Research Intelligence

Scopus content: What's happening right now and a look at what's to come

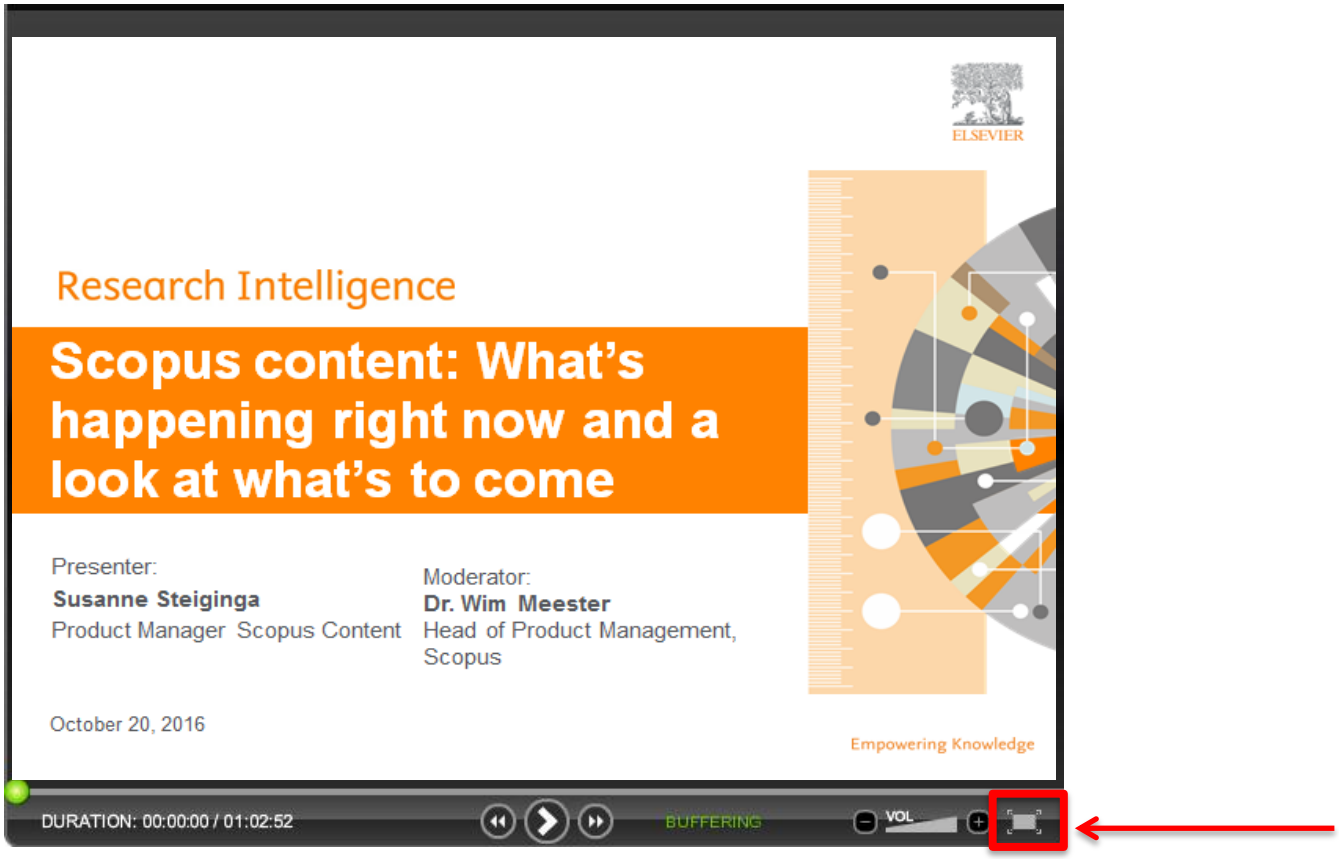
Presenter:
Susanne Steiginga
Product Manager Scopus Content

Moderator:
Dr. Wim Meester
Head of Product Management, Scopus

October 20, 2016

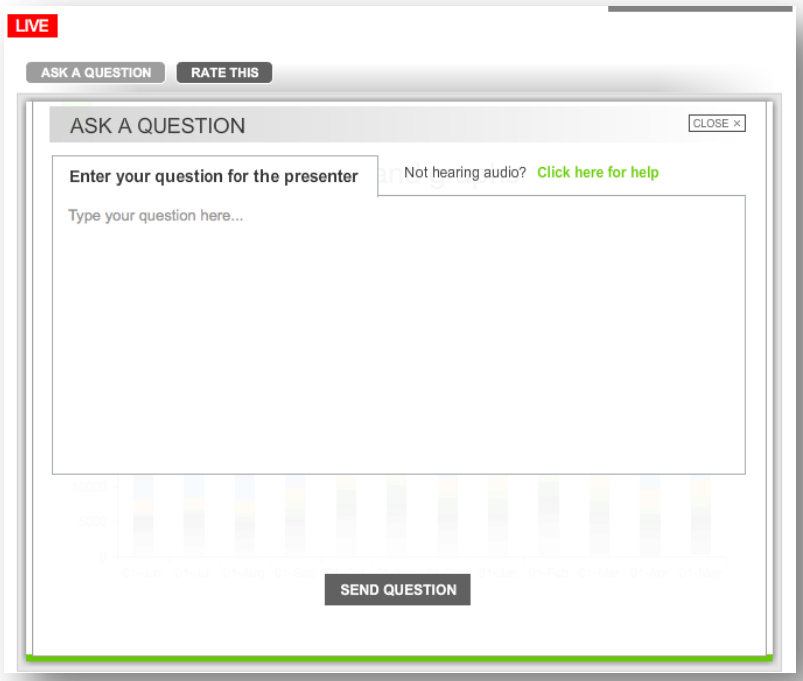
Empowering Knowledge

We suggest viewing the presentation in full screen



What you should do if you have questions

You are welcome to submit questions by using the "Ask a Question" feature on your screen. At the end of the presentation, the moderator will choose a few of the questions to answer.



Today, we'll be live Tweeting using the **#scopusfocus**

What will you get out of today's webinar

- A comprehensive view on global research.
- Steps taken to ensure Scopus content is of the best quality and continues to be trustable.
- The best use of research metrics and a basket of metrics.
- A taste of Scopus', to be launched, free journal metric CiteScore.
- What to look out for in the rest of 2016 and what is to come in 2017.

Meet today's Moderator and Presenter

Your presenter:

Susanne Steiginga
Product Manager Scopus Content

Your moderator:

Dr. Wim Meester
Head of Product Management, Scopus

The use of Scopus data

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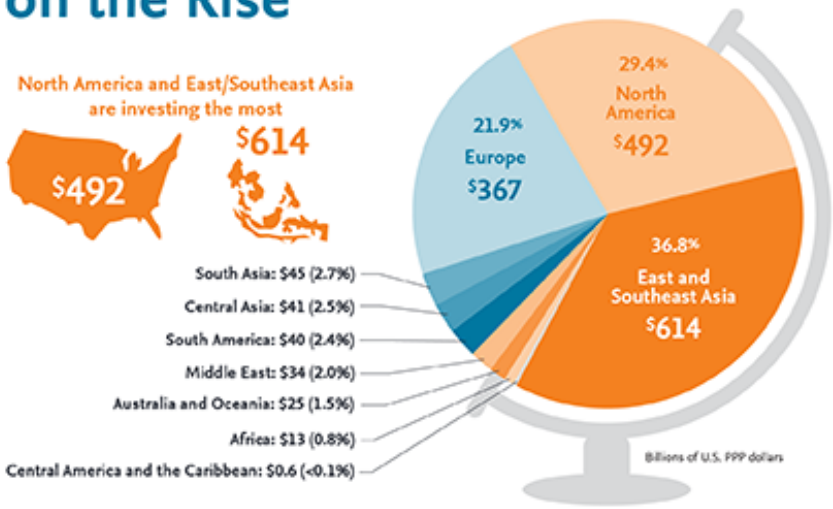
The power of Scopus data & National Science Foundation (NSF)

Elsevier Research Intelligence

Elsevier's Scopus Supports the NSF SEI 2016

Global Investment in R&D on the Rise



Source: National Science Board. 2016. Science and Engineering Indicators 2016. Arlington, VA: National Science Foundation (NSB-2016-1)

https://www.elsevier.com/research-intelligence/promo/nsf-sei

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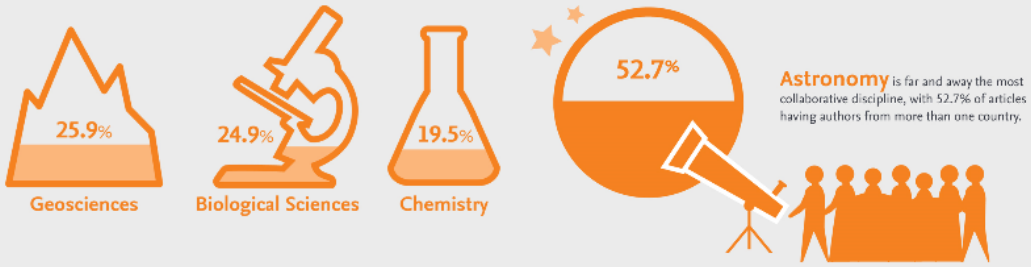
Research without Borders

The highest levels of international collaboration takes place in the Geosciences, Biological Sciences, and Chemistry.



"The use of the Scopus database represents a substantial increase in the global coverage of bibliometric data compared to prior years. The change...allows NSF to present data on the most highly cited S&E publications as well as on a broader set of publications that provide insight into trends in emerging and developing countries."
Science and Engineering Indicators 2016

Source: https://www.nsf.gov/statistics/2016/nsb20161/#/report/chapter-5/outputs-of-s-e-research-publications-and-patents/s-e-publication-output, https://www.elsevier.com/research-intelligence/campaigns/nsf-sei

Why Scopus content coverage gives you a comprehensive view on global research

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Scopus includes content from more than 5,000 publishers and 105 different countries

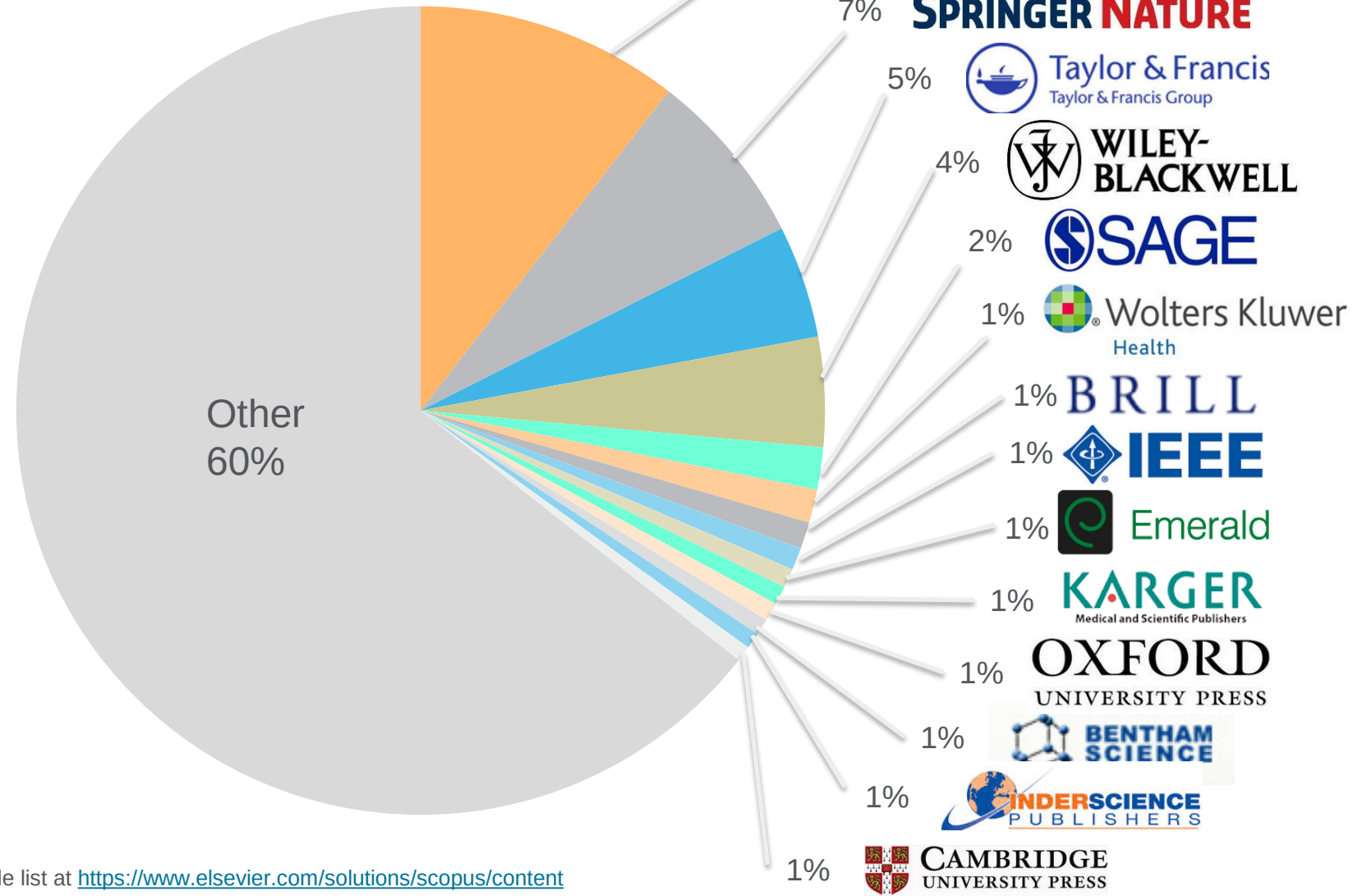
65M records from **22K** serials, **96K** conferences and **134K** books

- Updated daily
- More accurate and complete citation data pre-1996
- 40 different languages covered
- 3,487 Active Gold Open Access journals indexed

	JOURNALS	CONFERENCES	BOOKS
Physical Sciences 11,865 **Health Sciences** 12,992 **Social Sciences** 10,158 **Life Sciences** 6,394	**22,411** peer-reviewed journals **322** trade journals Full metadata, abstracts and cited references (ref's post-1995 only)	**96.4K** conference events **7.7M** conference papers Mainly Engineering and Computer Sciences	**539** book series **34K** Volumes / **1.3M** items **134,082** stand-alone books **>1.1M** items Focus on Social Sciences and A&H

Source: May 2016 title list at https://www.elsevier.com/solutions/scopus/content

Unbiased, comprehensive journal coverage with titles from many reputable scholarly publishers



Source: May 2016 title list at https://www.elsevier.com/solutions/scopus/content

Content enhancement

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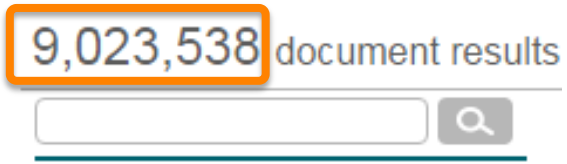
Adding cited references to pre-1996 items in Scopus

Coverage years
- Pre-1996, going back to 1970

Number of articles
- Around 6M+ articles will be re-processed to include cited references. In addition around 4M pre-1996 articles will be backfilled

Scope
- Archives from major publishers with available digital archives

Already >9M pre-1996 documents loaded in Scopus leading to additional 144M cited references



Impact this project has on Scopus and on you:

- 62 Full publisher archives were/are processed leading to >9M new/updated articles.
- Author profiles and accompanying *h*-indexes are more complete and at par or above the competition.
- >40% Of all pre-1996 content in Scopus has been updated or added via this initiative.

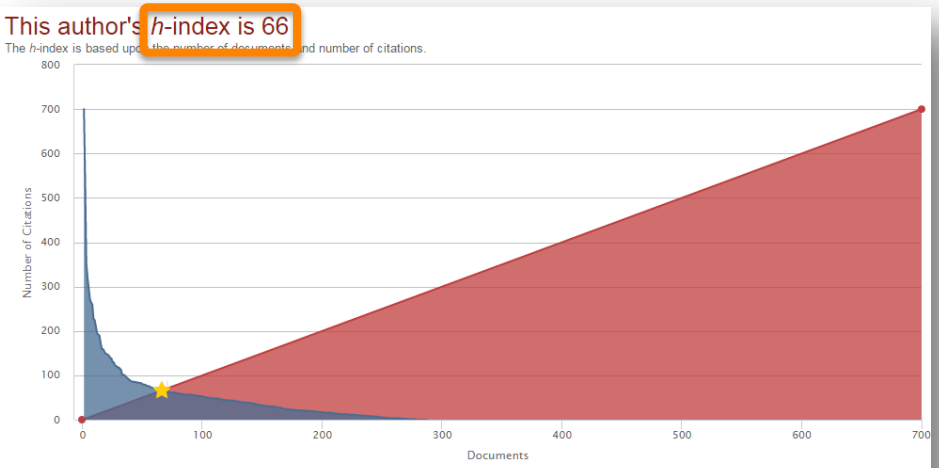
h-index of researchers who started publishing before 1996 is increasing

Scopus

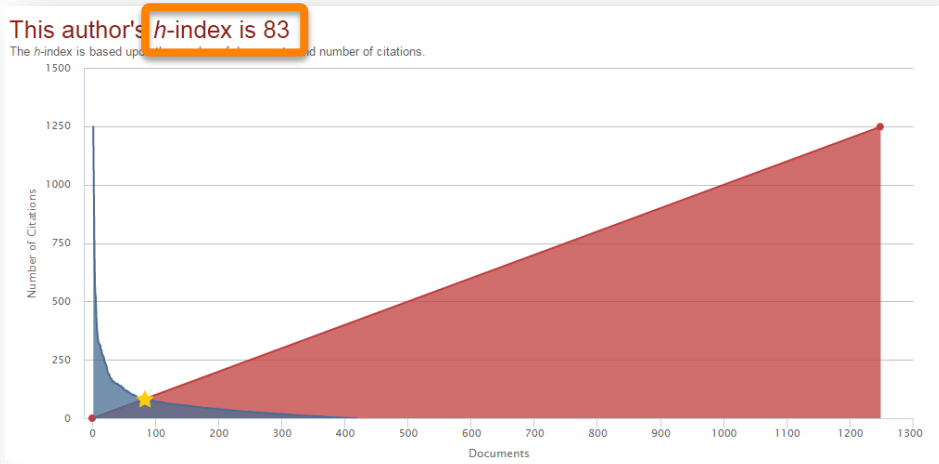
Jean Pierre Sauvage (Nobel prize in Chemistry, 2016)

Universite de Strasbourg, Institut de Science et d'Ingénierie Supramoléculaires (ISIS), Strasbourg, France

Author ID: 35515477700



Documents published between: **1996 - 2016**
Number of publications: **292**
Number of citations: **15,346**
h-index: **66**



Documents published between: **1971 - 2016**
Number of publications: **418**
Number of citations: **26,767**
h-index: **83**

Funding data being added to Scopus as we speak

- Add full text acknowledgement sections to Scopus
- Index the Funding information going forward

PLOS ONE

The Role of Gender in Scholarly Authorship

Jevin D. West, Jennifer Jacquet, Molly M. King, Shelley J. Correll, Carl T. Bergstrom

Published: July 22, 2013 • http://dx.doi.org/10.1371/journal.pone.0066212

Abstract

Gender disparities appear to be decreasing in academia according to a number of metrics, such as grant funding, hiring, acceptance at scholarly journals, and productivity, and it might be tempting to think that gender inequity will soon be a problem of the past. However, a large-scale analysis based on over eight million papers across the natural sciences, social sciences, and humanities reveals a number of understated and persistent ways in which gender inequities remain. For instance, even where raw publication counts seem to be equal between genders, close inspection reveals that, in certain fields, men predominate in the prestigious first and last author positions. Moreover, women are significantly underrepresented as authors of single-authored papers. Academics should be aware of the subtle ways that gender disparities can occur in scholarly authorship.

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Funding: This work was supported in part by NSF grant SBE-0915005 to CTB, NSF Graduate Research Fellowship grant DGE-1147470 to MMK, and a generous gift from JSTOR. The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

Competing interests: The authors have declared that no competing interests exist.

PLoS ONE

Volume 8, Issue 7, 22 July 2013, Article number e66212

Open Access

The Role of Gender in Scholarly Authorship (Article)

West, J.D.[a], Jacquet, J.[b], King, M.M.[c], Correll, S.J.[c], Bergstrom, C.T.[a][d]

Funding: This work was supported in part by NSF grant SBE-0915005 to CTB, NSF Graduate Research Fellowship grant DGE-1147470 to MMK, and a generous gift from JSTOR. The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

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Funding Details

Number; Acronym; Sponsor: SBE-0915005; NSF; National Science Foundation

EMTREE medical terms: article; author; classification algorithm; female; funding; gender bias; human; humanities; male; natural science; productivity; publishing; scholarly authorship; scientific literature; sex ratio; social discrimination; sociology; trend study; writing

MeSH: Authorship; Humans; Publications; Sex Factors; Sexism; Time Factors

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

ISSN: 19326203 CODEN: PONC Source Type: Journal Original language: English

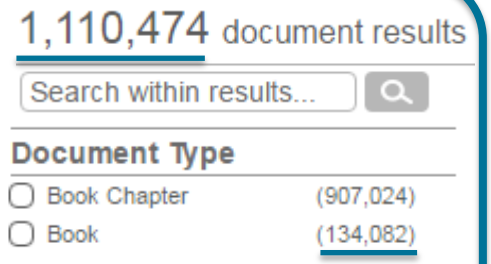
DOI: 10.1371/journal.pone.0066212 PubMed ID: 23894278 Document Type: Article

Funding Details

Number; Acronym; Sponsor: SBE-0915005; NSF; National Science Foundation

Non-serial books in Scopus

More than 134K books are present in Scopus today. The main area of focus is non-serial books in Humanities and Social Sciences. This, next to the 34K book volumes already online, yield over 1.1M items in Scopus.com.

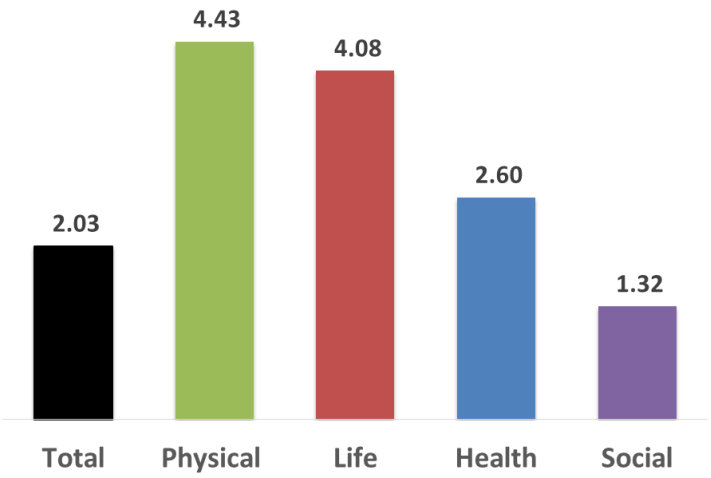


Books to be included in World University Rankings analysis for first time

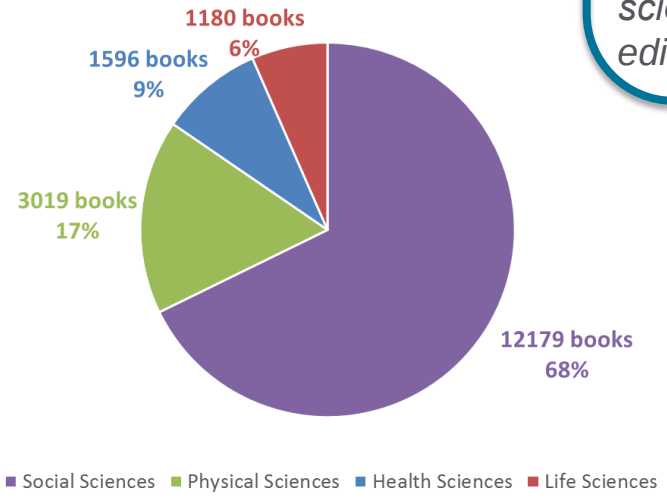
Arts and humanities research will be better represented in the 2016-17 global league table

'The addition of books ensures that the rankings go even further in capturing research excellence in the arts, humanities and social sciences', per THE rankings editor Phil Baty.

Average Citations per Book:



Top cited subjects:



More info: https://www.timeshighereducation.com/news/books-be-included-world-university-rankings-analysis-first-time

What we do to ensure that Scopus content is of the best quality standard: content selection policy

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Coverage of high quality journals via selection by the independent Content Selection & Advisory Board (CSAB)

The CSAB is an independent board of subject experts from all over the world.
Board members are chosen for their expertise in specific subject areas; many have (journal) Editor experience.

As a primary publisher and information aggregator, Elsevier understands the needs of Authors, Editors and Publishers and provides resources to support the community. Available resources to help journals with successful title review process:

publication ethics resources | FAQs | advisory documents | reviewer comments | editor and publishing services
https://www.elsevier.com/solutions/scopus/content/content-policy-and-selection or titlesuggestion@scopus.com

Transparent Scopus selection criteria for serial content

All titles should meet all minimum criteria in order to be considered for Scopus review:

- Peer-review
- English abstracts
- Regular publication
- Roman script references
- Pub. ethics statement

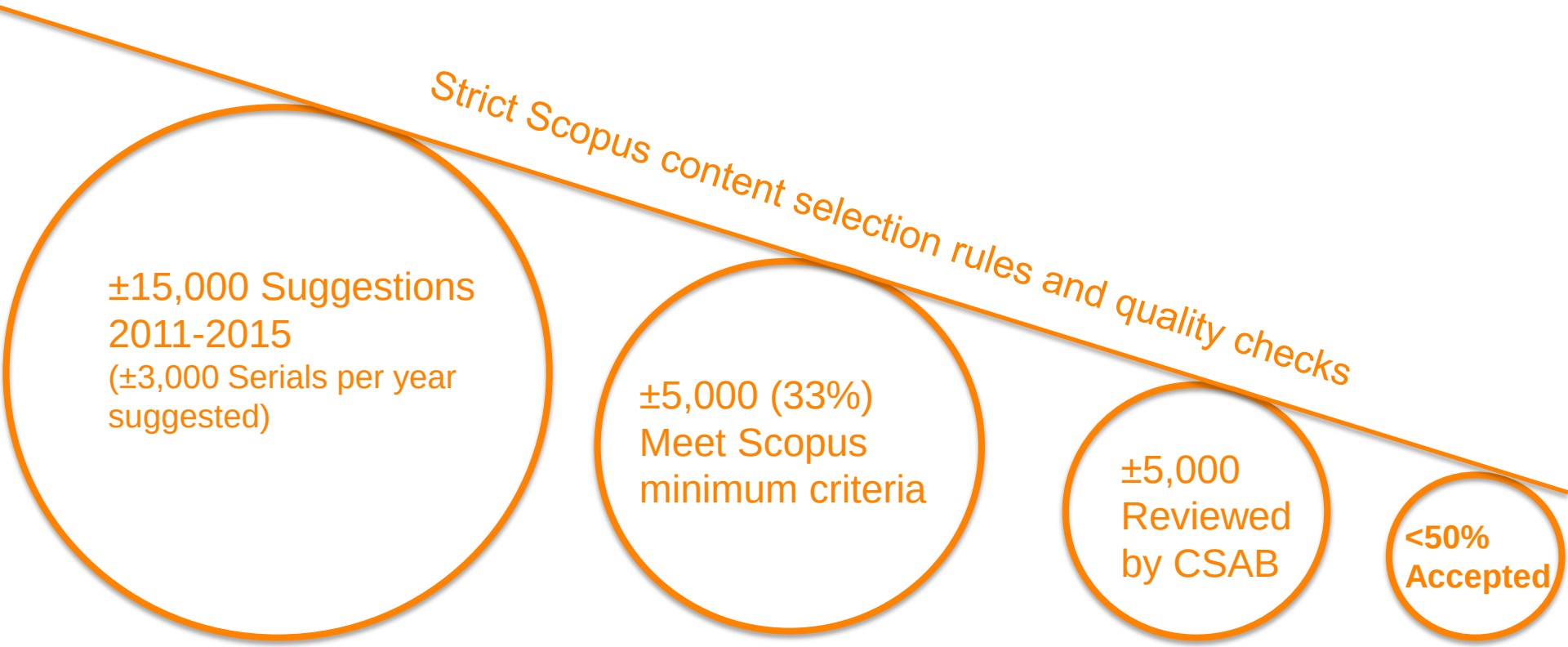
Eligible titles are reviewed by the Content Selection & Advisory Board according to a combination of 14 quantitative and qualitative selection criteria:

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

https://www.elsevier.com/solutions/scopus/content/content-policy-and-selection or titlesuggestion@scopus.com
Previous webinar with more information on Scopus content selection criteria : https://blog.scopus.com/webinars

Less than half of the reviewed titles are selected for Scopus coverage

The CSAB is selective and strict on quality: in total 5,411 **titles reviewed** (2011 –2015) of which 2,587 **(48%) accepted** for Scopus



Scopus content continues to be trustable: Ongoing data quality and content curation initiatives

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What we see in the market: Data curation and focus on quality

Data Curation–The New Killer App

POSTED BY PHIL DAVIS · JUN 9, 2015 · 15 COMMENTS

FILED UNDER CITATION CARTEL, CURATION, ELSEVIER, GOOGLE SCHOLAR, JOURNAL CITATION REPORT, JOURNAL IMPACT FACTOR, SCOPUS, SELF-CITATION, THOMSON REUTERS

As a tool, title suppression has strong moderating effect on citation behavior.

Even the threat of being suppressed is powerful enough toprevent editors from tempting fate.

This year, *Scopus*, a large, cross-disciplinary literature index product owned by Elsevier, announced that it would begin a similar annual evaluation process, directed to "maintain content quality" in its dataset.

Source: https://scholarlykitchen.sspnet.org/2015/06/09/data-curation-the-new-killer-app/
Find more information on Elsevier.com 'Discontinued Sources List': https://www.elsevier.com/solutions/scopus/content

Content data quality improvement

With more than **65 million items** in the database, sometimes data errors do occur. We do our best of **prevent** these from happening.

Content quality initiatives **focused** on **automation** and improved **instructions** are leading **error rates to drop** significantly**.**

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<iso>ITY</iso>
<iso>JAP</iso>
<iso>IRE</iso>
<iso>GER</iso>
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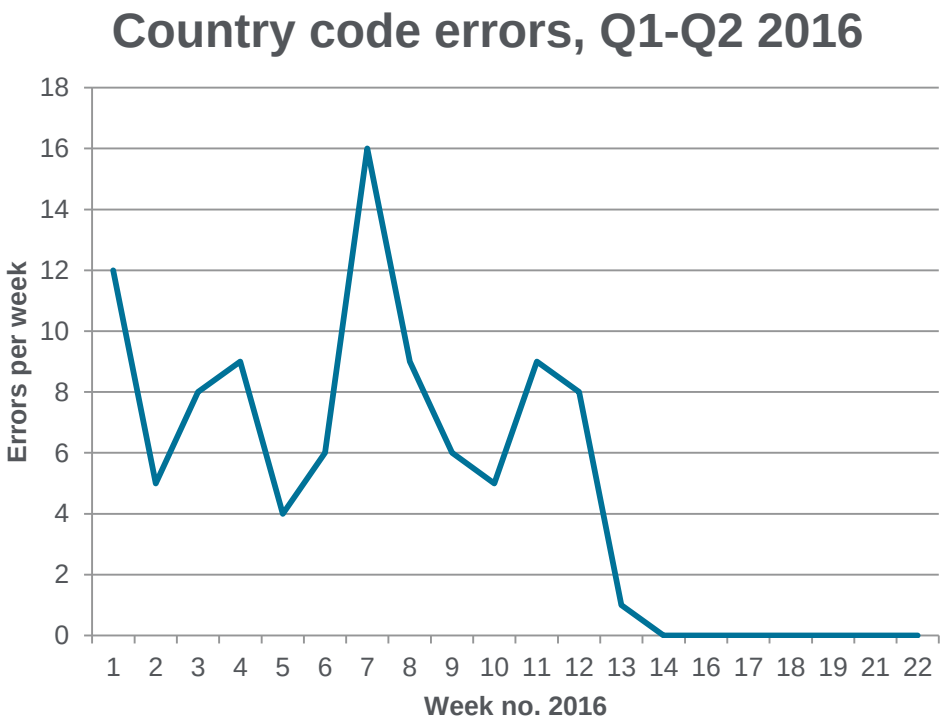


Ongoing content curation of the Scopus base to ensure continuous high quality content

Curation of the full journal base is essential and expected by our customers and users.

Direct feedback from users and stakeholders on poor performing journals

Identification of poor performing journals using metrics and benchmarks

"Radar" to predict journals with outlier performance

Review: Re-evaluation by the Content Selection & Advisory Board (CSAB)

Curate: Content Curation

Scopus

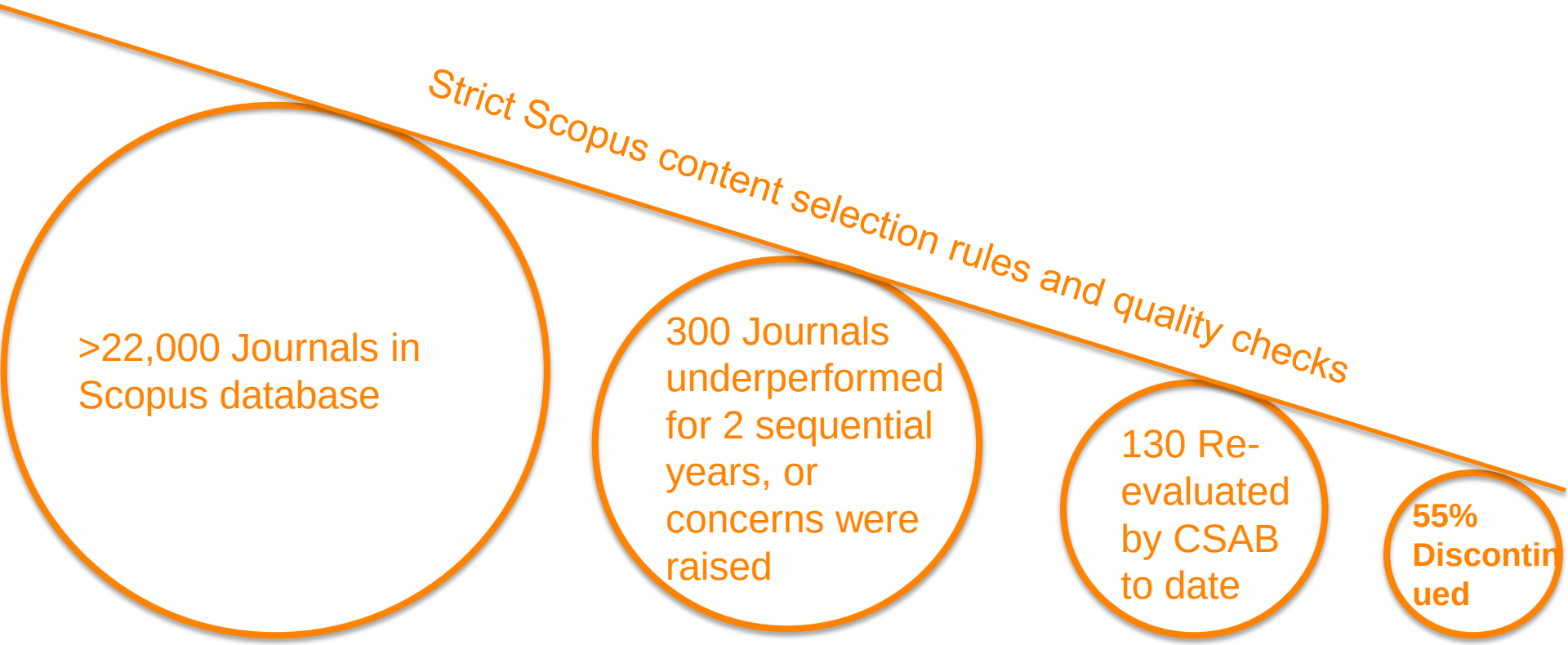
Transparent, annual re-evaluation process to ensure titles continue to meet high quality standards

Full Scopus Journal base

Year 1	Analyze full Scopus journal corpus performance based on set metrics & benchmarks		
	Flag underperforming journals & inform journal publishers		
Year 2	Analyze full Scopus journal corpus performance based on set metrics & benchmarks		
	Flag underperforming journals & inform journal publishers		
CSAB review	If a journal underperforms for 2 consecutive years, CSAB will re-evaluate the title based on Scopus selection criteria		
	Flagged journals for which concerns are raised, CSAB will re-evaluate the title based on Scopus selection criteria		
CSAB decision	Continue forward flow	or	Discontinue forward flow

Learn more on this topic via the Scopus blog: http://blog.scopus.com/posts/scopus-launches-annual-journal-re-evaluation-process-to-maintain-content-quality
or Elsevier.com: http://www.elsevier.com/solutions/scopus/content/content-policy-and-selection#title_re-evaluation

Preliminary results & progress made so far



- All journal publishers will be informed by Scopus of the Re-evaluation outcome of their journal in December 2016.
- If discontinued = Journal forward flow discontinued per January 1, 2017.

For more information: http://www.elsevier.com/solutions/scopus/content/content-policy-and-selection#title_re-evaluation

Appropriate use of metrics by the basket of metrics and introducing CiteScore

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Two Golden Rules of Research metrics

When used correctly, research metrics together with qualitative input give a balanced, multi-dimensional view for decision-making

Golden rule #1

Always use both qualitative and quantitative input into your decisions

Golden rule #2

Always use more than one research metric as the quantitative input

Our aim is to provide a basket of metrics that facilitates appropriate use of research metrics in all dimensions

Community	Contributions	Consumption	Scholarly Impact	Society Impact
Editor Board Authors	Outputs	Usage Citations Audience	Scholarly Activity Academic Opinion	Social Activity Media Activity

Entities to which metrics apply:

Articles

Sections

Journals, Conferences, Books

Publisher

Author, Editor, Reviewer

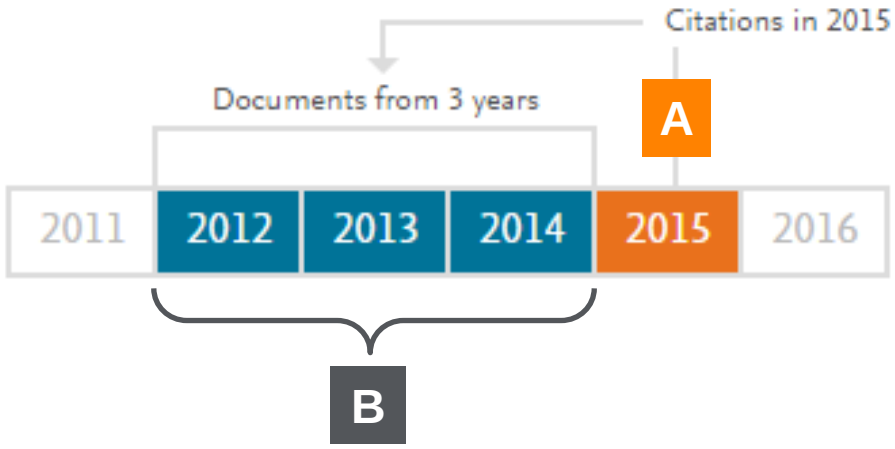
Institution or group

Subject Area

Geographical spread	Scholarly Output	**CiteScore**	Scholarly blogs, reviews, etc.	Social media mentions
Collaboration network	Research data output	SNIP, SJR	Mendeley Readers	Media mentions
Sector distribution	Conference output	Citation counts	Peer review metrics	Medical guidelines
h-index		Usage counts	Prizes and awards	Influence policies
		Audience		

How is CiteScore calculated?

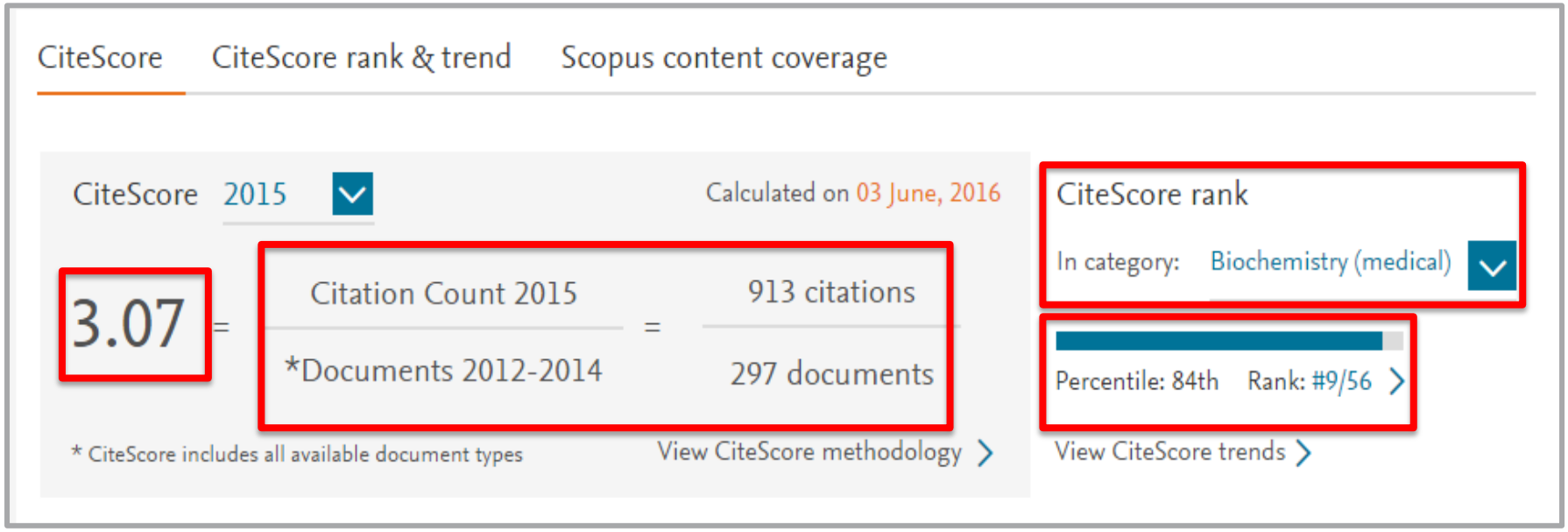
CiteScore 2015 value = $\frac{A}{B}$



↶ = Citations from 2015 | 20XX = Documents published in year 20XX

Impact Factor	CiteScore
A = 2 or 5 years	A = 3 year
B = “citable items”, different from A	B = all doc types, same as A

CiteScore is one of a family of metrics



Partial screenshot from Scopus prototype; not yet final

Main advantages of CiteScore

Comprehensive

- Based on Scopus, the world's broadest database
- A CiteScore will be available for all serials, not just journals
- CiteScore can be calculated for portfolios

Transparent

- CiteScore and associated metrics will be available for free
- CiteScore is easy to calculate for yourself
- The underlying database is available for you to interrogate

Current

- Current values are provided on a regular basis
- New journals will have a CiteScore the year after they are indexed in Scopus

What to look out for in the remainder of 2016 and 2017

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Remainder of 2016 and 2017 Scopus content roadmap

Q3 2016

- Launch Funding data expansion

Q4 2016

- Launch CiteScore *(provisionally)*
- Launch of Scopus Radar *(provisionally)*
- Cited reference expansion complete (12M)
- First round of re-evaluation completed

Q1 2017

- Retraction & errata implementation
- Launch Book Suggestion form
- Article OA indicator

Q2 2017

- Funding data expansion complete
- Re-evaluation 2017

- Operational and data quality improvements (CAR2.0)
- Re-evaluation of journal coverage and Scopus Radar to predict outlier behavior
- Strategic alliances with research organizations and 3rd party publishers (CSAB, local boards, 3PP, ranking agencies, gov't and national assessment bodies, etc.)

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Main take aways

- Scopus' broad and deep content coverage gives a comprehensive view on global research.
- Through various content curation initiatives Scopus makes sure that the content continues to meet high quality standards.
- By applying the basket of metrics you can make the best out of the vast content coverage of Scopus in an easy way. CiteScore, Scopus' free journal metric, is the basket its newest addition.

Thank you!

Important Scopus resources to stay up to date:

Site	URL
Scopus Info Site	https://www.elsevier.com/solutions/scopus
Scopus Blog	http://blog.scopus.com
Scopus newsletter	https://communications.elsevier.com/webApp/els_doubleOptInWA?do=0&srv=els_scopus&sid=71&uif=0&uvis=3
Twitter	www.twitter.com/scopus
Facebook	www.facebook.com/elsevierscopus
LinkedIn	https://www.linkedin.com/company/scopus-an-eye-on-global-research
YouTube	https://www.youtube.com/c/ScopusDotCom

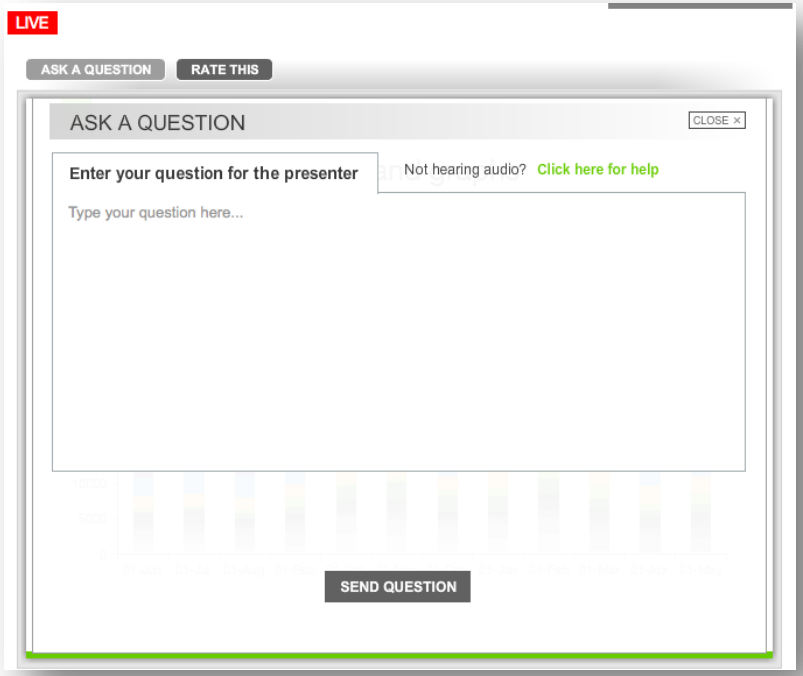
Sign up for the future webinars and view past webinars at
blog.scopus.com/webinars

Tell us what topics you'd like us to cover!

Send us a note on the webinar or contact us on Twitter or Facebook

Questions?

You are welcome to submit questions by using the "Ask a Question" feature on your screen:



For the questions we do not get to answer today, we will look at all of them and try to answer them in subsequent webinars or on the Scopus blog.

Research Intelligence

Thank you and please join us again at our next webinar!

A recording of this webinar will soon be made available via blog.scopus.com/webinars