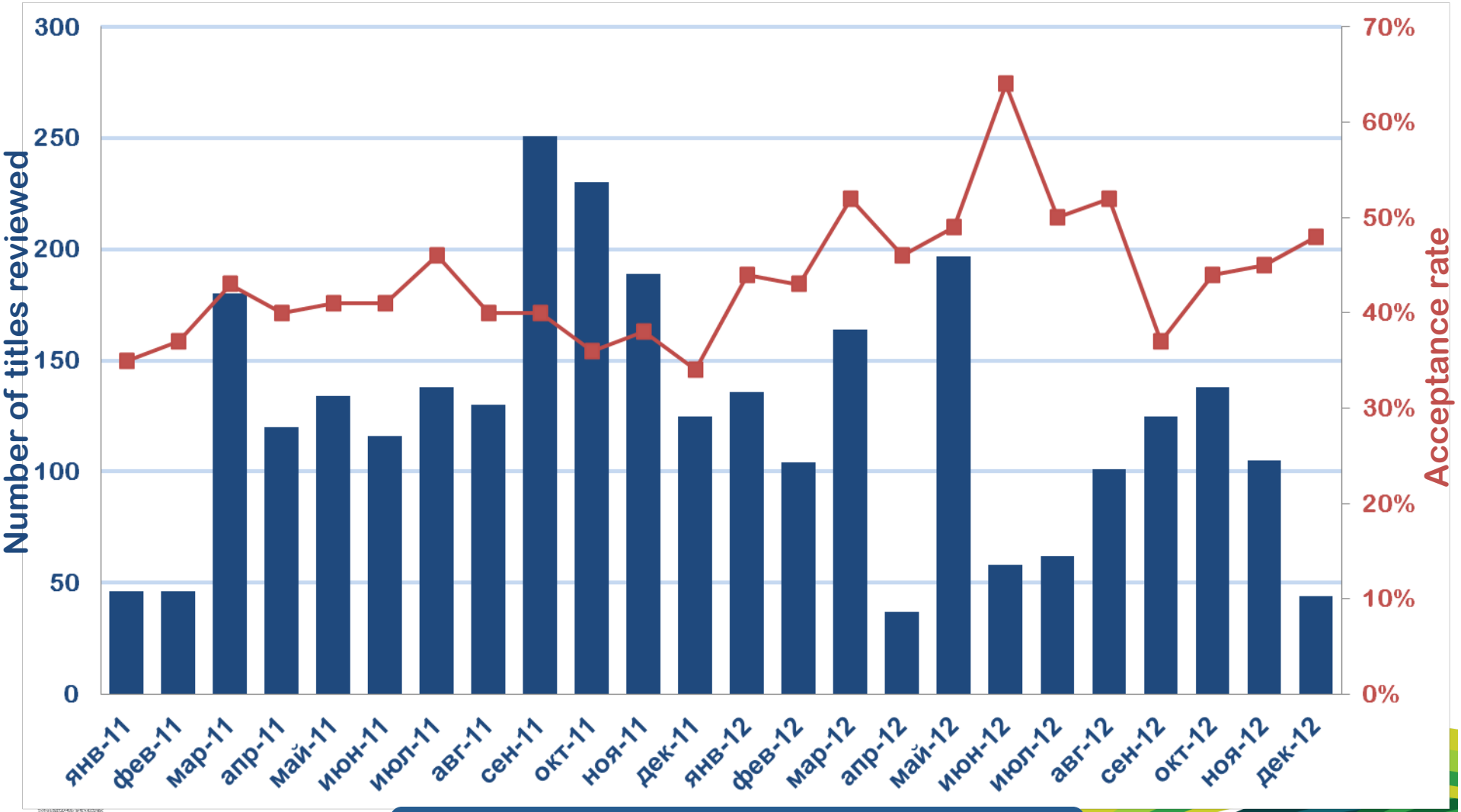
(n=2,976, January 2011 – December 2012)



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

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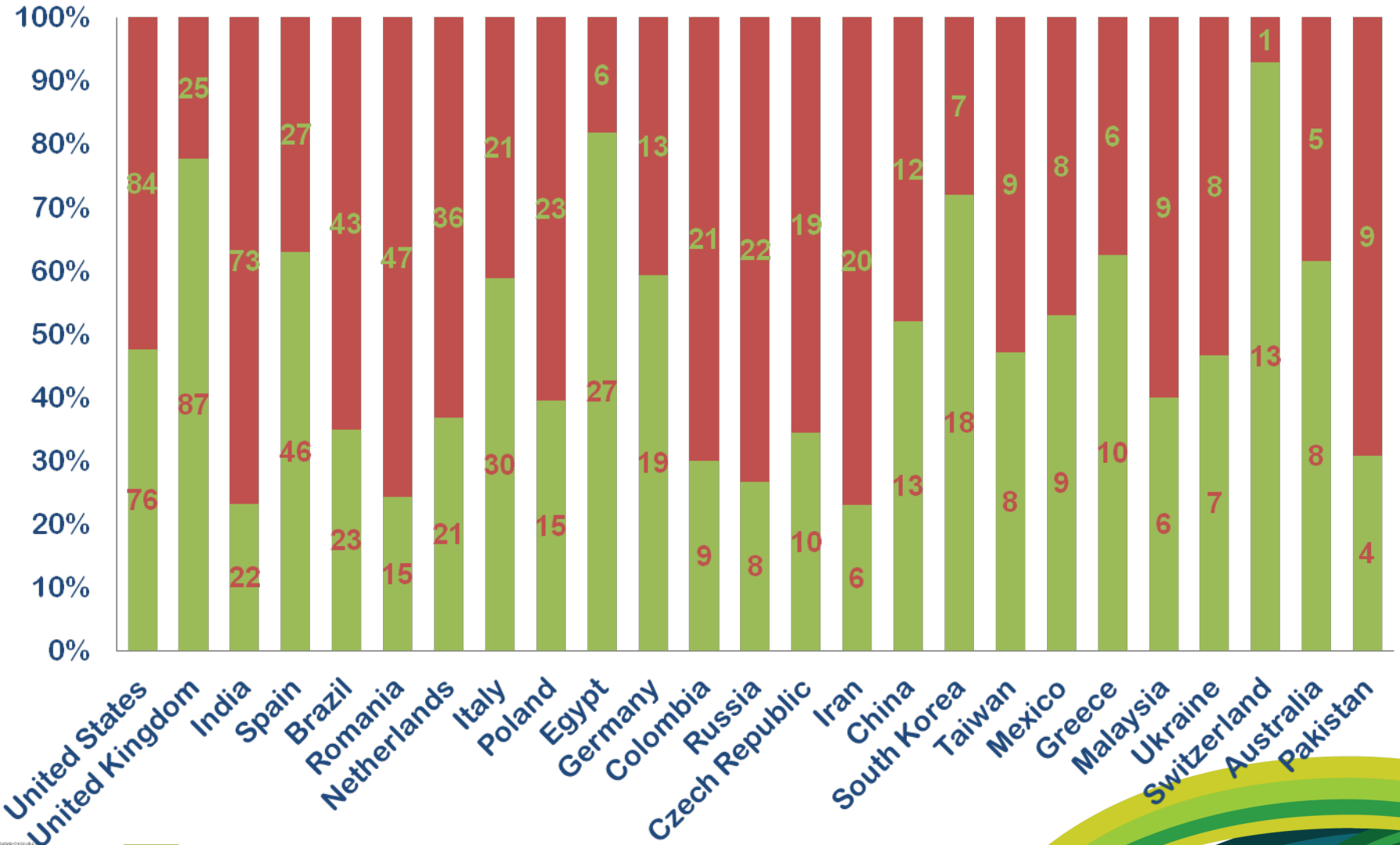
Titles reviewed top 25 countries (2012)

Scopus



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titlesuggestion@scopus.com

Which metric to use?

Scopus

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 asses 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

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Journal Impact Factor

Scopus

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

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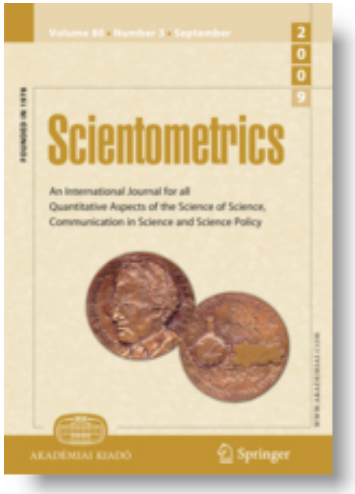
Journal Impact Factor

Scopus



"[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 o Research Assessment (DORA)*
http://am.ascb.org/dora/

San Francisco DORA Declaration on Research Assessment

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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

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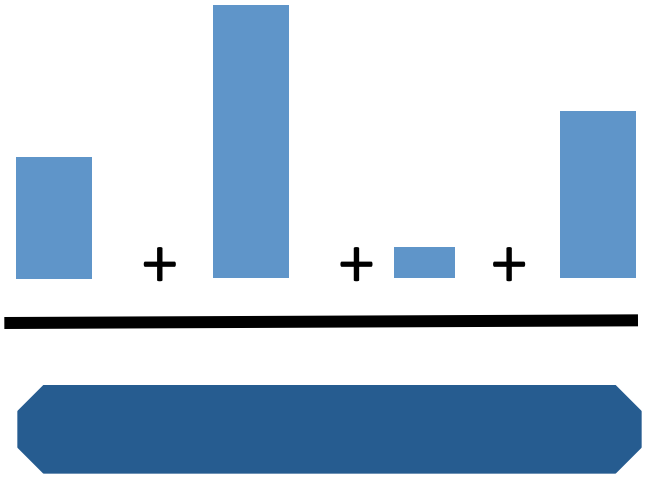
SNIP: Source-normalized impact per paper

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

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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

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SJR: SCImago Journal Rank

Scopus

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

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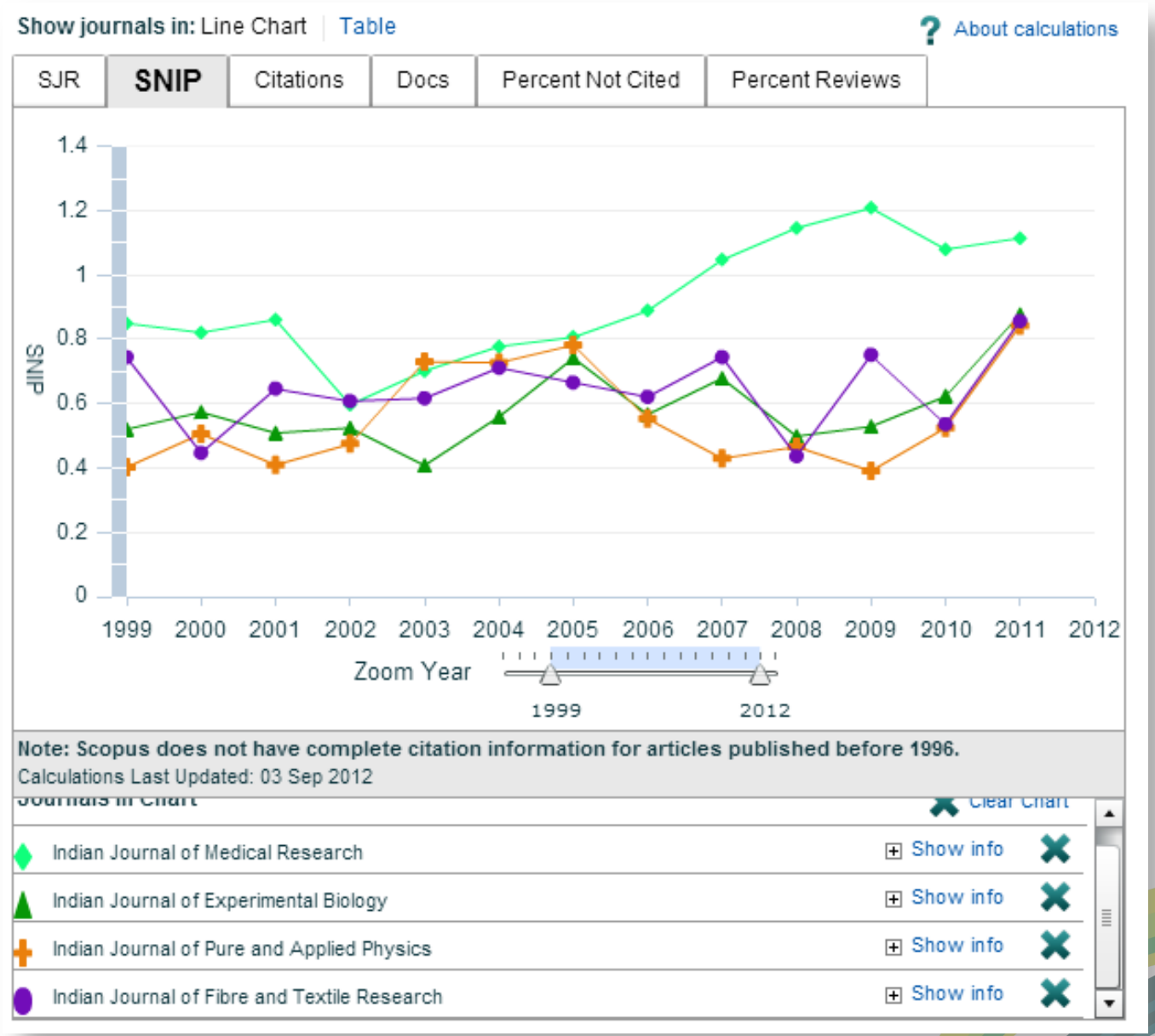
More analysis using Scopus: Journal Analyzer

Scopus



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APIs to promote journal prestige

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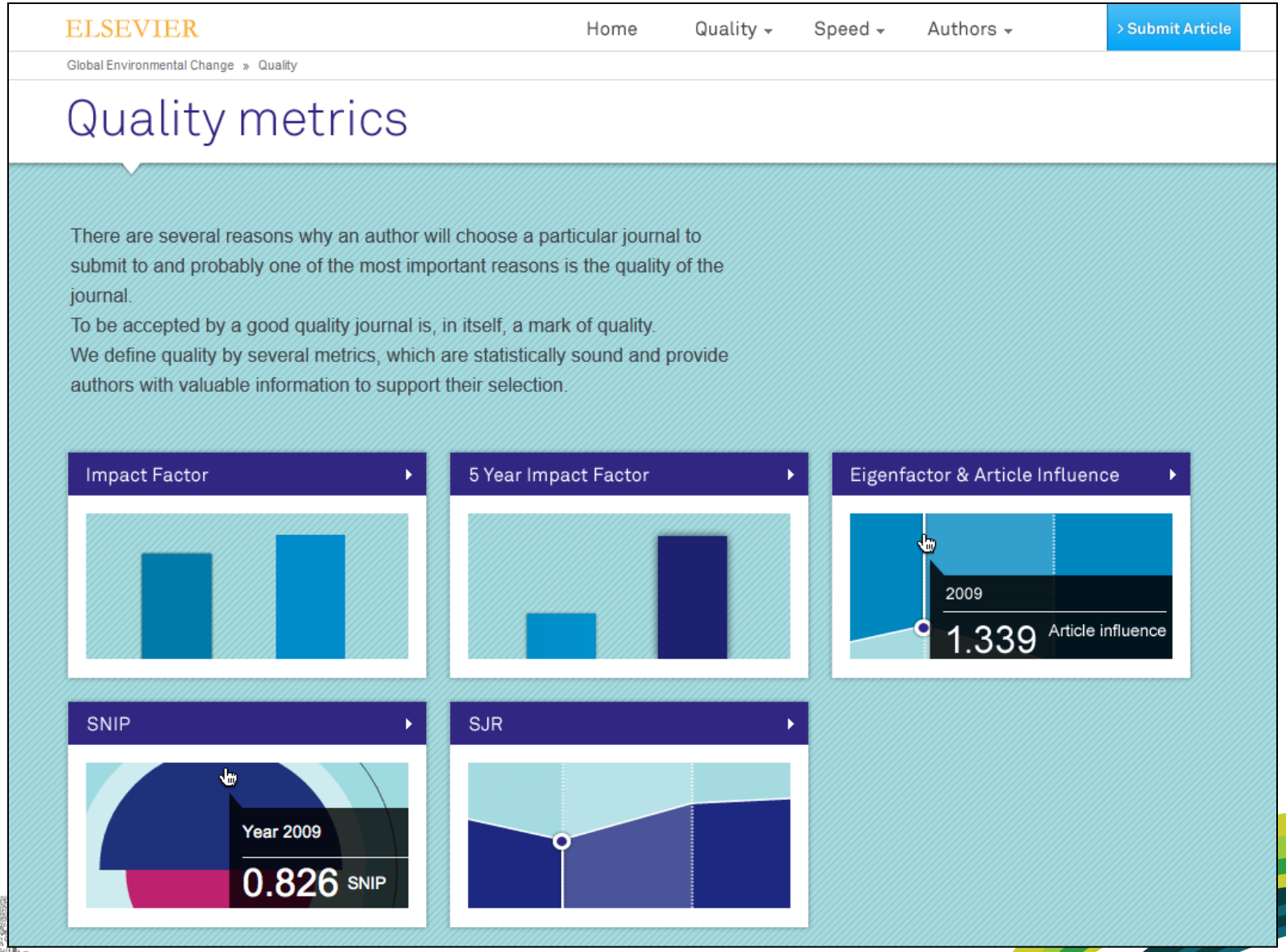

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APIs to promote article-level metrics

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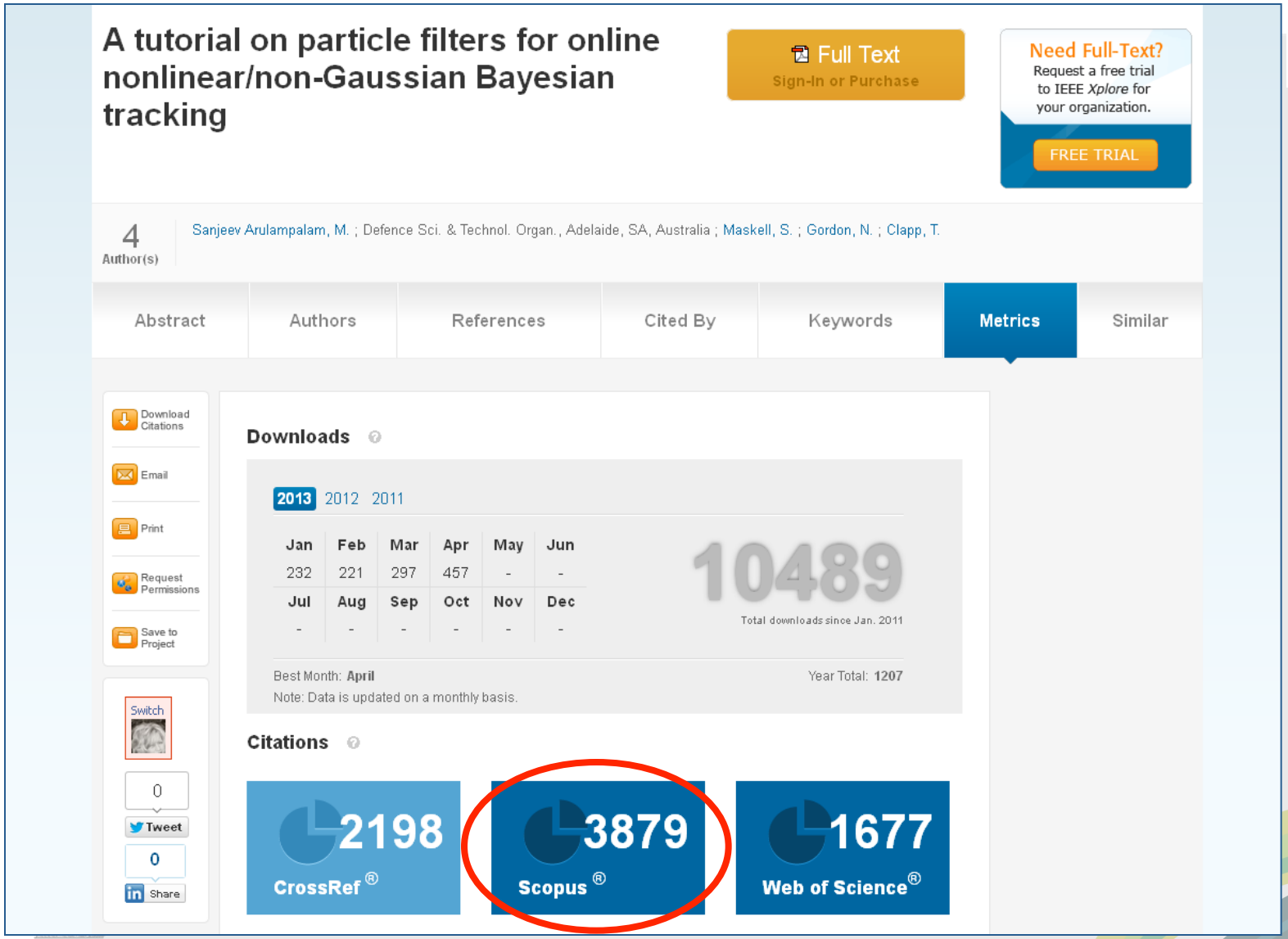
IEEE



Societal impact and media mentions via Altmetric for Scopus

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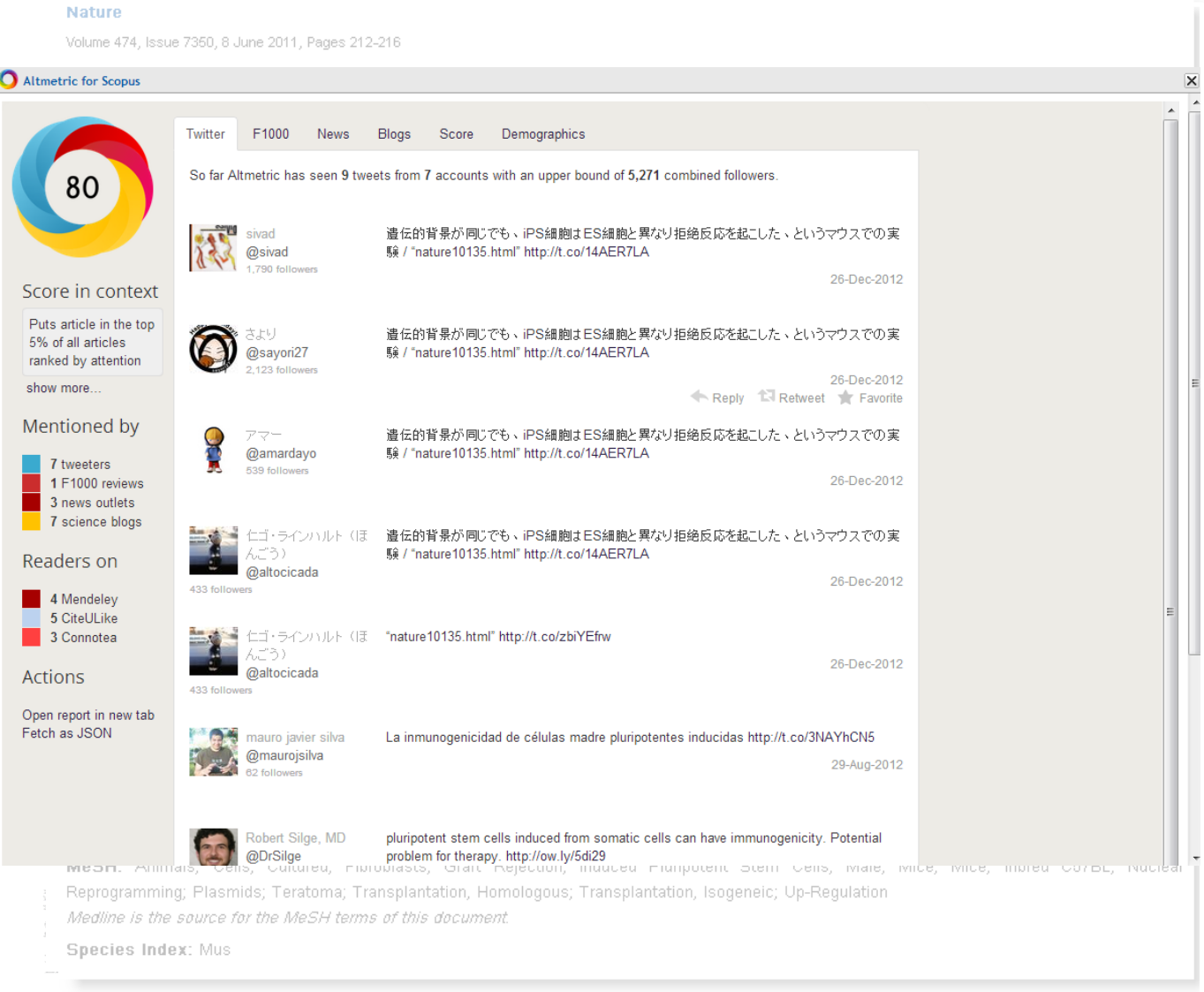

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(2012) Brain Research Bulletin

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

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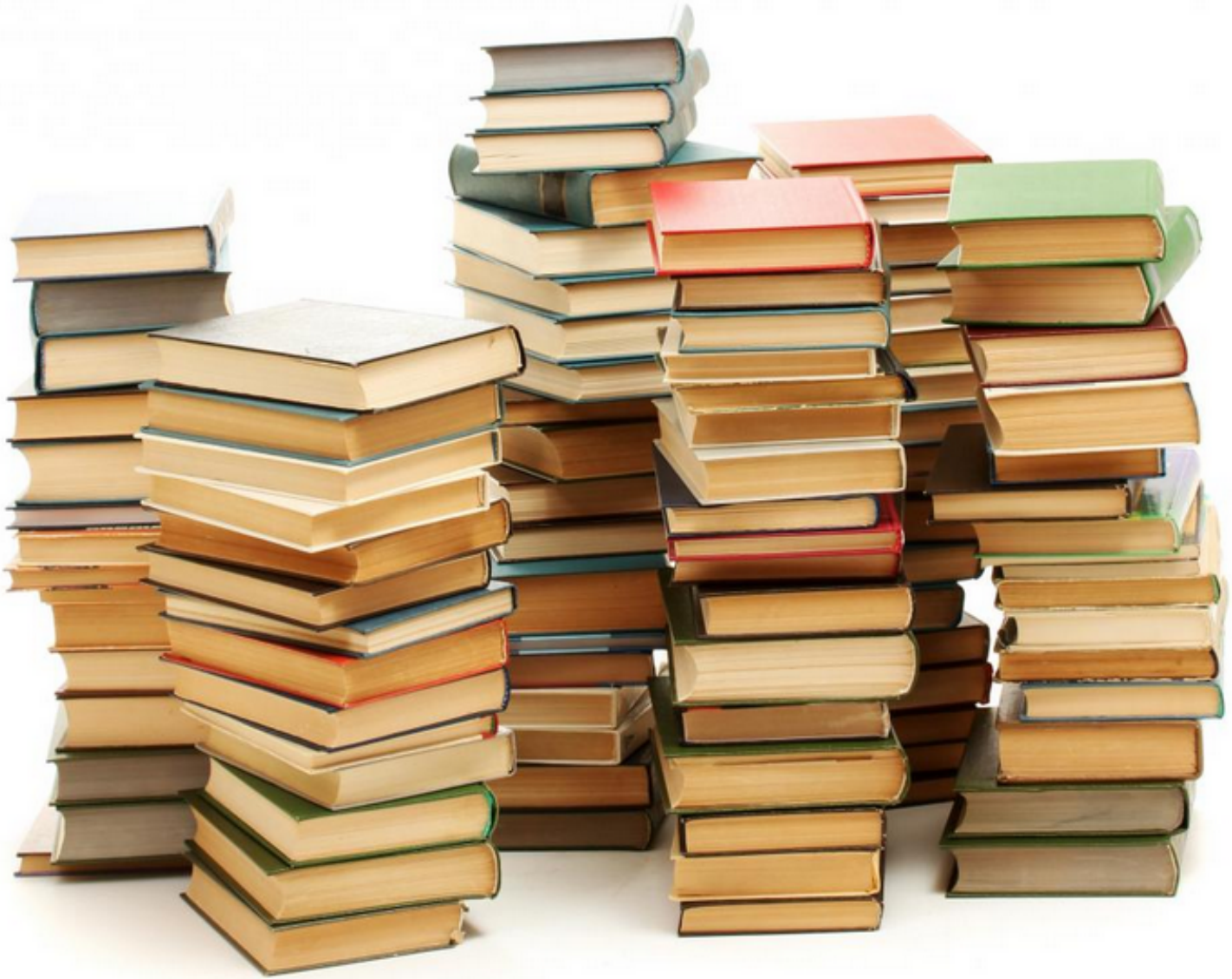

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Book types	• **Monographs, edited volumes, graduate level text books, major reference works**
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Selection depends on:

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10	Cultural Consideration in Landslide Risk Perception (Chapter)	Harmsworth, G., Raynor, B.	2012	*Landslide Hazard and Risk*	5

Landslide Hazard and Risk

10 April 2012, Pages 43-74

The Nature of Landslide Hazard Impact (Chapter)

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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[No abstract available]

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 **Landslide risk management concepts and guidelines**

(2002) *Australian Geomechanics*, pp. 51-70.

Australian Geomechanics Society Australian Geomechanics Society Sub-committee on Landslide Risk Management (ed.)

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2 Frank, C., Becht, M.

(2003) *Natural hazard maps in the Alps derived from historical data on a local scale -results from the Tegernsee Valley*

Chapters in this Book

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Landslide Hazard and Risk: Issues, Concepts and Approach

The Nature of Landslide Hazard Impact

A Review of Scale Dependency in Landslide Hazard and Risk Analysis

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