



**Web of  
Science  
Group**

 | A Clarivate Analytics company

## **Subject Area / Opportunity Analysis**

# **CARDIAC & CARDIOVASCULAR SYSTEMS**

### **Science Citation Index Expanded 2018**

CARDIAC & CARDIOVASCULAR SYSTEMS covers resources dealing with the diagnosis and treatment of heart disease. Coverage focuses on cardiac disease prevention, pharmacology, surgery, transplantation, and research. This category also includes cardiac testing, pacemakers, and medical devices. Resources focusing on circulation, hypertension, arterial disease, and stroke are placed in the PERIPHERAL VASCULAR DISEASE category.

This report reveals publication trends in the subject category – overall publication output, top organizations, countries/regions, and funding agencies. Analysis by publisher and journal shows their share of the category, along with their impact. Geographical cross-sections of top publishers and journals in the category show which regions are contributing and to which publishers and journals.

Document-level open access is profiled across the entire category.

**THIS IS SAMPLE REPORT**

To learn more

<http://discover.clarivate.com/PublisherAnalytics>

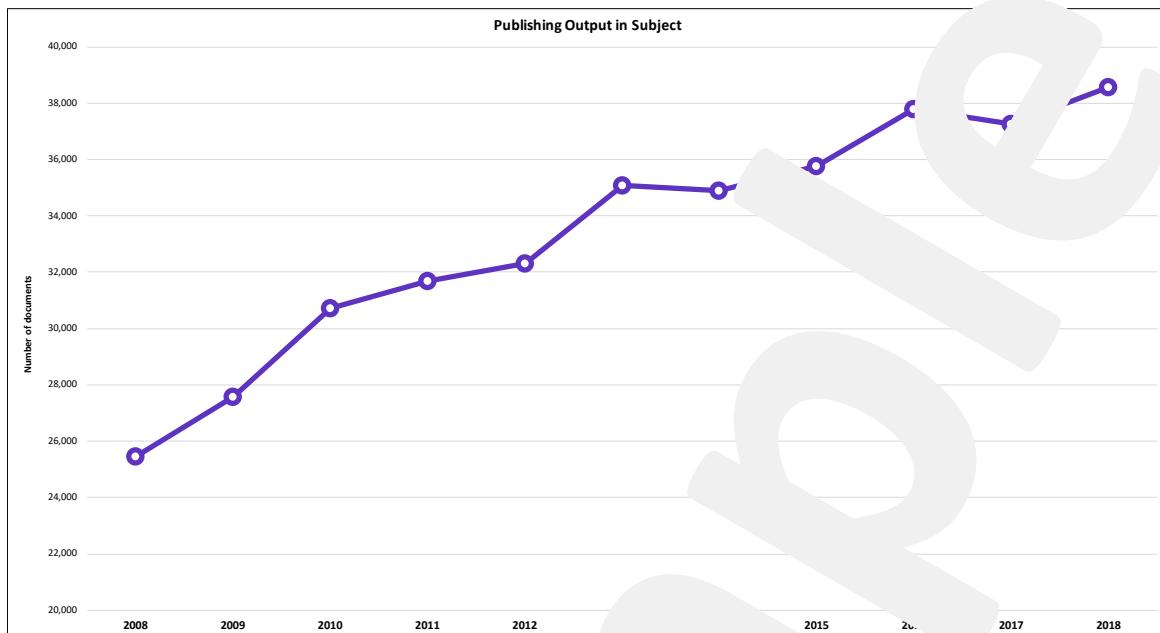
# CARDIAC & CARDIOVASCULAR SYSTEMS

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## Overall Publishing Output

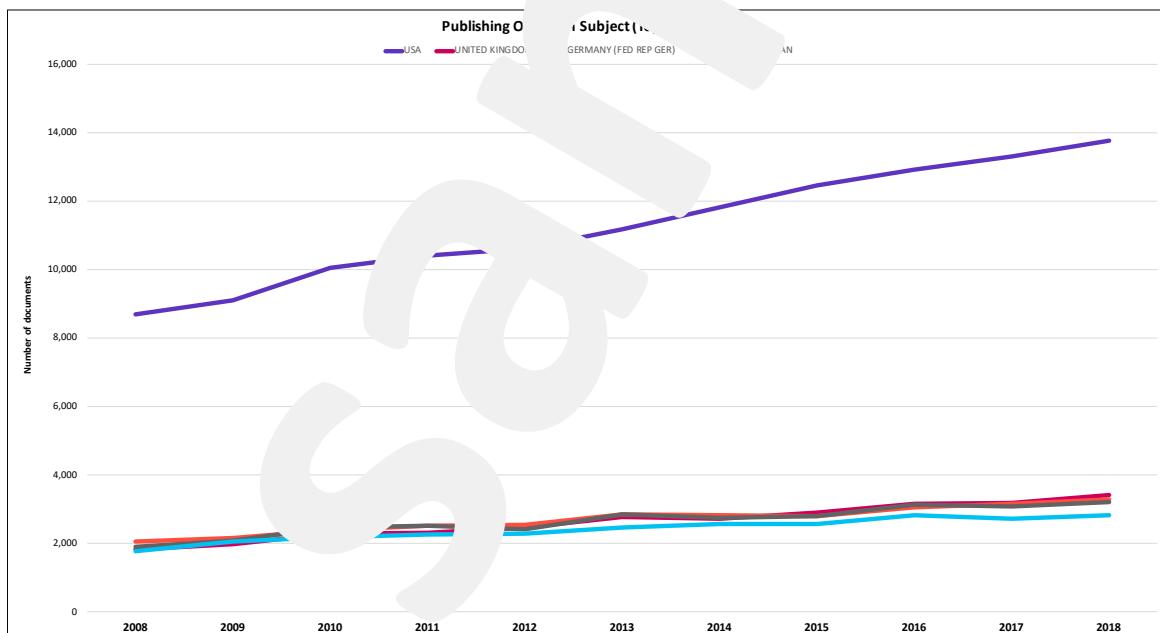
Documents published between 2008 and 2018 (articles, reviews, proceedings papers, editorial matter, letters)



## Overall Publishing Output in Subject Category

This is the overall output trend for the subject category (2008–2018) as indexed in the Web of Science Core Collection.

Note that this will include growth from additional titles added to the Web of Science during this period.



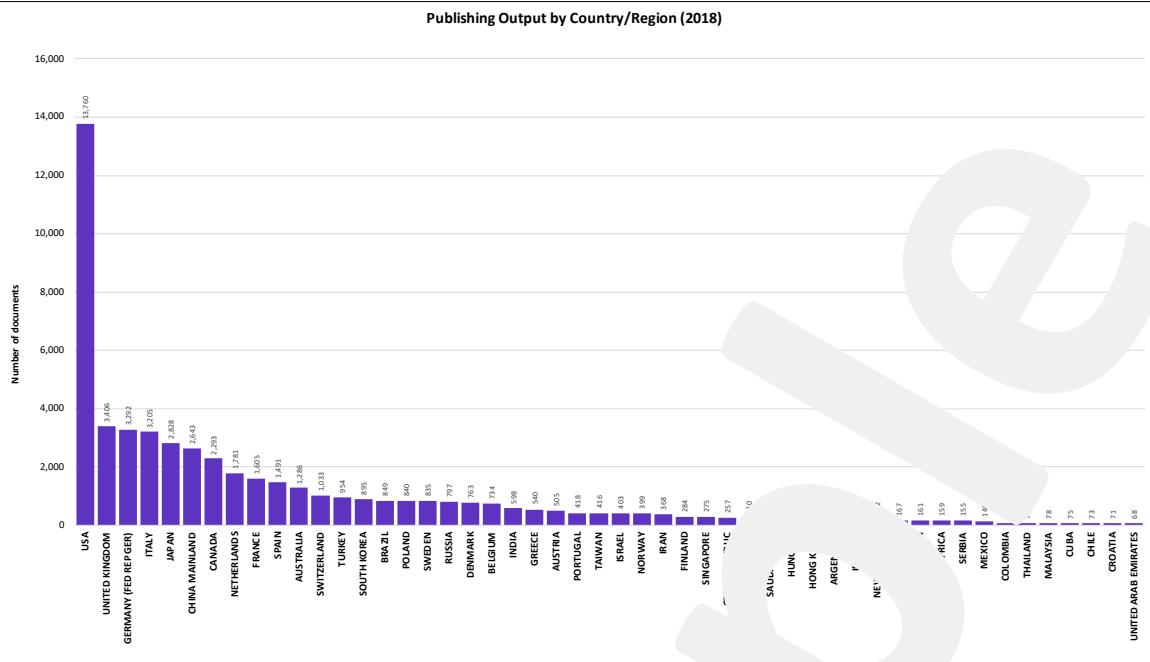
## Publishing Output in Subject (Top Countries)

This is the overall output trend for the subject category (2008–2018) broken down by leading countries/regions in the category.

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Publishing Output by Country/Region (2018)



## Publishing Output by Country/Region (2018)

This is a cross-section of output by country in 2018.

Publishing Impact by Country/Region (2018)



## Publishing Impact by Country/Region (2018)

This shows the impact of each of the top country/region contributors in 2018 as measured by Category Normalized Citation Impact (CNCI)\*.

Note that CNCI is an average and thus can be skewed by a single or small number of very highly cited documents. The document-level data supplied with this report gives more information on which documents are being cited.

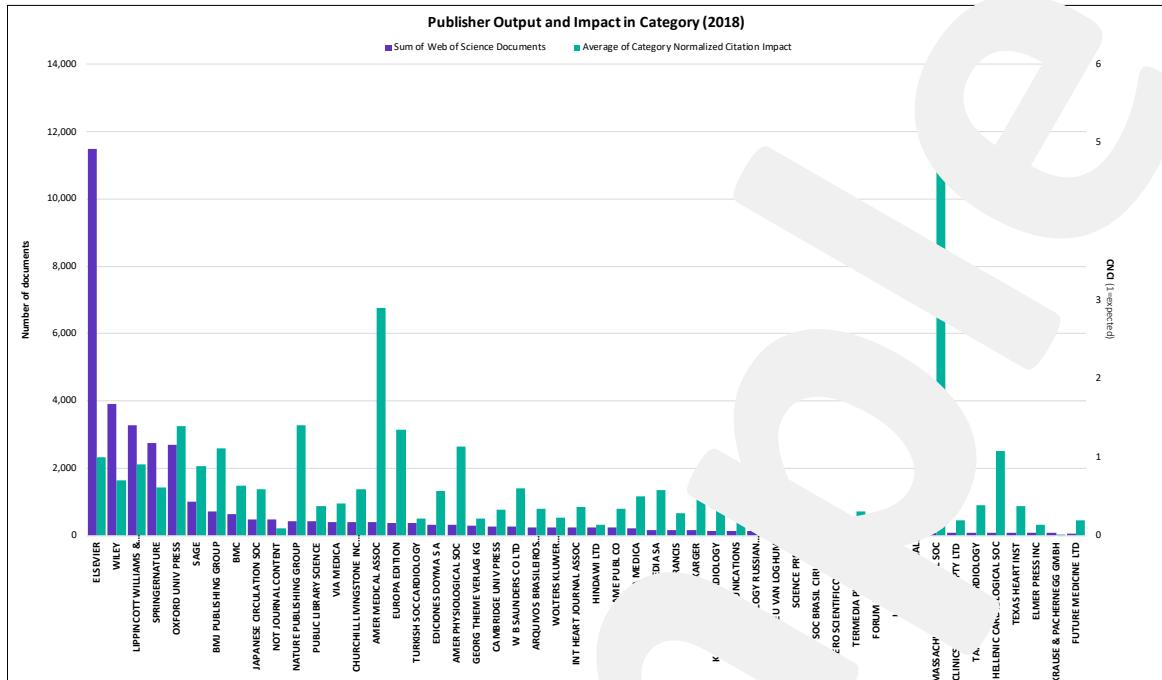
**\*Category Normalized Citation Impact (CNCI):** this is ratio of actual citations to expected citations for documents of same type and publication type in the subject category. A value equals the expected number of citations, 2 is twice the expected, and 0.5 half.

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## Publisher Output and Impact in Category

Documents published between 2008 and 2018 (articles, reviews, proceedings papers, editorial matter, letters)

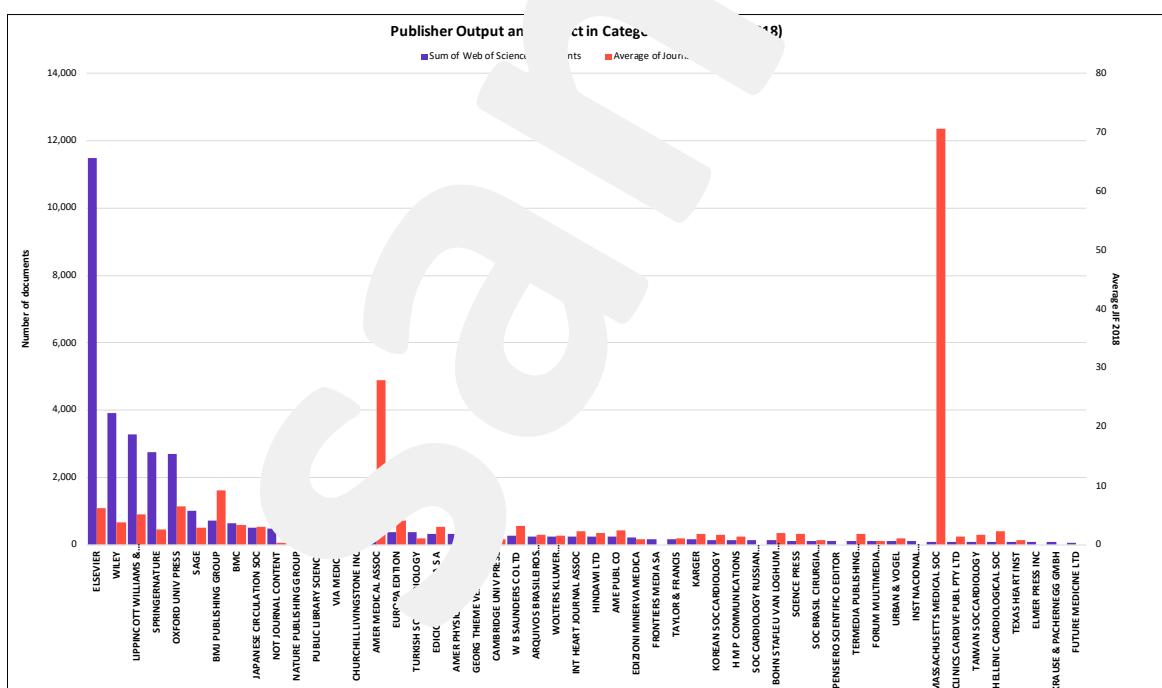


## Publisher Output and Impact in Category – CNCI in 2018

The number of documents published in 2018 unified to publisher and their averaged normalized impact in the category.

This shows the top publishers and the impact they are having.

Note that MEDICINE, GENERAL and MULTIDISCIPLINARY are categorized at the article level. These can be omitted on request.



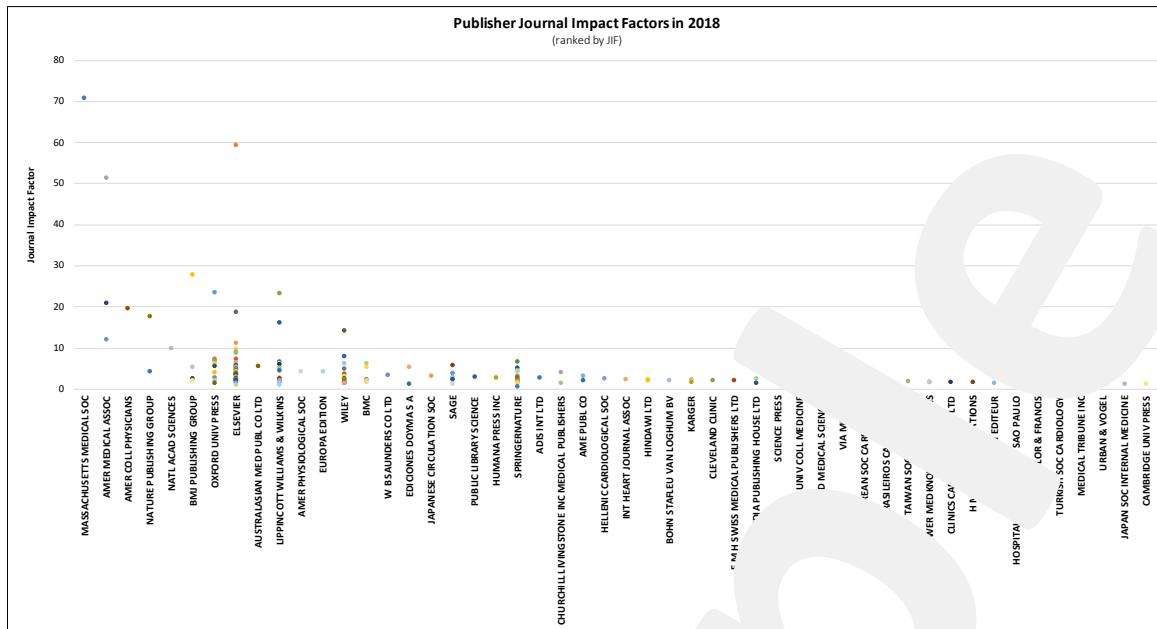
## Publisher Output and Impact in Category – average JIF in 2018

The number of documents published in 2018 unified to publisher and their averaged normalized impact in the category.

Note that only titles indexed in the Science and Social Science Citation Index have Journal Impact Factors (JIF).

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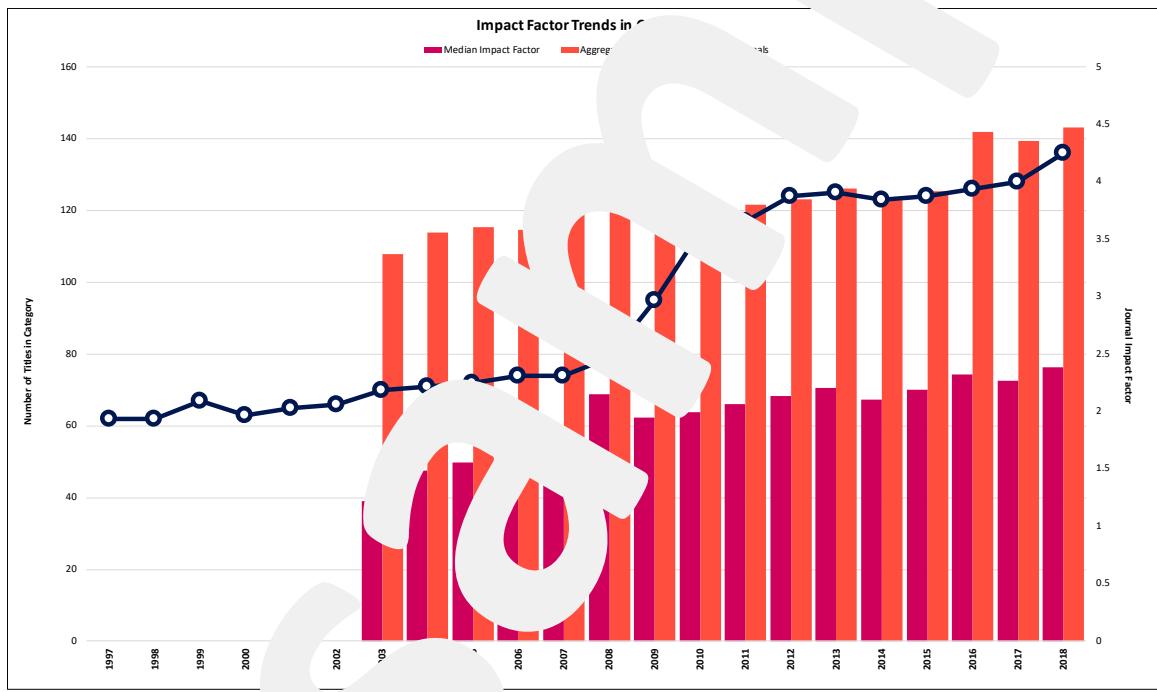
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## Publisher Journal Impact Factors (2018)

This shows the distribution of Journal Impact Factors by unified publisher.

MEDICINE, GENERAL & MULTIDISCIPLINARY titles publishing research in the journal are also included (and can be omitted on request).



## Impact Factor Trends for the Category (2018)

This shows the number of journals included in the category and both the median and average [aggregate] Journal Impact Factors for each JIF year.

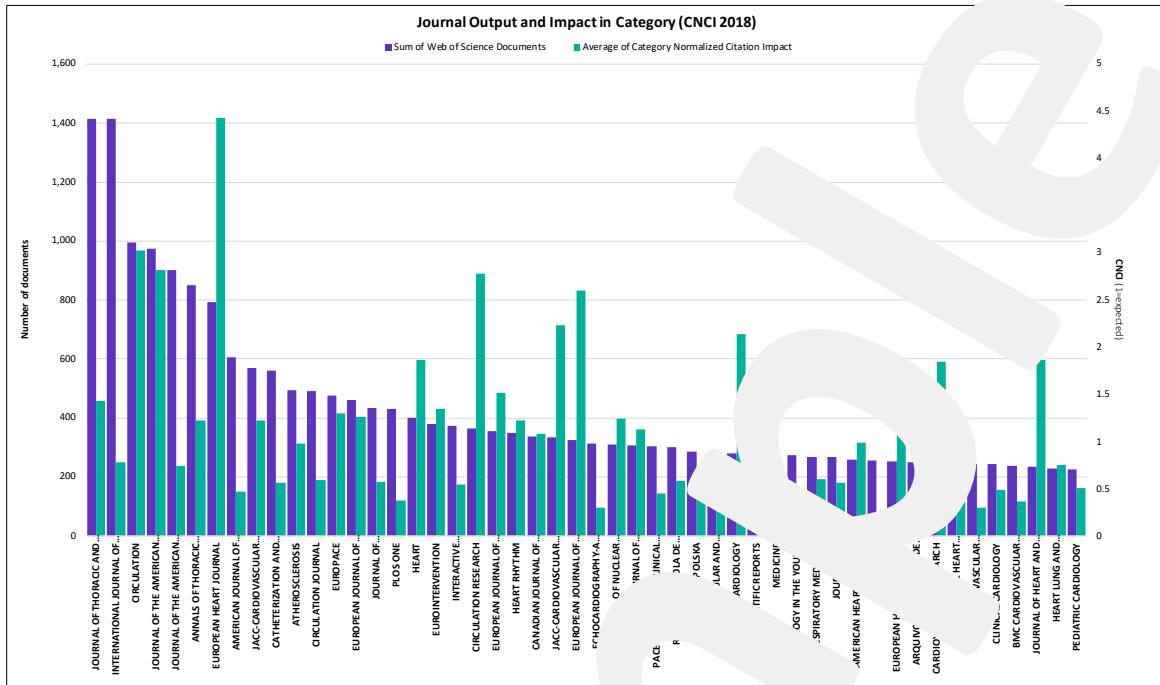
Journals with an Impact Factor above the median are in the upper two quartiles, those below in the lower.

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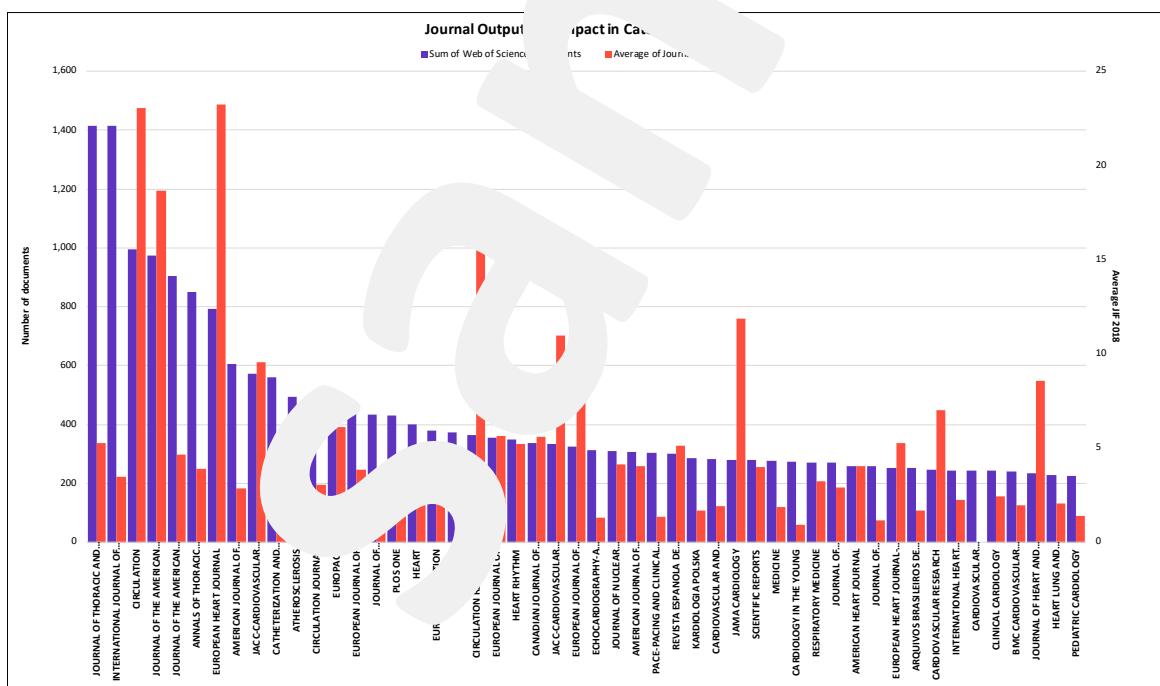
## Journal Output and Impact in Category

Documents published between 2008 and 2018 (articles, reviews, proceedings papers, editorial matter, letters)



## Publisher Output and Impact in Category – CNCI in 2018

This shows the number of published documents and their impact compared with the category as CNCI.



## Publisher Output and Impact in Category – average JIF in 2018

This shows the number of published documents and their most recent JIF.

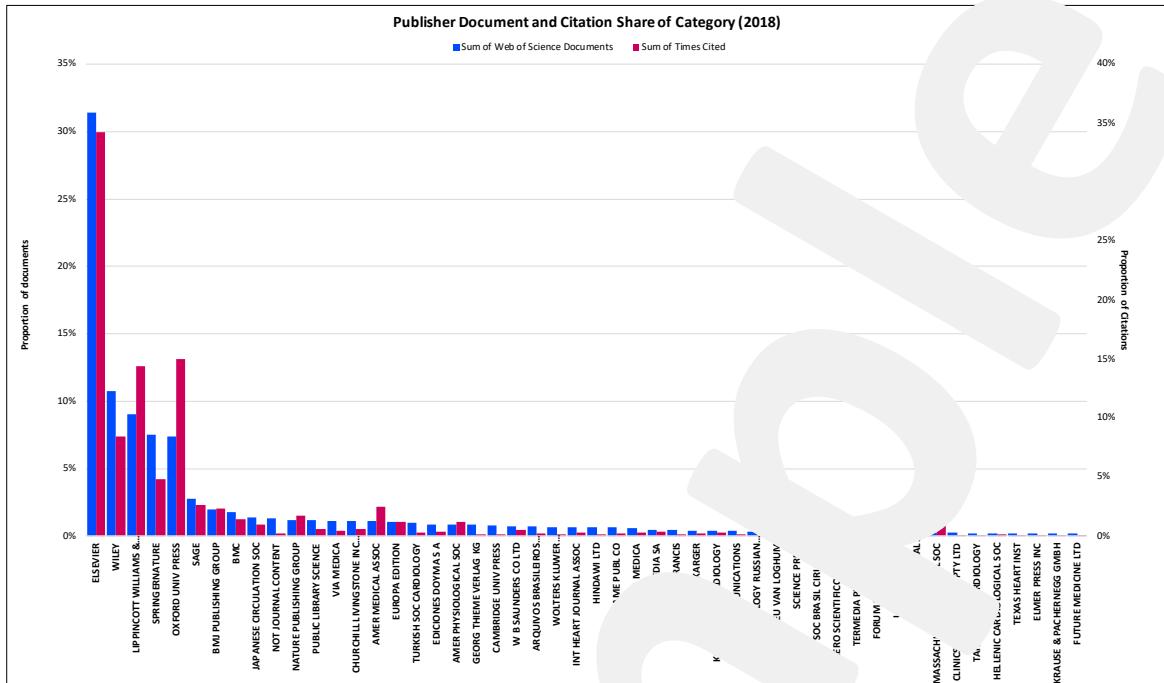
Note that only titles indexed in the Science and Social Science Citation Indexes have Journal Impact Factors (JIF).

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## Proportion of Category Output for Publishers and Journals

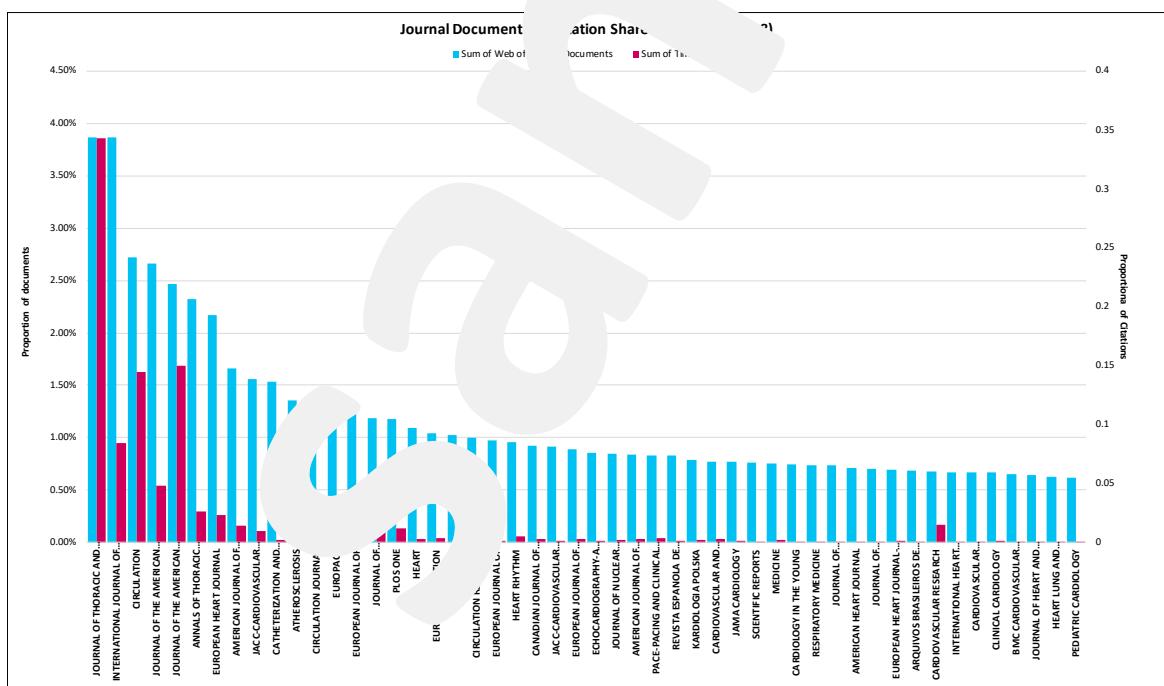
Documents published in 2018 (articles, reviews, proceedings papers, editorial matter, letters)



## Publisher Document and Citation Share of Subject Category (2018)

The unified publisher share of documents and citations in the category for the full 2018 publication year.

This shows the effective share of each publisher of the category.



## Journal Document and Citation Share of Subject Category (2018)

The journal share of 2018 documents and citations as a proportion of the subject category.

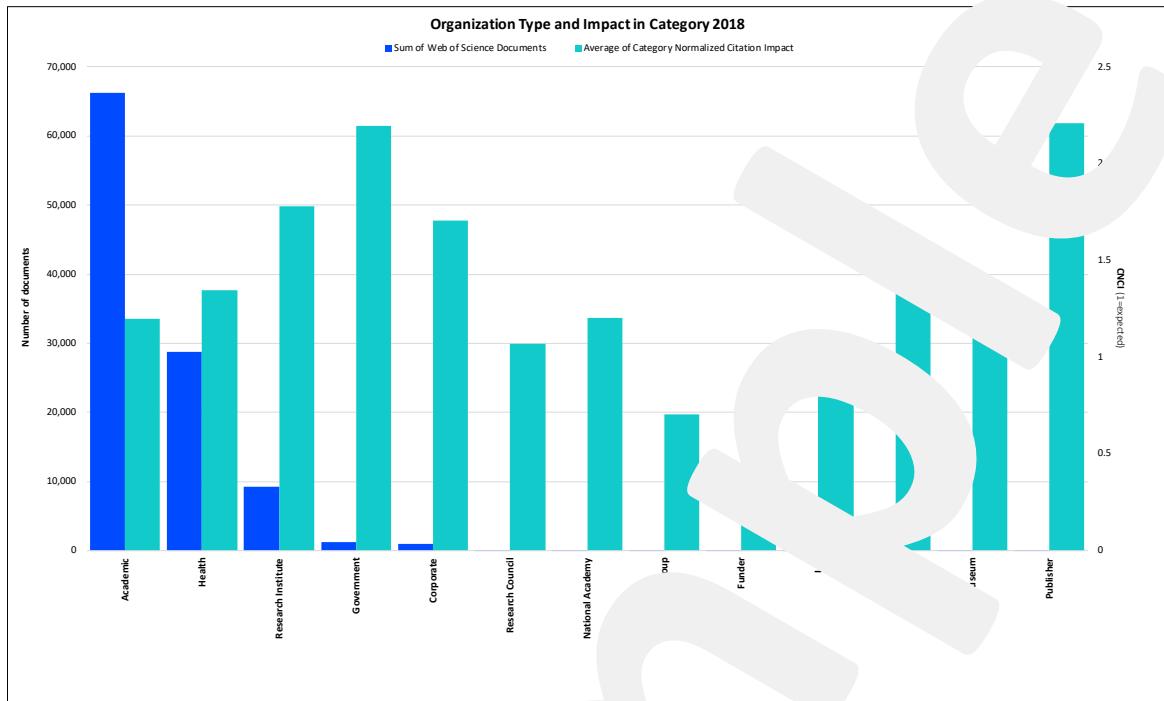
This shows the lead journals and their share of the documents and their citations in the category.

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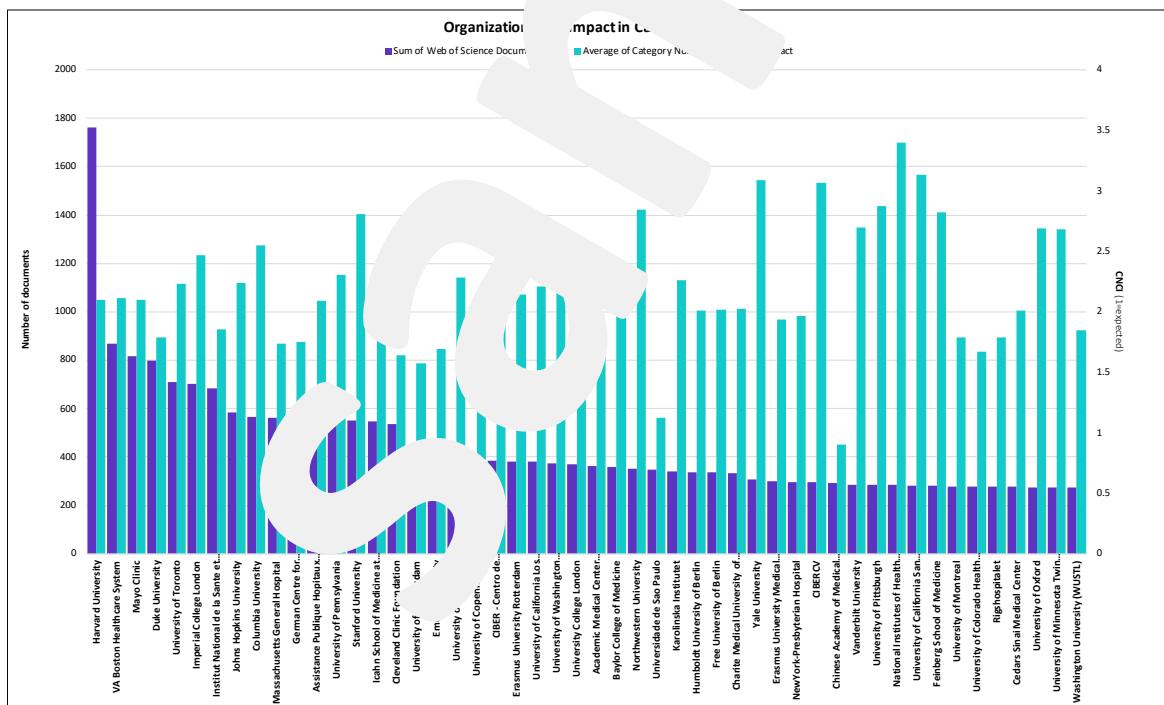
## Leading Organizations in the Subject Category

Documents published in 2018 (articles, reviews, proceedings papers, editorial matter, letters)



## Organization Type and Impact in Category (2018)

A breakdown of publication output and impact in the category in 2018 based on organization type (as categorized in the Web of Science).

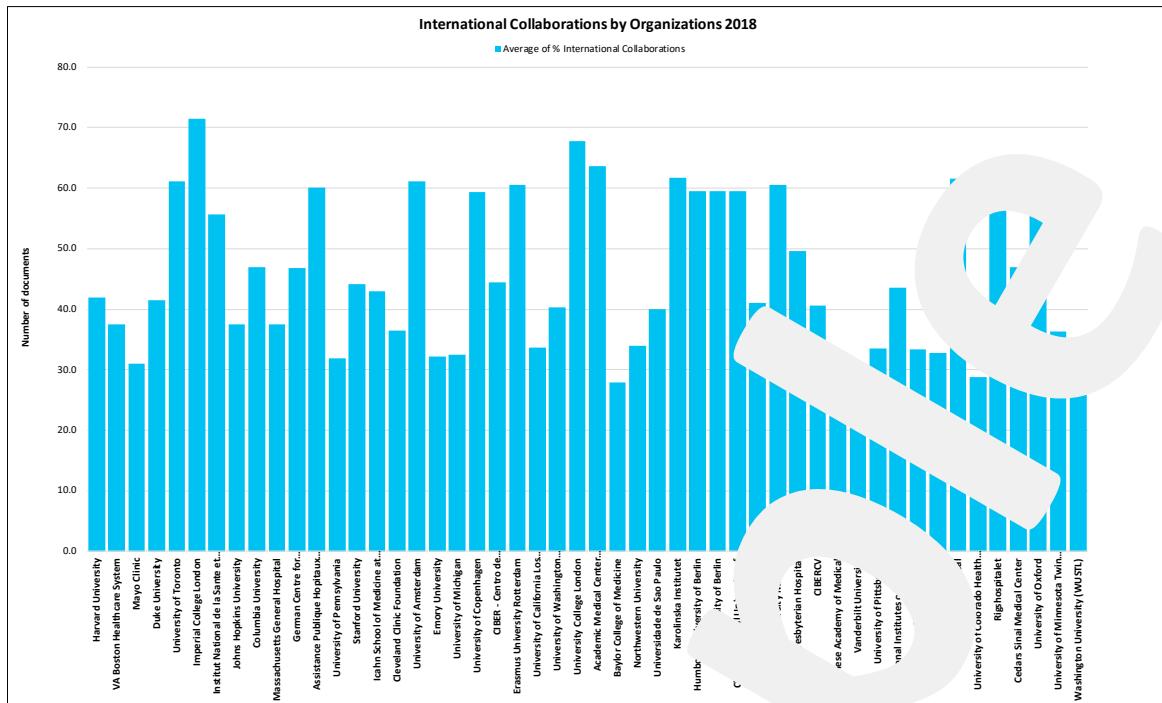


## Organizations and Impact in the Category (2018)

The leading organizations in the category and their publication impact in the category (as CNCI).

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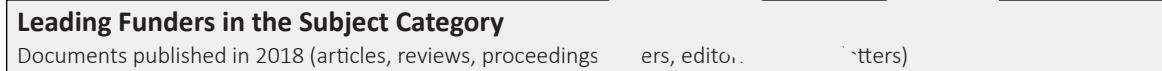
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## International Collaborations by Organizations in 2018

The percentage of documents with authors from more than one country/region.

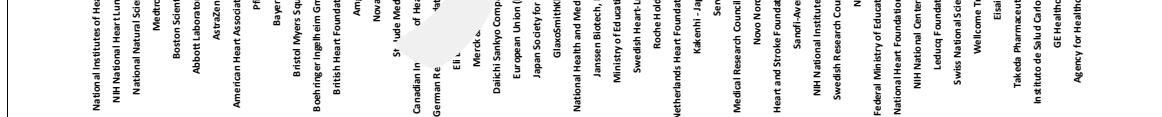
This shows the international diversity of the category.



## Funding Agencies and Impact in the Category (2018)

The leading funding agencies in the category and their publication impact in the category (as CNCI).

Note that funding agencies have been unified. Not all documents will have declared funding sources.

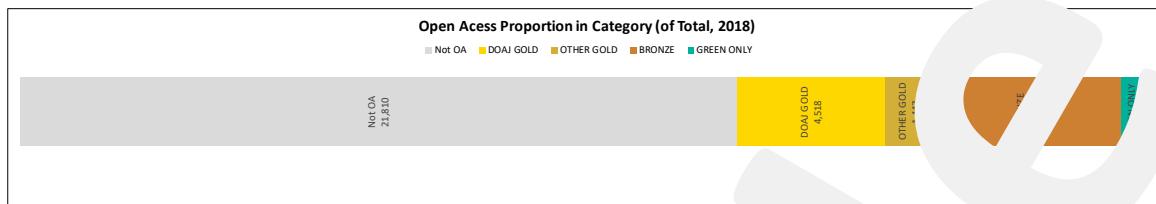


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## Open Access by Publisher and Journal in Category (2018)

All documents – Open Access information from ImpactStory



## Open Access Proportion in Category (2018)

Article level open access for the entire category.



## Open Access Proportion by Publisher.

Grouped by unified publisher and number of documents published.

This shows which publishers are publishing significant amounts of open or public access content.

## Open Access Classifications

**Not OA** – documents with no open or publicly accessible version available at the time of analysis.

**DOAJ GOLD** – documents published in a DOAJ-listed Gold-OA title.

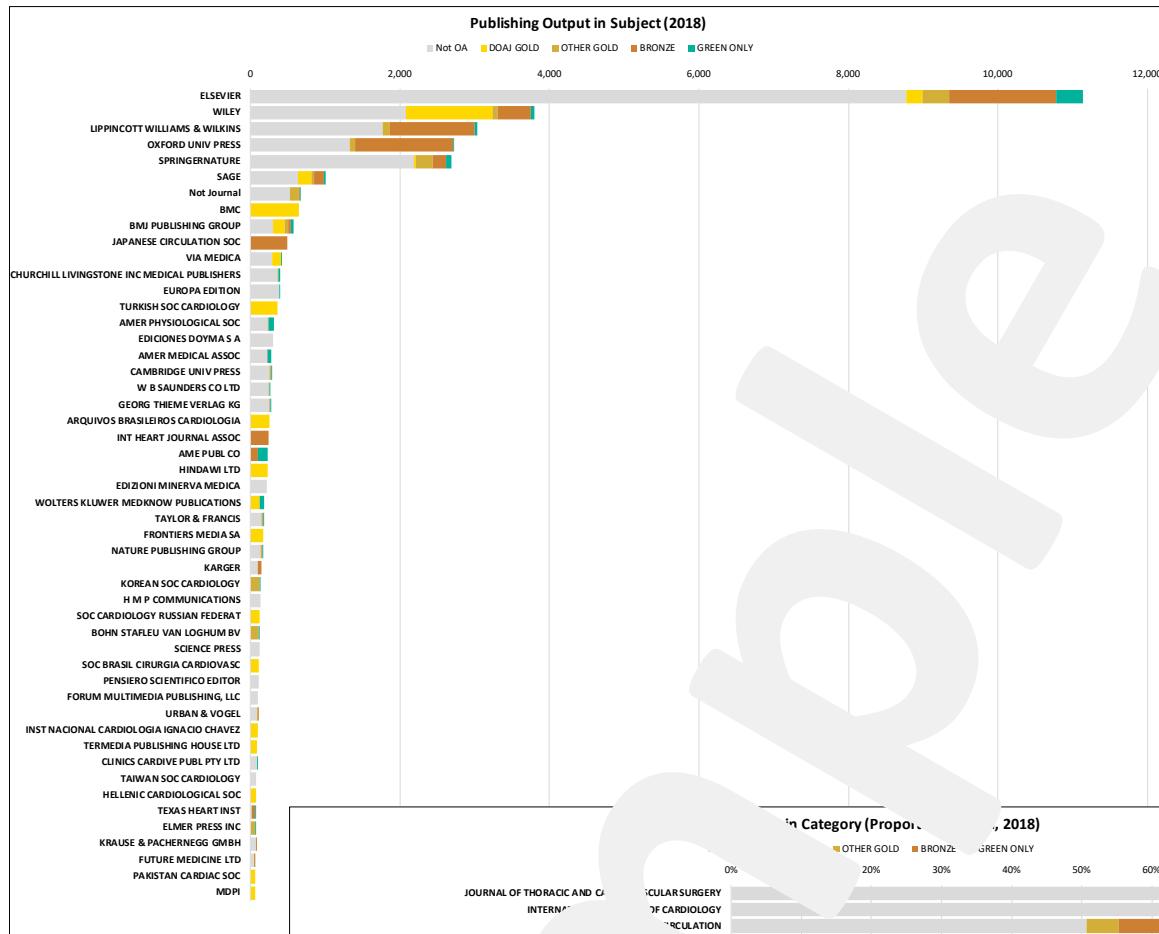
**OTHER GOLD** – documents not published in a DOAJ-listed Gold OA title but with open (e.g. Creative Commons) licensing – typically hybrid OA content published in a subscription title.

**BRONZE** – documents accessible without paywall but with no identifiable open licensing.

**GREEN ONLY** – documents only open/publicly available via a green repository version.

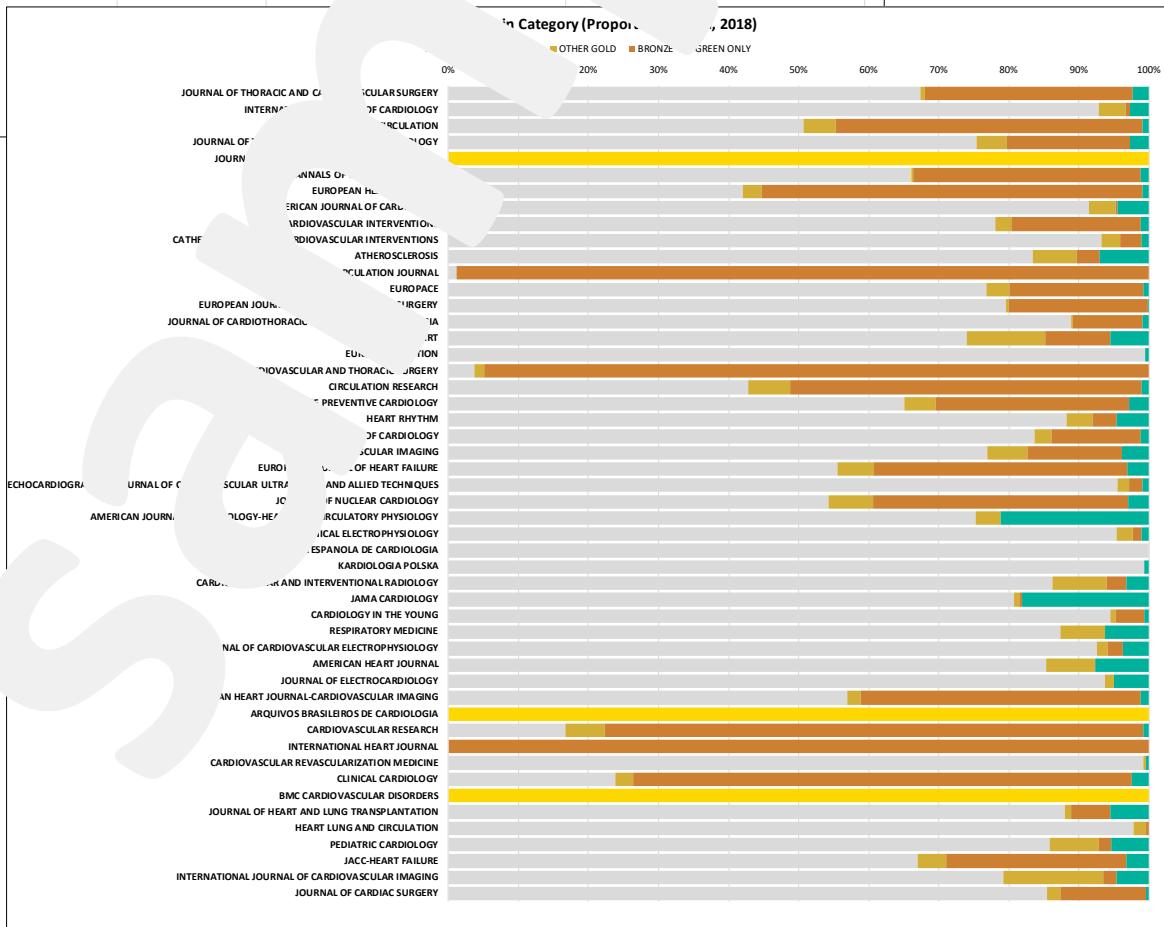
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# Open Access Proportion by Journal (2018)

Ranked by overall  
publishing output.



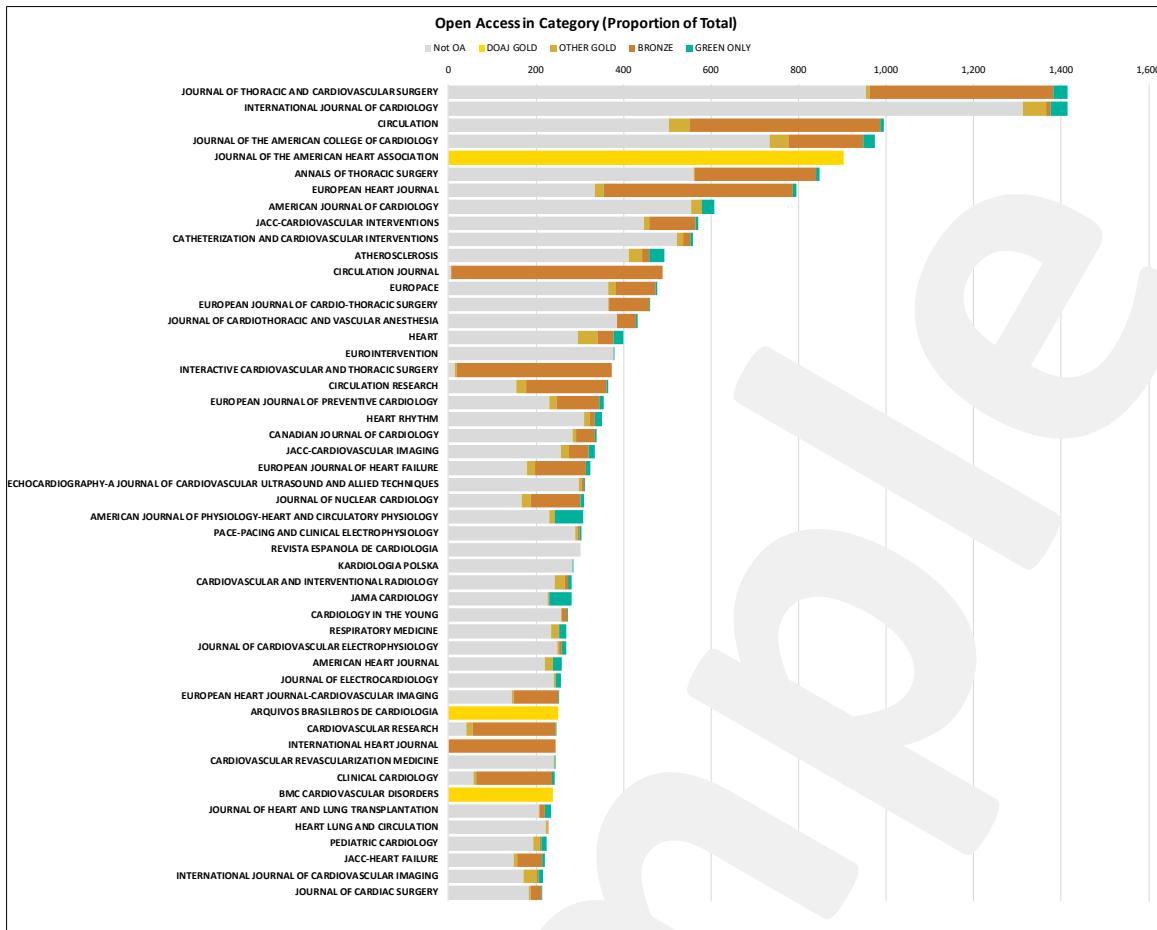
# Open Access Publishing Output by Publisher (2018)

Grouped by unified publisher and showing total number of documents published.

This shows how much open or public access content each publisher is publishing.

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## Open Access Publishing Output by Journal (2018)

This shows the total amount of open / public access content published by journals in the category.

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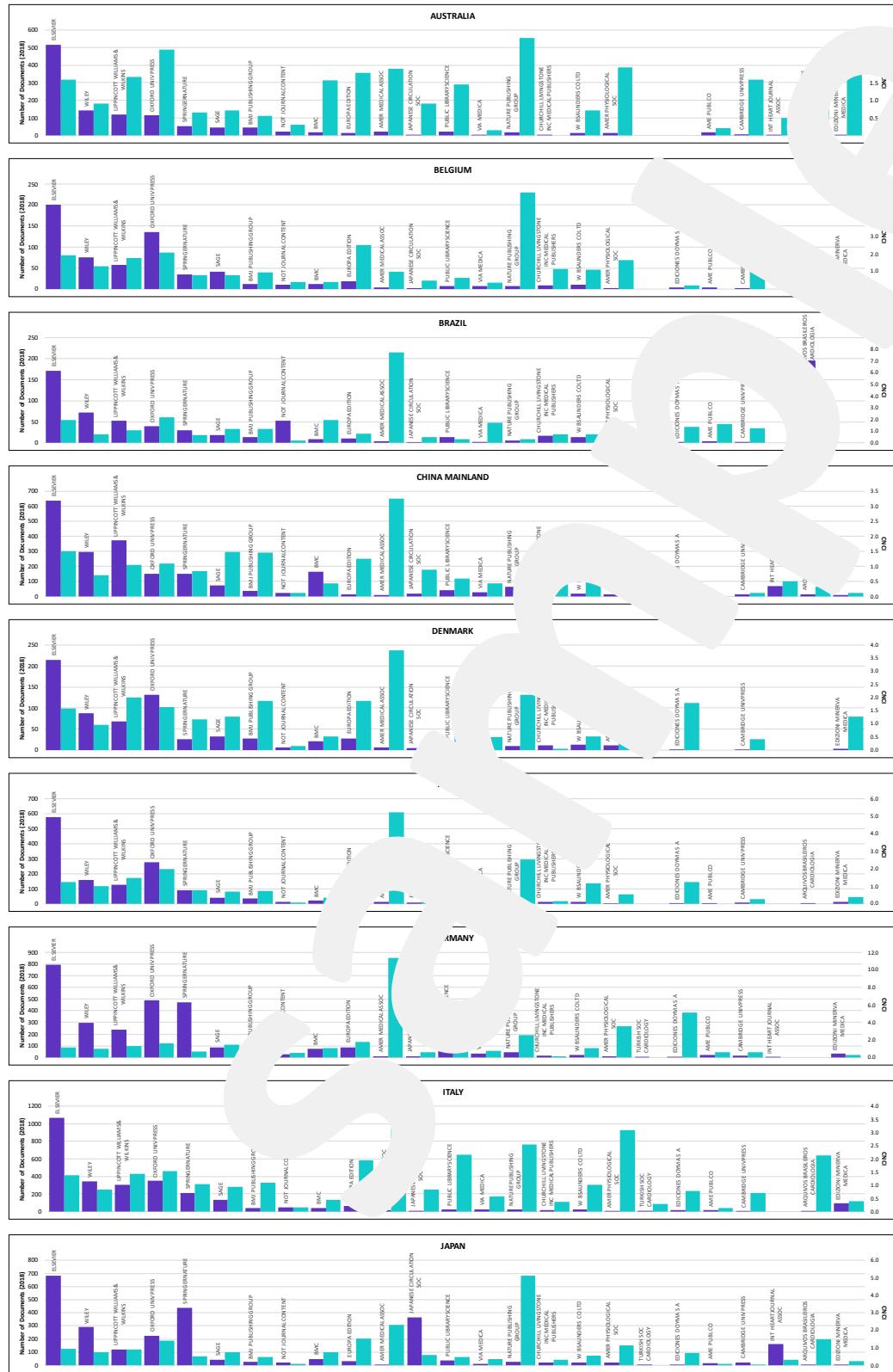
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## Publishing Output by Publisher – Regional Cross-Sections

Documents published in 2018 (articles, reviews, proceedings papers, editorial matter, letters)



## Lead Publisher by Country/Region

or top 25 unified publishers and top 25 countries/regions in category (ranked by number of published documents).

aligns regional affiliations with publishers.

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**Lead Publisher by Country/Region**

Continued.

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## Lead Publisher by Country/Region

Continued.

## Supporting Datasets

These datasets include comprehensive sets of bibliometric indicators and can be used as the basis for additional analyses.



### Full Dashboard

in editable spreadsheet format



### Full Article Set for Category [2018]

full set of article-level bibliometrics and open access status (Data

21)



### Organizations in Category [2018]

organization-level metrics (Data\_R03F08)



### Countries/Regions in Category [trend 2008–2018]

country/region-level metrics (Data\_R03F09)



### Funding Agencies in Category [2008]

funder-level metrics (Data\_R03F10)



### Journals in Category [trend 2008–2018]

journal-level metrics (Data\_R03F11)



### Journals vs Country/Region in Category

journal and publisher-level metrics for top journals in each country/region (Data\_R03F12)