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The Impact Factor and other bibliometric indicators

Key indicators of journal citation impact

Bibliometric indicators

**Impact
Factor**

CiteScore

SJR

SNIP

H-Index

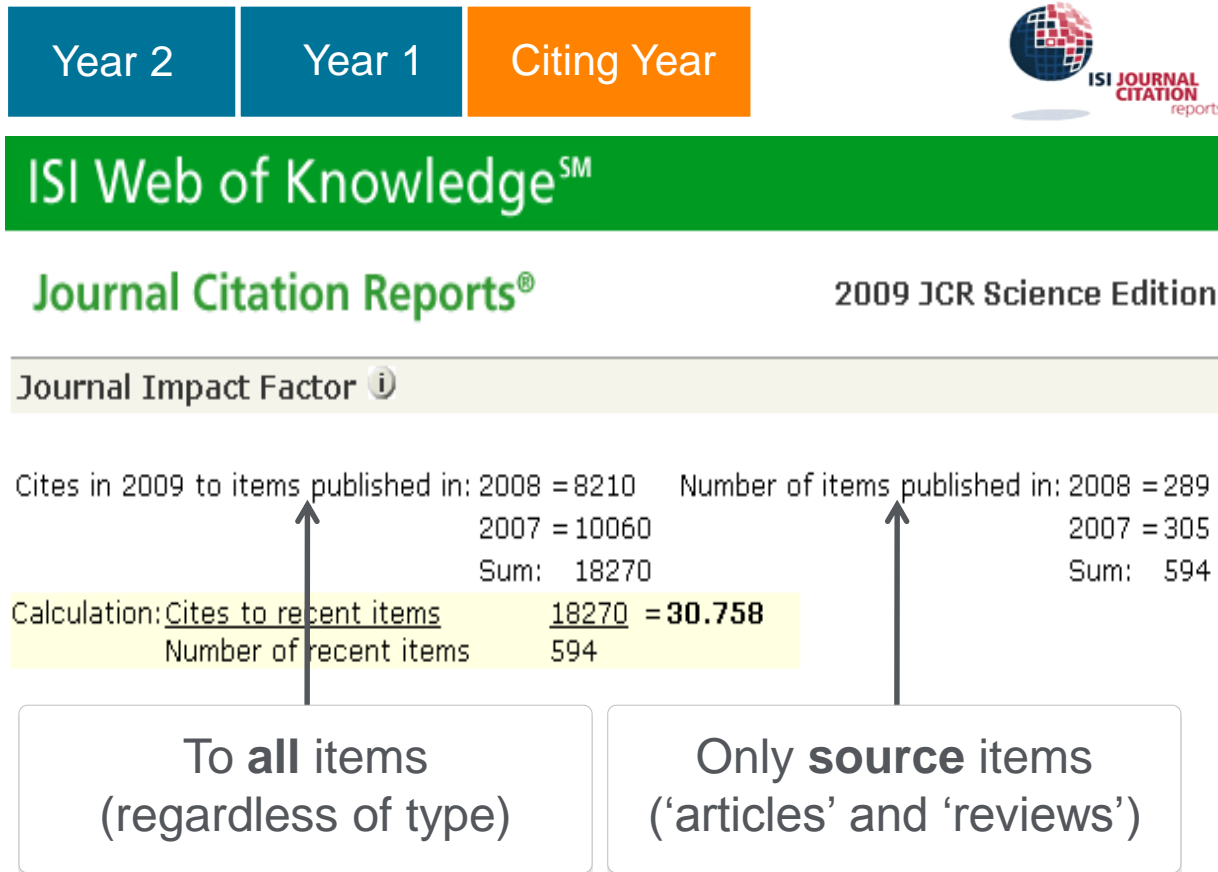


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Impact Factor

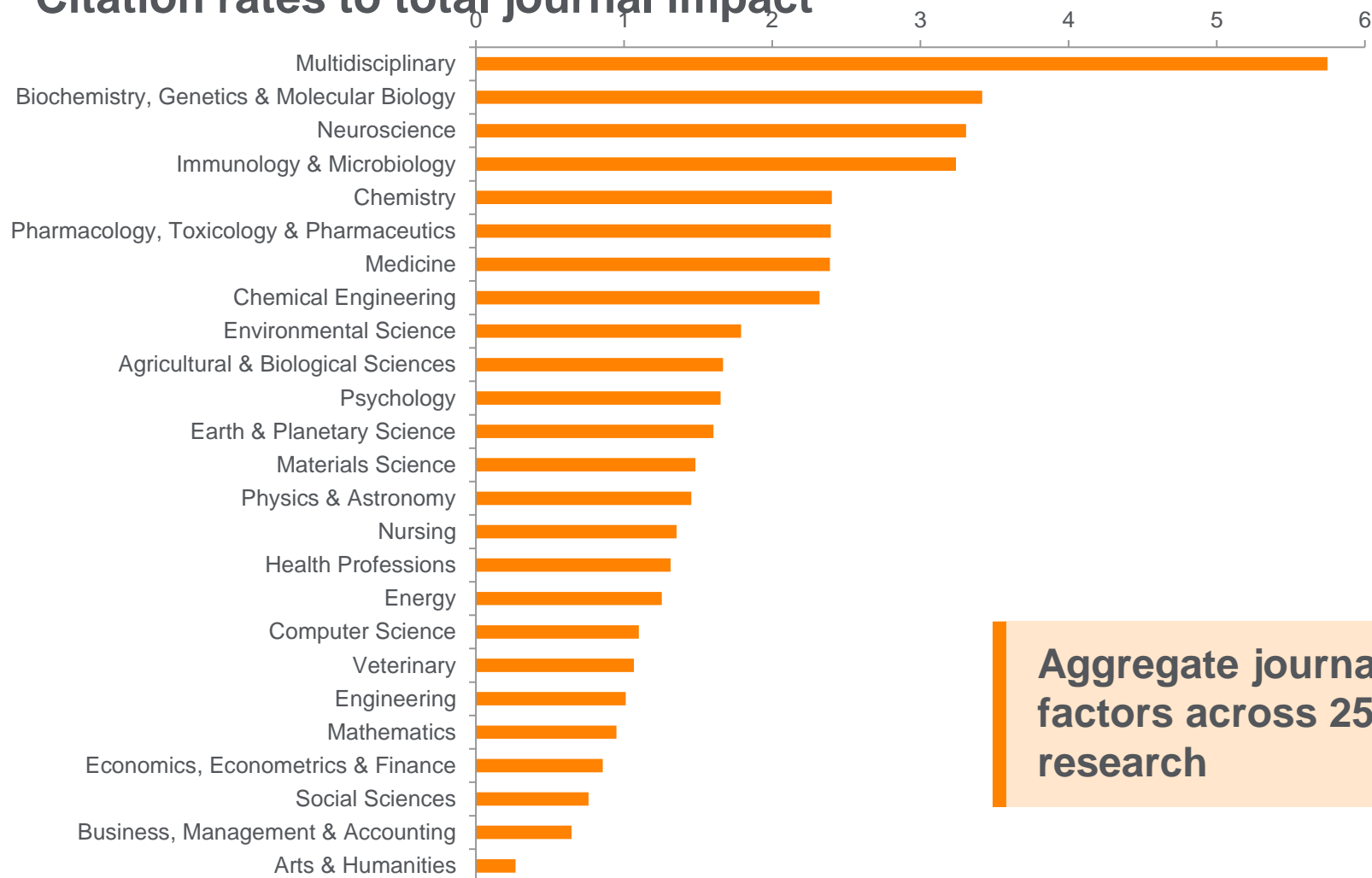
Ratio between citations and citable items published in a journal



Citations to non-source items (editorials, letters, news items, book reviews, abstracts) may inflate the Impact Factor

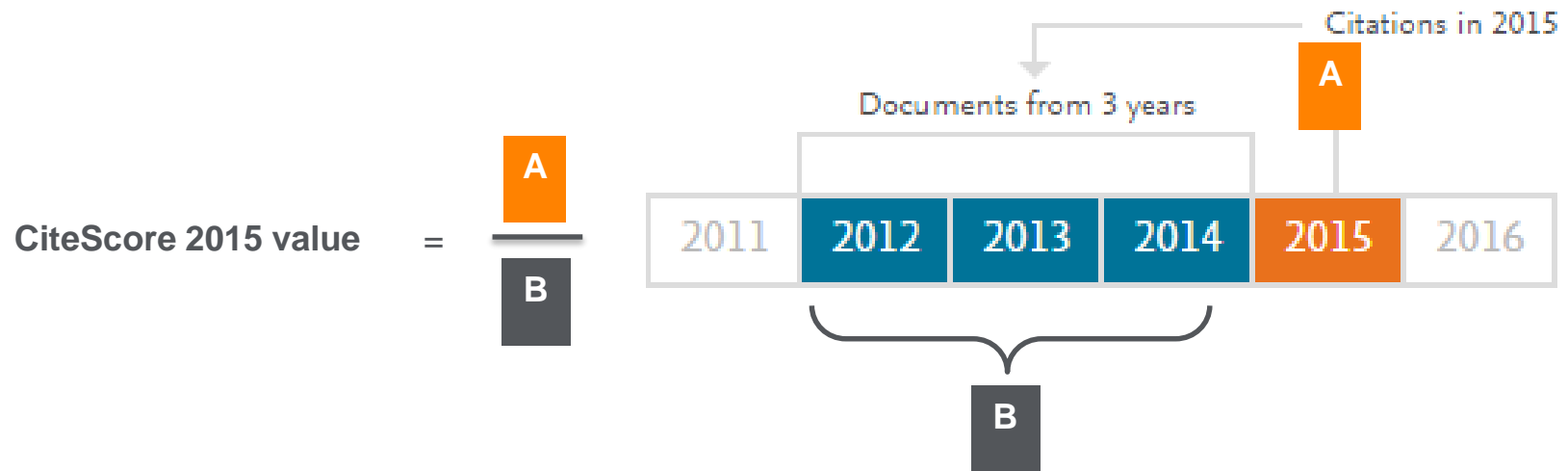
Impact Factor

Citation rates to total journal impact



Aggregate journal impact factors across 25 fields of research

CiteScore is a simple metric for all Scopus serial titles



CiteScore	Impact Factor
A = citations to 3 years of documents	A = citations to 2 or 5 years of documents
B = all documents indexed in Scopus, same as A	B = only citable items (articles and reviews), different from A

CiteScore is one of a family of related metrics

Scopus Search Sources Alerts Lists Help [Register](#) Sign in [Feedback](#) [Compare sources](#)

Source details

Journal of Biomedical Science
[Open Access](#)
Scopus coverage years: from 1993 to Present
Library subscription: from January 2009 to December 2009
Publisher: BioMed Central
ISSN: 1021-7770 E-ISSN: 1423-0127
Subject area: Medicine: Biochemistry (medical)

[Set document alert](#) [Journal Homepage](#) [Webcat Plus](#) [Copac](#) [More](#)

Visit Scopus Journal Metrics

CiteScore 2015	3.07
SJR 2015	1.632
SNIP 2015	1.560

CiteScore CiteScore rank & trend Scopus content coverage

CiteScore 2015 [Citation Count 2015](#) = 913 citations
*Documents 2012-2014 = 297 documents
*CiteScore includes all available document types [View CiteScore methodology](#)

Calculated on 03 June, 2016

CiteScore rank
In category: Biochemistry (medical)
Percentile: 84th Rank: #9/56 [View CiteScore trends](#)

CiteScore Tracker 2016 Last updated on 29 September, 2016
Updates monthly

1.76 = $\frac{\text{Citation Count 2016}}{\text{Documents 2013-2015}}$ = $\frac{581 \text{ citations to date}}{330 \text{ documents to date}}$

Each metric provides a complementary measure of performance

	Measures	Validation in Scopus?	Size-normalized?	Subject field-normalized?	Communicates magnitude?	Update frequency
CiteScore	Citations per document	Yes	Yes	No	Yes	Annually, and monthly for CiteScore Tracker metrics
CiteScore Percentile	Relative position within subject field based on CiteScore	Yes	Yes	Yes	No	
Citation Count	Raw impact of a journal on the research community	Yes	Yes	No	Yes	
Document Count	Raw scale of a serial title within the research community	Yes	Yes	No	Yes	
% cited	Consistency with which a serial title's contents are reliably cited	Yes	Yes	No	No	
SNIP	Relative citations per document	No	Yes	Yes	No	Annually
SJR	Prestige of citing sources	No	Yes	Yes	No	

The SCImago Journal Rank



- Freely available at scimagojr.com; on Scopus
- Similar to Impact Factor, but considers 3 years
- Self-citations limited
- Citations weighted by the SJR of the citing journal

It is based on
Scopus data



Source Normalized Impact per Paper



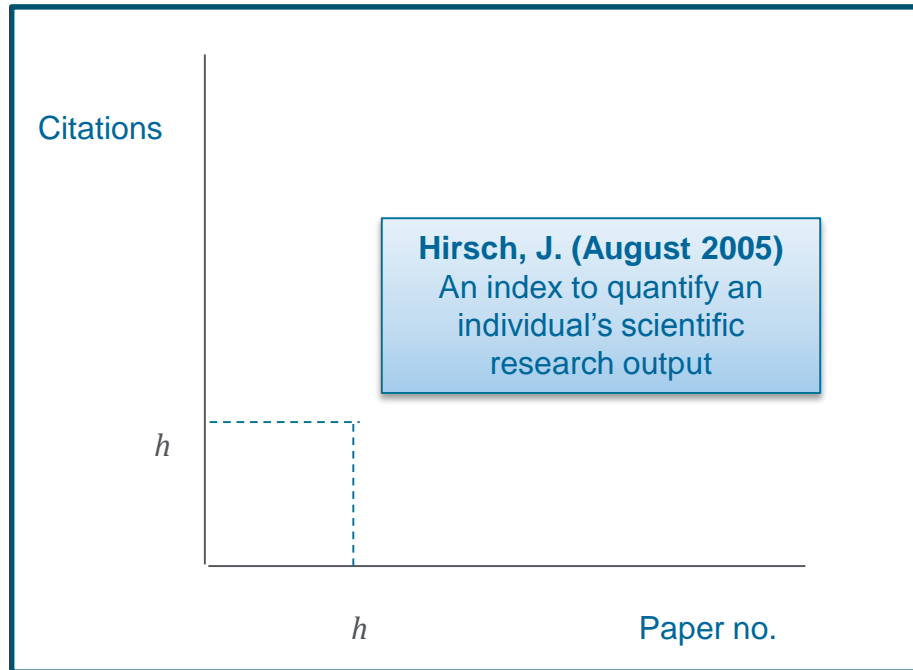
- Freely available online via Scopus
- Similar to Impact Factor, but considers 3 years
- Measures contextual citation impact
- Citations weighted by the likelihood of citation in the subject field of source

Devised at the University of Leiden, currently the most sophisticated journal performance indicator



Universiteit Leiden

The H-Index



- Available online via Scopus
- Rates individuals based on career publications
- Incorporates both quantity and quality
- Productivity and age constraints

Further reading at

publishingcampus.com
elsevier.com/authors
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- Understanding the Publishing Process with Elsevier – complete guide
- Publishing Ethics brochure – top reasons to publish ethically
- Get Published – top tips on writing, reviewing and grant writing etc.
- Get Noticed – new ways to promote your article and research
- Open access – definitions and options
- Career Planning Guide – download in 12 languages



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