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
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.

Based on Web of Science content indexed through 31 May 2019. Questions? Contact publisher.analystics@clarivate.com
Publishing Output by Country/Region (2018)

This is a cross-section of output by country in 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.
Based on Web of Science content indexed through 31 May 2019. Questions? Contact publisher.analytics@clarivate.com
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.
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 – CNI in 2018
This shows the number of published documents and their impact compared with the category as CNI.

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).
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.
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 CNI).
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.

Leading Funders in the Subject Category
Documents published in 2018 (articles, reviews, proceedings, letters, editors, editors)

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.
Open Access by Publisher and Journal in Category (2018)
All documents – Open Access information from ImpactStory

Open Access Proportion in Category (of Total, 2018)
- Not OA
- DOAJ GOLD
- OTHER GOLD
- BRONZE
- GREEN ONLY

OPEN ACCESS PROPORTION IN CATEGORY (OF TOTAL, 2018)

- Not OA
- DOAJ GOLD
- OTHER GOLD
- BRONZE
- GREEN ONLY

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 public access version available at the time of analysis.
- 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.

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

Open Access in Category (Proportion of Total)

- **Journal of Thoracic and Cardiovascular Surgery**
- **International Journal of Cardiology**
- **Circulation**
- **Journal of the American College of Cardiology**
- **Journal of the American Heart Association**
- **Annals of Thoracic Surgery**
- **European Heart Journal**
- **American Journal of Cardiology**
- **JACC Cardiovascular Interventions**
- **Circulation and Cardiovascular Interventions**
- **Circulation**
- **European Journal of Cardio-Thoracic Surgery**
- **Journal of Cardiothoracic and Vascular Surgery**
- **Heart Failure Reviews**
- **European Journal of Preventive Cardiology**
- **Heart Rhythm**
- **Canadian Journal of Cardiology**
- **JACC Cardiovascular Imaging**
- **European Journal of Heart Failure**
- **Echocardiography & a Journal of Cardiovascular Ultrasound and Allied Techniques**
- **Journal of Nuclear Cardiology**
- **American Journal of Physiology-Heart and Circulatory Physiology**
- **Pacing and Clinical Electrophysiology**
- **Revista Brasileira de Cardiologia**
- **Eur Heart J**
- **Cardiovasc Pathol**
- **Cardiovascular and Interventional Radiology**
- **Asia Cardiovasc**
- **Cardiology in the Young**
- **Investigative cardiology**
- **Journal of Cardiovascular Electrophysiology**
- **American Heart Journal**
- **Journal of Cardiac Failure**
- **European Heart Journal Cardiovascular Imaging**
- **Journal of Invasive Cardiology**
- **Cardiovascular Research**
- **International Heart Journal**
- **Cardiovascular Magnetic Resonance**
- **Clinical Cardiology**
- **JACC Cardiovascular Disease**
- **Journal of Heart and Lung Transplantation**
- **Heart, Lung and Circulation**
- **Pulmonary Circulation**
- **JACC Heart Failure**
- **International Journal of Cardiovascular Imaging**
- **Journal of Thoracic Surgery**

Based on Web of Science content indexed through 31 May 2019. Questions? Contact publisheranalytics@clarivate.com
Lead Publisher by Country/Region

For top 25 unified publishers and top 20 countries/regions in category (ranked by number of published documents).

Note: regional assignments aligns regional affiliations with publishers.
Publishing Output by Journal – Regional Cross-Sections
Documents published in 2018 (articles, reviews, proceedings papers, editorial matter, letters)

Lead Publisher by Country/Region
Shows the top 25 unified publishers and top 25 countries/regions in categories (ranked by number of published documents).

This chart aligns regional affiliations with journals.
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_R03F01)

- **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 [2018]**
  journal and publisher-level metrics for top 20 countries/regions (Data_R03F12)