



Description

Publishing in high-impact and high-quality peer-reviewed journals not only helps researchers advance their careers, but also increases the visibility of their work and the odds of it getting cited.

Several metrics are used to assess journal quality on the grounds of reputation and influence. Apart from the most commonly used **Impact Factor**, researchers often refer to [SCImago Journal Rank](#) or **SJR** to choose an appropriate journal in their field of research. Developed by SCImago using the Google PageRank™ algorithm, SJR retrieves information for various indicators from the Scopus database. It provides an 'open access' web-based environment to view the rank/performance of journals and countries in various scientific domains.

Although SJR is an [alternative to traditional metrics](#), it does have certain limitations. These include gaps in the coverage of journals and errors in assigning published documents in Scopus.

In this infographic, we discuss journal and country ranks, citation data, and the basis of the SJR calculation.

SJR =
$$\frac{\text{Avg. number of weighted citations received in a year}}{\text{Number of publications in the last 3 years}}$$

SJR is based on the transfer of prestige from one journal to the other

Weighted citations depend on the subject area and journal reputation

Data Source



Citation data from
>21,500 journals

313
specific subject
categories

Country performance
metrics from
>150 countries

Popular Journals

Top 10

	International Collaborations	SJR
CA - A Cancer Journal for Clinicians	18.6%	39.285
Nature Reviews Genetics	11.5%	33.238
Nature Reviews Immunology	13.7%	29.692
Nature Reviews Molecular Cell Biology	11.2%	29.656
Annual Review of Immunology	30.4%	27.631
Cell	32.9%	26.947
Quarterly Journal of Economics	25.0%	24.769
Reviews of Modern Physics	63.0%	23.543
Annual Review of Astronomy and Astrophysics	44.4%	22.491
Nature Reviews Cancer	13.9%	21.530

H-index

1965
1213
1059
966
963
871
839
835
818
795

Countries

United States	
United Kingdom	
Germany	
France	
Canada	
Japan	
Italy	
Netherlands	
Switzerland	
Australia	

Top 10

Top 3

Discipline

Arts & Humanities
Engineering
Economics
Physics & Astronomy
Biochemistry
Medicine



Countries



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Source: <http://www.scimagojr.com/index.php>

Category

1. Career Corner
2. Infographic

Date Created

2017/10/24

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