Powering Research Excellence with Clarivate Analytics

RAW 2019

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Who we are?

- *Web of Science Group* organizes the world’s research information to enable academia, corporations, publishers and governments to accelerate the pace of research.
- One of DHET’s accredited lists (Thomson Reuters ISI List)
- Before 2015 we formed part of Thomson Reuters and later became a stand alone business under Clarivate Analytics
- We provide solutions to 92% of Universities in South Africa

Better data. Better decisions.

Harness the power of the Web of Science Group for the most insightful view of the global research landscape, representing over 250 subject areas, and 12M open access articles, at your fingertips.
Powering research excellence worldwide

100% of AAU Universities
98% of Carnegie R1 Universities
100% of Ivy League Universities
By the US Government

Fortune 500
US Funding Agencies
By the US Government

100% of the LERU Universities
98% of all European Consortia
Major research funders

100% of Thailand’s Universities

100% of New Zealand’s Universities
100% of Group of Eight Universities
100% of the ‘First Class University Group’ in China
100% of Organizations in Azerbaijan
100% internationally ranked Russian Universities
100% of Ukrainian Organizations
100% of Organizations in Kazakhstan
100% of the ‘First Class Discipline Group’ in China

Used by the Ministry of Education Malaysia
92% of the First Class Discipline Group in China

Over 100 Countries

by Australian Research Council

by Governments in Europe

92% of South African Universities

We’re everywhere...

Australia | Austria | Belgium | Brazil | Bulgaria | Canada | Chile | China | Croatia | Czech Republic | Denmark | Egypt | Estonia | Finland | France | Germany | Hungary | India | Israel | Italy | Kazakhstan | Latvia | Lithuania | Luxembourg | Mexico | Morocco | Netherlands | New Zealand | Norway | Pakistan | Poland | Romania | Russia | Saudi Arabia | Slovakia | Slovenia | South Africa | Spain | Sweden | Switzerland | Tunisia | Turkey | United Kingdom | United States
The Web of Science Core Collection

Our Flagship Solution

• The world’s most trusted publisher-independent global citation database for scientific and scholarly research.

• Guided by the legacy of Dr Eugene Garfield, inventor of the world’s first citation index in 1955

• We remain true to his principles of objectivity, selectivity and collection dynamics

• Cover to cover indexing of bibliographic metadata

• 21,100 peer-reviewed, high-quality scholarly journals published worldwide.

• Covers 250 sciences, social sciences, and arts & humanities disciplines.
Concerned about ethical publishing practices and journal quality?
We provide a journal list you can trust.

Our collections are dynamic
These dynamic collections undergo continuous curation to remove low-quality journals and ensure that journals are in the most appropriate collection.
Unbiased publisher neutral curation is a hallmark of Web of Science Core Collection

**Relevance, responsibility and integrity**

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**Quality criteria**

- Review of fundamental bibliographic information, peer review policies, publisher, content access, etc.
- Scholarly content confirmation, author and editorial board details, publication volume and timeliness, ethics statements, etc.
- Content relevance, funding examination, author distribution, journal self-citations, etc.
- Content significance and multi-perspective citation analysis.

**Impact criteria**

- Starts editorial triage
- Starts editorial evaluation
- Enters Emerging Sources Citation Index and is evaluated for impact
- Enters Science Citation Index Expanded, Social Sciences Citation Index, or Arts & Humanities Citation Index

**Journals are selected by experts with:**

- **150** years of experience
- Fluency in **12** languages
- **0** affiliations with any journals or publishers
Incites: Benchmarking & Analytics
Drawing insights from the Web of Science through Powerful Analytics

• A web-based research evaluation tool that lets you:
  ✓ Analyze institutional productivity
  ✓ Monitor collaboration activity
  ✓ Identify influential researchers
  ✓ Showcase strengths
  ✓ Discover areas of opportunity.
  ✓ Evaluate performance with trusted metrics such as the Journal Impact Factor and H-Index
Each year since 2002, the Web of Science Group analysts have drawn on publication and citation data from the Web of Science to identify influential researchers in the research areas recognized by Nobel Prizes: Physiology or Medicine, Physics, Chemistry, and Economics.

Since 2002, ISI has been successful in identifying 54 researchers as ‘Citation Laureates’ prior to them receiving a Nobel prize, 29 within just two years of being listed.

In 2011 and 2013, the recipients of all four prizes in the Nobel science and economics categories had been previously identified as Citation Laureates by ISI.

Interesting things you can do with Web of Science Data?

Predict the future
Putting Incites to Work

A look at the NRF
Number of Publications the NRF has Funded

1980 - 2019
Research Areas of NRF Funded Papers

1980 - 2019
Research Areas of NRF Funded Papers with the highest citation impact
1980 - 2019

- INFECTIOUS DISEASES
  1.71 Category Normalized Citation Impact

- EVOLUTIONARY BIOLOGY
  1.25 Category Normalized Citation Impact

- ECOLOGY
  1.05 Category Normalized Citation Impact

- PLANT SCIENCE
  0.96 Category Normalized Citation Impact

- PHYSICS, PARTICLES & FIELDS
  1.57 Category Normalized Citation Impact

- IMMUNOLOGY
  1.23 Category Normalized Citation Impact

- MARINE & FRESHWATER BIOLOGY
  0.94 Category Normalized Citation Impact

- ASTRONOMY & ASTROPHYSICS
  1.25 Category Normalized Citation Impact

- MICROBIOLOGY
  1.19 Category Normalized Citation Impact

- BIOCHEMISTRY & MOLECULAR BIOLOGY
  0.91 Category Normalized Citation Impact

Box size indicates Category Normalized Citation Impact

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Top 10 Institutions that have been associated with NRF Funded Papers
1980 - 2019

- University of Cape Town: 24%
- University of Witwatersrand: 16%
- University of Tokyo: 4%
- Ohio State University: 5%
- University of California Berkeley: 4%
- United States Department of Energy (DOE): 5%
- South African Astronomical Observatory: 14%
- University of California System: 6%
- Centre National de la Recherche Scientifique (CNRS): 9%

Units: Web of Science Documents
Converis: Research Management System

- End to End solution to manage the complete research life-cycle with configurable workflows to match your institutional needs
One single point of access for all the information from your different systems, workflows and processes.
Converis Integrates with Existing IT Systems

And is configurable to your workflow
Support along the research lifecycle
End to End Research management

✓ Match funding opportunities
✓ Documents
✓ Validation for
✓ new accounts
✓ Reporting back to
✓ funder: Input vs.
✓ Output
✓ Public presence:
✓ Web & CVs
✓ Reporting internal
✓ & external
✓ Budgeting
✓ Internal
✓ approvals
✓ Ethics reviews
✓ Controlling: Budget vs.
✓ Expenditure &
✓ Forecast
✓ Tasks & deadlines
The Web of Science Group.

So much more than a search.

Tracey October-Vilakazi
Head of RIMS Solutions for Africa
Clarivate Analytics