# Web of Science and InCites
# le soluzioni per una Ricerca di valore

Biblioteca Centrale
Consiglio Nazionale delle Ricerche

Massimiliano Carloni
Solutions Specialist

Adriana FILIP
Solutions Consultant

Aprile 2018

Clarivate Analytics

# Innovation is in our DNA

ISI® → DERWENT THOMSON SCIENTIFIC™ → THOMSON REUTERS → Clarivate Analytics

Clarivate Analytics honors Dr. Eugene Garfield's legacy to Information Sciences with a Memorial Scholarship

Clarivate Analytics

PHILADELPHIA, March 16, 2017 /PRNewswire/ -- To honor the legacy of Dr. Eugene Garfield, the visionary founder of the Web of Science and a pioneer of Information Science, Clarivate Analytics today announced the creation of the "**Eugene Garfield Information Sciences Pioneer Award.**" This award will be given annually to at least one promising information scientist, selected by a board of prominent scientometricians.

Clarivate Analytics board member Annette Thomas to lead Scientific and Academic Research business

Science publishing innovator excited for future of Web of Science

PHILADELPHIA, Aug. 8, 2017 /PRNewswire/ -- Clarivate Analytics, the global leader in providing trusted insights and analytics to enable the research ecosystem to accelerate discovery, announced today that Annette Thomas, previously appointed to the Clarivate board, will join the company in September as Chief Executive Officer of its Scientific and Academic Research division, well-known for its industry-leading We
team from its London office.

Back to the Future: Institute for Scientific Information Re-established Within Clarivate Analytics

ISI®

**2018** relaunch

PHILADELPHIA, Feb. 7, 2018 /PRNewswire/ -- Clarivate Analytics, the global leader in providing trusted insights and analytics to accelerate the pace of innovation, today announced it will re-establish the prestigious Institute for Scientific Information (ISI) to its Scientific and Academic Research Group. This new incarnation of the Institute will be focused on the development of existing and new bibliometric and analytical approaches, fostering collaborations with partners and customers across the academic community.

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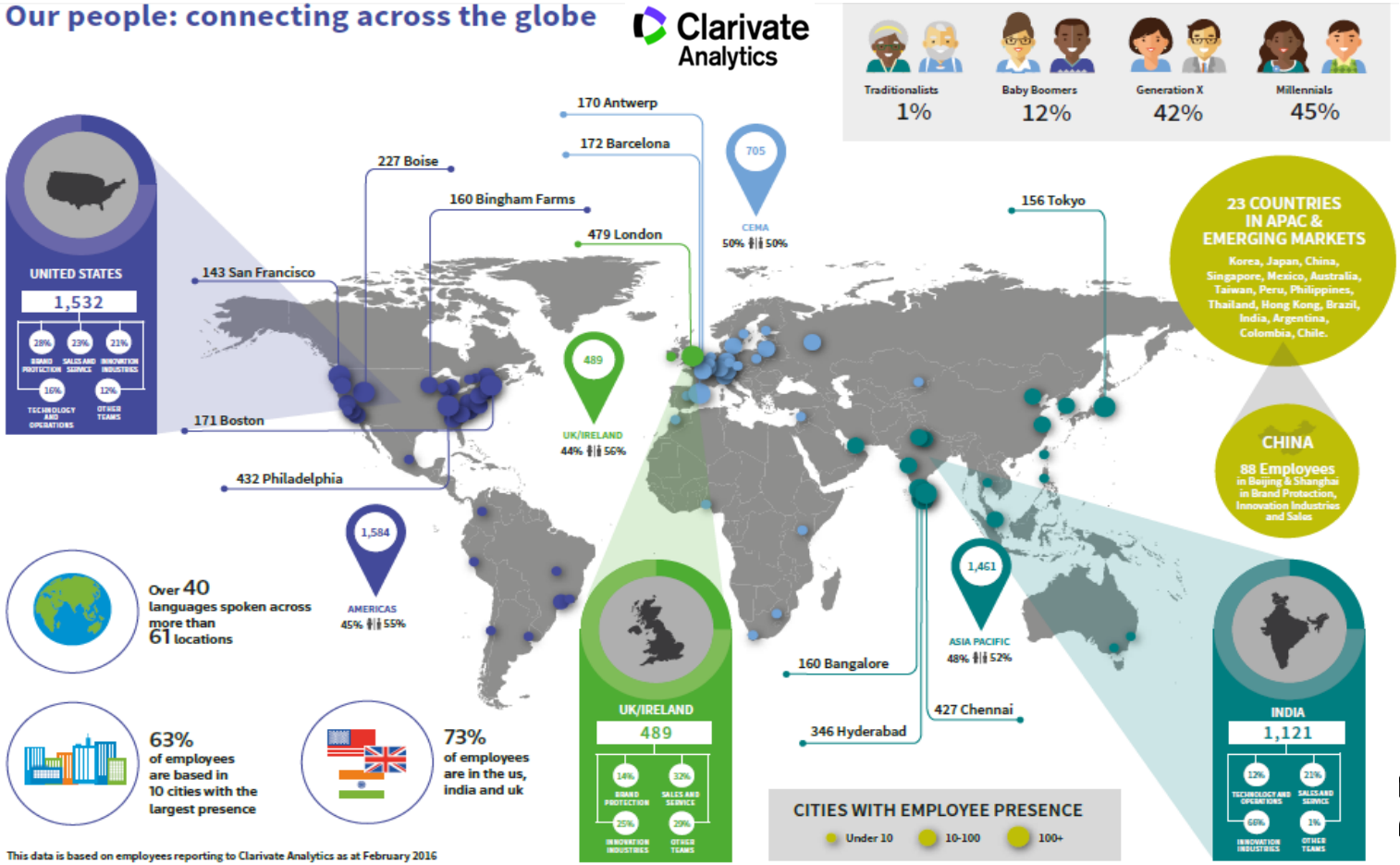
# Globally Connected, Locally Staffed over 4,000 Employees Connect Across the Globe



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**Solution Specialist Italy**
**massimiliano.carloni@clarivate.com**

# Clarivate Analytics Acquires Research Startup Kopernio

Kopernio

Fast, one-click access to millions of research papers

**Clarivate Analytics** has acquired **Kopernio** – a technology start-up headquartered in London that has created a **free browser plug-in and web platform**, powered by ground-breaking technology that enables **one-click access to academic journal articles, across library subscriptions, publisher websites, OA repositories, databases and search engines**.

https://kopernio.com/
https://chrome.google.com/webstore/detail/kopernio/fjgncogppolhfdpijihbpfmeohpaadpc

## Turbo charge your literature search

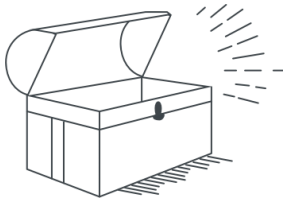
One-click access to PDFs. No more VPNs, login forms, redirects, frantic Googling and chasing broken links.

## Jump over paywalls

Automatically search university library subscriptions, pre-print servers, institutional repositories and private blogs for free PDFs.

## Keep for later

Kopernio automagically files away the PDFs you read in your own private Kopernio Locker. Come back and read them again later, anywhere, anytime.



## Work off campus

Take your university library with you wherever you go; at home, at conferences, on the beach.

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# Kopernio provides one-click access to legal PDFs

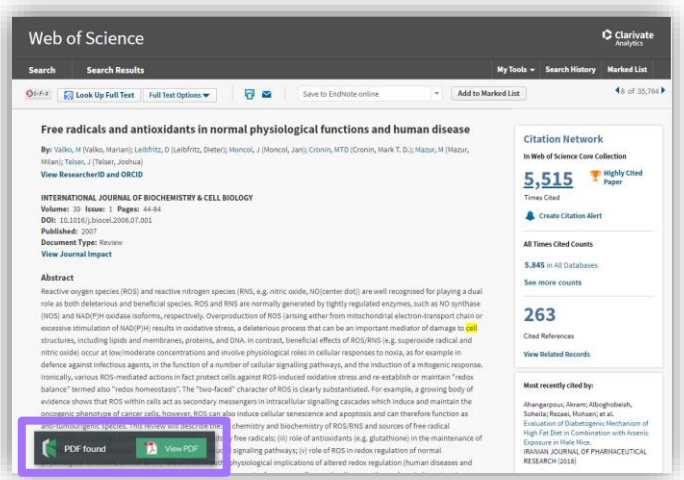
**Kopernio is a browser plug-in that delivers the best available PDF at your point of need, based on your library's subscription.**

- Individuals can install and use Kopernio for free.
- "Next generation" link resolver that finds PDFs as you browse the internet.
- Integrates with Google Scholar and Pubmed.
- Records usage in your library usage reports.

Install in Chrome

Firefox Extension

Learn More: https://kopernio.com/
Library Guides

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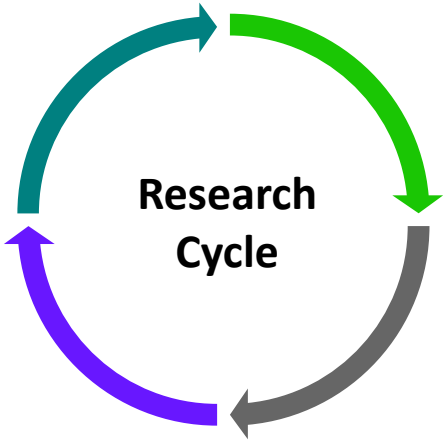
**Converis** | Research Workflow Management

Search Discovery | **Web of Science**




**ResearcherID**
**Publons** | Promote Scientific Production

Write & Publish | **EndNote**
**ScholarOne**

**Essential Science Indicators**
**Journal Citation Reports**
**InCites**
**APIs & Custom Data** | Evaluate Results

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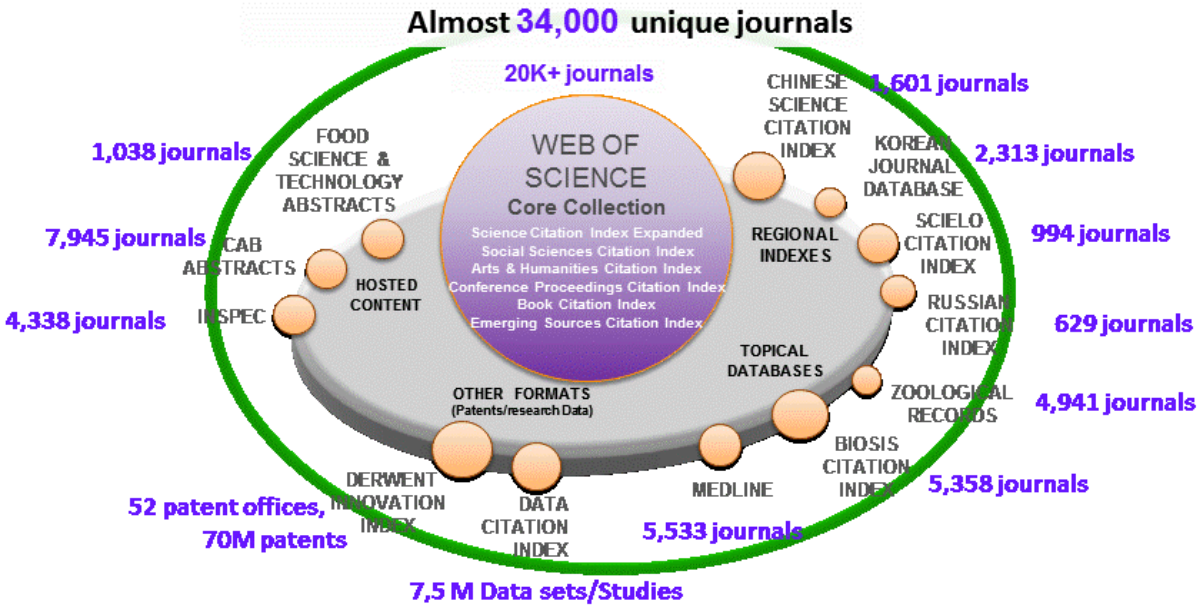
# The Web of Science Universe




The Web of Science is a **citation network** of

- We are close to **150 MILLION unique records**,
- interconnected by more than **1.5 Billion indexed cited references**

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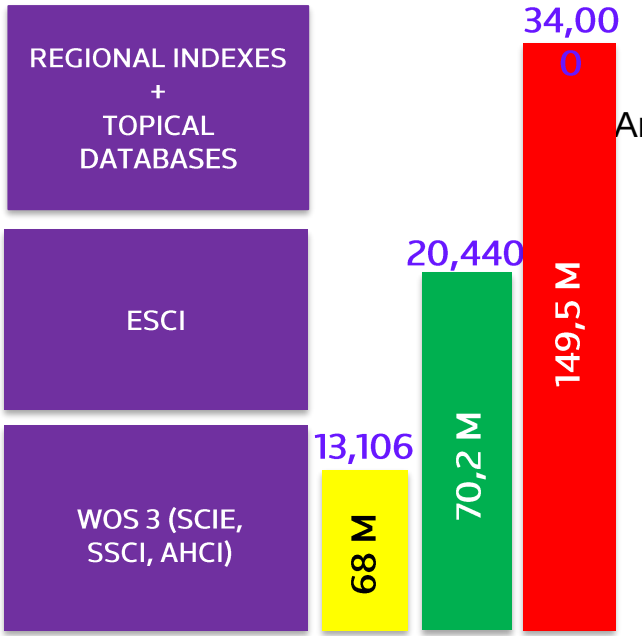
# Web of Science: growth strategy
## Expanding the coverage through “layers” to not mix up quantity and quality




### Expanding **Web of Science** Coverage

Answering to the need of top emerging countries to be represented and to the need of having specific databases (hosted or not hosted)

### Expanding **WOS Core Collection** Coverage

Answering to the need of having more journals but keeping in mind the selectivity concept and differentiating journals being part of WOS-3

### Keeping **WOS-3** very selective

Journals are not equal and nowadays it’s even higher the need of avoiding predatory publishers and indexing low-level journals

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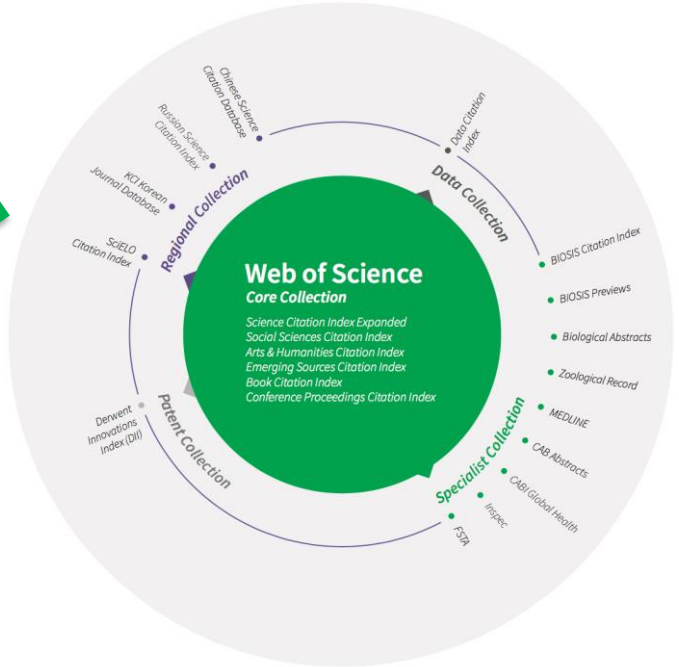
# Web of Science: growth strategy
## Regional Indexes

Complementing the global coverage of WOS-CC focusing on the top research in the key knowledge economies.




Chinese Science Citation Database (Chinese Academy of Sciences) – **1,588** journals

KCI Korean Journal Database (National Research Foundation of Korea) – **2,311** journals

Russian Science Citation Index (elibrary) – **628** journals

SciELO Citation Index (FAPESP-BIREME) – **995** journals

The African Citation Index

Indian Citation Index

REDIB | Red Iberoamericana de Innovación y Conocimiento Científico

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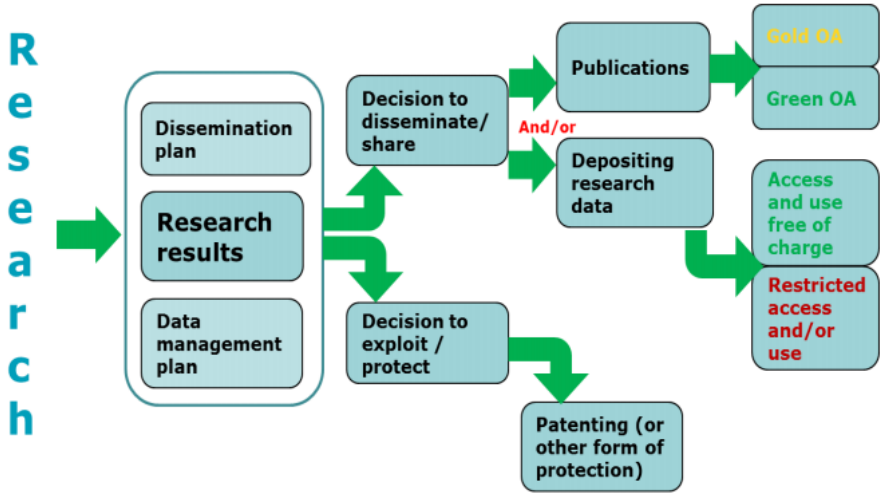
# Overall scientific dissemination process




***Graph: Open access to scientific publication and research data in the wider context of dissemination and exploitation***

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf

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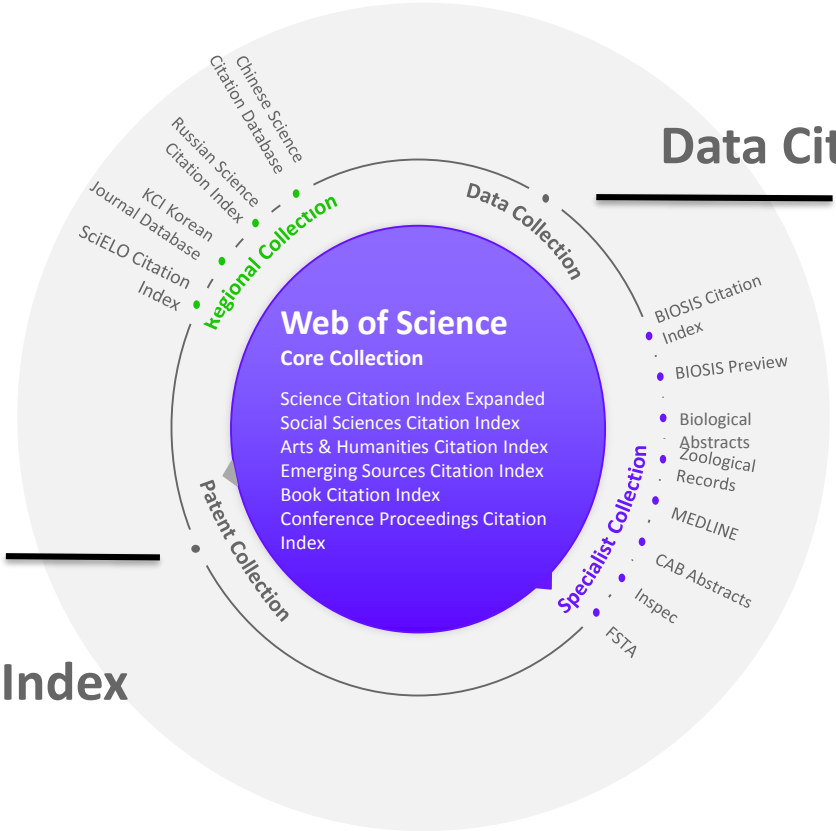
# Web of Science: growth strategy
## Going beyond the papers




**Data Citation Index**
341 repositories
7,3M records

70M patents
52 patent offices
**Derwent Innovations Index**

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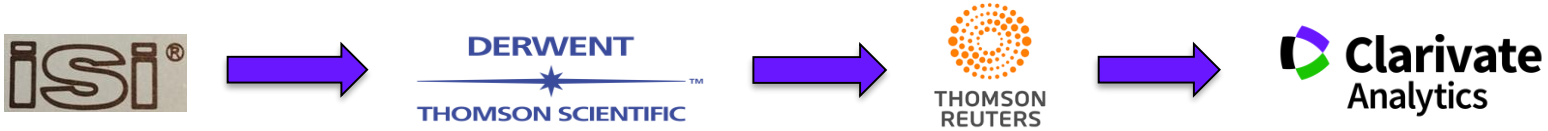
## Clarivate Analytics evolution




We have a **60-year legacy** of curating the most authoritative knowledgebase, including the Web of Science, a custodian of **100 years' worth of research**.

Over 7,000 leading academic, government institutions and corporations use Web of Science data for **search, discovery and evaluation**.

The IP & Science division of Thomson Reuters was **sold as a standalone business** to Onex Partners in October 2016, to form a **more agile new company**, Clarivate Analytics.

We are now an independent company in our own right, with over 4,000 employees around the world. Our values are **Customer Focus, Performance** and **Trust**.

Clarivate
Analytics

# Back to the Future: Institute for Scientific Information Re-established Within Clarivate Analytics

https://clarivate.com/blog/news/back-future-institute-scientific-information-re-established-within-clarivate-analytics/

# Le novità di Web of Science

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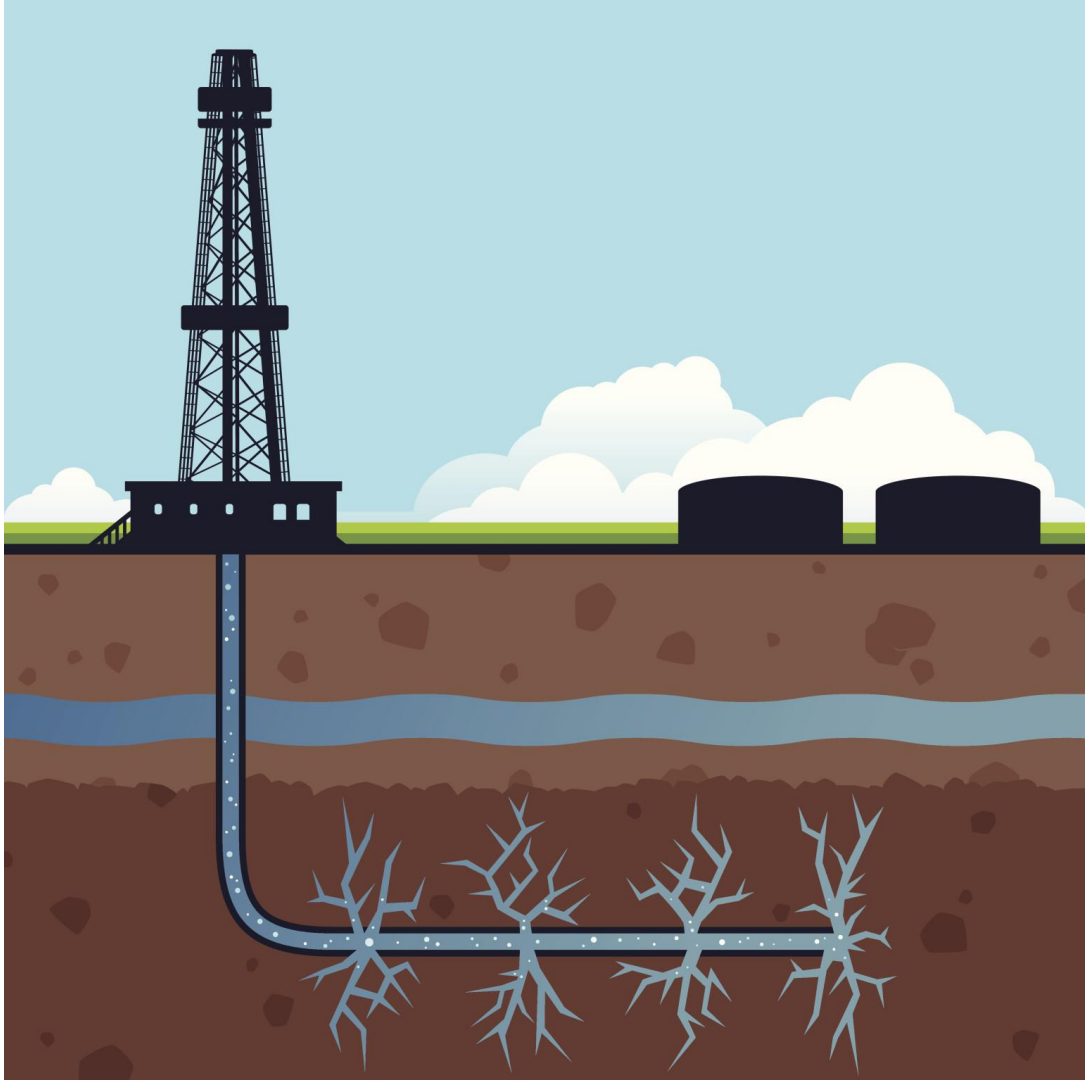
# Hydraulic

# Fracturing
# Fracking



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# Hydraulic Fracturing / Fracking

Web of Science

Clarivate Analytics

Search | My Tools | Search History | Marked List

**Select a database** Web of Science Core Collection Learn More

*See how we've improved Analyze Results, Cited Reference Search, and more!*

Basic Search | Cited Reference Search | Advanced Search | + More

Hydraulic AND (fracturing or fracking)

+ Add Another Field | Rese

TIMESPAN

All years

From 1900 to 2018

**Results: 10,805**
*(from Web of Science Core Collection)*

**You searched for: TOPIC:** (Hydraulic AND (fracturing or fracking))

**Timespan:** All years. **Indexes:** SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.

## Numerical modeling of hydraulic fracturing in carbonate rocks of Bangestan reservoir

**By:** Akrami, A (Akrami, A.)[1]; Hosseini, M (Hosseini, M.)[1]; Sodeifi, H (Sodeifi, H.)[1]

**JOURNAL OF MINING AND ENVIRONMENT**
**Volume:** 9 **Issue:** 1 **Pages:** 117-126
**DOI:** 10.22044/jme.2017.5833.1394
**Published:** WIN 2018
**Document Type:** Article

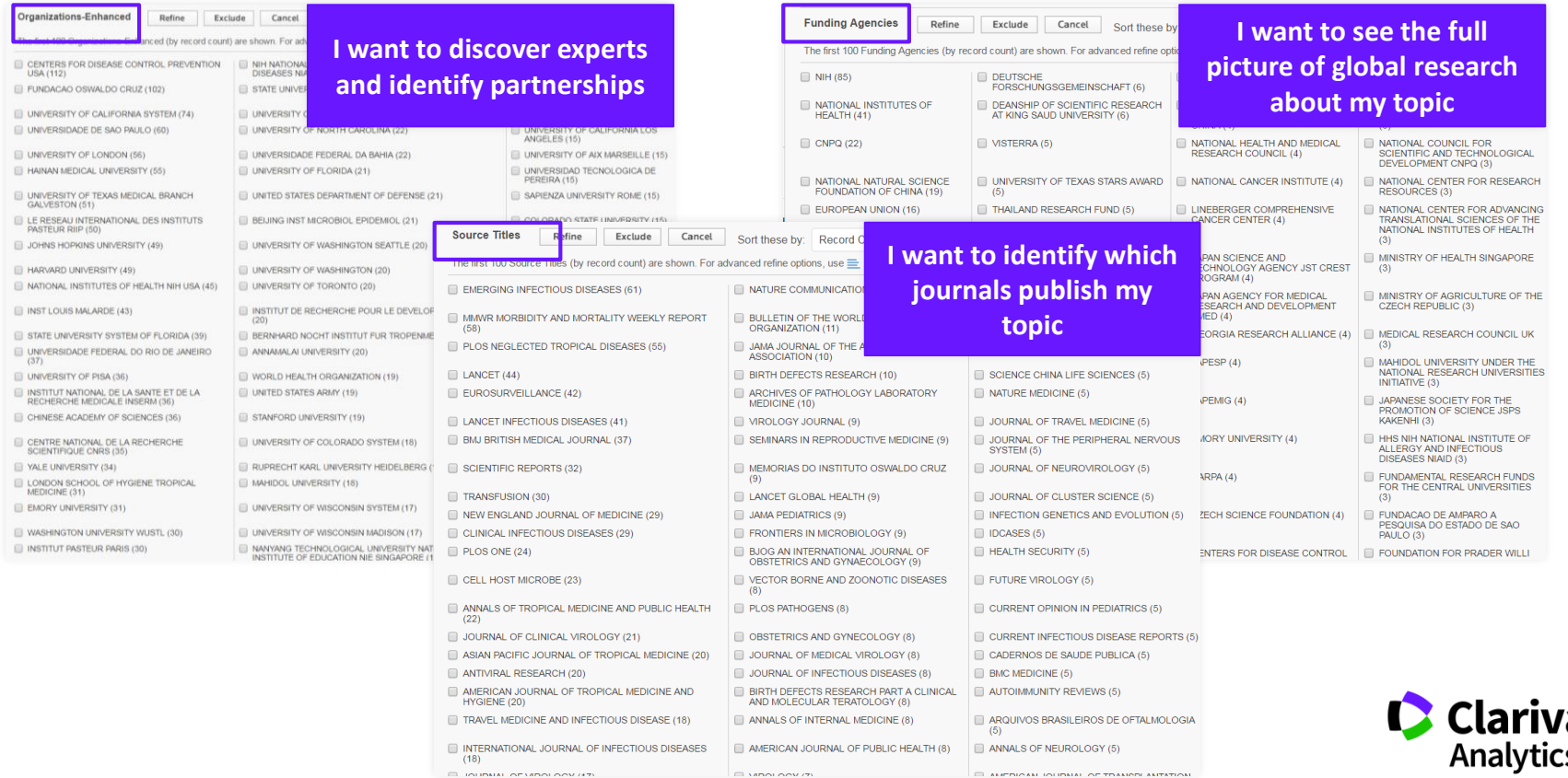
**Abstract**

Hydraulic fracturing is used in the oil industry in order to increase the index of production and processing in the wells whose efficiencies have been dropped due to a long-term harvest or the rocks around the wells are of low permeability. Since the hydraulic fracturing operation is costly, it is of special importance to the project managers to determine the pressure required for hydraulic fracturing and the suitable pump for this operation. The numerical modelings used in this work are aimed to investigate the fracture pressure in the carbonate rocks of Bangestan reservoir in Ahvaz, Iran, and to determine a relationship between the pressure required for fracturing and the confining pressure. In this work, unlike the other ones in this field, the developed numerical models had no initial crack or fracture, and the path of the crack and how the crack grows were studied without any pre-determination and presumption. The results obtained show that, in most cases, the crack starts from the central part of the sample, and is extended to its two ends. The crack extension direction was along the borehole axis inside the sample and perpendicular to the lateral stress. The numerical modeling results were well-consistent with the experimental ones, indicating that the pump capacity constraints in the laboratory could be overcome through numerical modelings.

**Keywords**

**Author Keywords:** Hydraulic Fracturing; Numerical Modeling; Fracture Pressure; Extended Finite Element Method

# Build a profile using key bibliographic information

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# Discover research published in Open Access journals and access the free full text

Web of Science

Clarivate Analytics

Search

**Results: 10,805**
*(from Web of Science Core Collection)*

**You searched for: TOPIC:** (Hydraulic AND (fracturing or fracking)) ...More

Create Alert

**Refine Results**

Search within results for...

**Filter results by:**

- Highly Cited in Field (82)
- Hot Papers in Field (1)
- Open Access (1,486)
- Associated Data (7)

Sort by: **Date** Times Cited Usage Count Relevance More

Select Page | 5K | Save to EndNote online

1. **Numerical modeling of hydraulic fracturing in carbonate rocks of Banges**

By: Akrami, A.; Hosseini, M.; Sodeifi, H.
JOURNAL OF MINING AND ENVIRONMENT Volume: 9 Issue: 1 Pages: 117-126 Pub

Full Text from Publisher | View Abstract

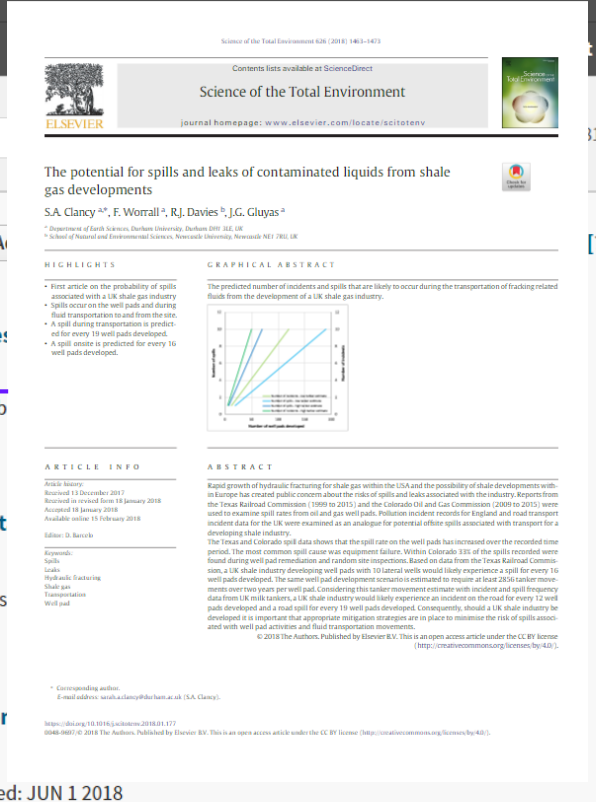
2. **Novel Well Completions in Small Diameter Coreholes Created Using Port**

By: Pierce, Amanda A.; Parker, Beth L.; Ingleton, Robert; et al.
GROUND WATER MONITORING AND REMEDIATION Volume: 38 Issue: 1 Pages

Free Full Text from Publisher | View Abstract

3. **Risk assessment of human exposure to Ra-226 in oil produced water fror**

By: Torres, Luisa; Yadav, Om Prakash; Khan, Eakalak
SCIENCE OF THE TOTAL ENVIRONMENT Volume: 626 Pages: 867-874 Published: JUN 1 2018



Science of the Total Environment

The potential for spills and leaks of contaminated liquids from shale gas developments

S.A. Clancy, F. Worrall, R.J. Davies, J.G. Gluyas

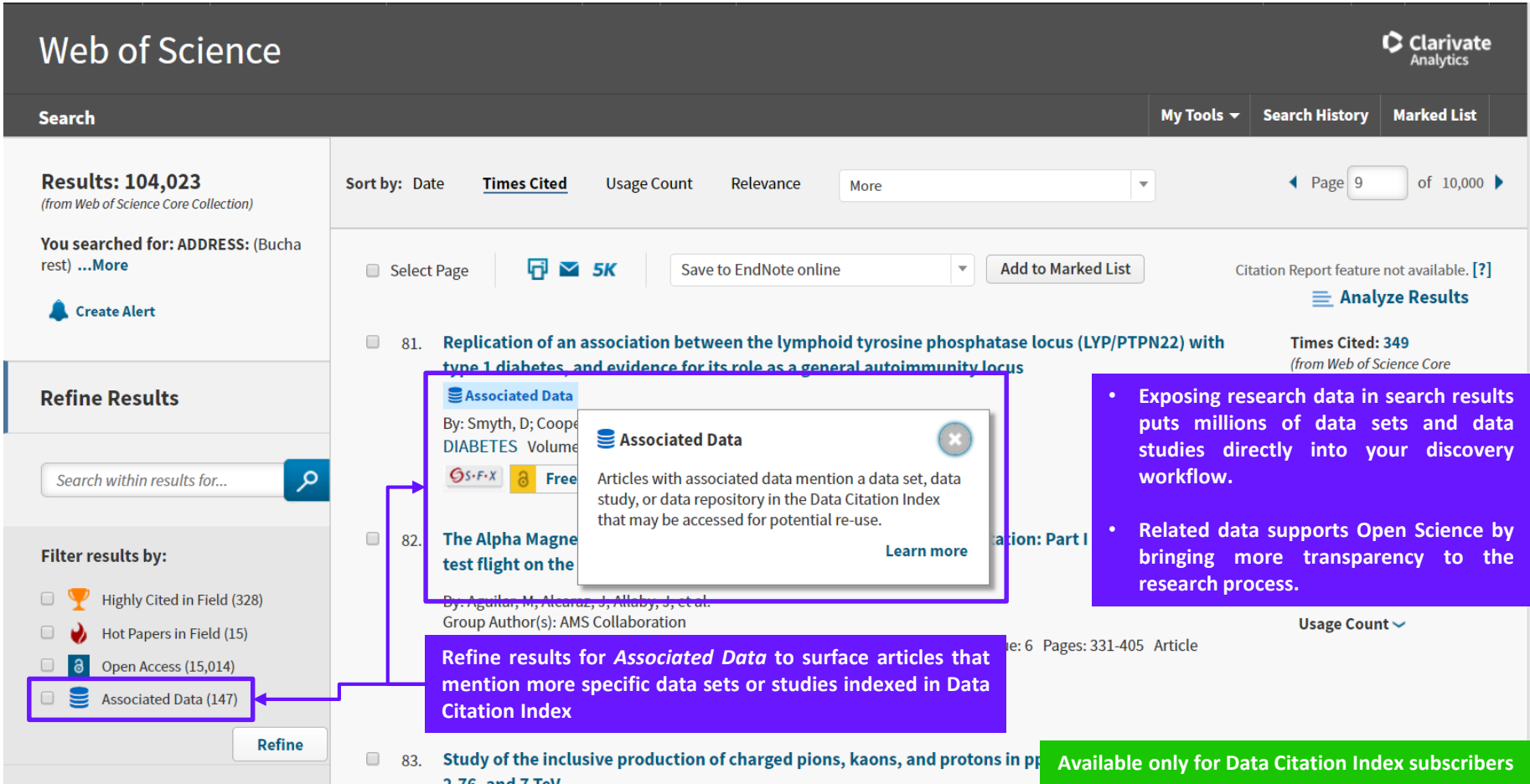
HIGHLIGHTS

GRAPHICAL ABSTRACT

ARTICLE INFO

ABSTRACT

# Integrating Data Discovery in WoS Search Results



# Integrating Data Discovery in WoS Search Results

View the record in the Data Citation Index or go directly to repository to access the data.

## Data Citation Index

# ONE SEARCH INTERFACE FOR
# +340 DATA REPOSITORIES WORLDWIDE
# +7.4 MILLION RECORDS

| | |
|---|---|
| **340+** DATA REPOSITORIES | **35K+** SOFTWARE |
| **795K+** DATA STUDIES | **6.5M+** DATASETS |

Clarivate Analytics evaluates and selects the best data repositories for content, persistence and stability, and searchability. Data that we index is organized into three document types to enhance searchability and discoverability:

- **Repository**: This resource consists of data studies and data sets and provides access to the data.
    - **Data Study**: This is a description of the study or experiment with the associated data used in the study. Includes serial or longitudinal studies over time.
    - **Data Set**: A single or coherent set of data, or a data file, provided by the repository as part of a collection, data study, or experiment.
- **Software**: A computer program or package in source code or compiled form, which can be installed on another machine and used to support & analyze research.

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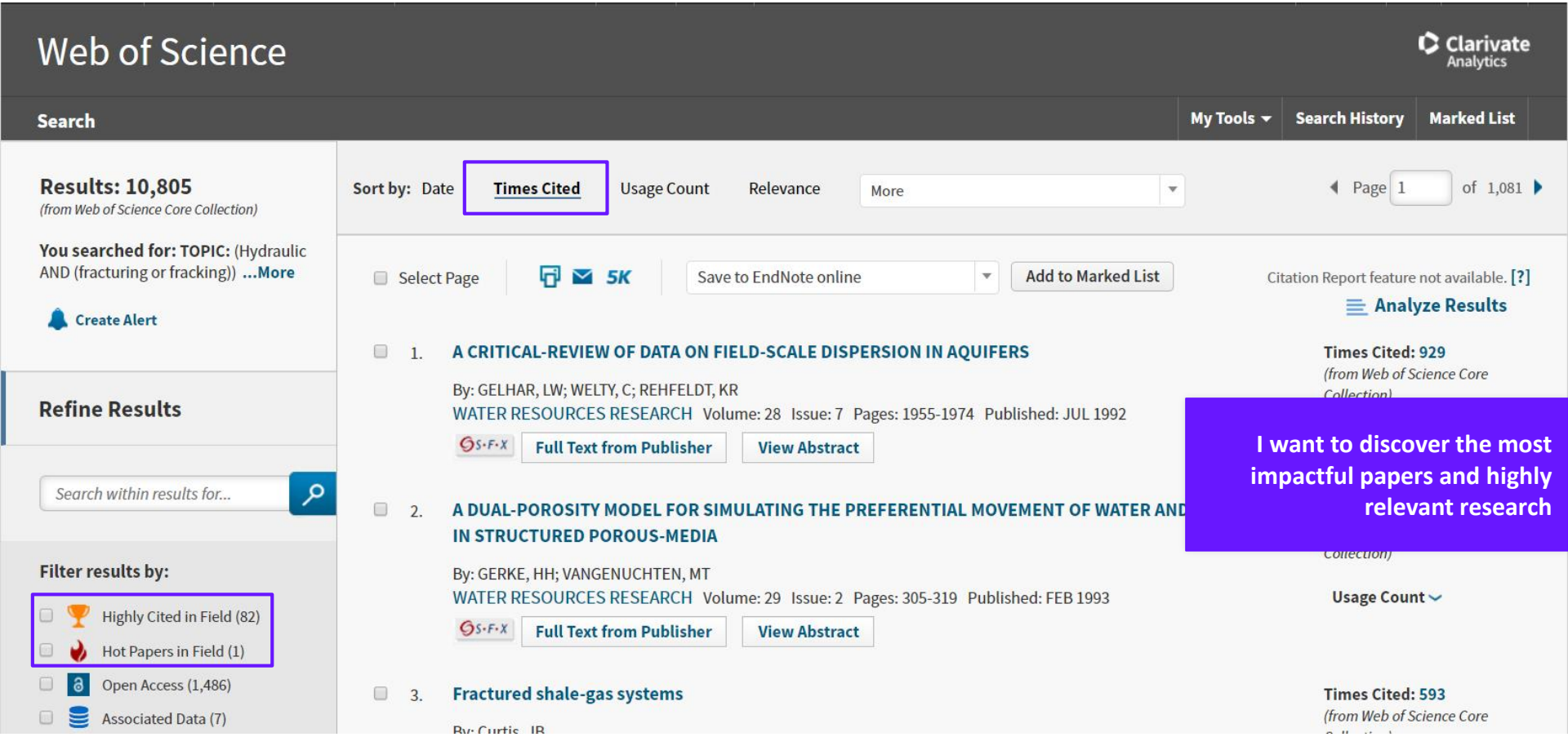
# Discover the most impactful research using Citations Counts




I want to discover the most impactful papers and highly relevant research

# Uncover Trends: Is this topic current ?

**Total Publications**
8,870

***h*-index**
115

**Average citations per item**
13.8

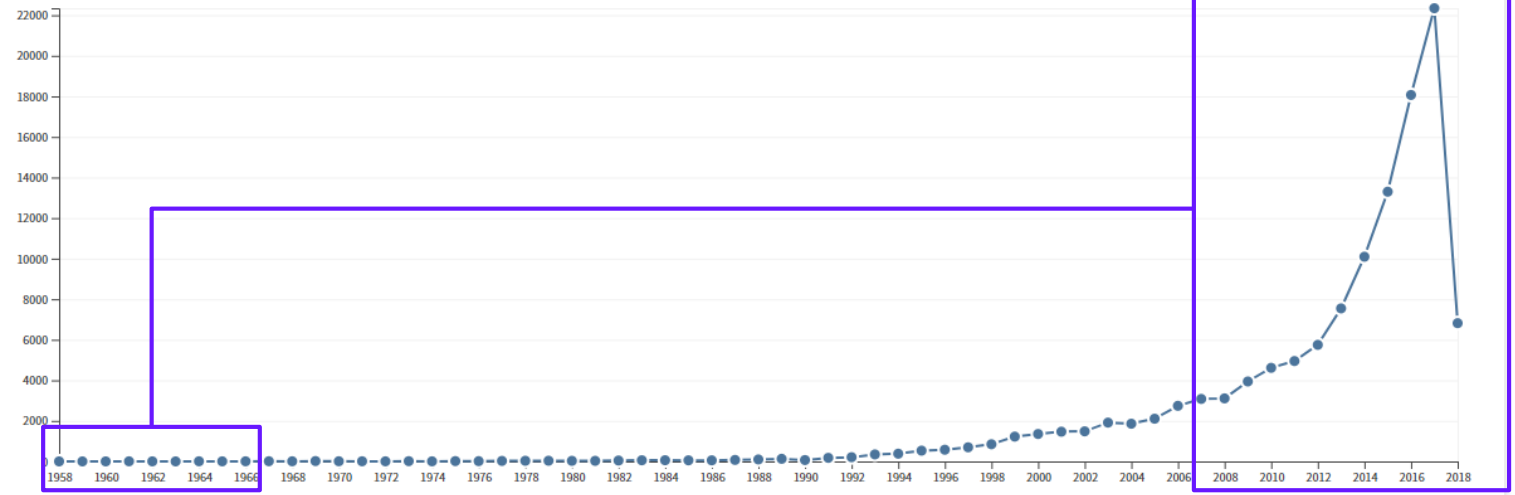
**Sum of Times Cited**
122,446

**Without self citations**
87,013

**Citing articles**
59,920

**Without self citations**
53,871

**Sum of Times Cited per Year**




vate
ics

# Am I obtaining the full picture of this topic with my Key Word search?

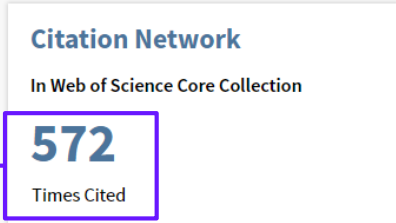
## MECHANICS OF HYDRAULIC FRACTURING

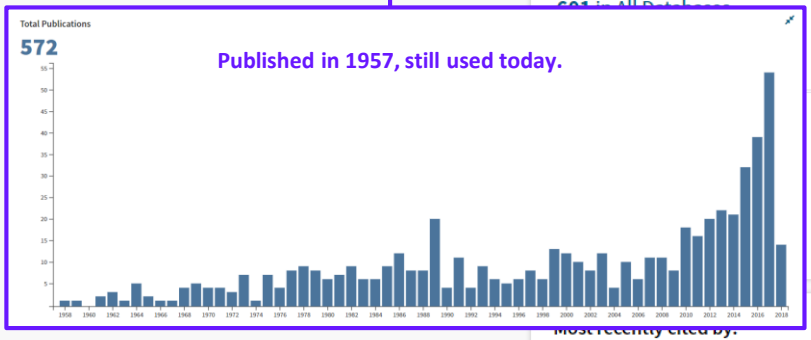
**By:** HUBBERT, MK (HUBBERT, MK); WILLIS, DG (WILLIS, DG)

**TRANSACTIONS OF THE AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS**
**Volume:** 210 **Issue:** 6 **Pages:** 153-163
**Published:** 1957
**Document Type:** Article

Not all Cited References contain the main keywords

**Cited References in Web of Science Core Collection:** 23

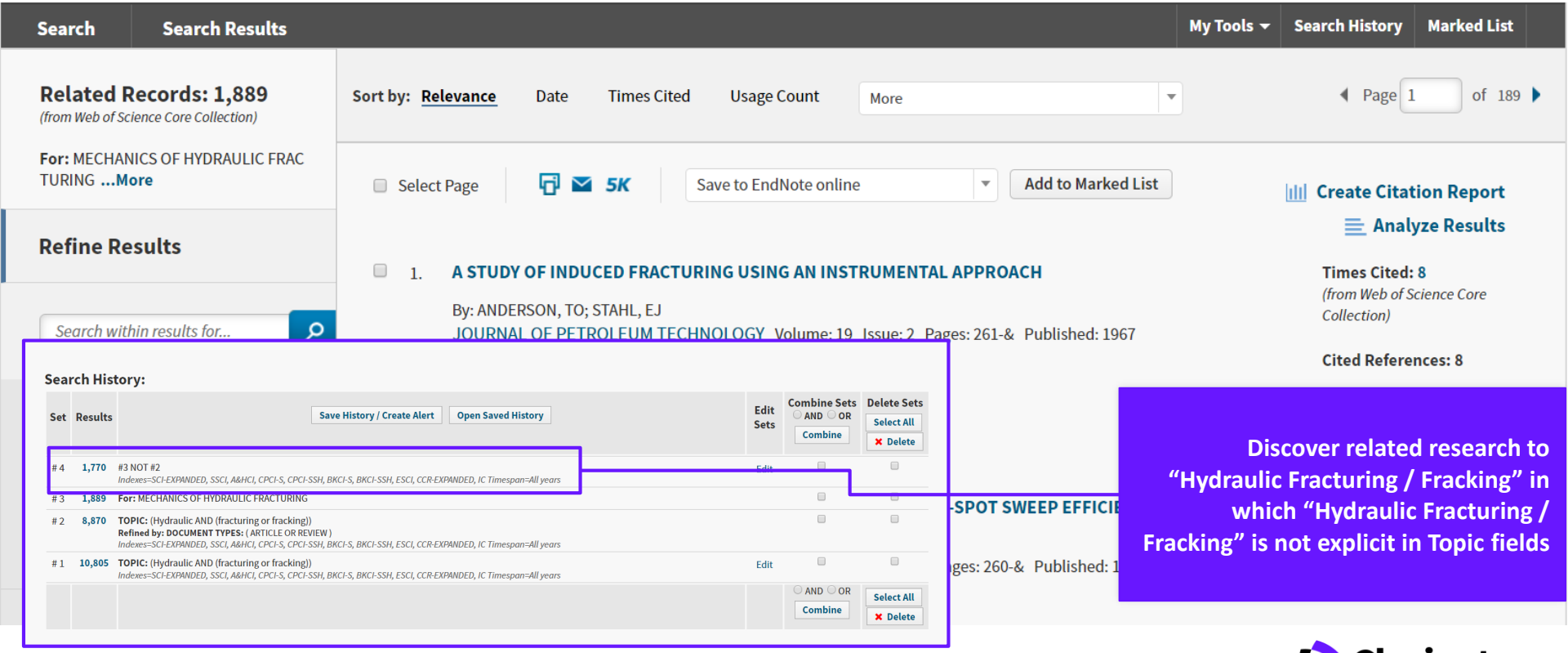



Published in 1957, still used today.

- **Cited References** can be used to better understand the development of a topic.
- **Direct access to previous research** that has influenced subsequent research

# Am I obtaining the full picture of this topic with my Key Word search?

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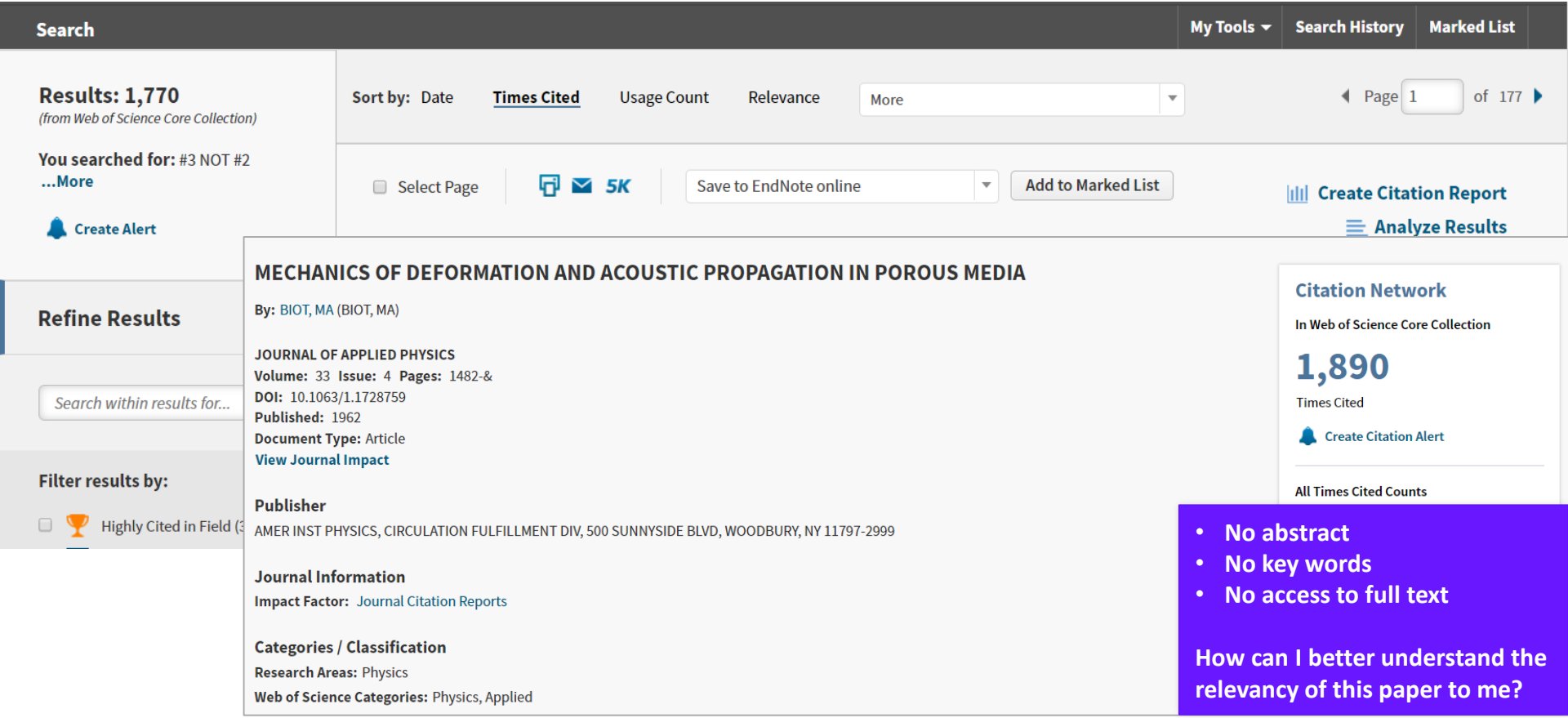
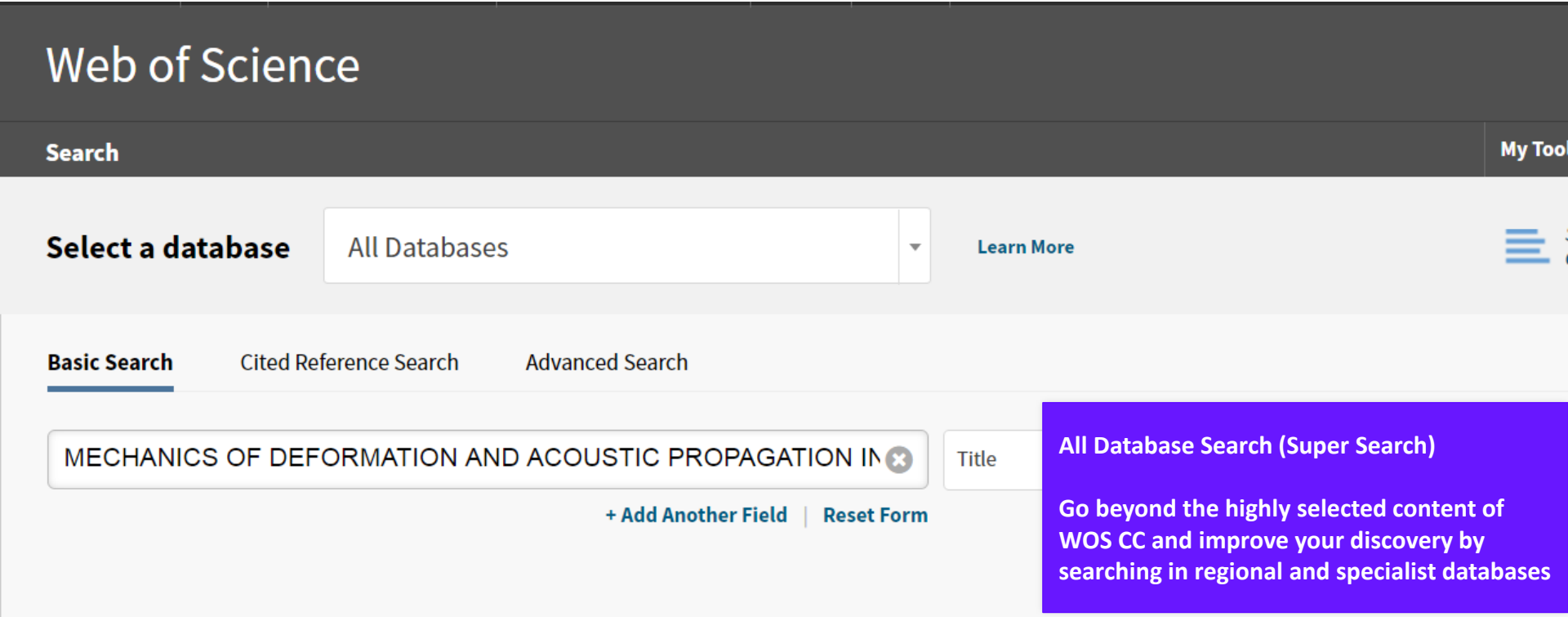
# Is this research relevant to me?




- No abstract
- No key words
- No access to full text

**How can I better understand the relevancy of this paper to me?**

## Use All Databases and Create a Super Record




**All Database Search (Super Search)**

**Go beyond the highly selected content of WOS CC and improve your discovery by searching in regional and specialist databases**

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# Add layers

**MECHANICS OF DEFORMATION AND ACOUSTIC PROPAGATIO**

**By:** BIOT, MA (BIOT, MA)

**JOURNAL OF APPLIED PHYSICS**
**Volume:** 33 **Issue:** 4 **Pages:** 1482-&
**DOI:** 10.1063/1.1728759
**Published:** 1962
**Document Type:** Article
View Journal Impact

**Publisher**
AMER INST PHYSICS, CIRCULATION FULFILLMENT DIV, 500 SUNNYSIDE BLVD, WOODBURY NY 1

**Journal Information**
**Impact Factor:** Journal Citation Reports

**Categories / Classification**
**Research Areas:** Physics

**Add layers of specialist controlled indexing to reveal key themes and improve relevancy**

**Each specialist database provides enhanced indexing added by experts**

## Mechanics of deformation and acoustic propagation in porous media

**By:** Biot, M.A.

**Journal of Applied Physics**
**Volume:** 33 **Issue:** 4 **Pages:** 1482-1498 **Abstract Number:** A1962-10748
**DOI:** 10.1063/1.1728759
**Published:** 04 1962
**Document Type:** Journal Paper

**Abstract**
A unified treatment of the mechanics of deformation and acoustic propagation in porous media is presented, and some new results and generalizations are derived. the writer's earlier theory of deformation of porous media derived from general principles of nonequilibrium thermodynamics is applied. the fluid-solid medium is treated as a complex physical-chemical system with resultant relaxation and viscoelastic properties of a very general nature. specific relaxation models are discussed, and the general applicability of a correspondence principle is further emphasized. the theory of acoustic propagation is extended to include anisotropic media, solid dissipation, and other relaxation effects. some typical examples of sources of dissipation other than fluid viscosity are considered.

**Categories / Classification**
**Research Areas:** Materials Science; Physics; Mechanics (provided by Clarivate Analytics)
**Classification Code(s):** A8140 Treatment of materials and its effects on microstructures and properties; A6220 Mechanical properties of solids (related to microscopic structure)
**Controlled Indexing:** acoustic wave propagation; plastic deformation; porosity

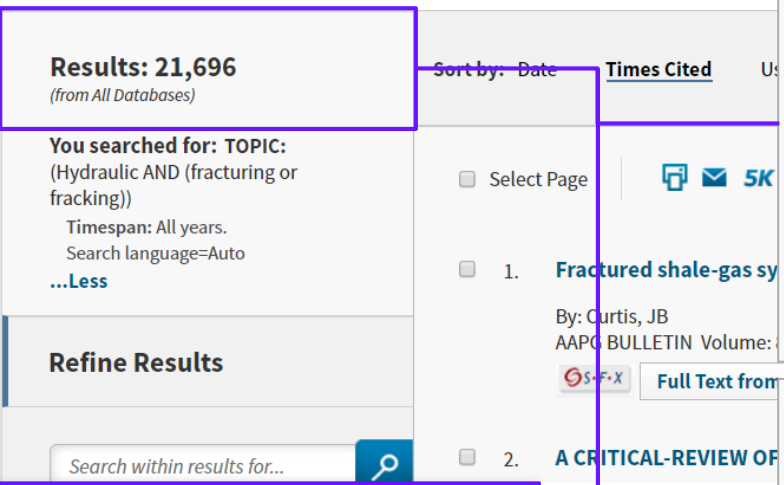
**Document Information**
**Language:** English
**Accession Number:** INSPEC:1962A10748
**Country/Region of Translation:** USA

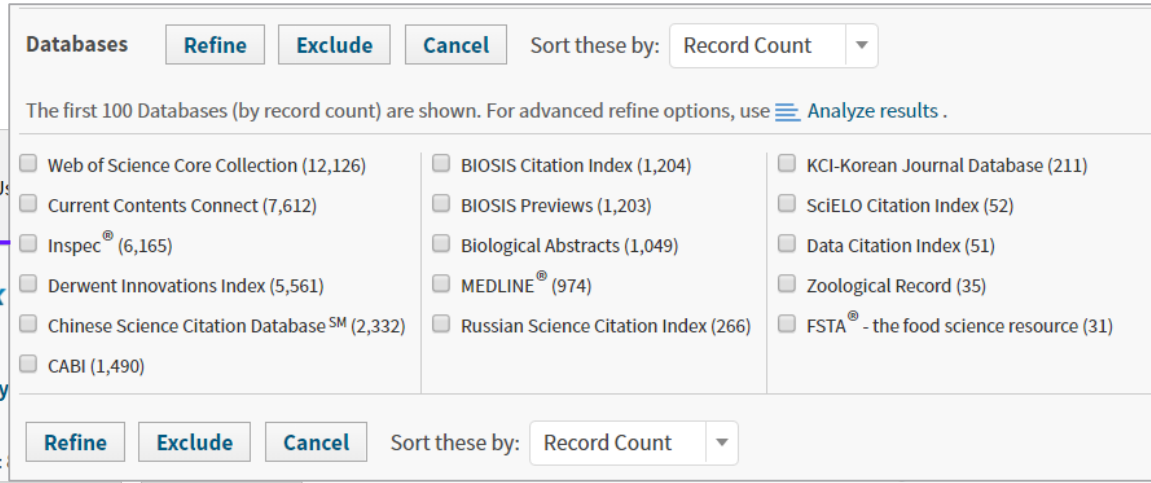
This record is from:
Web of Science Core Collection

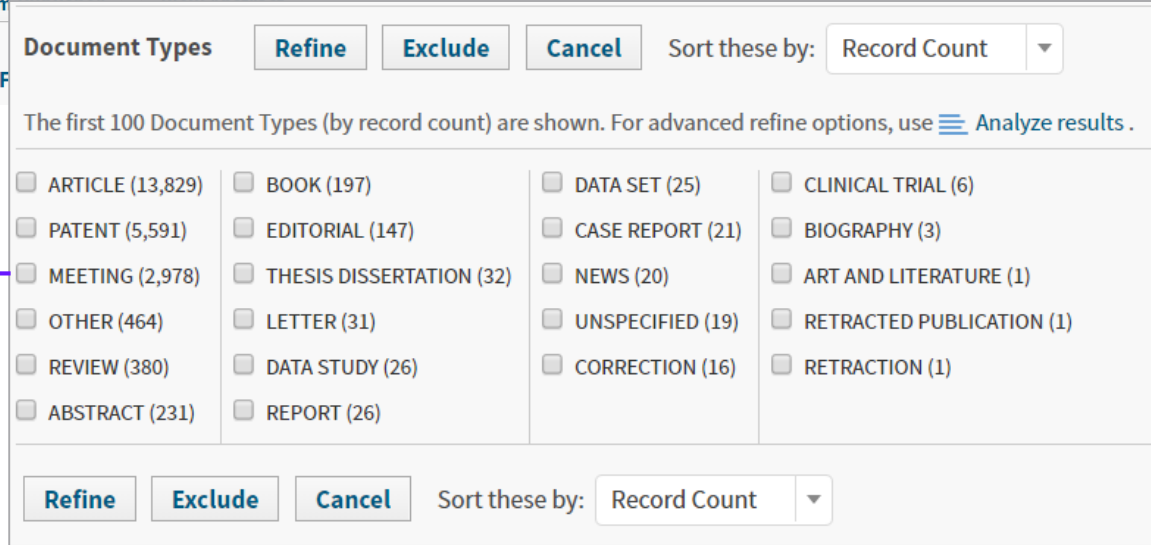
View Record in Other Databases:
View engineering data (in Inspec®)

Clarivate Analytics

# Go Beyond Journal Article



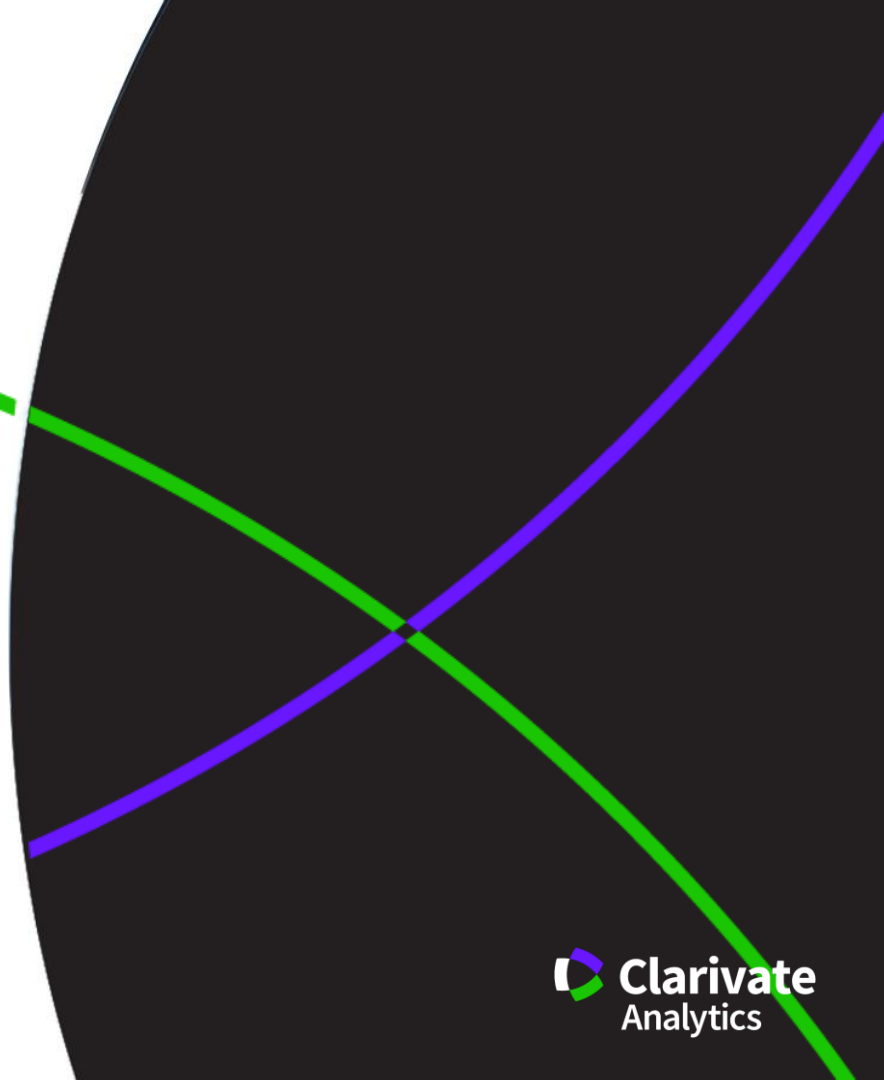




**Go beyond the journal article- consider other literature types**

- **Patents?**
- **Data sets?**
- **Case reports?**

**Each specialist database collects all relevant literature to cover adequately the subject focus of the database.**

# Emerging Sources Citation Index



Science Citation Index

SciSearch

Journal Citation Reports

Custom citation projects & national indicators (mainframe)

Web of Science

Century of Science

InCites

Book Citation Index

Emerging Sources Citation Index

1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015

Social Sciences Citation Index

Arts & Humanities Citation Index

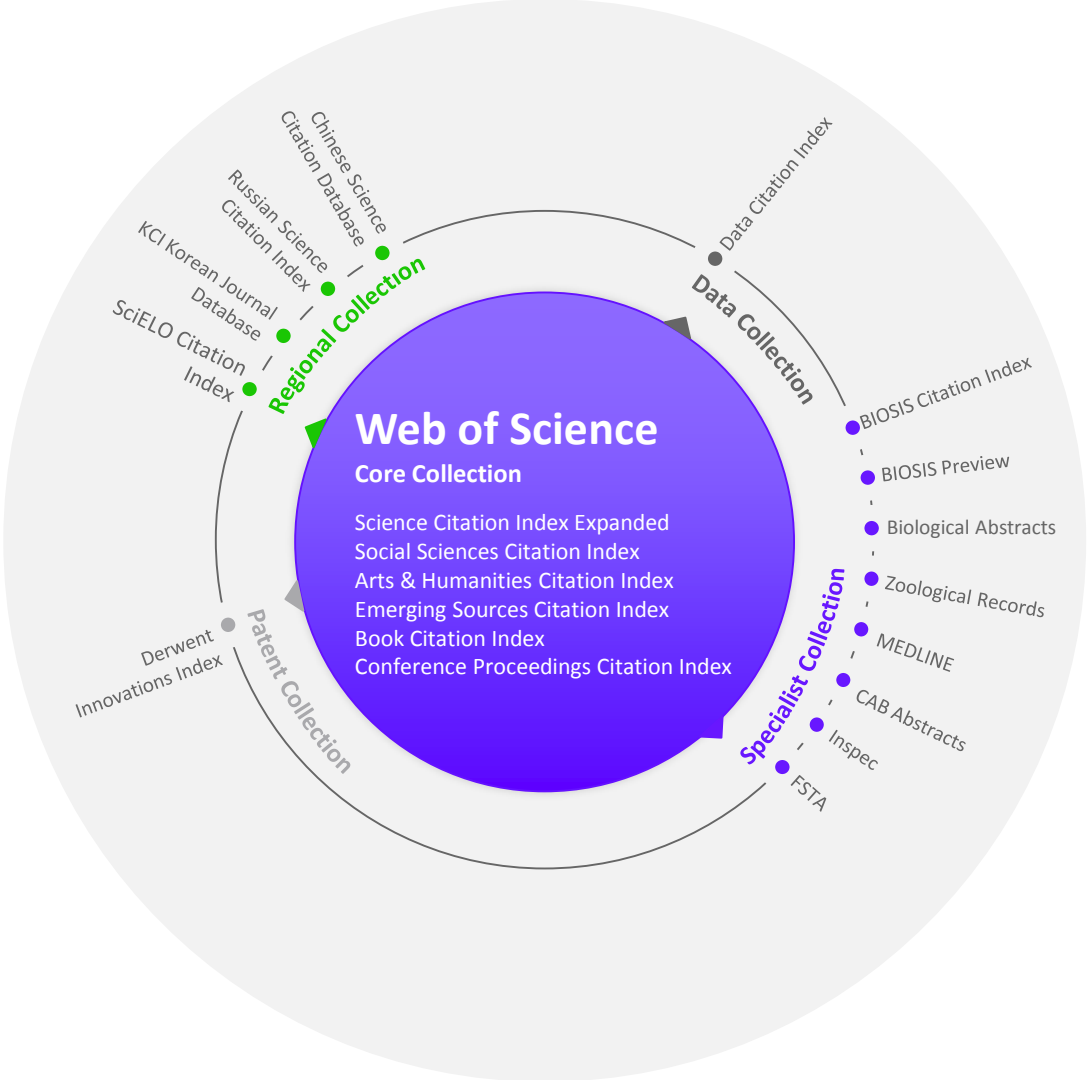
PC-based citation sets and indicators for journals, nations, and institutions

Essential Science Indicators

Century of Social Science

Change to Clarivate Analytics

Clarivate Analytics




**34,000+ unique journals**

**149 MILLION** unique records

in a network of more than

**1.5 BILLION** cited references

Clarivate Analytics

# Emerging Sources Citation Index (ESCI) benefits the academic research ecosystem

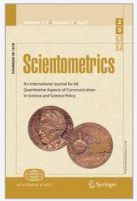
Launched in 2015
+7,300 journals

Scientific, Social Science &Humanities trends and developments

Journals selected & reviewed by our Editorial Team

Journals identified as important to key opinion leaders, funders & evaluators worldwide

WEB OF SCIENCE
EMERGING SOURCES CITATION INDEX
INDEXED




***"ESCI has a positive effect on research assessment and it accelerates communication in the scientific community."***

Early Insight on the ESCI: an overlay map-based bibliometric study
**Scientometrics, March 18 2017**

Taylor & Francis

***"Indexing in the ESCI will improve the visibility of a journal, provides a mark of quality, and is good for authors. We have already seen examples of institutions and funders suggesting publication in an ESCI listed journal, similar to what already takes places with other Web of Science databases."***

James Hardcastle, Senior Manager, Product Analytics
**Taylor & Francis, February 13 2017**

**included in the Master Journal List** http://mjl.clarivate.com/cgi-bin/jrnlst/jloptions.cgi?PC=EX

Clarivate Analytics

# Web of Science Core Collection journal selection process

## Journal Publishing Standards

- **Peer review**
- **Ethical publishing practices**
- **Meets technical requirements (XML / PDF)**
- **English-language bibliographic information**
- Timeliness of publication
- International editorial conventions

## Editorial Content

- **Scholarly community recommendation or demonstrated interest**
- **Will this journal enrich WoS with novel content?**
- How does this journal compare with covered journals of similar scope?
- Is this subject already well covered?

## International Diversity

- Does this journal target an international audience or specifically a regional audience?
- Is international representation among authors and board members at an appropriate level for such a journal**?**

## Citation Analysis

- Total citations
- Recent citation activity
- Author and editorial board members' citations in the literature
- Integration of the journal into the literature over time

**Green = ESCI selection requirements**

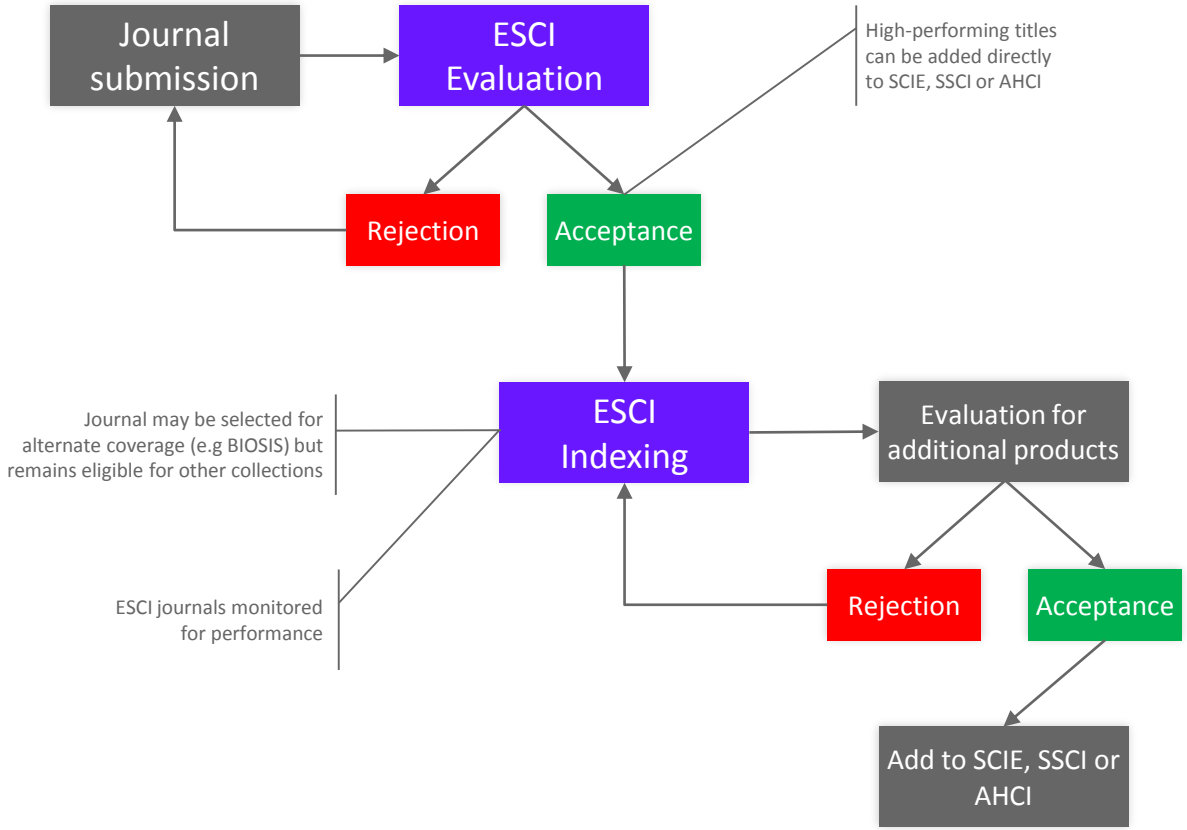
**Black = SCIE/SSCI/AHCI selection**

**Makes our rigorous selection criteria**
**more transparent by exposing content earlier in the selection process**

Clarivate Analytics

http://wokinfo.com/essays/journal-selection-process/

## Continuous content curation




## SELECTIVITY in 2017

**211 ESCI Titles from ESCI to WOS-3**

**21 WOS-3 Titles from WOS-3 to ESCI**

QUALITY
WEB OF SCIENCE
EMERGING SOURCES CITATION INDEX
INDEXED
QUANTITY

**Geographic Coverage**

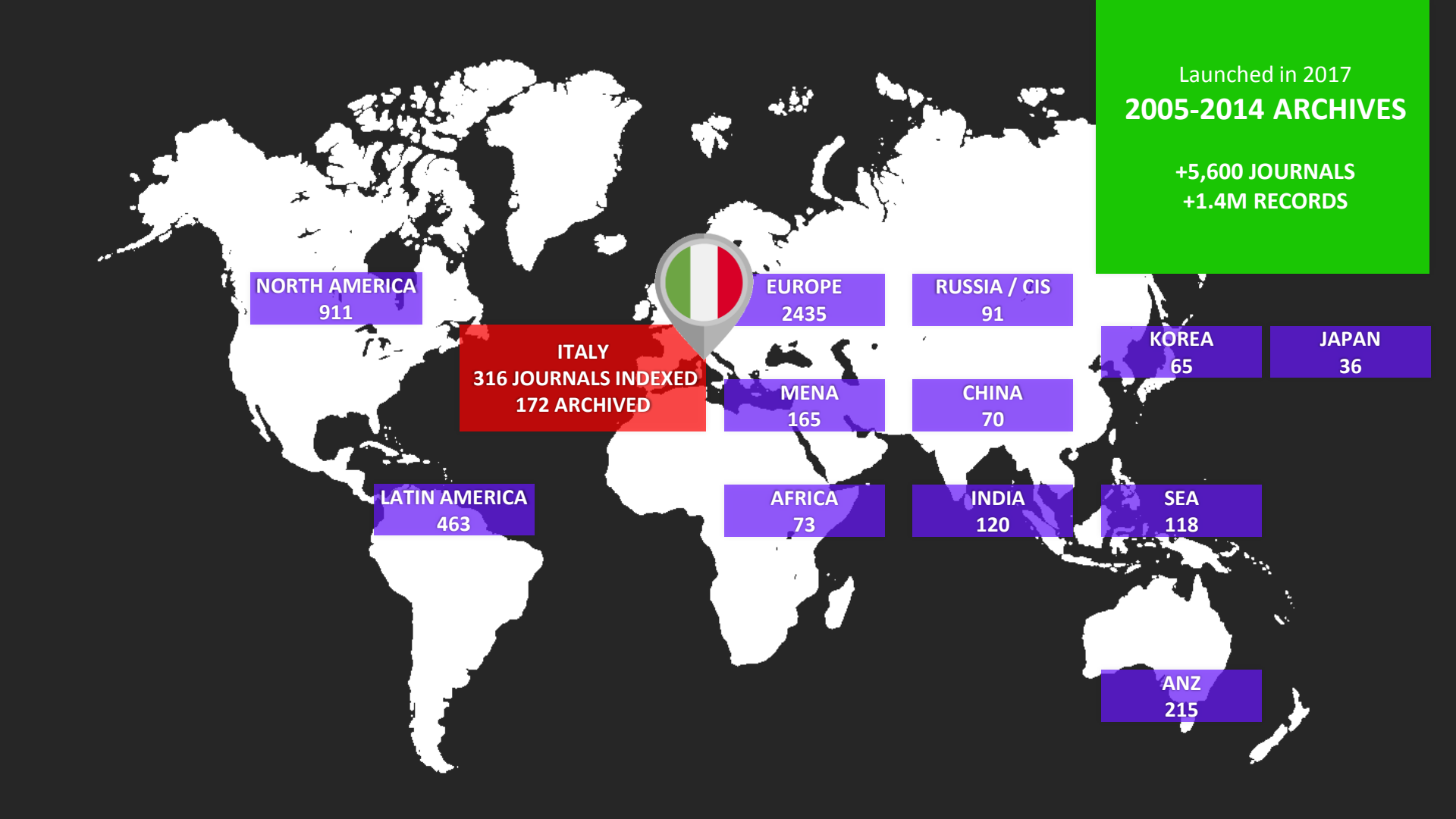
- 49% indexed journals are coming from Europe (19% from North America)

**Research Area Coverage**

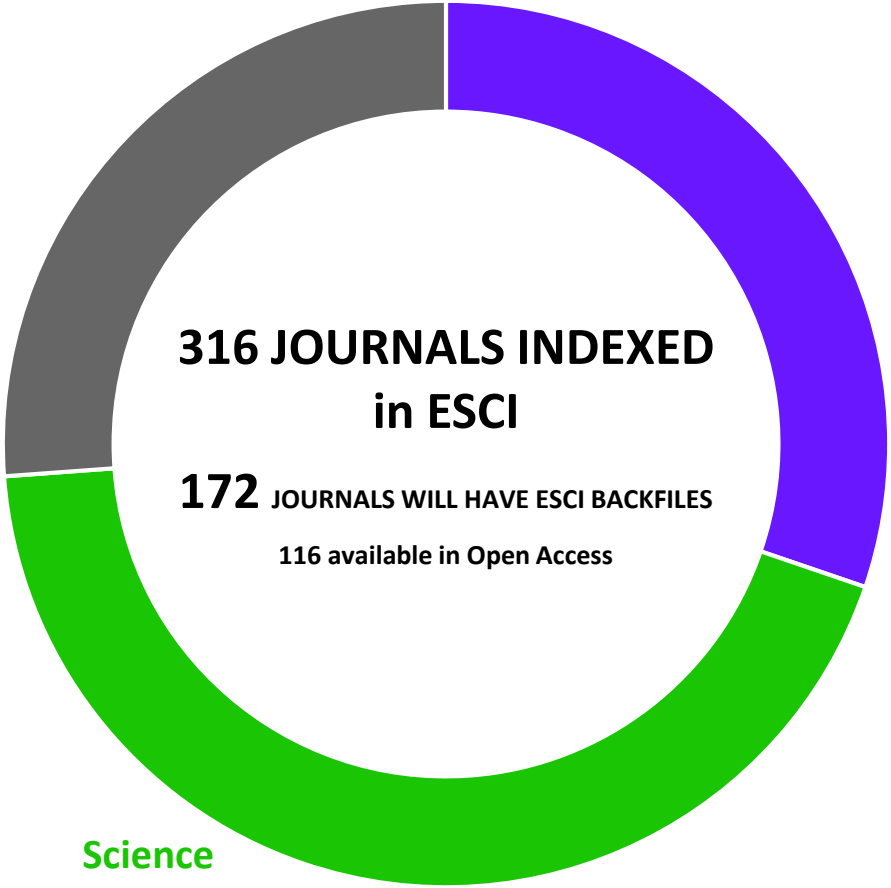
- 39% indexed journals are in Social Sciences (24% Arts & Humanities)

- 39% indexed journals are Gold Open Access
- 20% of ESCI content is Open Access
- 12% of ESCI content contains funding data

- 46% indexed journals are not covered by main competitor


Launched in 2017
2005-2014 ARCHIVES
+5,600 JOURNALS
+1.4M RECORDS
NORTH AMERICA
911
EUROPE
2435
RUSSIA / CIS
91
KOREA
65
JAPAN
36
ITALY
316 JOURNALS INDEXED
172 ARCHIVED
MENA
165
CHINA
70
LATIN AMERICA
463
AFRICA
73
INDIA
120
SEA
118
ANZ
215

## 10-year archive | Italy

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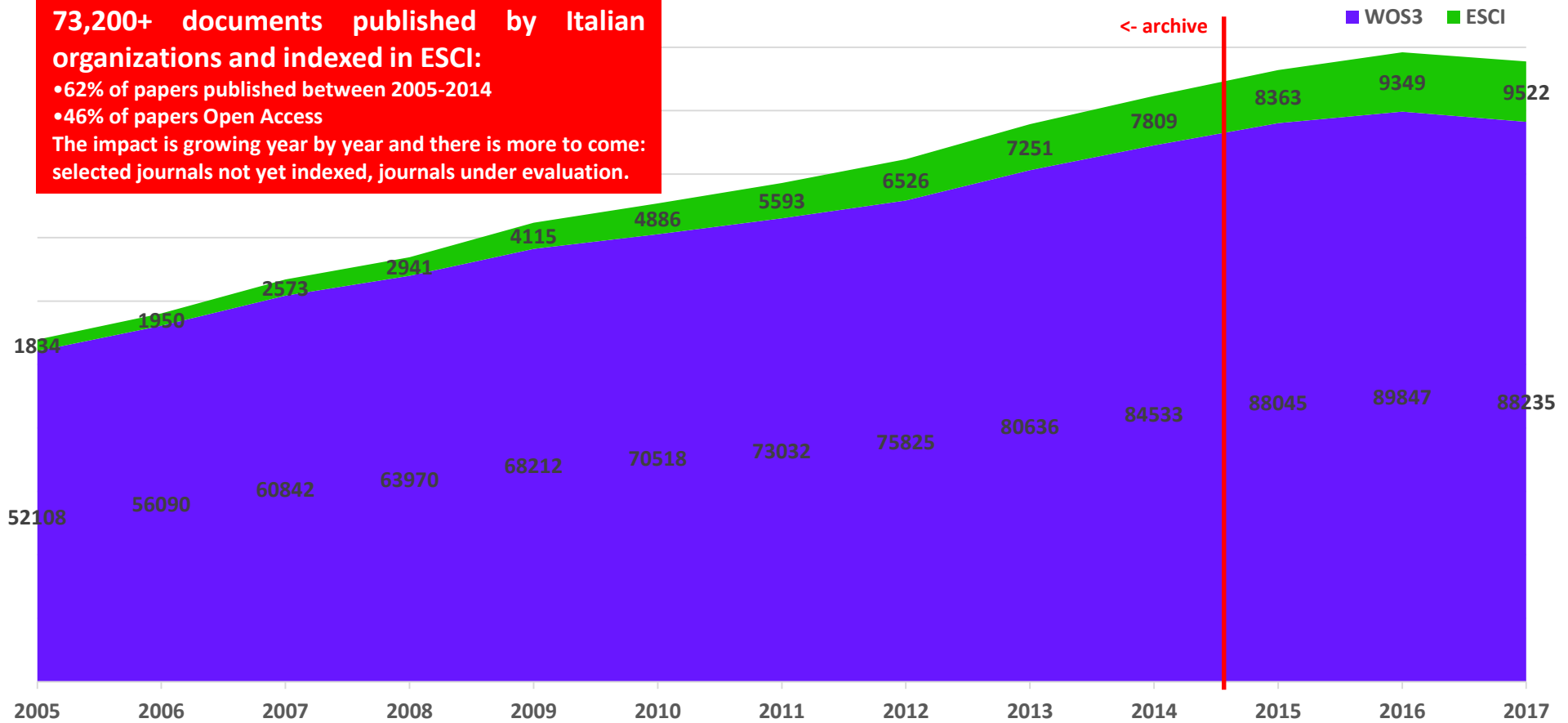
# 10-year archive | Italy

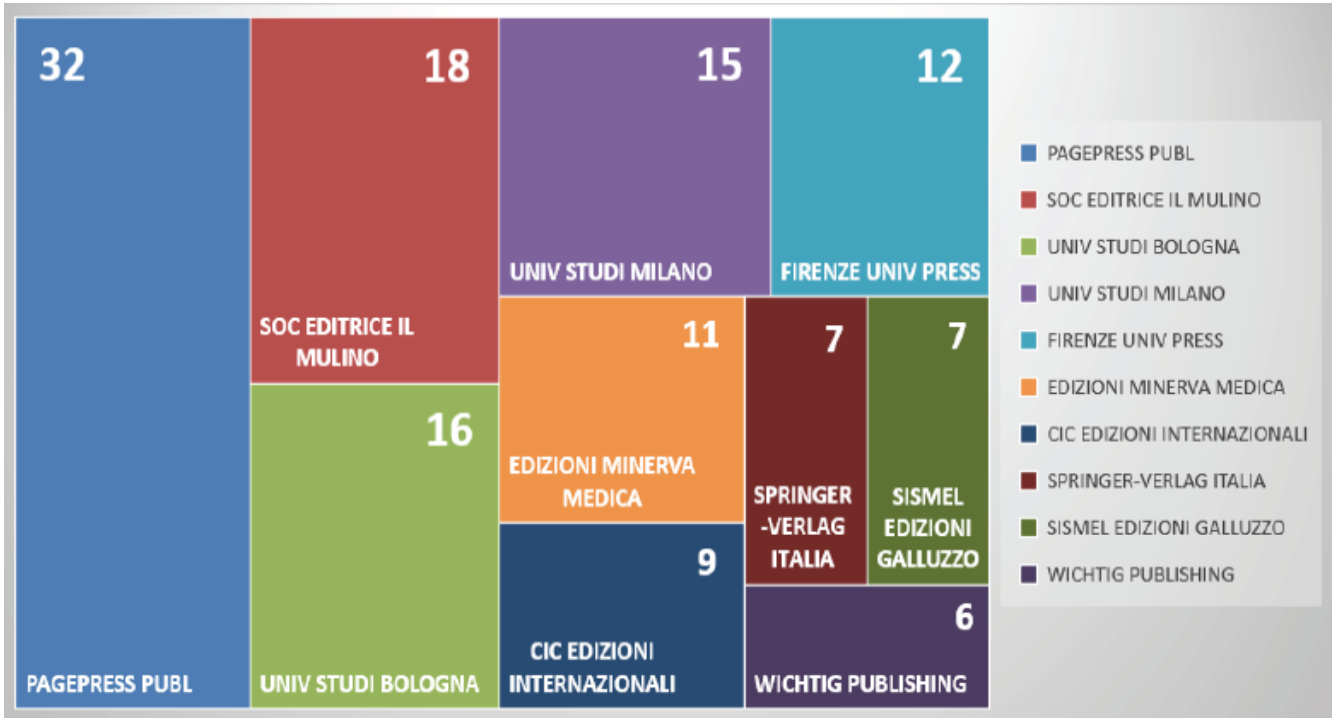
**73,200+ documents published by Italian organizations and indexed in ESCI:**

- **62% of papers published between 2005-2014**
- **46% of papers Open Access**

**The impact is growing year by year and there is more to come: selected journals not yet indexed, journals under evaluation.**



# 10-year archive | Italy

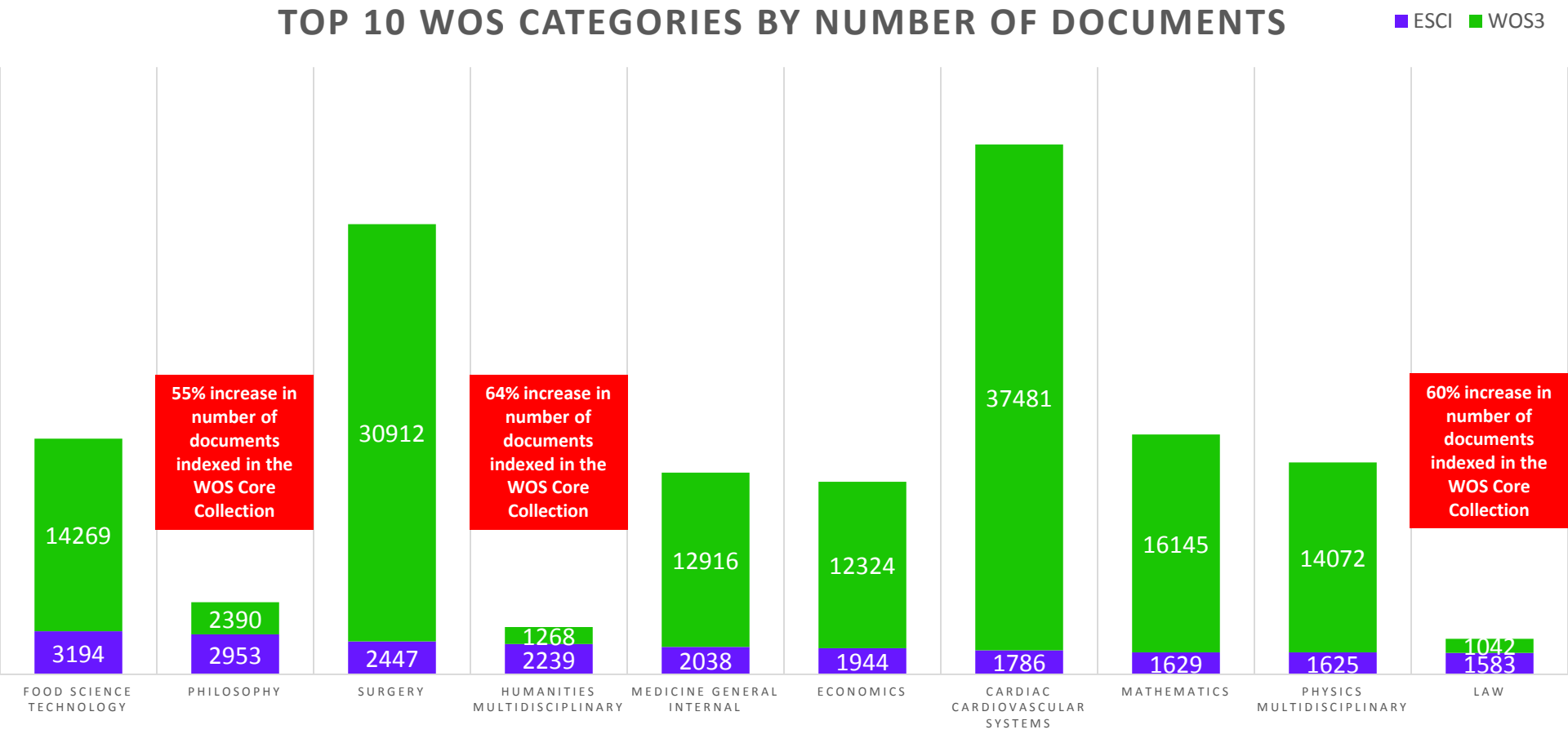



## ESCI TITLES BY ITALIAN PUBLISHERS

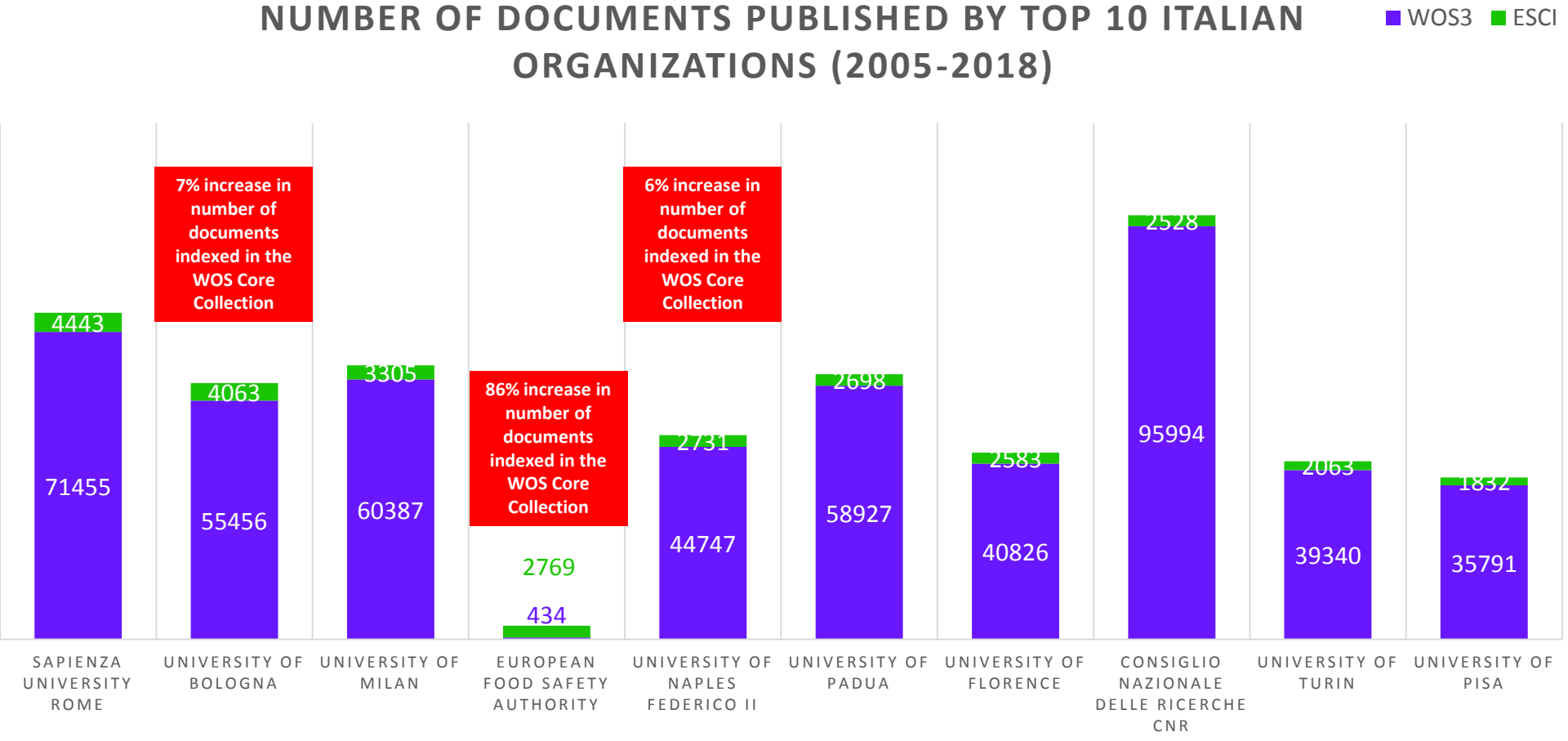
**ESCI shows a very relevant presence of University Press titles**

Clarivate Analytics

# 10-year archive | Italy



# 10-year archive | Italy



# 10-year archive | Italy

UNIVERSITÀ DEGLI STUDI FIRENZE

**+104% in Philosophy (154 to 315)**

ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA

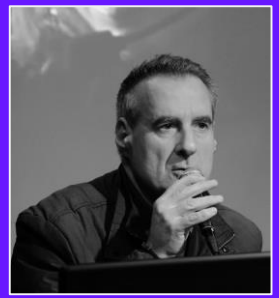
**+175% in Law (99 to 173)**

UNIVERSITÀ DEGLI STUDI DI MESSINA

**+23% in Mathematics (547 to 672)**

Clarivate Analytics

# 10-year archive | Italy



## Prof. Ubaldo Fadini

**Università degli Studi di Firenze**

H-index 21 to H-index 22
From 6 to 32 papers in PHILOSOPHY

## Prof. Stefano Negrini

**Università degli Studi di Brescia**

H-index 19 to H-index 24
From 185 to 232 papers

## Prof. Pier Sandro Cocconcelli

**Università Cattolica del Sacro Cuore**

H-index 30 to H-index 33
From 36 to 463 papers in FOOD SCIENCE TECHNOLOGY

## Prof. Dionigi Gianlorenzo

**Universita' degli Studi di Messina**

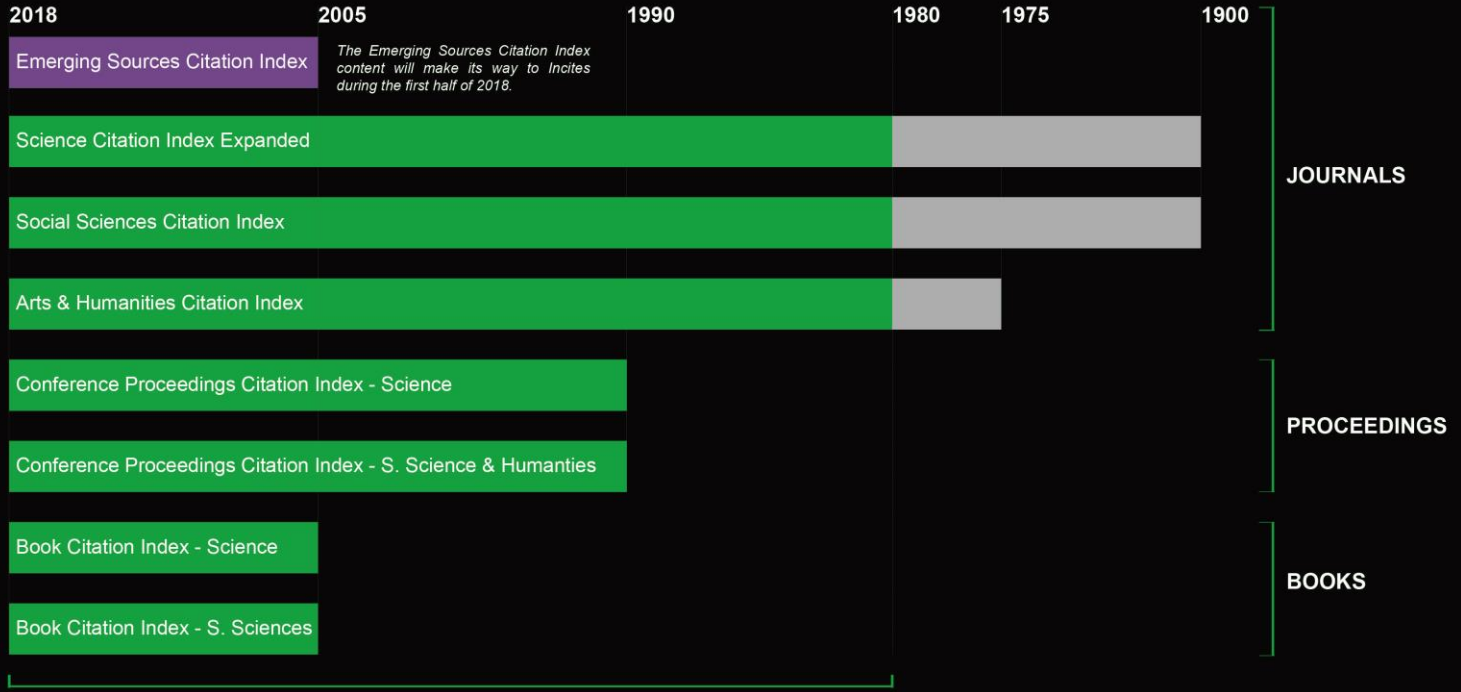
From 119 to 159 papers in SURGERY

vate Analytics

# InCites
# Benchmarking & Analytics

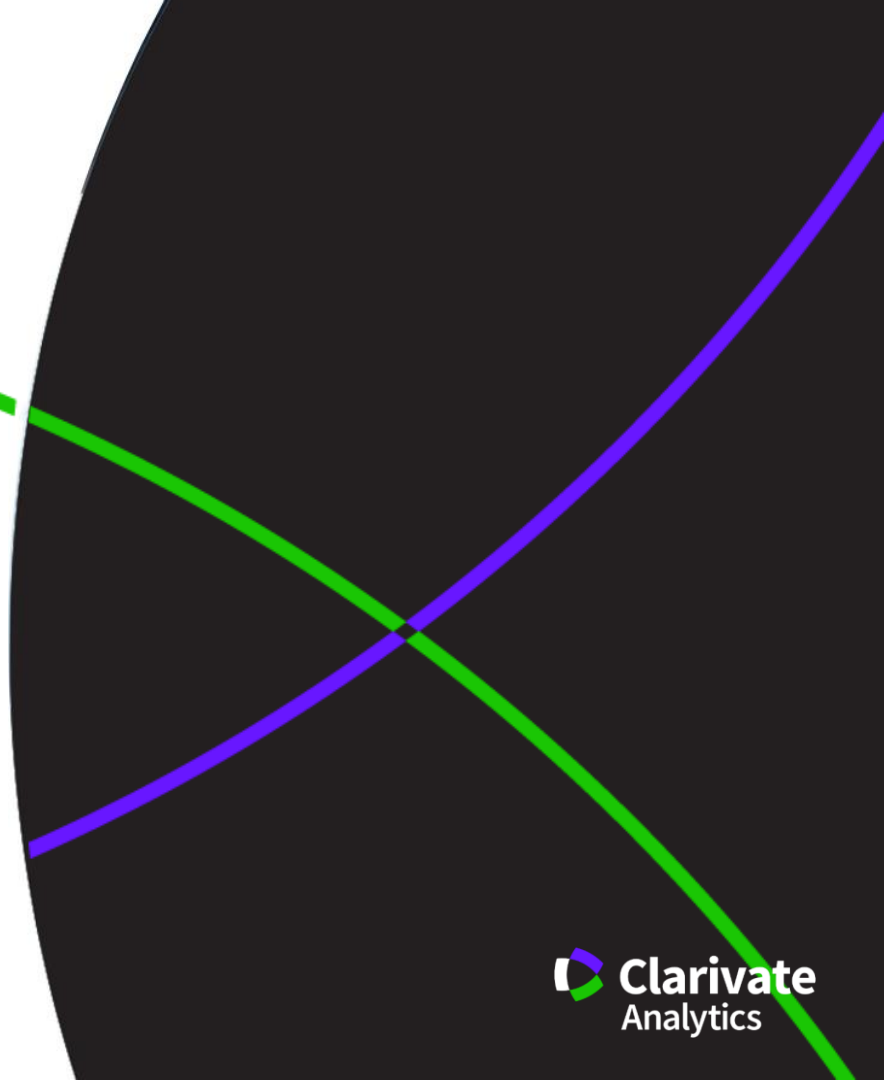
Clarivate Analytics

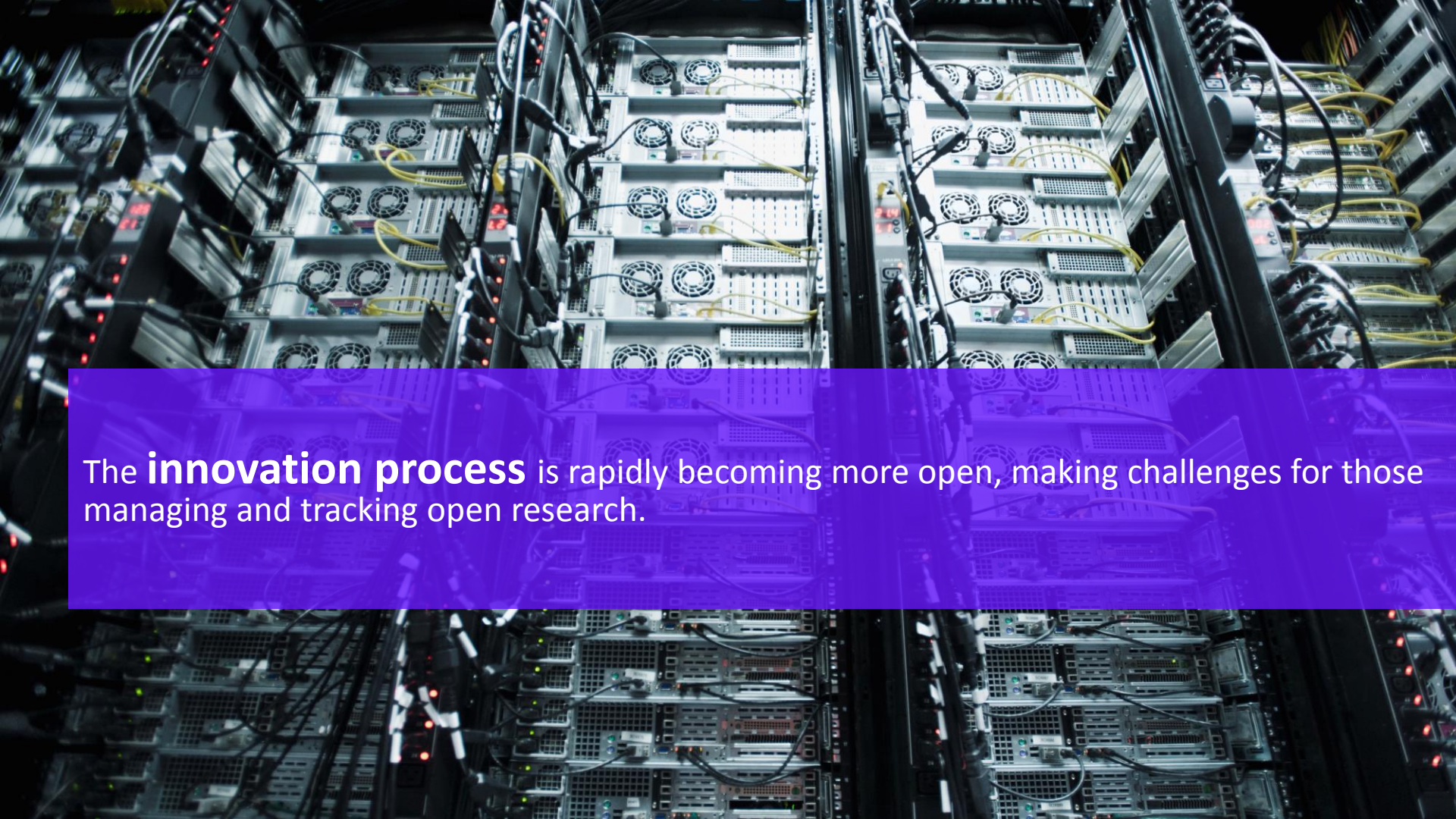
## WEB OF SCIENCE CORE COLLECTION




Web of Science Core Collection content analysed in Incites
(data and metrics updated every month)

# Open Access





The **innovation process** is rapidly becoming more open, making challenges for those managing and tracking open research.

# Public money, public research

Funders require that publically funded research to be accessible to the public to help **advance scientific progress**.

## HORIZON 2020 AND OPEN ACCESS

The European Commission encourages authors to publish articles via immediate open access of the version of record (“gold OA”). Authors are also required to make articles available via self-archiving (“green OA”) regardless of OA publication.

## MESSINA OPEN ACCESS DECLARATION (2004)

Messina Open Access Declaration issued in 2004, a group of Italian universities endorsed the 2003 Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities.

## PRIVATE GRANT FUNDING

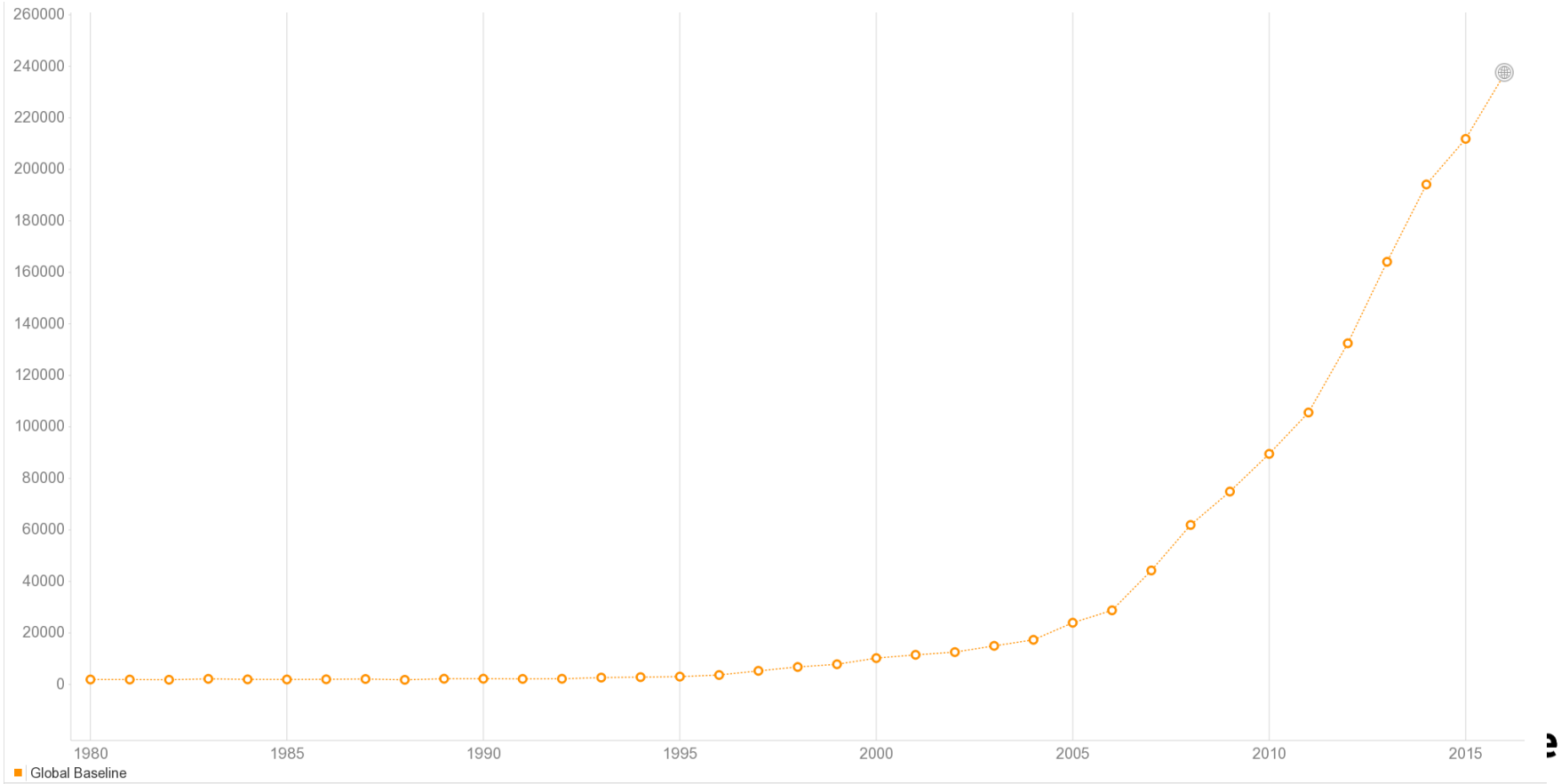
Bill & Melinda Gates Foundation announced it is adopting an Open Access policy for publications and data.

And others…

# Librarians and research managers

**Librarians and research managers** face challenges in both ensuring research is available and reporting on compliance across the myriad of institutional repositories and Open Access journals.

# The evolution of Open Access




**Indicators:** Web of Science Documents. **Location Type:**Country.**Open Access:**Yes.**Time Period:**1980-2016
*InCites dataset updated Nov 18, 2017. Includes Web of Science content indexed through Sep 30, 2017. Export Date: Dec 6, 2017.*

Clarivate Analytics Open Access
Leading Innovation in Open Access discovery and delivery
Web of Science now enables discovery and linking to over 10 million legal, peer-reviewed Open Access publication

## Impactstory Partnership

**Web of Science will provide direct access to additional, legal Open Access content**

**Clarivate Analytics has invested in technology so that you can soon:**

- ✓ **Find Hybrid Gold OA articles when searching the Web of Science**
- ✓ **Find Green OA articles when searching the Web of Science**

**Article-level Open Access** identification will help you **find legally available Green & Hybrid articles in the Web of Science.**

Impactstory

unpaywall

**To develop this capability, we have given a grant to Impactstory**

*The grant funds improvements to Impactstory's Unpaywall technology. We are using Unpaywall to provide* **reliable linking to the best available version of OA content.**

- For Green OA articles, Web of Science will only link to peer-reviewed items from open repositories, NOT "pre-prints." We will identify two types of Green OA articles:
  - Accepted Manuscript
  - Published Version
- For all OA articles, Web of Science will preference links to the publisher's version, when available.

Clarivate Analytics

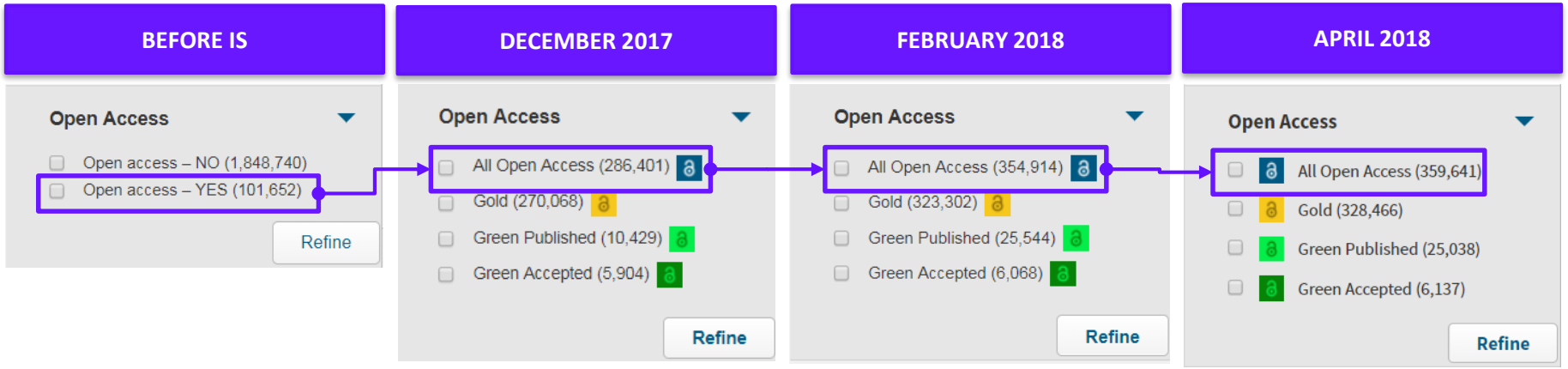
# Open Access in Web of Science means

- Researchers get to more free, trusted full text faster
- Libraries can extend their full text budgets
- 100% peer-reviewed OA
- Filter any search to see OA
- Easily identify what publications are OA

Clarivate Analytics

# Italian Open Access documents indexed in Web of Science Core Collection

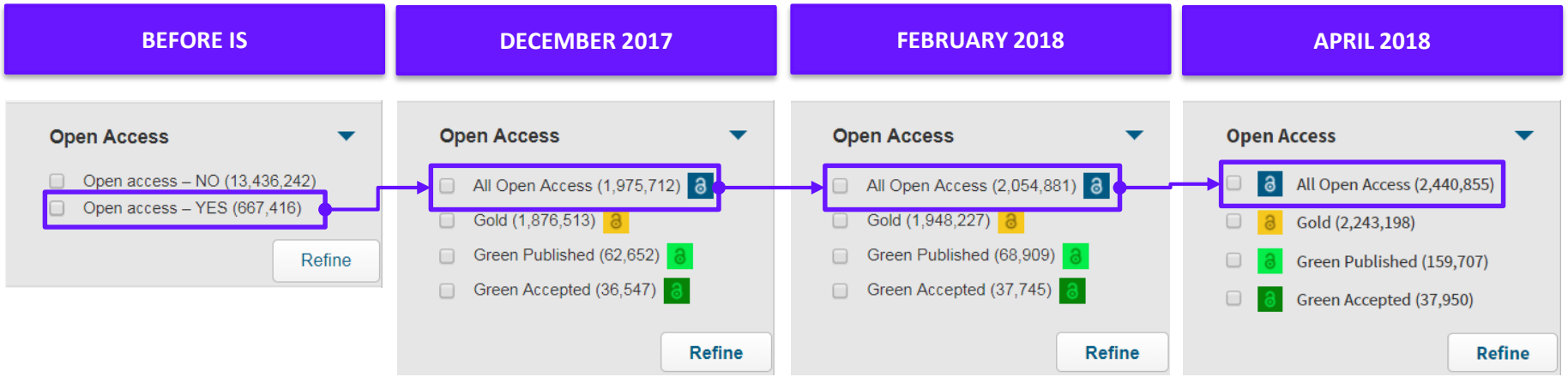
**Timespan:** All years.
**Indexes:** SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.



Clarivate Analytics

# EU-28 OA documents indexed in Web of Science Core Collection

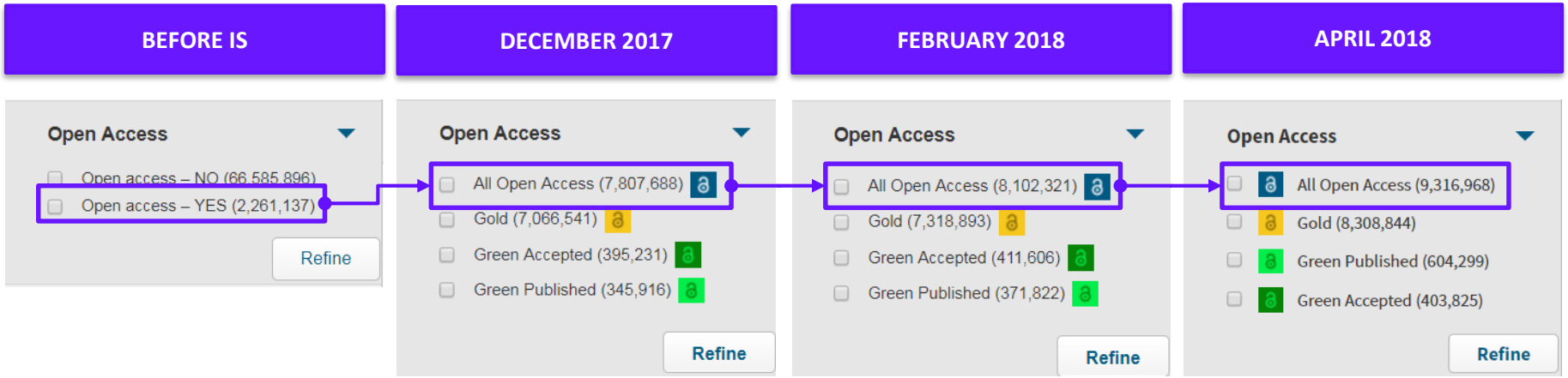
**Timespan:** All years.
**Indexes:** SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.




Clarivate Analytics

# Global OA documents indexed in Web of Science Core Collection

**Timespan:** All years.
**Indexes:** SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.

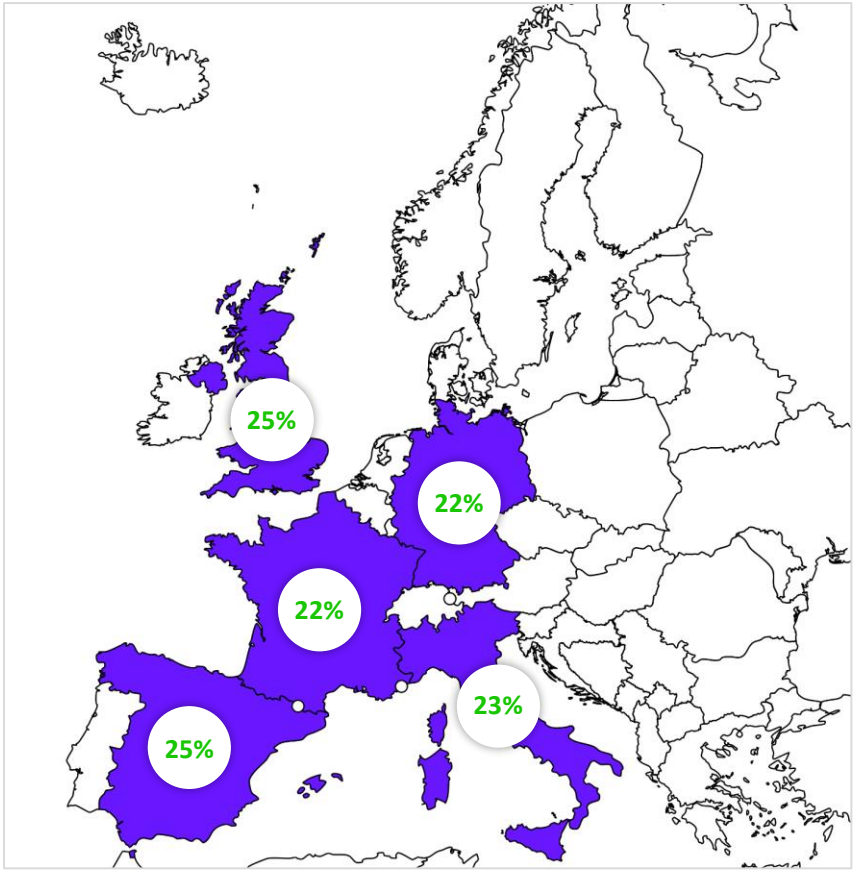


Clarivate Analytics

# Italian Open Access papers

Clarivate
Analytics

# Open Access content in Web of Science: EU-28

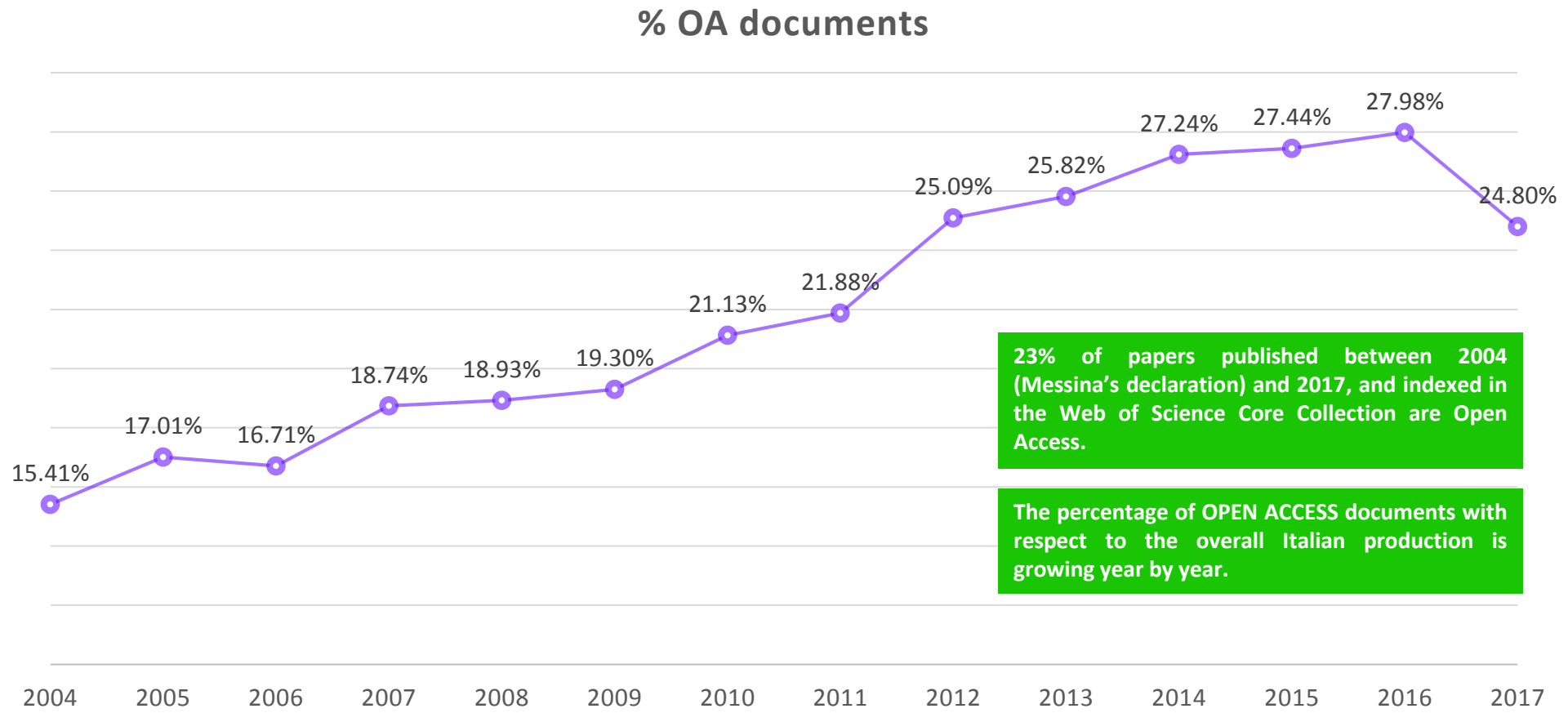


**The Italian Open Access production aligns with the main European countries and with EU-28.**

Clarivate Analytics

Papers published between 2004-2017.

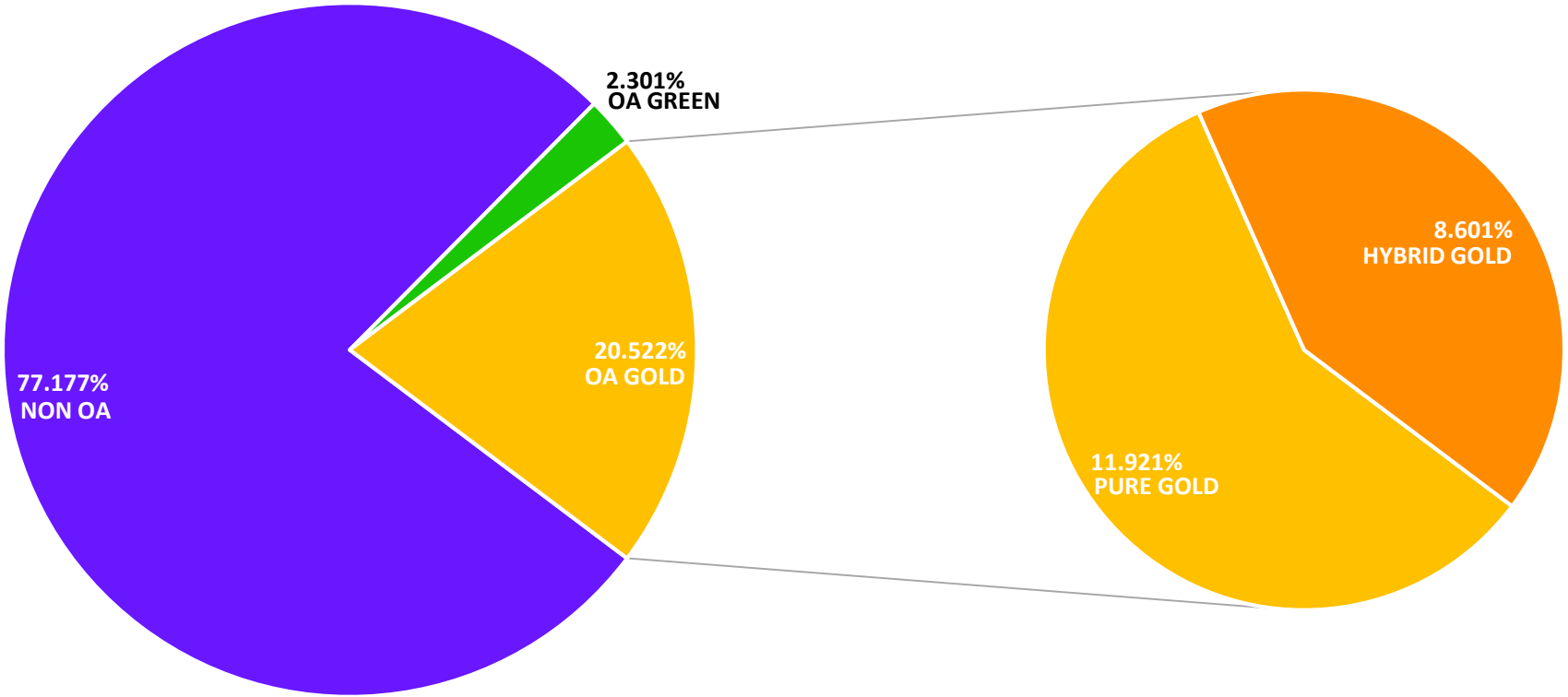
# Open Access content in Web of Science: Italy




**23% of papers published between 2004 (Messina's declaration) and 2017, and indexed in the Web of Science Core Collection are Open Access.**

**The percentage of OPEN ACCESS documents with respect to the overall Italian production is growing year by year.**

# Open Access content in Web of Science: Italy



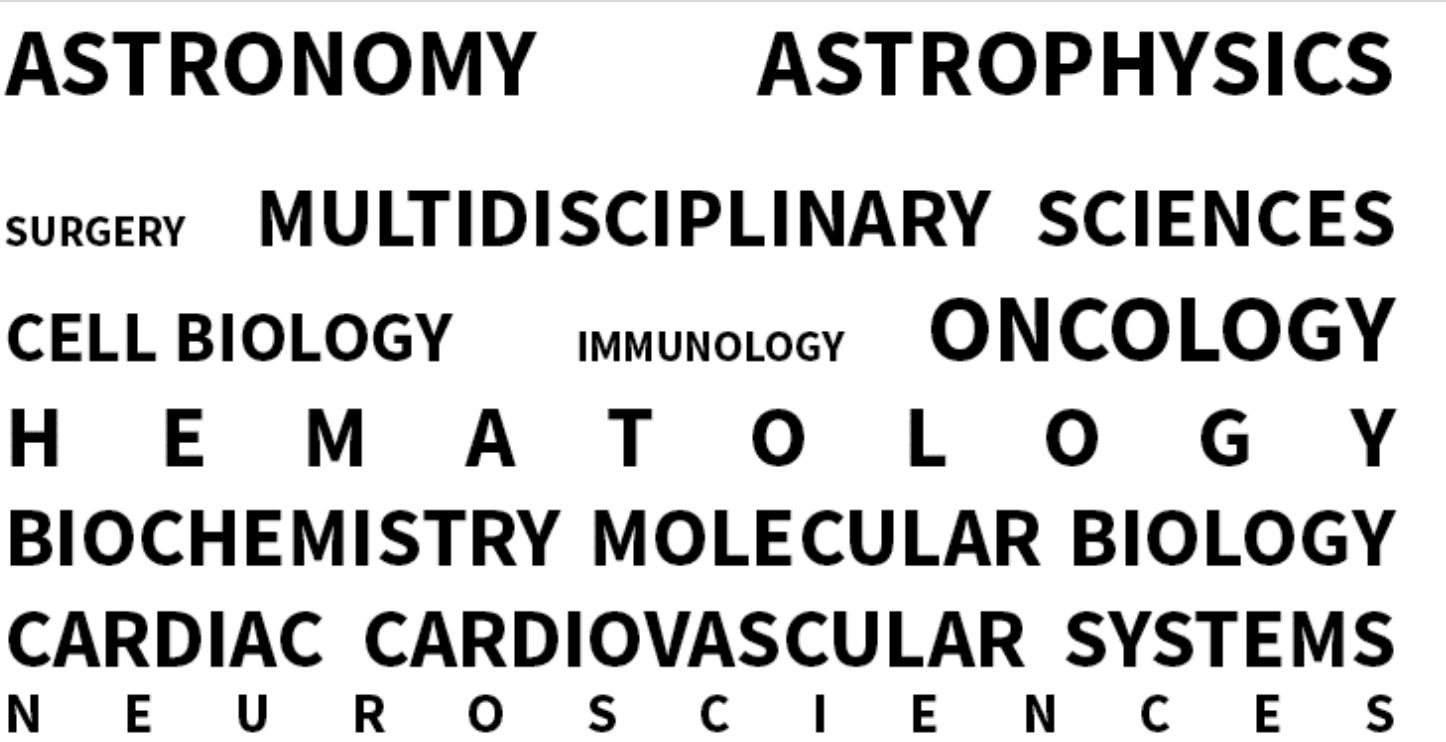

Clarivate Analytics

Papers published between 2004-2017.

# Open Access content in Web of Science: Italy

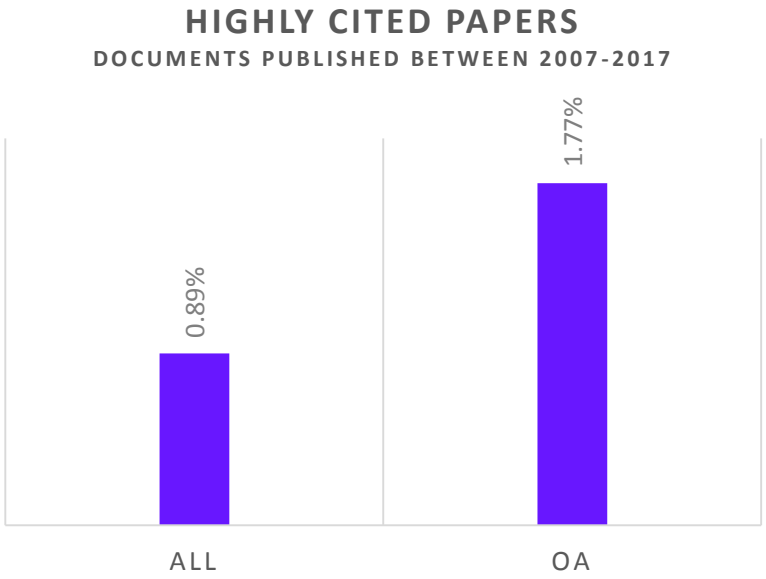
## TOP 10 WOS CATEGORIES BY NUMBER OF OPEN ACCESS PAPERS

1. ASTRONOMY ASTROPHYSICS
2. ONCOLOGY
3. MULTIDISCIPLINARY SCIENCES
4. HEMATOLOGY
5. BIOCHEMISTRY MOLECULAR BIOLOGY
6. CARDIAC CARDIOVASCULAR SYSTEMS
7. CELL BIOLOGY
8. NEUROSCIENCES
9. IMMUNOLOGY
10. SURGERY

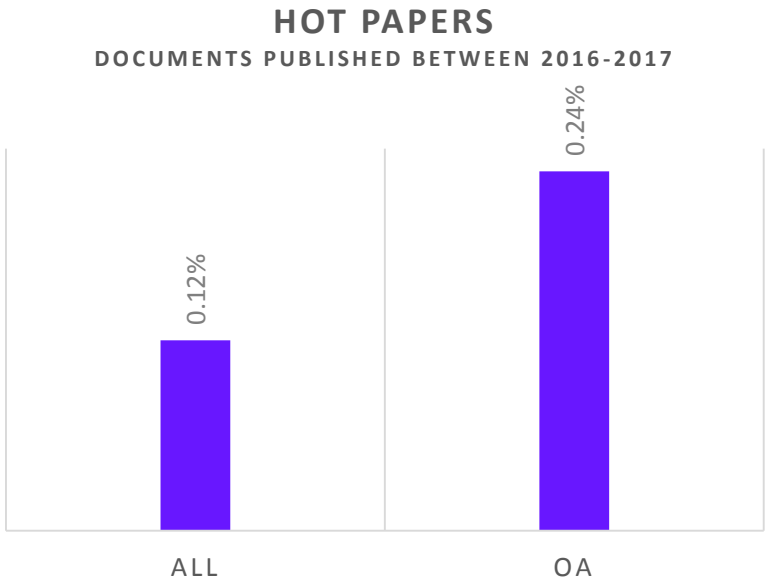



Clarivate Analytics

# Open Access content in Web of Science: Italy



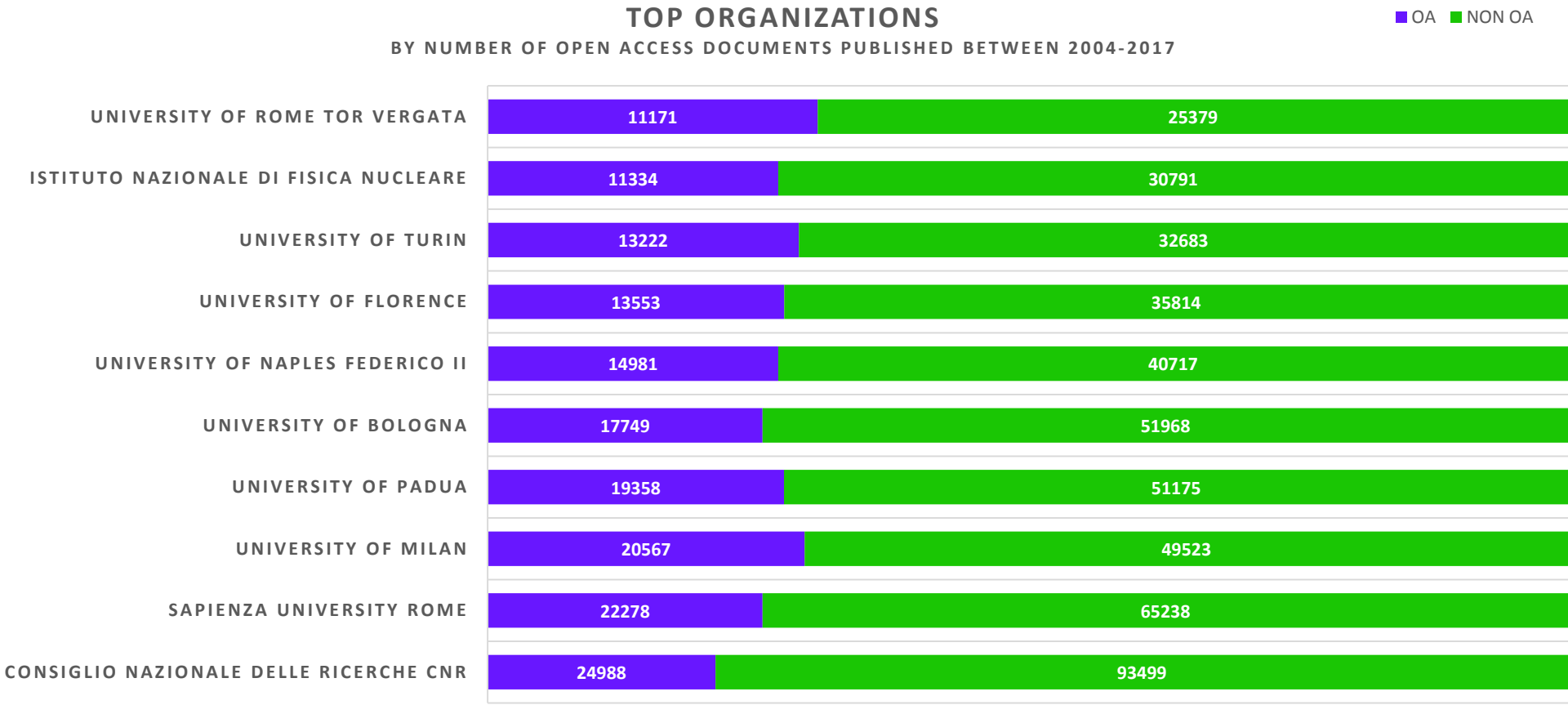

**49% of Highly Cited Papers are Open Access.**



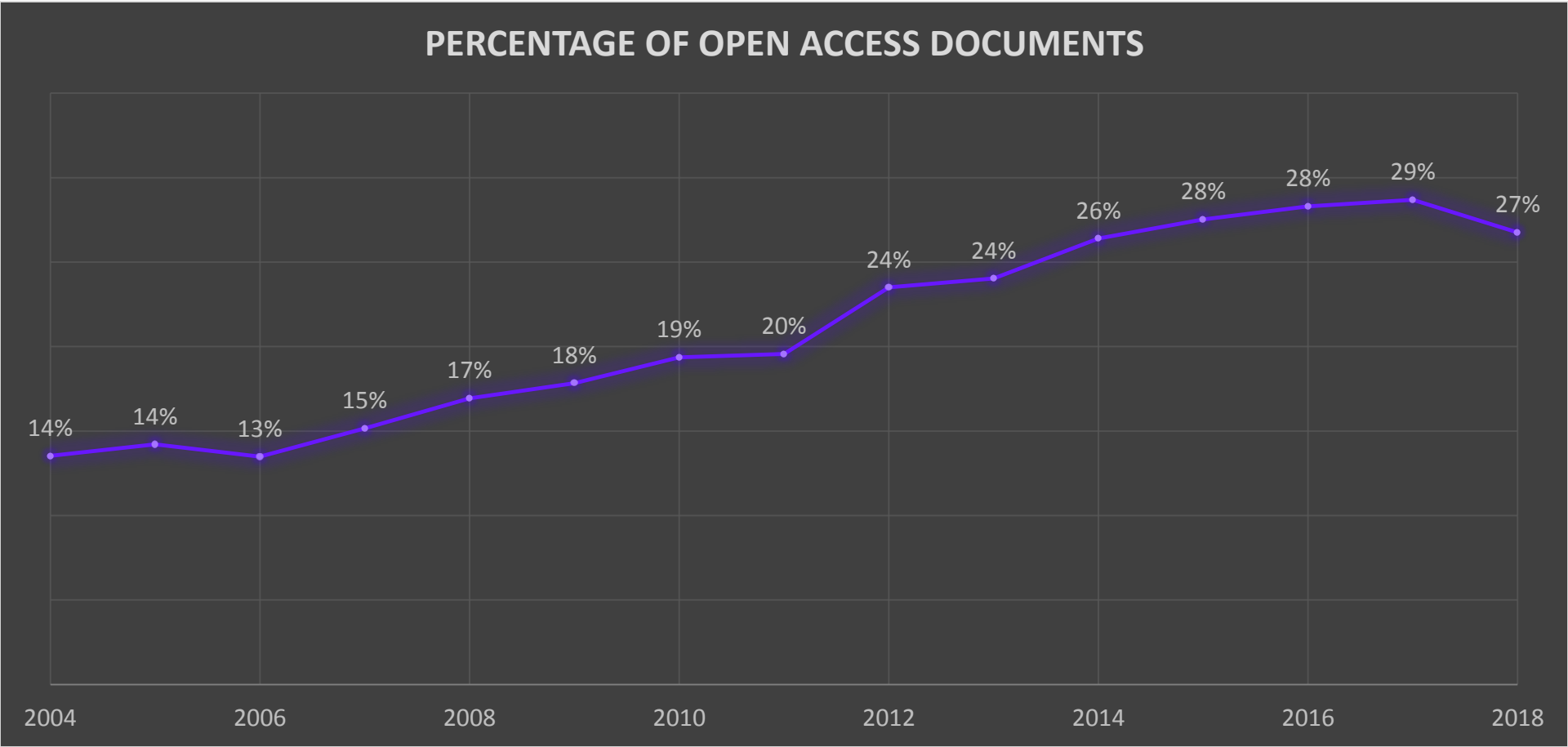

**53% of Hot Papers are Open Access.**

Clarivate Analytics

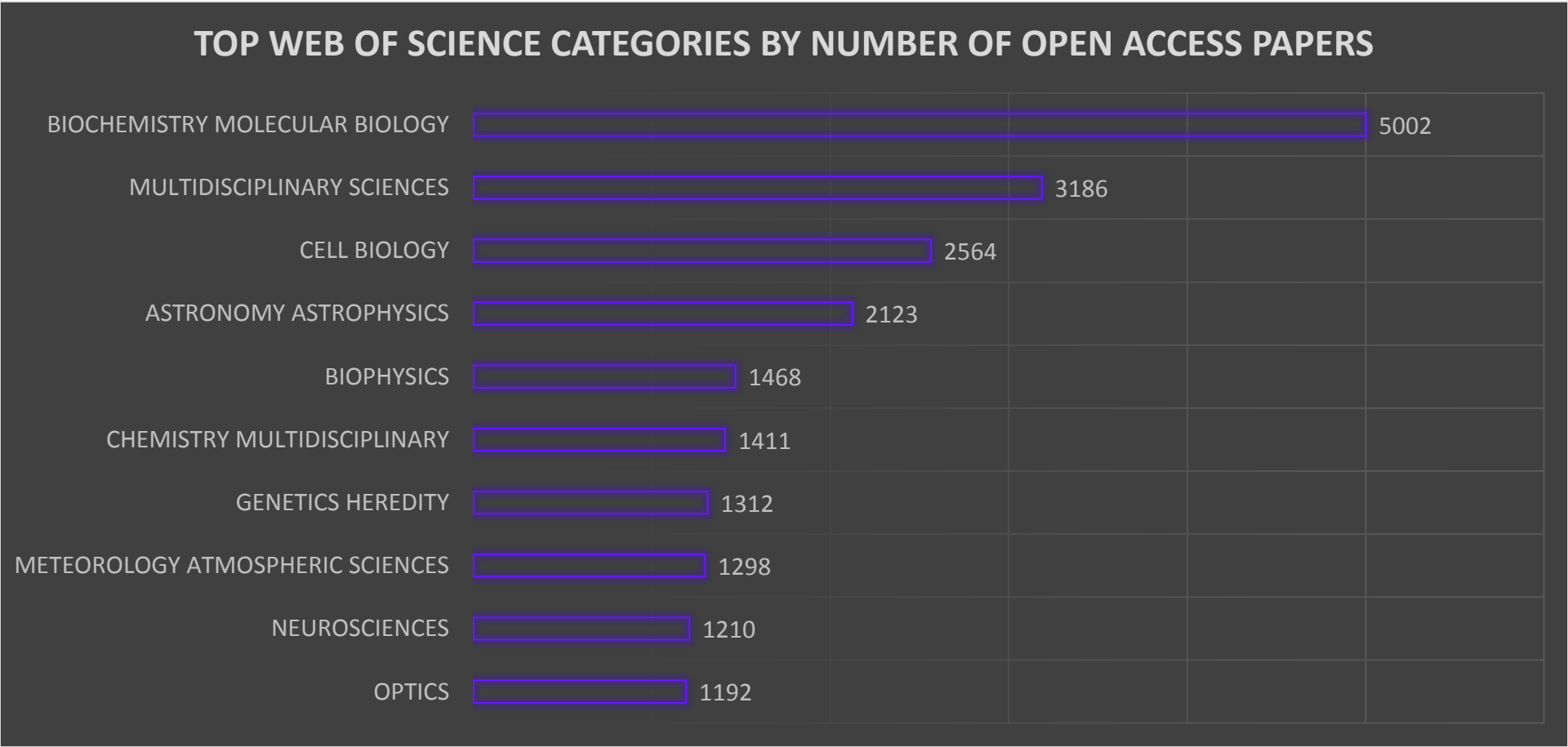
# Open Access content in Web of Science: Italy



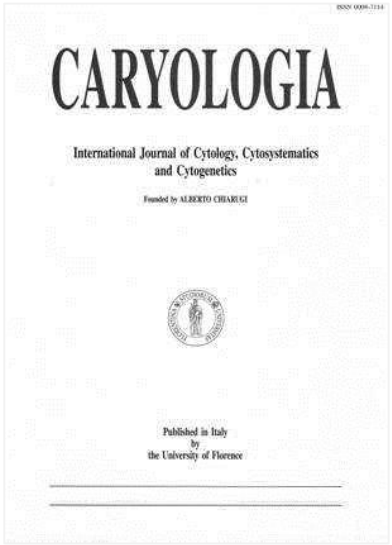
# Open Access content in Web of Science: Consiglio Nazionale delle Ricerche (CNR)



# Open Access content in Web of Science: Consiglio Nazionale delle Ricerche (CNR)



# Open Access content in Web of Science Core Collection: Journals




**Before**
**0 Open Access docs**

**Now**
**1,949 Open Access docs**

**Before**
**0 Open Access docs**

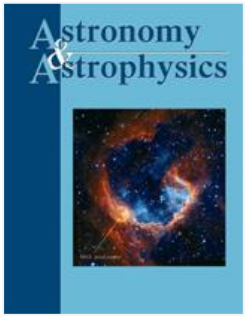
**Now**
**1,329 Open Access docs**

**Before**
**0 Open Access docs**

**Now**
**787 Open Access docs**

Clarivate Analytics

# Open Access content in Web of Science Core Collection: Journals

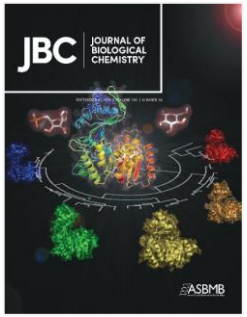



Before
0 Open Access docs

Now
28,271 Open Access docs

Before
0 Open Access docs

Now
91,550 Open Access docs

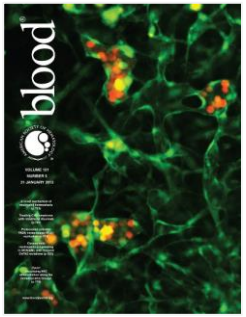



Before
0 Open Access docs

Now
94,538 Open Access docs

Before
0 Open Access docs

Now
9,011 Open Access docs




Before
0 Open Access docs

Now
23,326 Open Access docs

Clarivate Analytics

# Trusted Information

**Web of Science** is expanding the boundaries of accessing open science:

- access to the data
- direct full text links
- 10+ million records indexed in the Web of Science Core Collection are Open Access

*The Data Citation Index provides access to research data output alongside traditional publications.*

# Dynamic Reporting

Unique data analysis in **InCites** allows you to understand performance of your Open Access research.

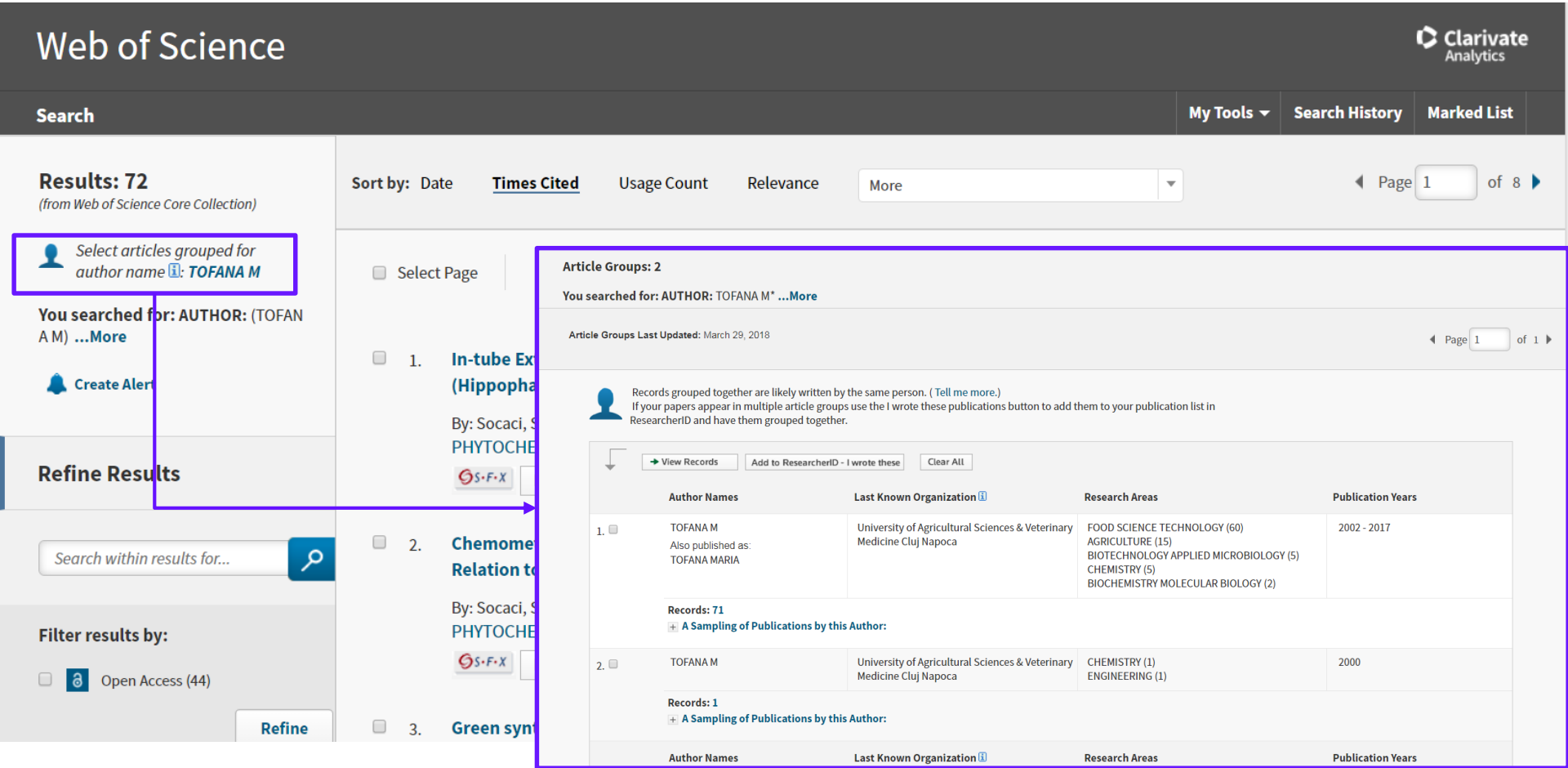
Compare how you perform in Open Access.

Clarivate Analytics

# Web of Science Core Collection per i ricercatori

Clarivate Analytics

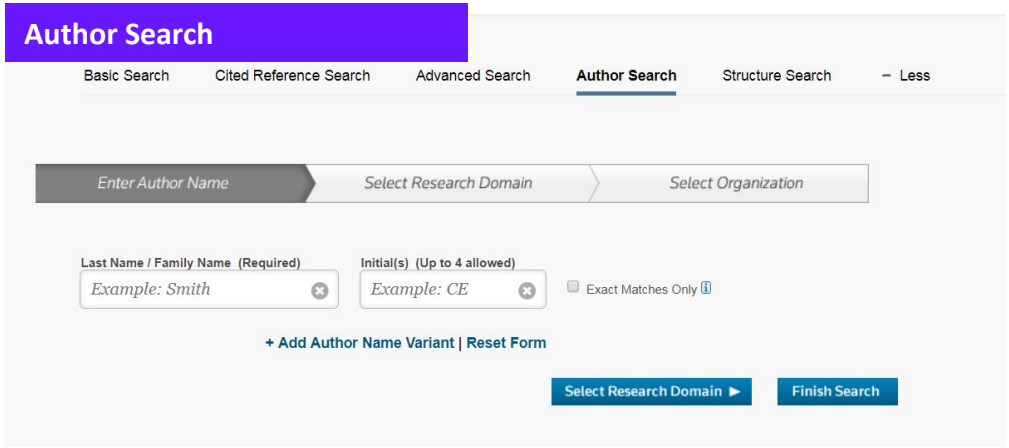
# Improved Author Disambiguation



# Author Disambiguation

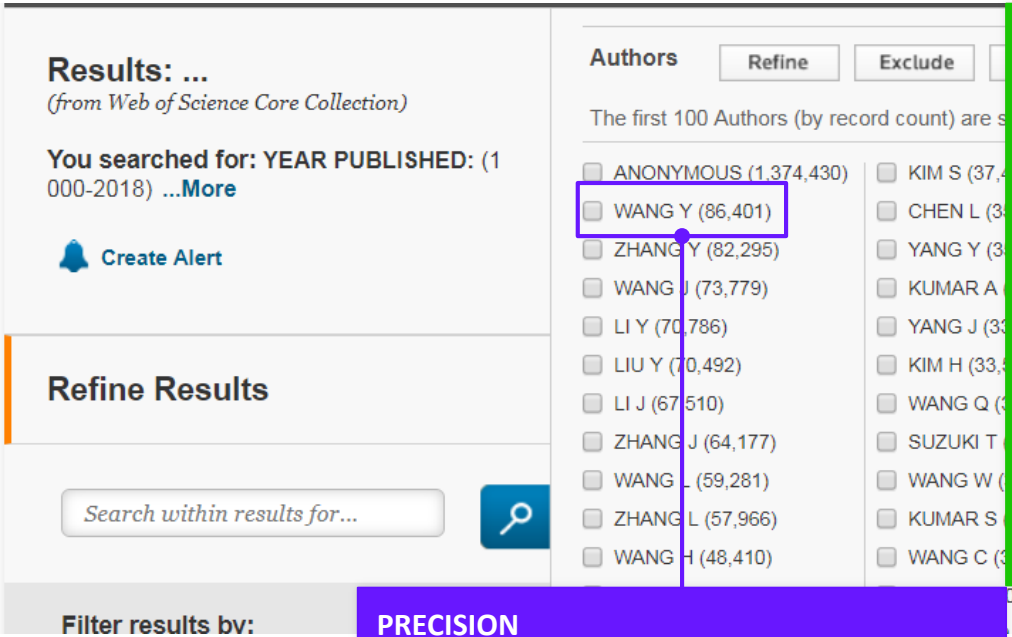
All author names are indexed and searchable in the Core Collection.
To reduce noise in search results, add the authors' institution in the address or Organization-Enhanced field:
**Example: trefler d* AND University of Toronto**

All of the authors' affiliations are indexed when available with the published item




Clarivate Analytics

# Why use Author Identifiers ?




**Increase the visibility of researchers ?**

**Enhance the collaborations of researchers?**

**Allow researchers to get credit for their work?**

**Retrieve the publications of a researcher in a prompt and consistent way?**

**Ensure that you don't miss any of a researchers' papers in their evaluation?**

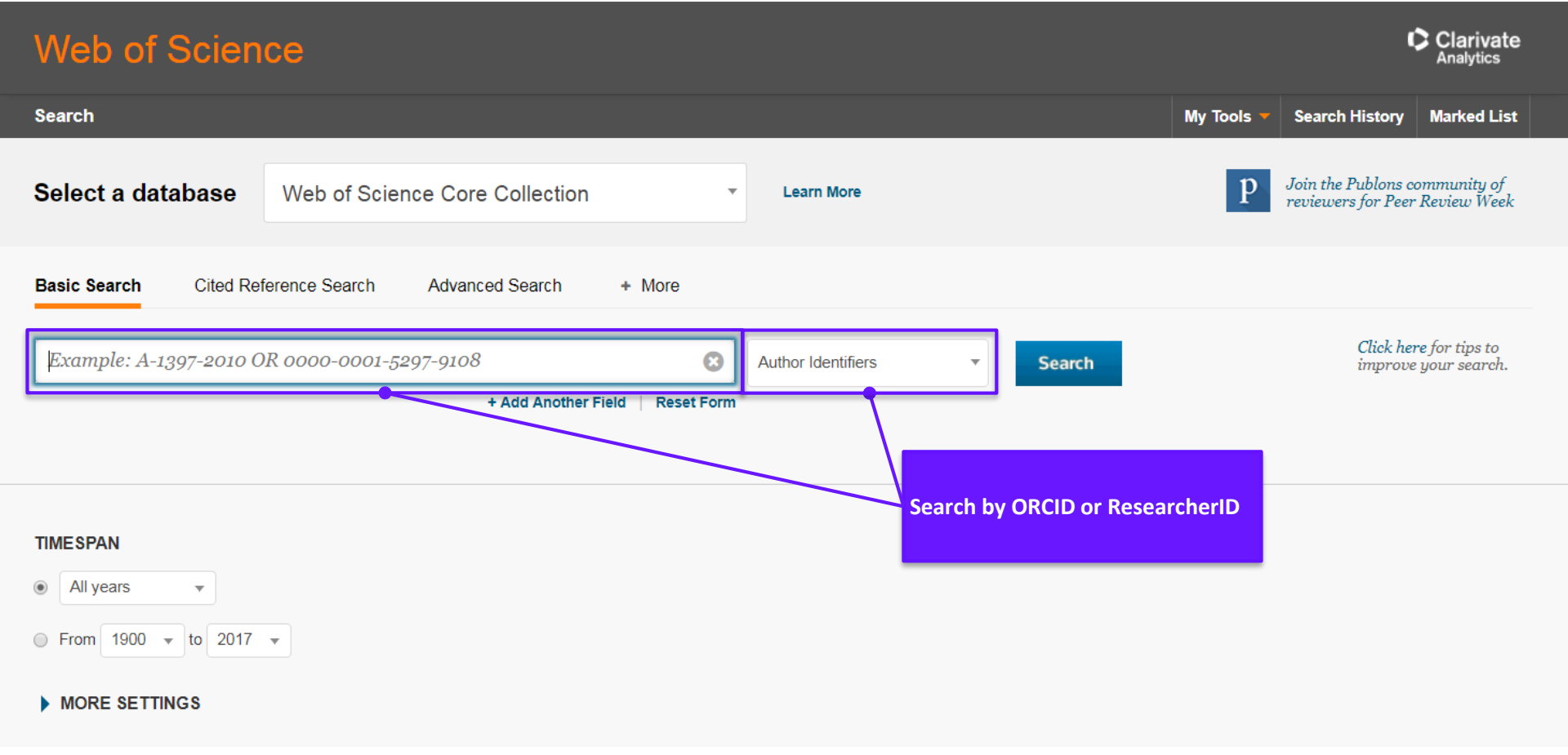
**Create a list of all researchers associated with a department and evaluate the department itself?**

**PRECISION**

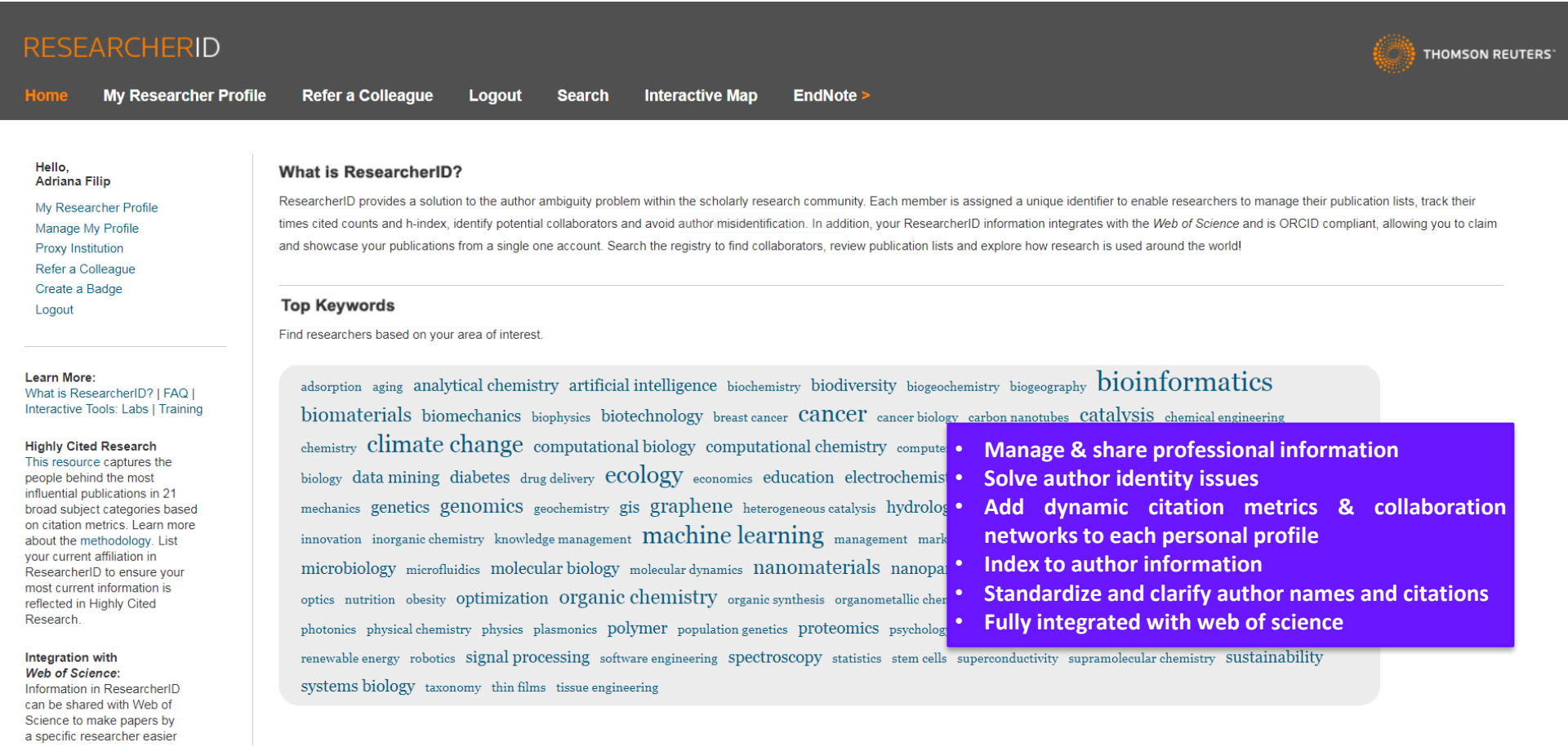
Automatic algorithms are essential nowadays but they will never substitute for human validation and precision especially when dealing with millions of records.

Clarivate Analytics

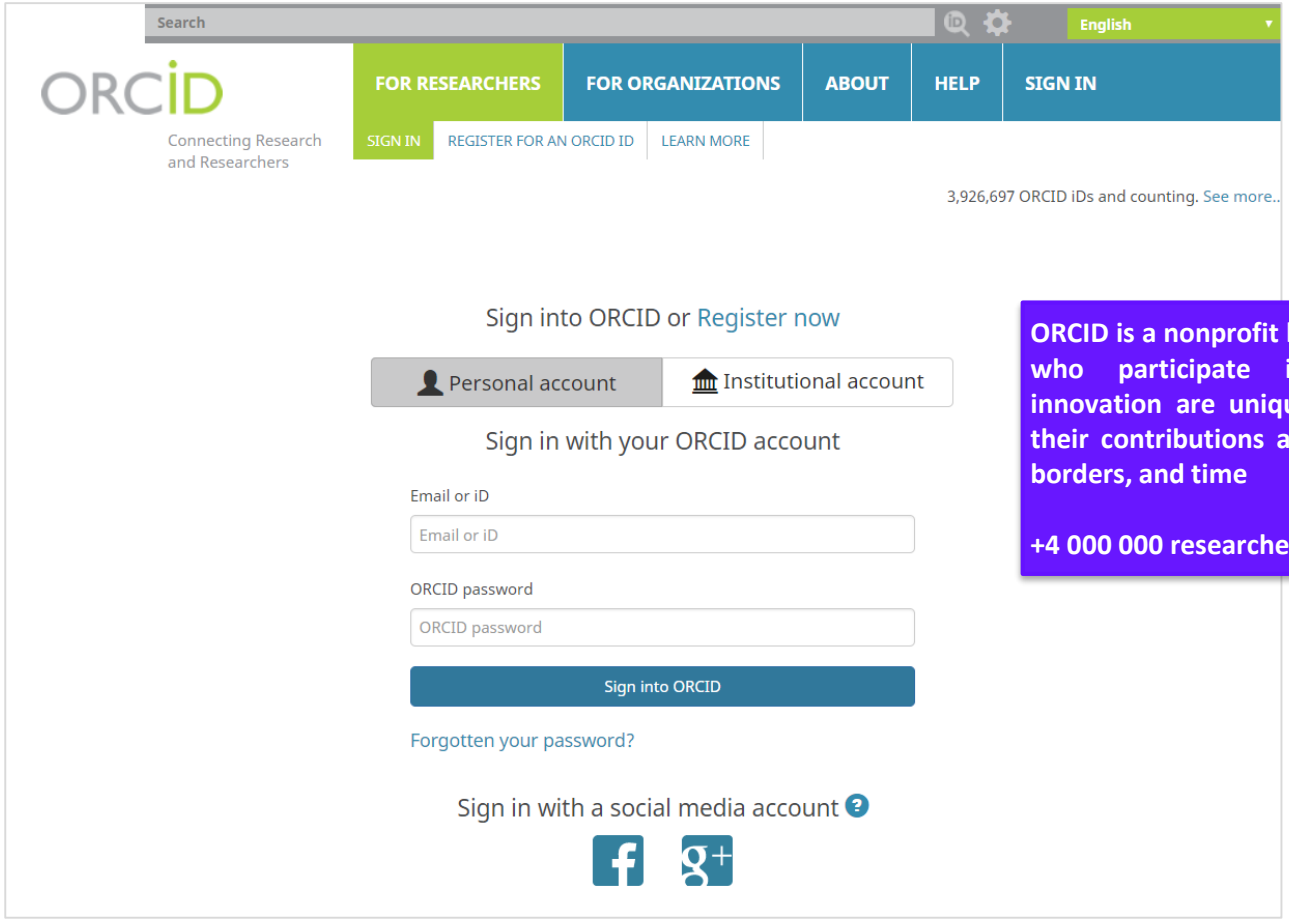
# Author identifiers in Web of Science



# ResearcherID



# ORCID

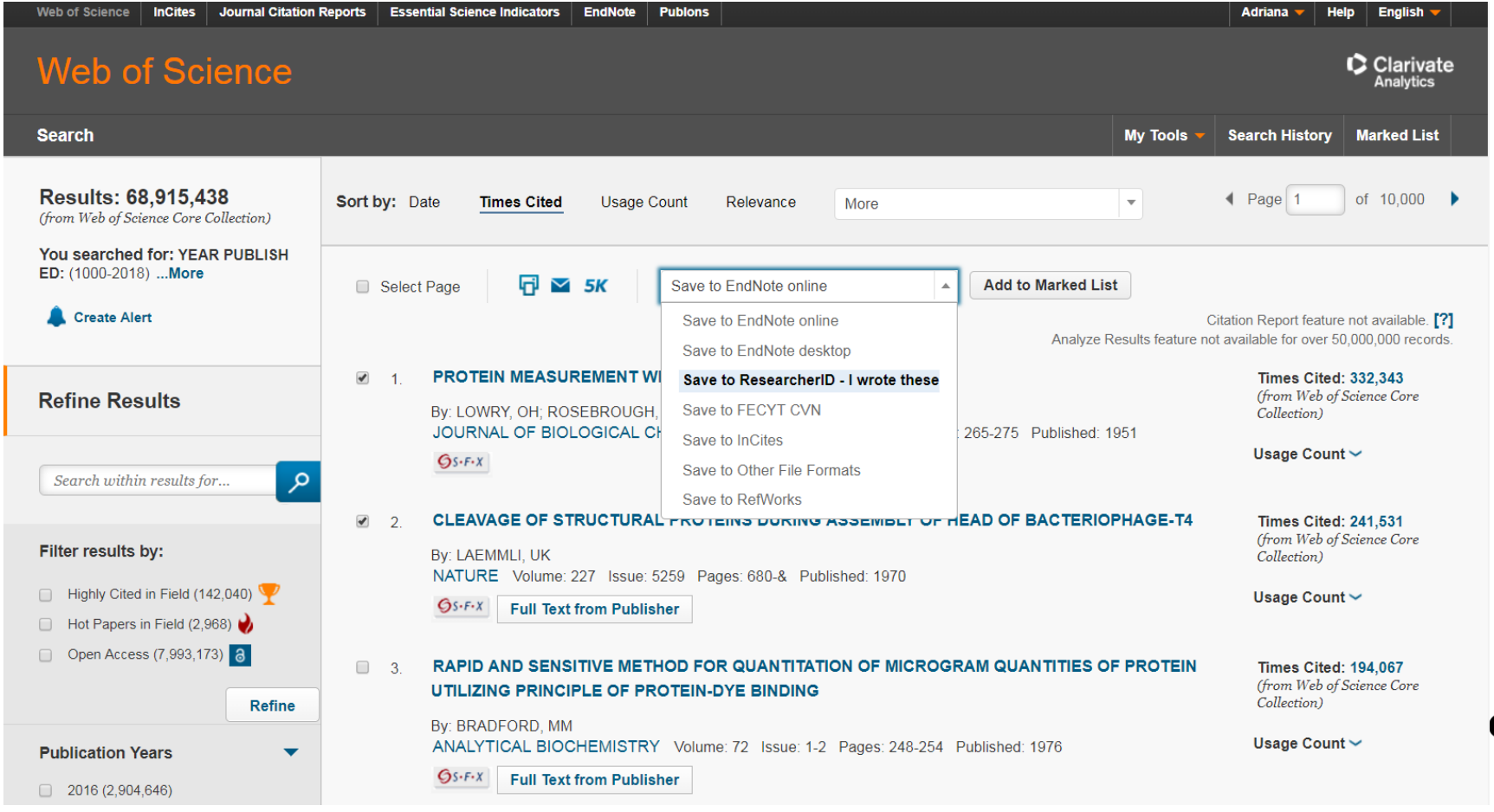



**ORCID is a nonprofit helping create a world in which all who participate in research, scholarship and innovation are uniquely identified and connected to their contributions and affiliations, across disciplines, borders, and time**

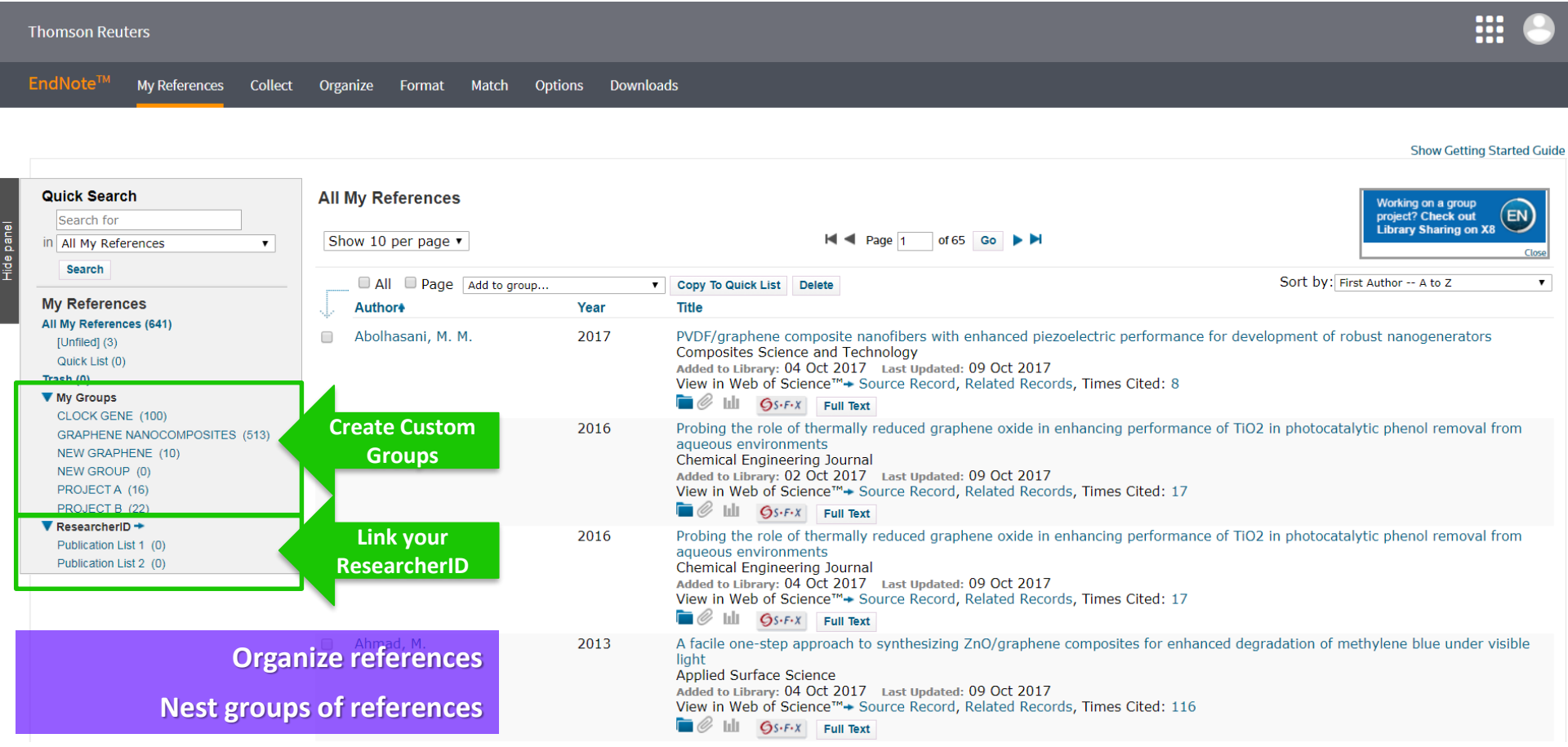
**+4 000 000 researchers use ORCID**

Clarivate Analytics

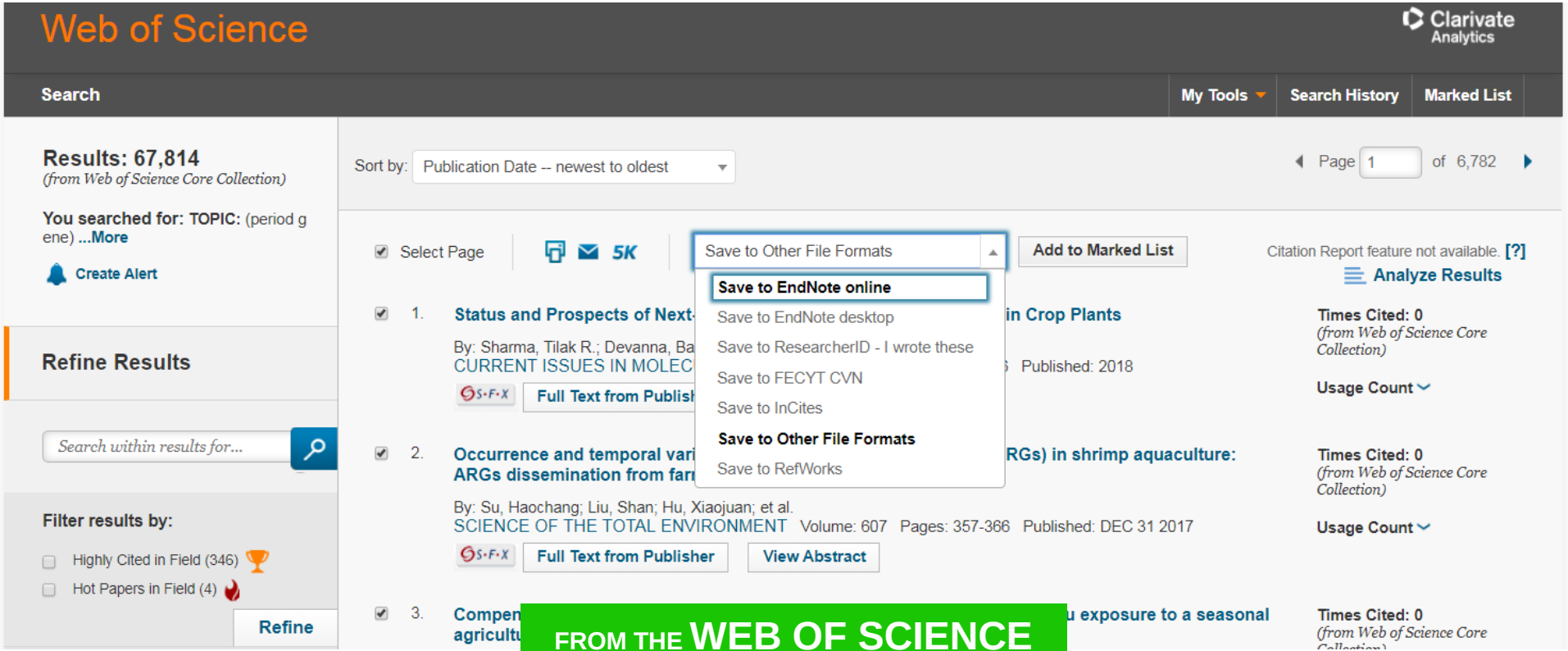
# ResearcherID Find your publications in Web of Science and claim them to your ResearcherID account



# EndNote Set up an EndNote online account



# EndNote Collect Information




FROM THE **WEB OF SCIENCE**
OR OTHER BIBLIOGRAPHIC DATABASES

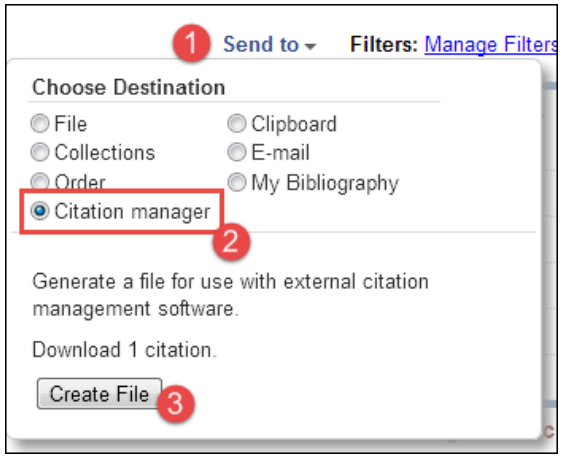
Clarivate Analytics

# ResearcherID + EndNote Collect Information

Google scholar

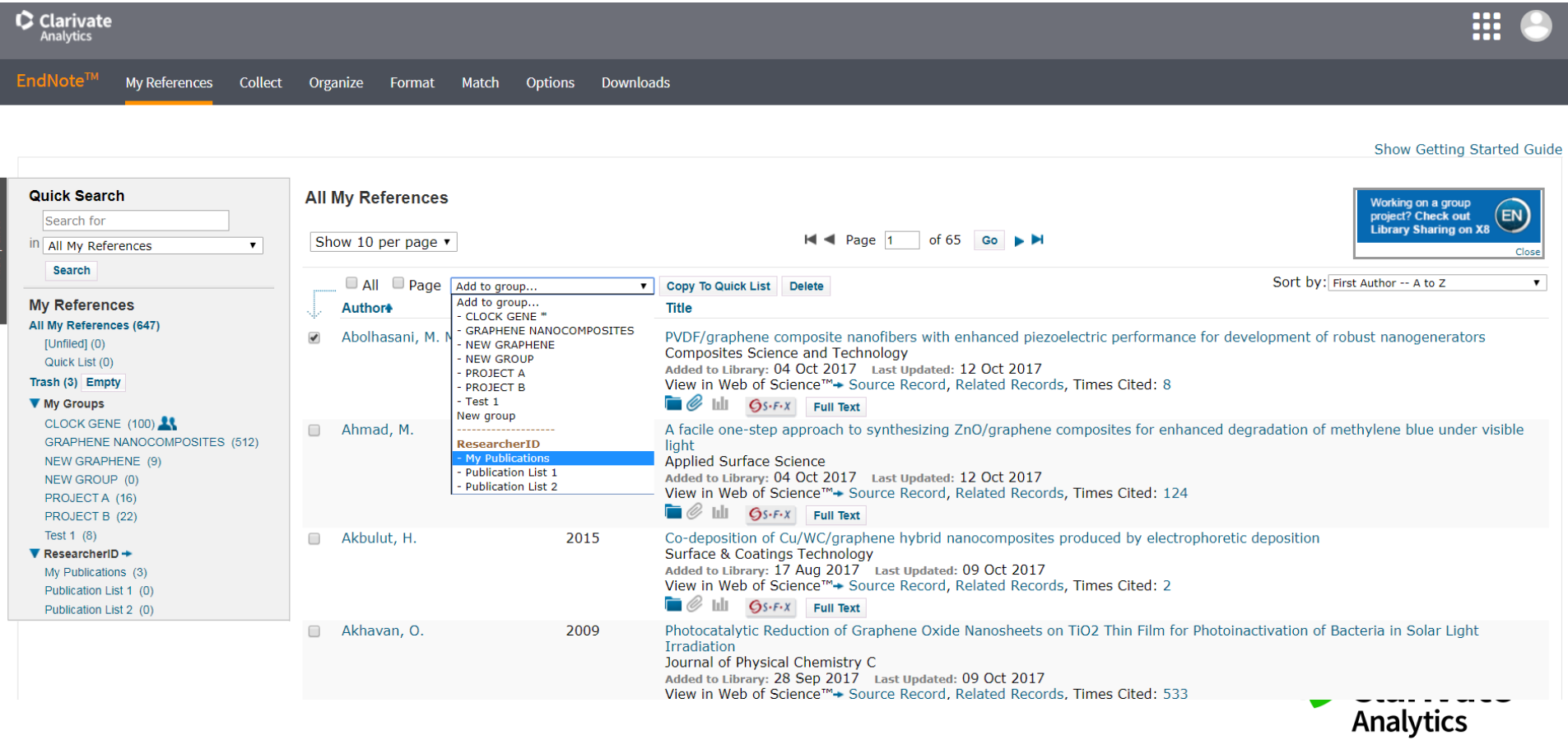
Clinical and biologic implications of recurrent genomic aberrations in myeloma
R Fonseca, E **Blood**, M Rue, D Harrington, MM Oken... - **Blood**, 2003 - Am Soc Hematology
Abstract Nonrandom recurrent chromosomal abnormalities are ubiquitous in multiple myeloma (MM) and include, among others, translocations of the immunoglobulin heavy chain locus (IgH). IgH translocations in MM result in the up-regulation of oncogenes, and
Cited by 587 Related articles All 11 versions Web of Science: 368 **Import into EndNote** Save More

PubMed




Clarivate Analytics

# ResearcherID + EndNote Add your publications to ResearcherID using EndNote online



# ResearcherID + ORCID Transfer publications between ResearcherID and ORCID

RESEARCHERID

THOMSON REUTERS

Home | My Researcher Profile | Refer a Colleague | Logout | Search | Interactive Map | EndNote >

**Filip, Adriana** [Get A Badge] [ResearcherID Labs] Your labs page and badge show only your public data [Manage Profile] [Preview Public Version]

**ResearcherID:** N-4236-2017
**Other Names:**
**E-mail:** Adriana.Filip@clarivate.com
**URL:** http://www.researcherid.com/rid/N-4236-2017
**Subject:** Enter a Subject
**Keywords:** Enter a Keyword
**ORCID:** Get or associate an ORCID

**My Institutions** (more details)
**Primary Institution:** Clarivate Analytics
**Sub-org./Dept:**
**Role:** Other
**Joint Affiliation:**
**Sub-org./Dept:**
**Role:**
**Past Institutions:**

**Description:** Enter a Description
**My URLs:**

**My Publications**

**My Publications (3)**
View Publications
Citation Metrics
Manage | Add

**ResearcherID labs**
Create A Badge
Collaboration Network
Citing Articles Network

**Publication Groups**

**Publication List 1 (0)**
View Publications
Citation Metrics
Manage | Add

## My Publications: View

[Manage List] [Add Publications]

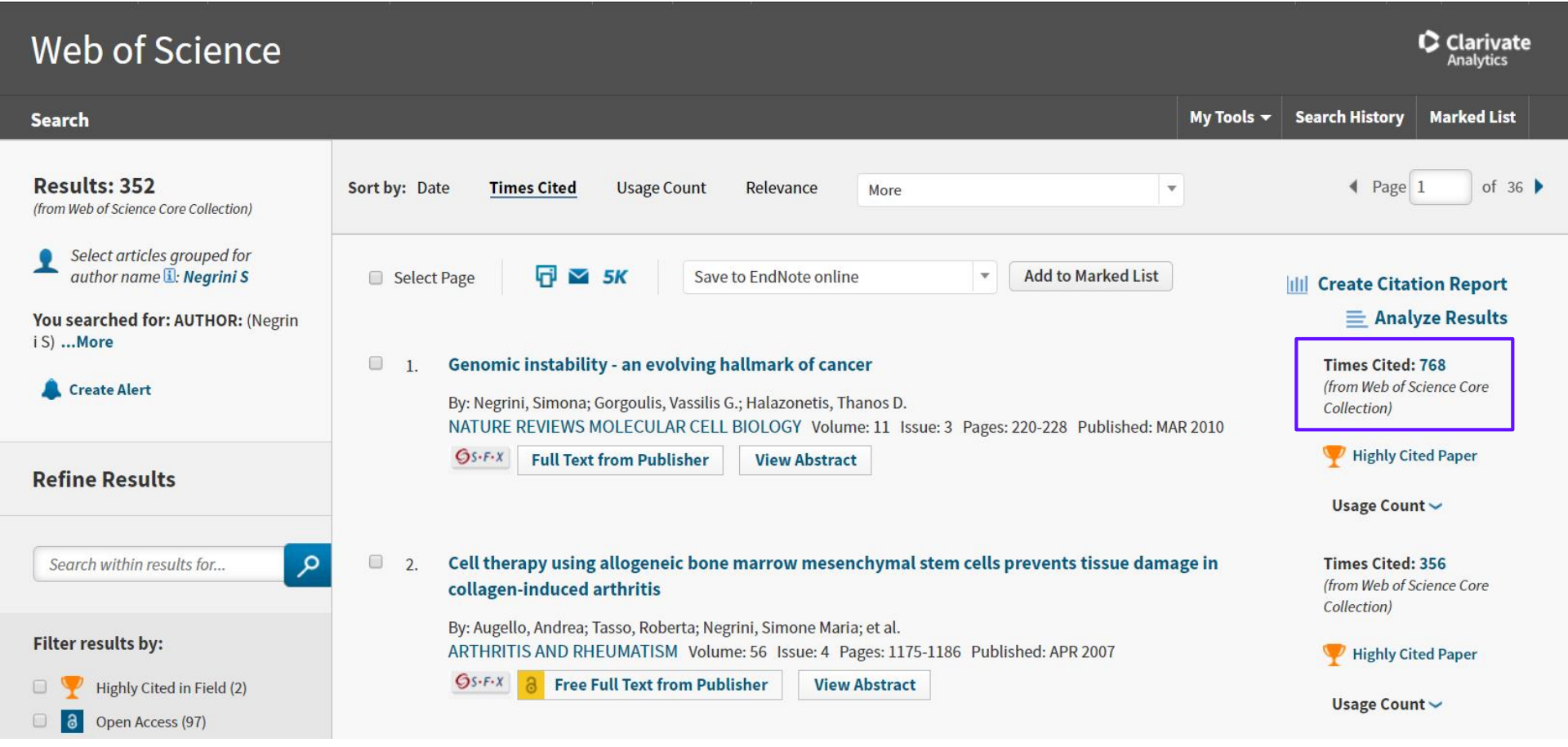
This list is to be used for publications that you have authored. You have the ability to make this list public or private. If public, then visitors of ResearcherID can see your scholarly output, and your list will be sent to the *Web of Science* (click here for more information). Click on the **Manage Profile** button at the top-right corner of the page and select the Publication Lists tab to change the privacy settings of your data.

3 publication(s) | Page 1 of 1 Go | Sort by: Publication Year | Results per page: 10

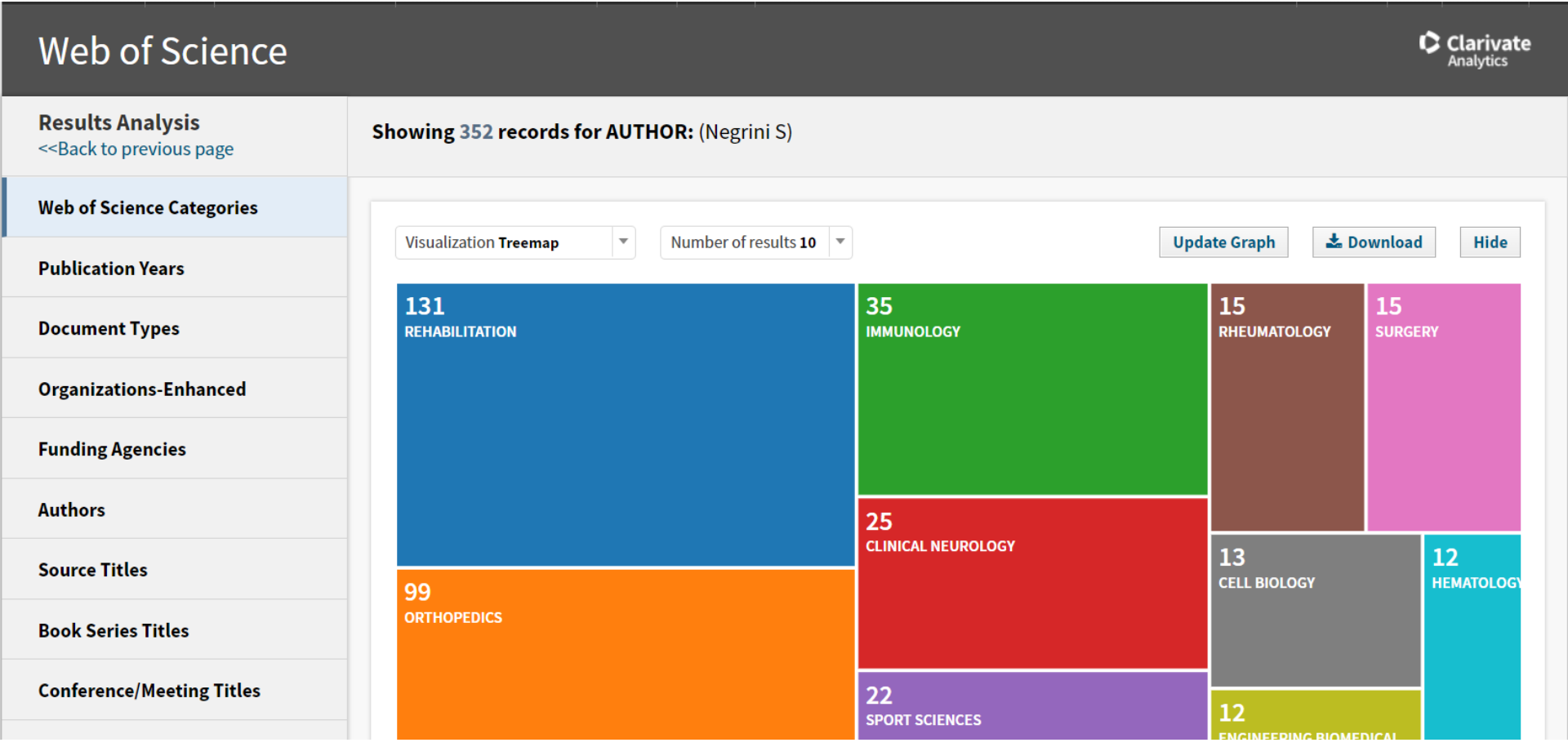
1. **Title:** Boundary-layer flow of a nanofluid past a stretching sheet — added 07-Dec-17
**Author(s):** Khan, W. A.; Pop, I.
**Source:** International Journal of Heat and Mass Transfer **Volume:** 53 **Issue:** 11-12 **Pages:** 2477-2483 **Published:** 2010
**Times Cited:** 622
**DOI:** 10.1016/j.ijheatmasstransfer.2010.01.032

2. **Title:** A new method for fast preparation of highly surface-enhanced Raman scattering (SERS) active silver colloids at room temperature by reduction of silver nitrate with hydroxylamine hydrochloride — added 07-Dec-17
**Author(s):** Leopold, N.; Lendl, B.
**Source:** Journal of Physical Chemistry B **Volume:** 107 **Issue:** 24 **Pages:** 5723-5727 **Published:** 2003
**Times Cited:** 632

# Citation counts in Web of Science



## Analyze the citing articles



# Determine your h-Index in Web of Science

**Total Publications**
54

***h*-index**
18

**Average citations per item**
24.31

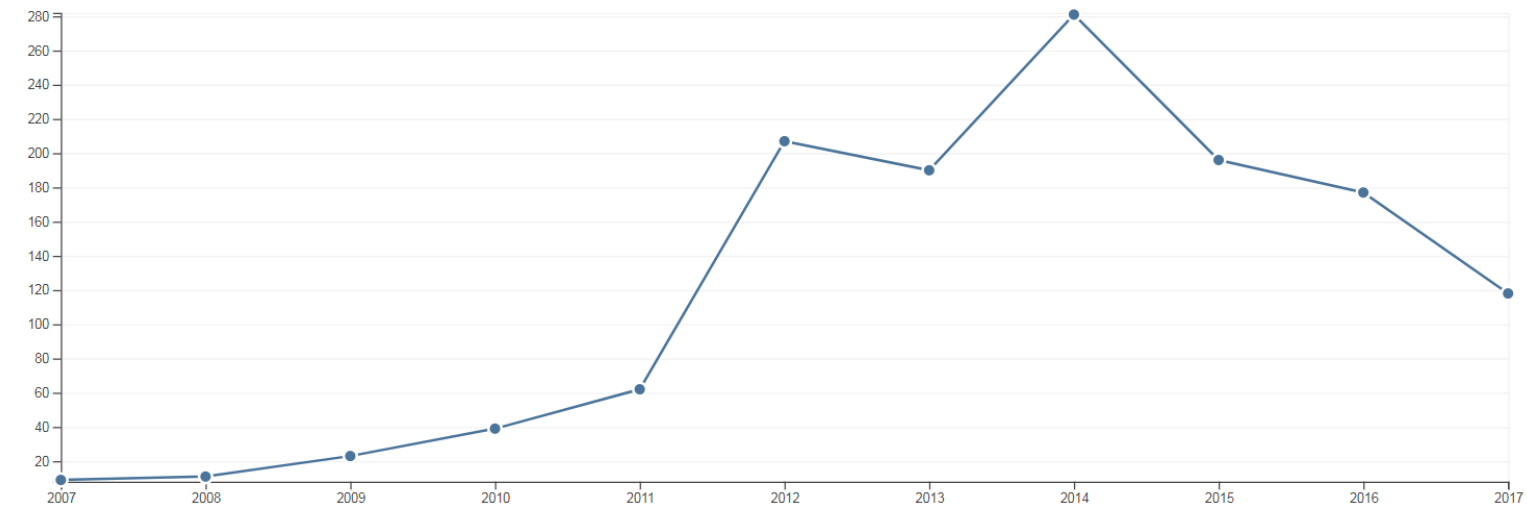
**Sum of Times Cited**
1,313

**Without self citations**
1,181

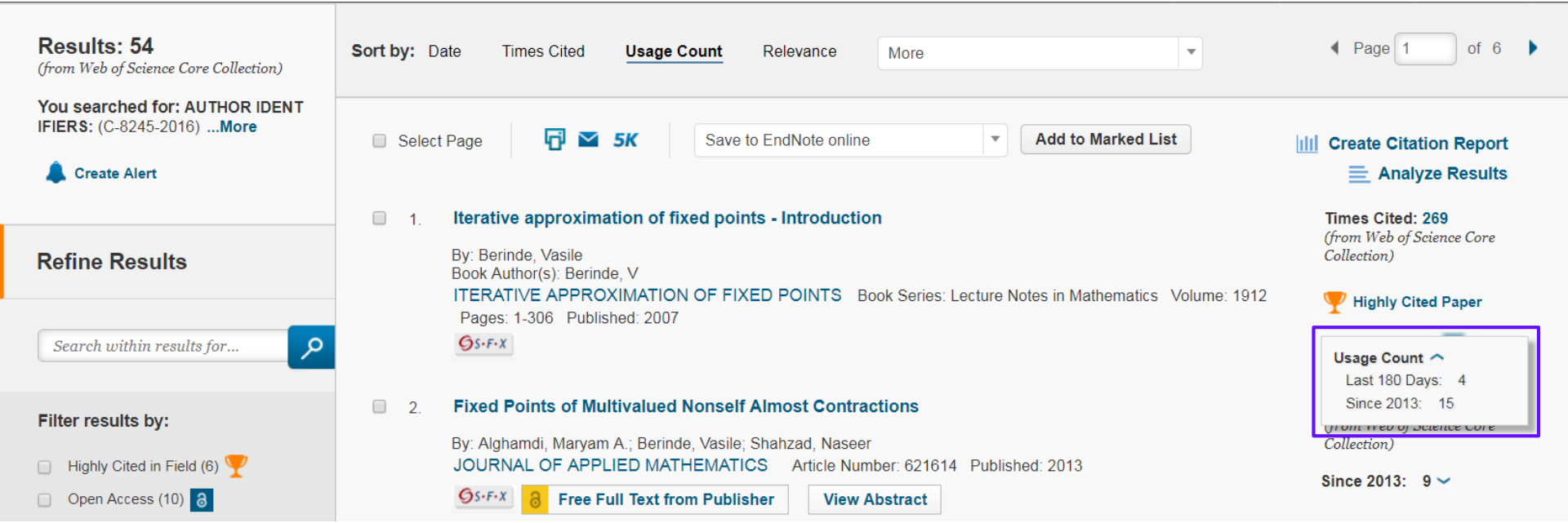
**Citing articles**
787

**Without self citations**
744

**Sum of Times Cited per Year**

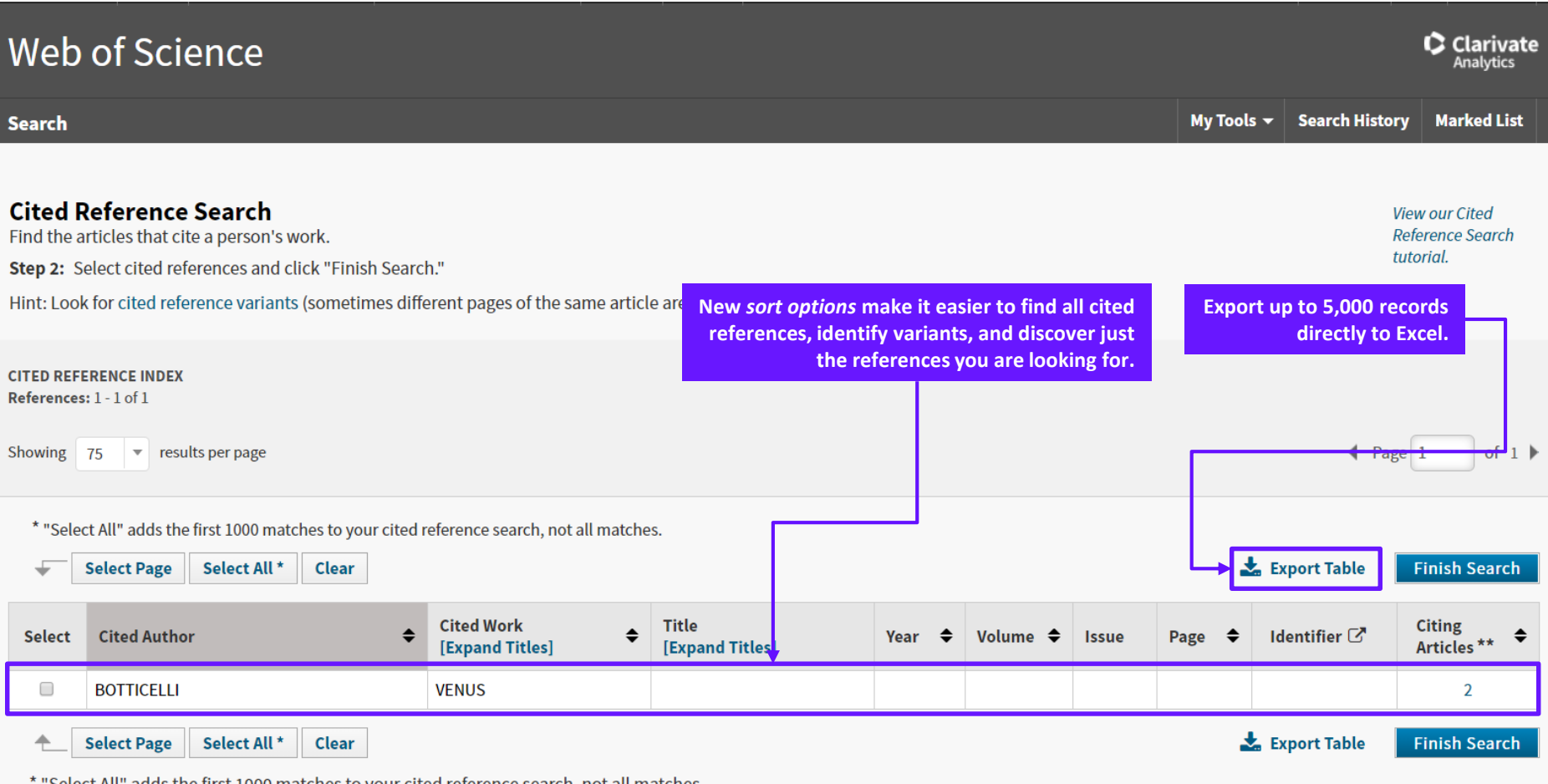


# How much interest has your work generated?

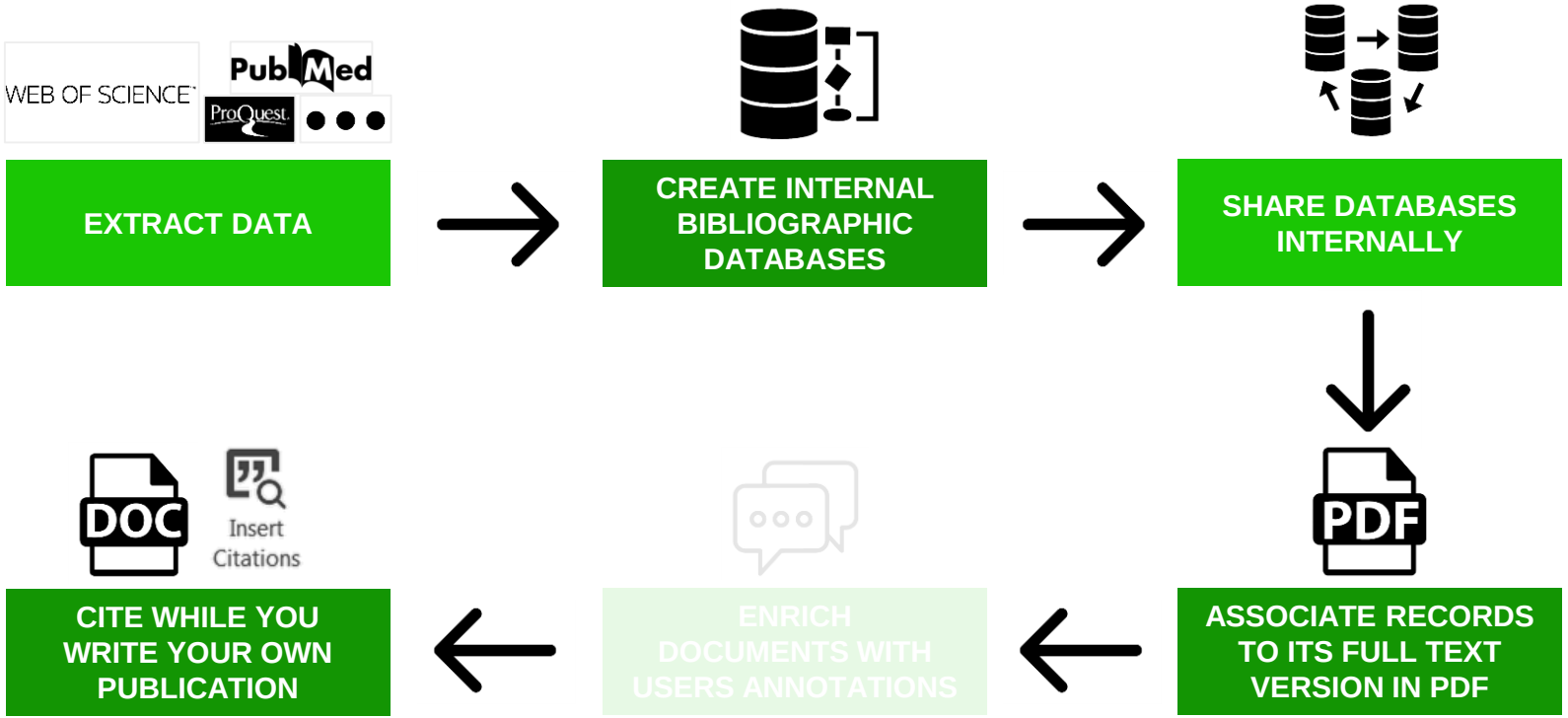



Clarivate Analytics

# Cited Reference Search Improvements – Sorting and Exporting the Cited Reference Search look-up table

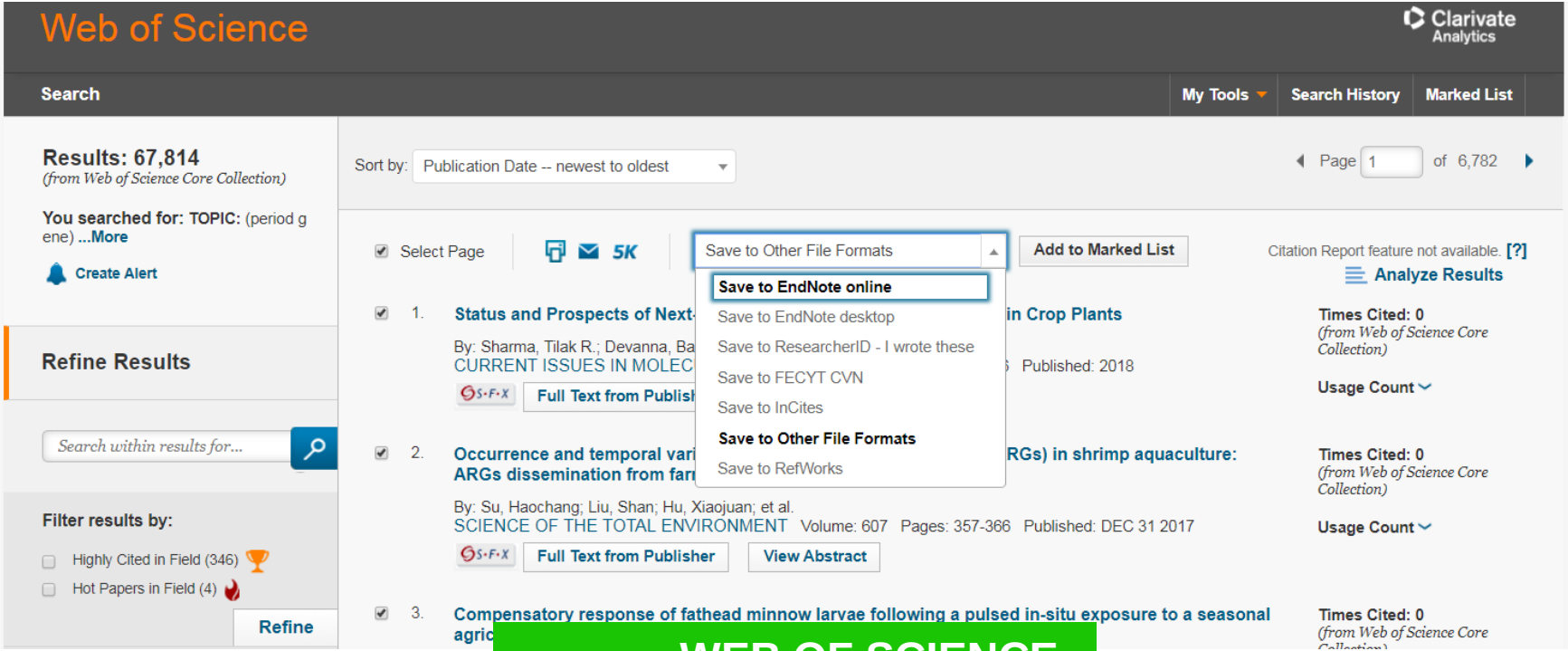


# What does EndNote do?




Clarivate Analytics

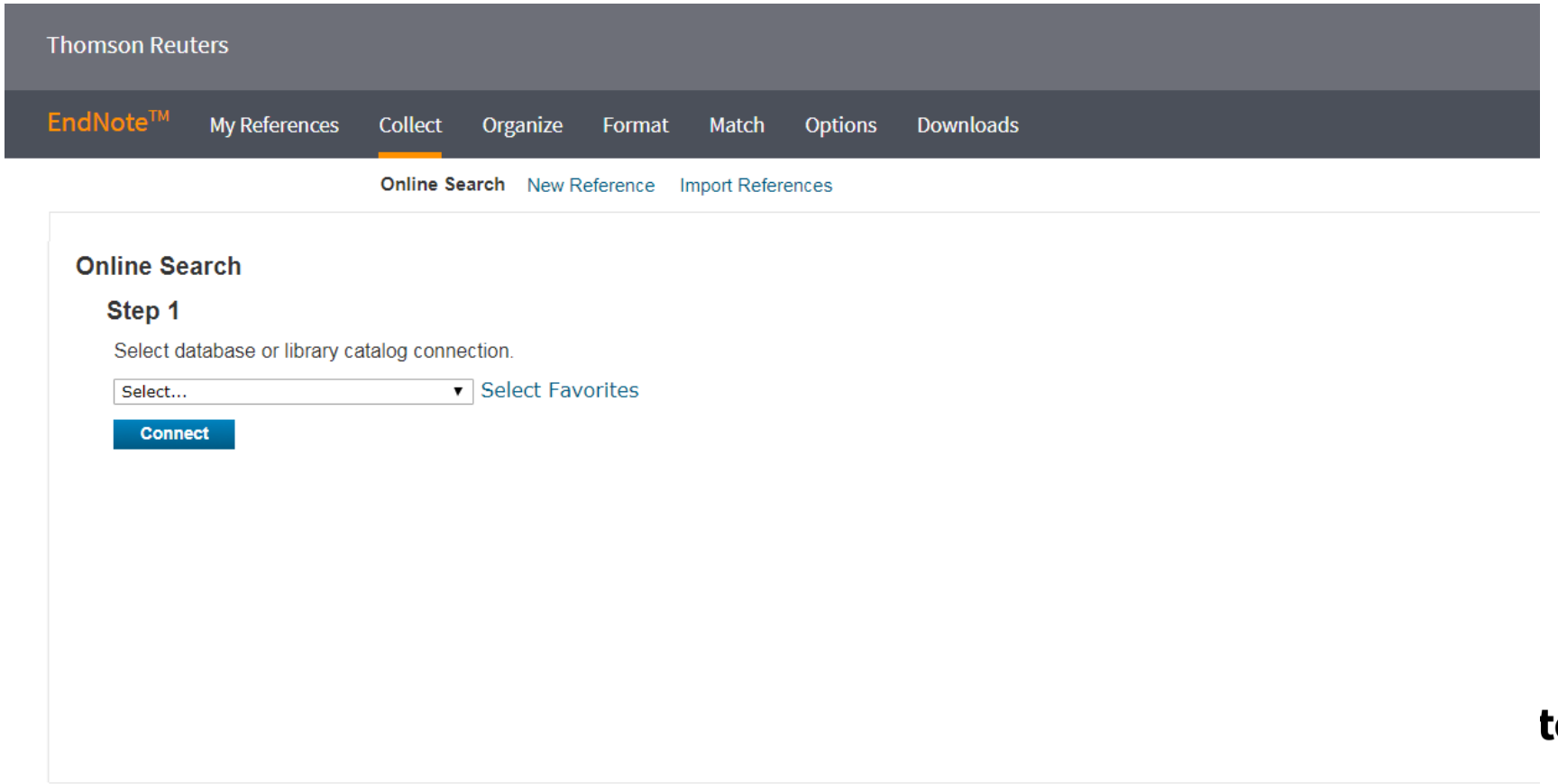
# Collect Information



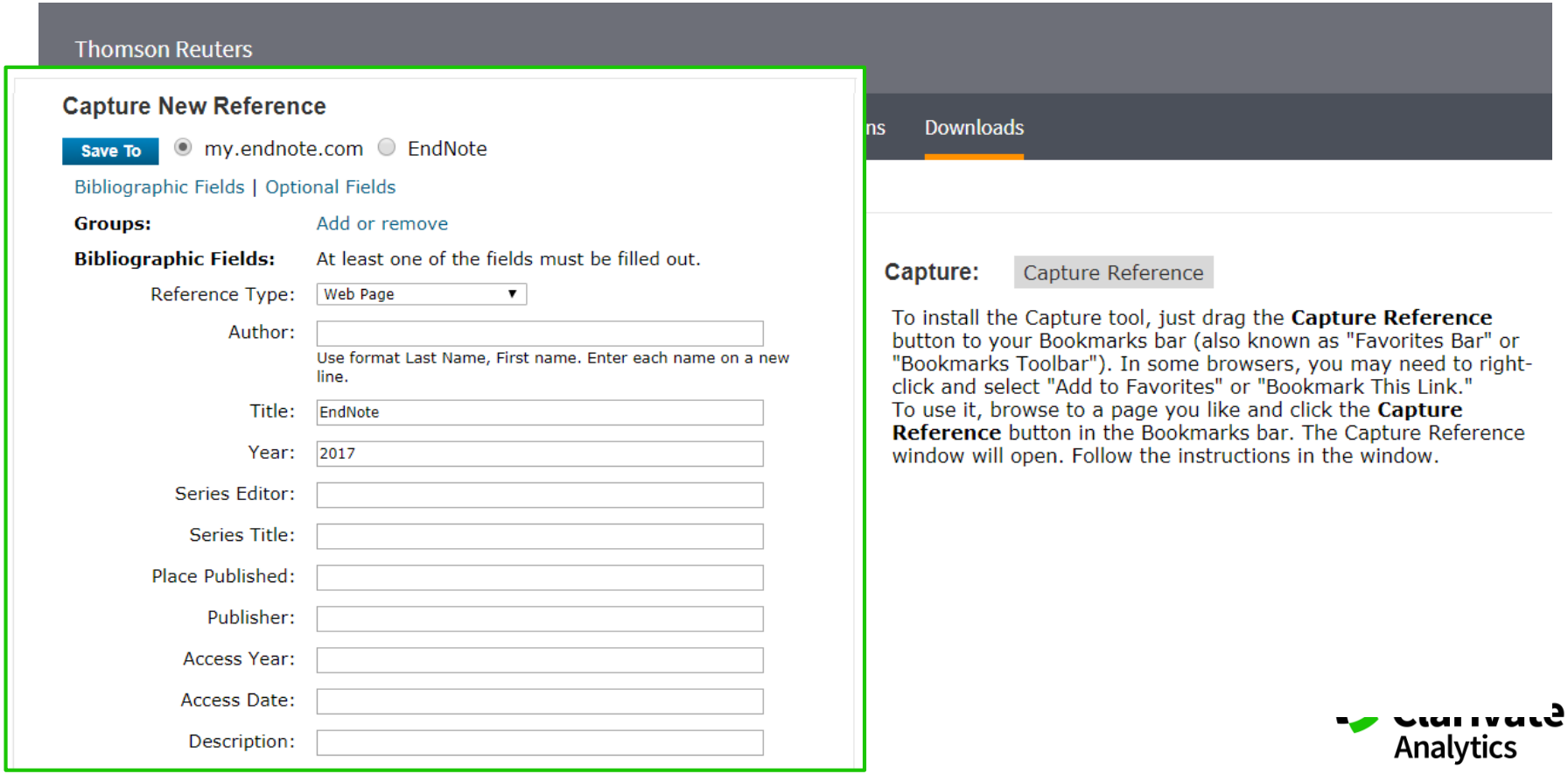

**FROM THE WEB OF SCIENCE OR OTHER BIBLIOGRAPHIC DATABASES**

Clarivate Analytics

# Collect Information

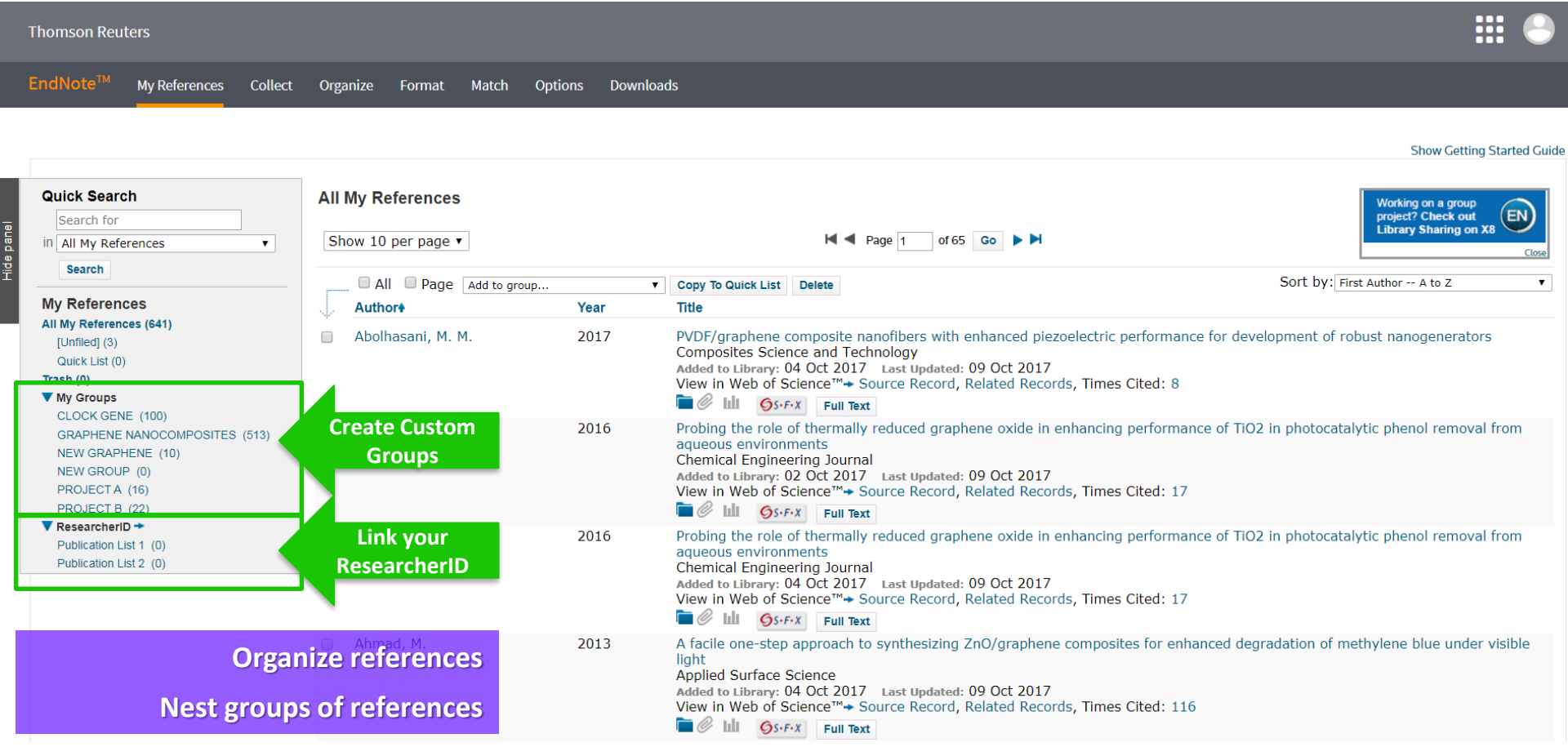


# Collect Information

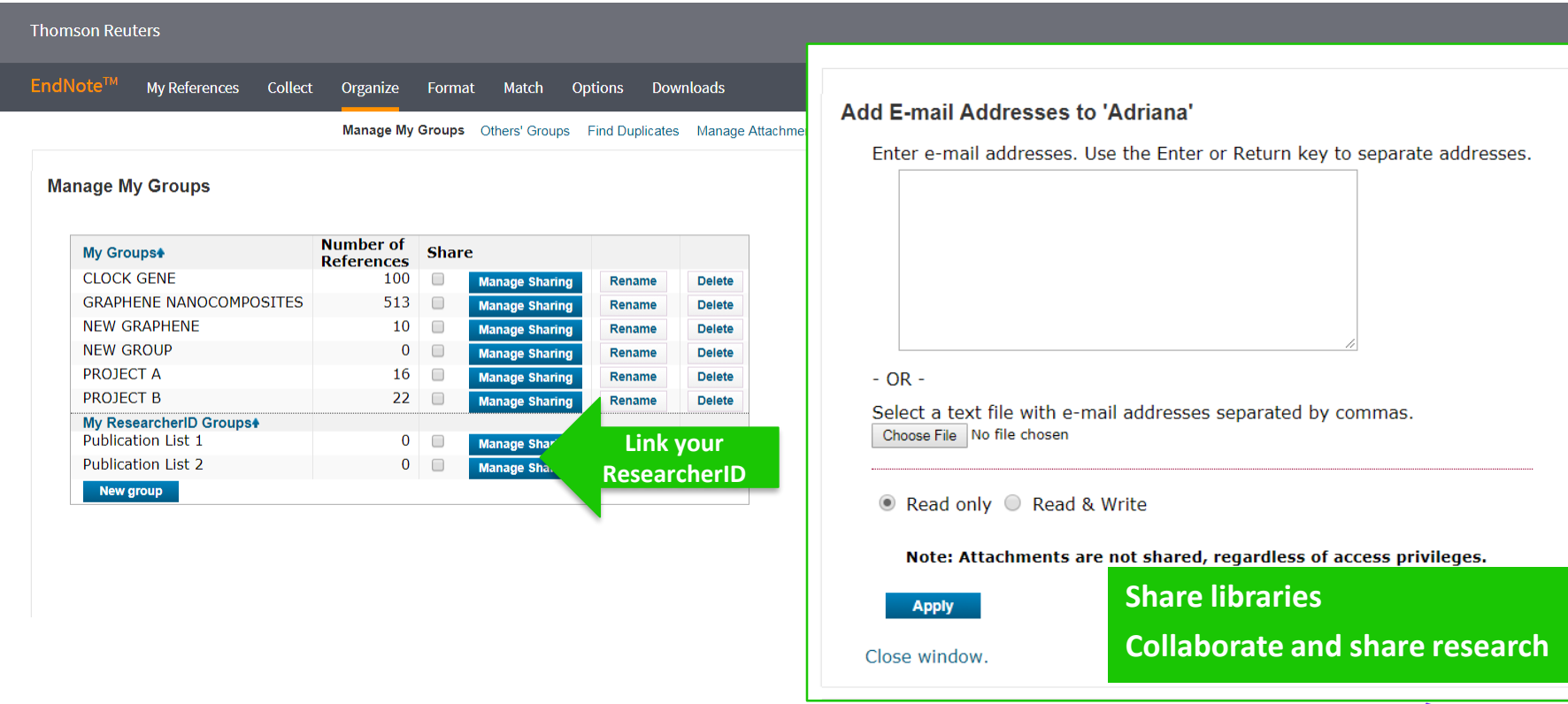



Analytics

# Organize Documents

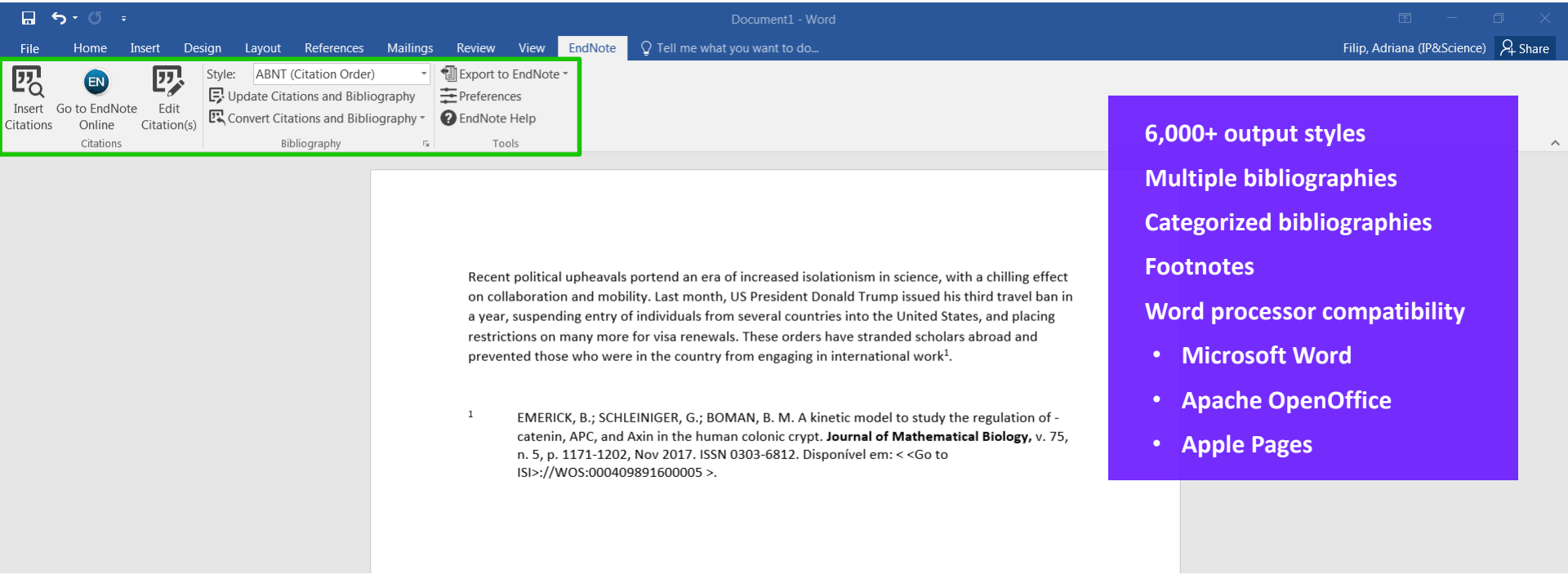


# Organize Documents




Clarivate Analytics

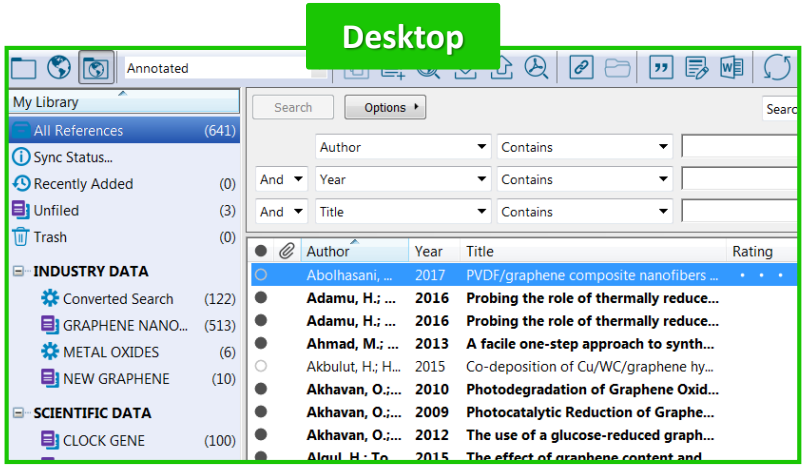
# Cite While You Write™ Plug-In

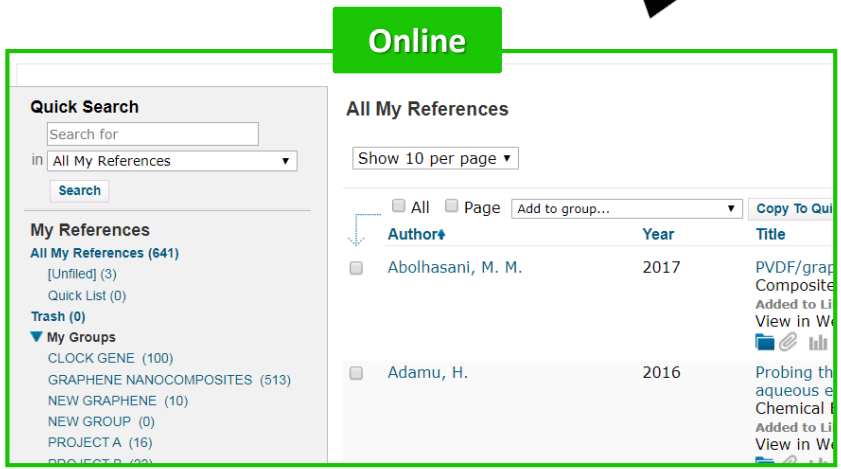



- 6,000+ output styles
- Multiple bibliographies
- Categorized bibliographies
- Footnotes
- Word processor compatibility
  - Microsoft Word
  - Apache OpenOffice
  - Apple Pages

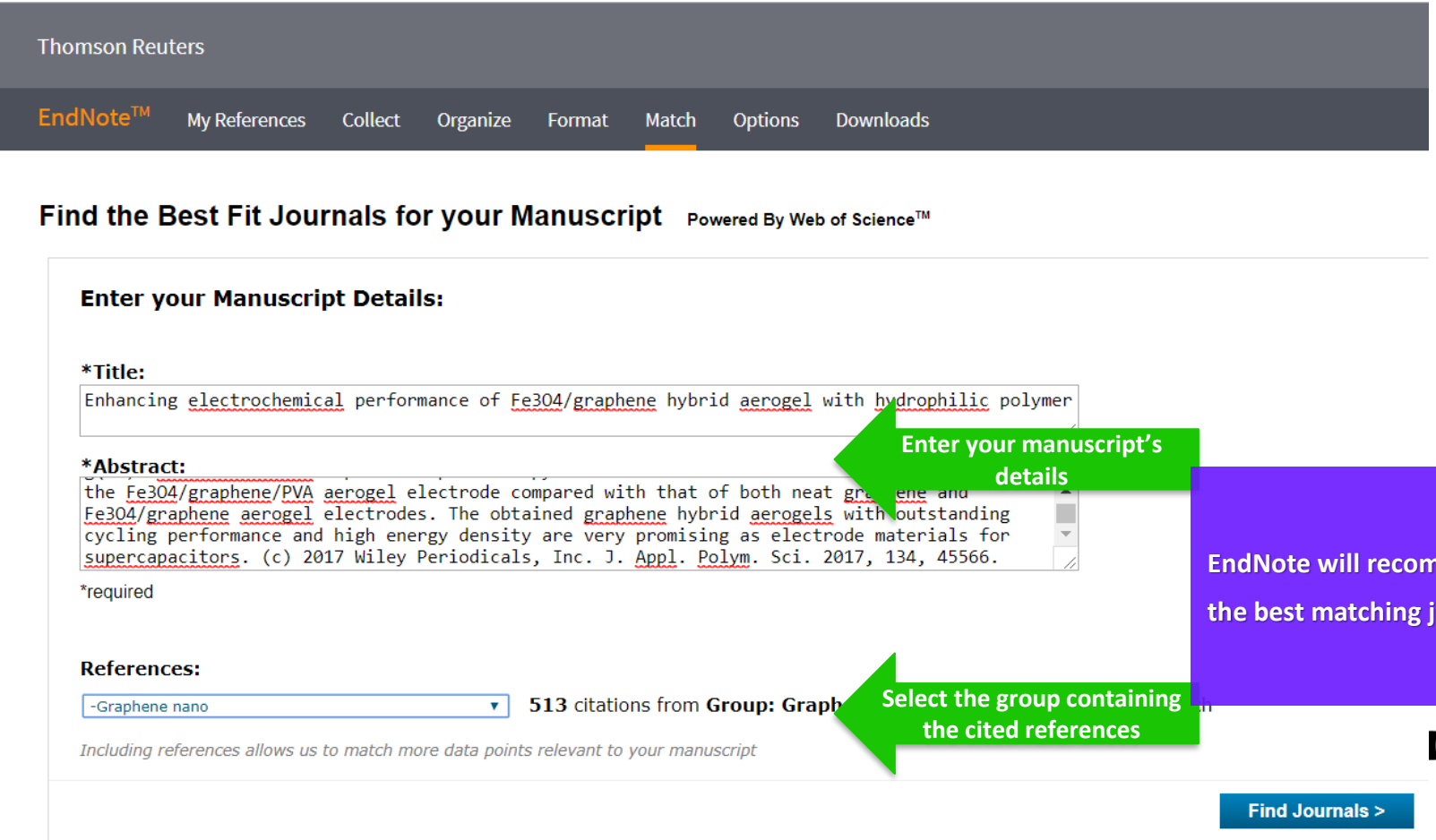
Clarivate Analytics

# Work Remotely | Use Endnote wherever you are to access your information everywhere





# Manuscript Matcher




Enter your manuscript's details

Select the group containing the cited references

EndNote will recommend the best matching journals

Clarivate Analytics

# What Are You Missing by Using Only EndNote Basic?

## Unlimited storage

EndNote basic is limited to only 2 GB of attachment space and 50,000 references.

## 6,800 predefined bibliographic formatting styles

Or create your own custom styles.

21 predefined bibliographic formatting styles in EndNote basic.

## Full Library sharing with up to 100 EndNote users

Activity feed to check who has been making changes to the shared library and what sort of changes were made.

With EndNote Basic only private group sharing.

## Create custom databases

Create connection files or filters for custom databases. Select a custom sort order. Create backups easily with the Compressed Library feature.

In EndNote basic you can sort your library according to a limited set of options.

## Import PDFs

Find Full Text, download PDFs and attach them to your existing records.
Read and annotate PDFs attached to records. Find Reference Updates to find missing information for references you already have.

In EndNote Basic you can't annotate attachments.

## Create custom groups

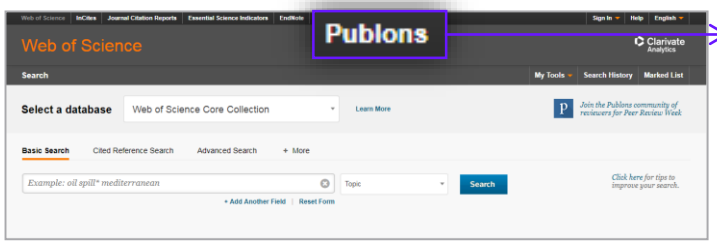
Create 1) group sets to organize groups under project or topic headings, 2) smart groups, based on a search of the library as a whole, and 3) combined groups, showing references drawn from a combination of other groups.

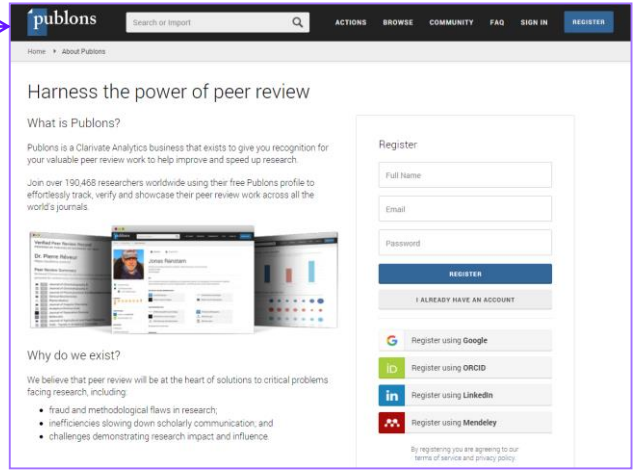
EndNote basic only has one group set, My Groups, and can only show custom groups that require you to add the reference to each group manually.

Clarivate Analytics

# Publons

**Publons is a profiling system that provides a verified, quantifiable record of the peer reviews that faculty members perform for thousands of journals.**




**320,000+**
RESEARCHERS

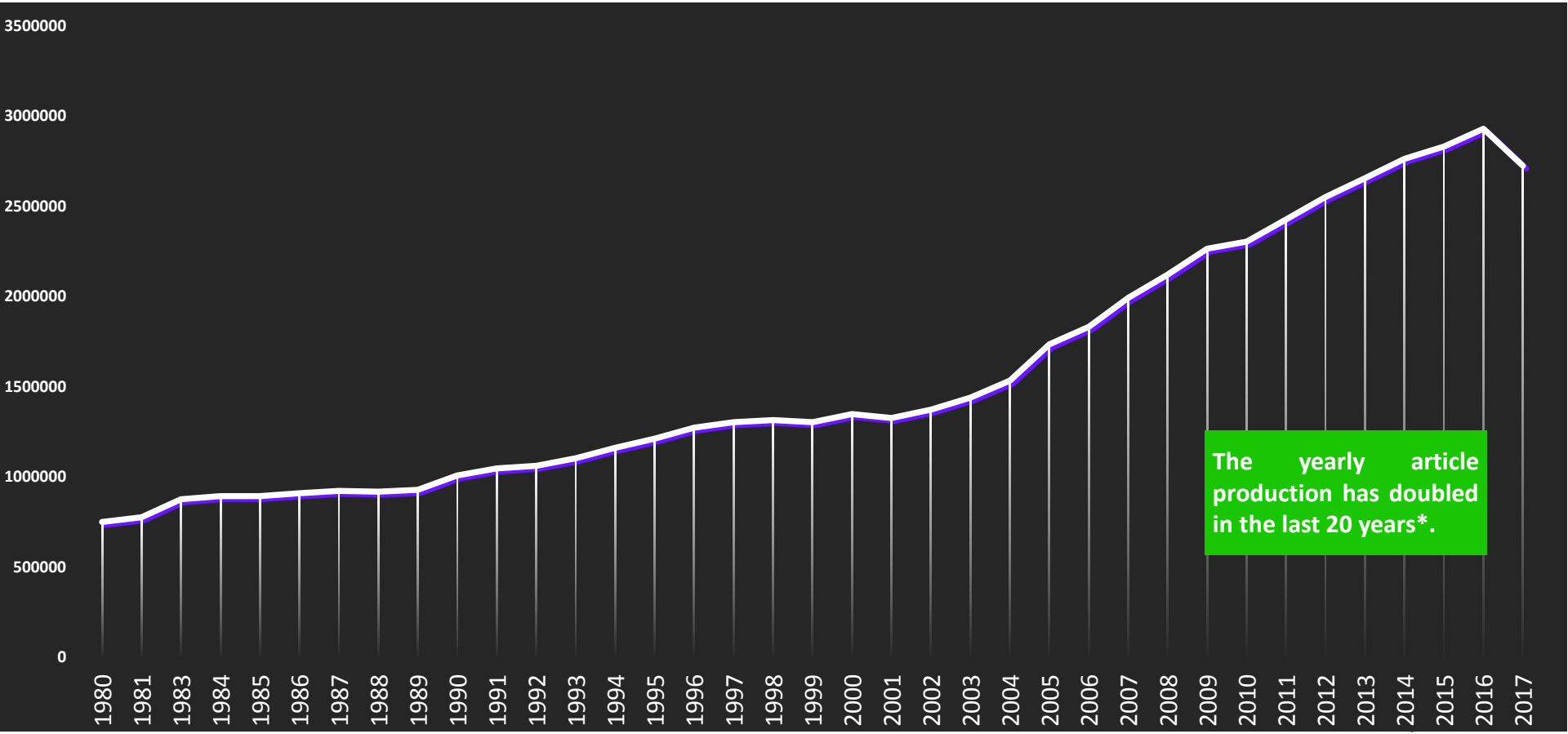
**1.7 MILLION+**
REVIEWS

**25,000+**
JOURNALS

- Individual faculty members can sign up and **use Publons for free**.
- Publons tracks completed peer reviews, not papers authored.
  - The reviewed article is NOT disclosed publicly, nor is the text of the review itself.
  - You can see the number of completed reviews, and the journals that a faculty member has reviewed for.
- Journal publishers verify reviews manually entered into the system. Publons also integrates with many publishers' journal management systems, so that a **reviewer's activities can be captured and made public automatically**.

Clarivate Analytics

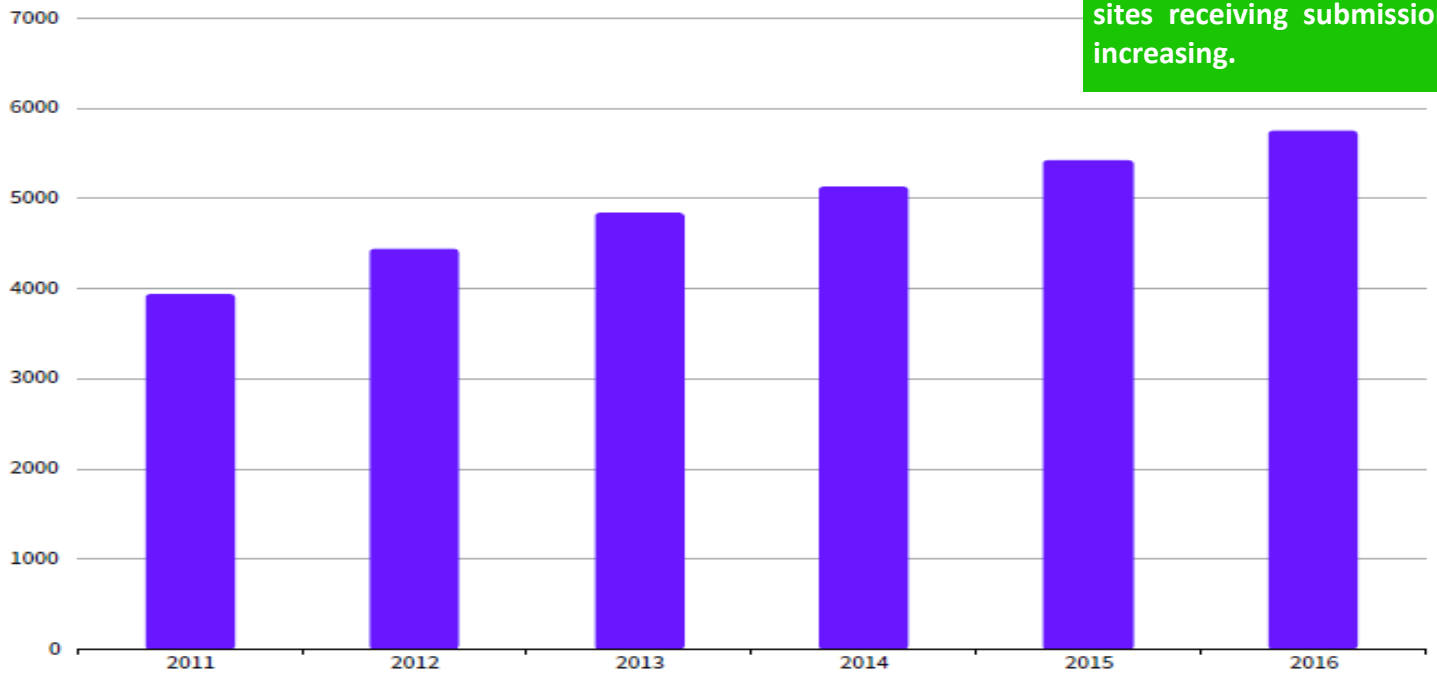
# Publication growth a clear trend




*Data from Web of Science Core Collection

# The consequence submission growth

The number of Scholarone sites receiving submission is increasing.




Clarivate Analytics

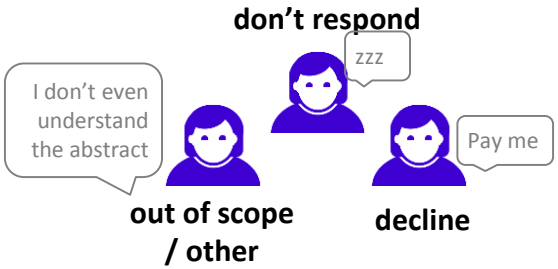
# Reviewers

SELECTED

INVITED

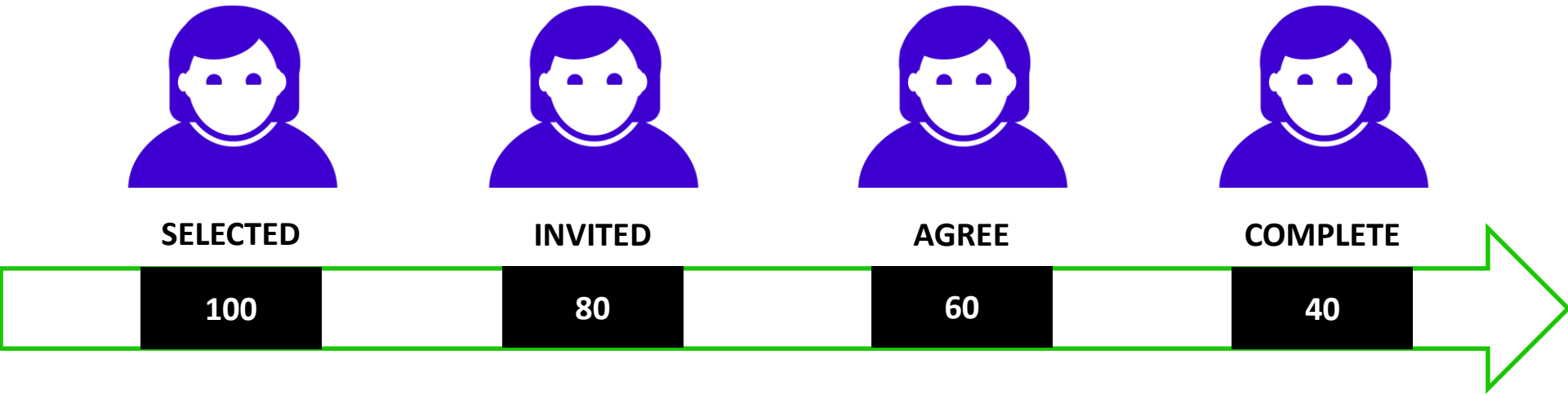
AGREE

COMPLETE




Clarivate Analytics

## Reviewers

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# Reviewer job is typically not rewarded every year around the world…

**4M**

**Reviewers**

**35M**

**Hours[1]**

**7M**

**Peer Reviews**

**$2.2BN**

**USD of unreported scholarly output[2]**

**50+**

**Average hours spent reviewing by one researcher**

**3,125**

**Average working days spent reviewing by an institution with 500 active researchers**

Clarivate Analytics

1. The STM Report: An overview of scientific and scholarly journal publishing, STM March 2015
2. The “Burden” of Peer Review, The Scholarly Kitchen

## A bad peer review may cause problems downstream

**RETRACTIONS**

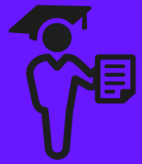
**FRAUDULENT REVIEW RISKS**

**PREDATORY PUBLISHING**

## Peer review is an essential skill that is not being taught

### TEACHING FACULTY

Lack resources to teach peer review, or covertly share their own reviewing assignments — often in breach of journal review policies.



### EARLY CAREER RESEARCHERS

Want to review, but are not learning how and struggle to be invited by editors.

### JOURNAL EDITORS

Spend millions of hours struggling to find peer reviewers.

# PUBLONS MISSION SPEED UP RESEARCH BY HARNESSING THE POWER OF PEER REVIEW

Clarivate Analytics

publons

# A brief history of Publons

## 2013

### PUBLONS FOUNDED

Small team in Wellington, New Zealand launch Publons — a new profile for researchers to track their peer review and editorial activity.

## 2015

### FIRST PUBLISHER INTEGRATIONS

Publisher partnerships allow automatic updates to a researcher's profile when a review is performed. Publishers and journals get access to a dashboard with tools and insights.

## MAY 2017

### PUBLONS ACADEMY LAUNCHED

First free and practical online course training researchers how to peer review with the help of a mentor.

## JULY 2017

### PUBLONS JOINS CLARIVATE ANALYTICS

Publons joins the home of *Web of Science,* leading to new features benefiting researchers, institutions, editors and publishers.

## SEPT. 2017

### PUBLONS FOR INSTITUTIONS PILOTED

First partnerships with universities to provide reports on the peer review and editorial work their researchers are doing.

Clarivate Analytics

## Publons today

Researcher Profiles

Publons Academy

Reviewer Recognition Service

Reviewer Connect

Publons For Institutions

**310k+**

REVIEWERS

**1.7m+**

REVIEWS

**1,950+**

INTEGRATED JOURNALS

**50+**

PARTNERED PUBLISHERS

# Academics now use Publons to track their peer review work

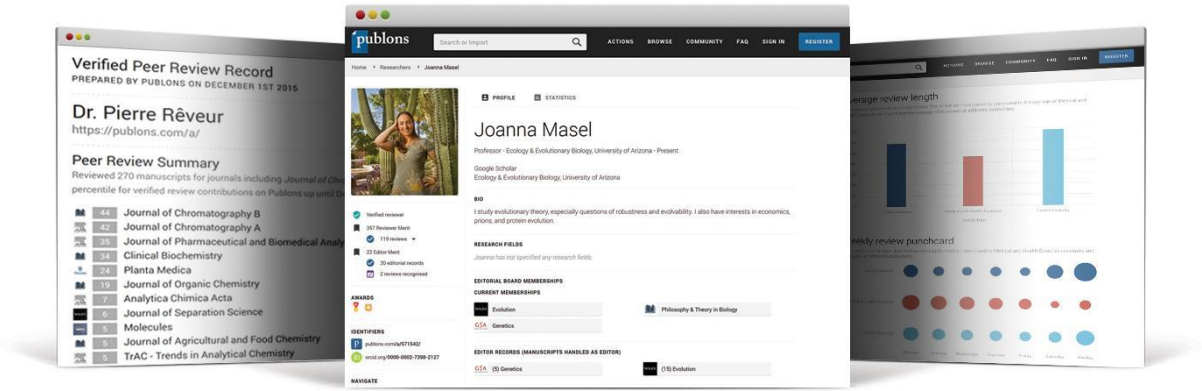
## 310,000 profiles

(March 2018)

**Publons provides academics with ready-to-use evidence of the peer review and editorial work they perform.**

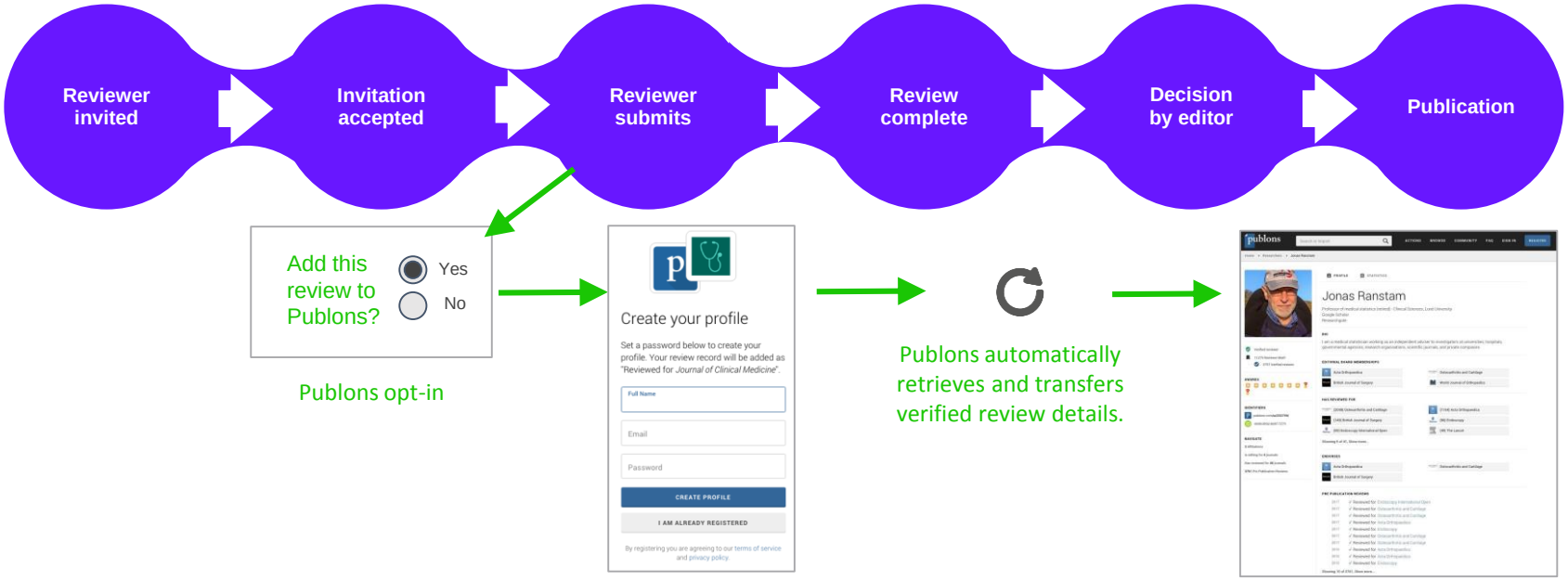
**Free and easy to use.**

- Track and showcase previously hidden peer review & editorial work for academic journals
- Link with ORCiD and ResearcherID
- Track *Web of Science* citations and *Altmetric* scores for papers authored, reviewed, or edited
- Manage peer review availability and invitations
- Comment on and assess published research
- Download a verified record of review and editorial work, for inclusion in CVs



# Keep track of your reviews with a few clicks

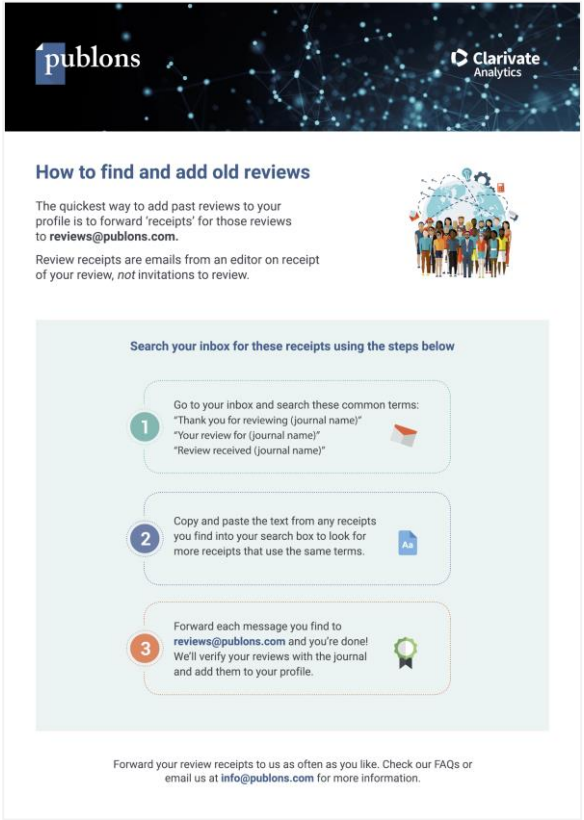
Automatically update your record thanks to integrations with over 1,950 journals




Clarivate Analytics

# Simple to add records for non-partnered journals

**We verify these records behind the scenes and add the records to your profile.**




- Email review receipts ('Thank you for reviewing emails) to reviews@publons.com
- Manually enter review details from your private dashboard.

Clarivate Analytics

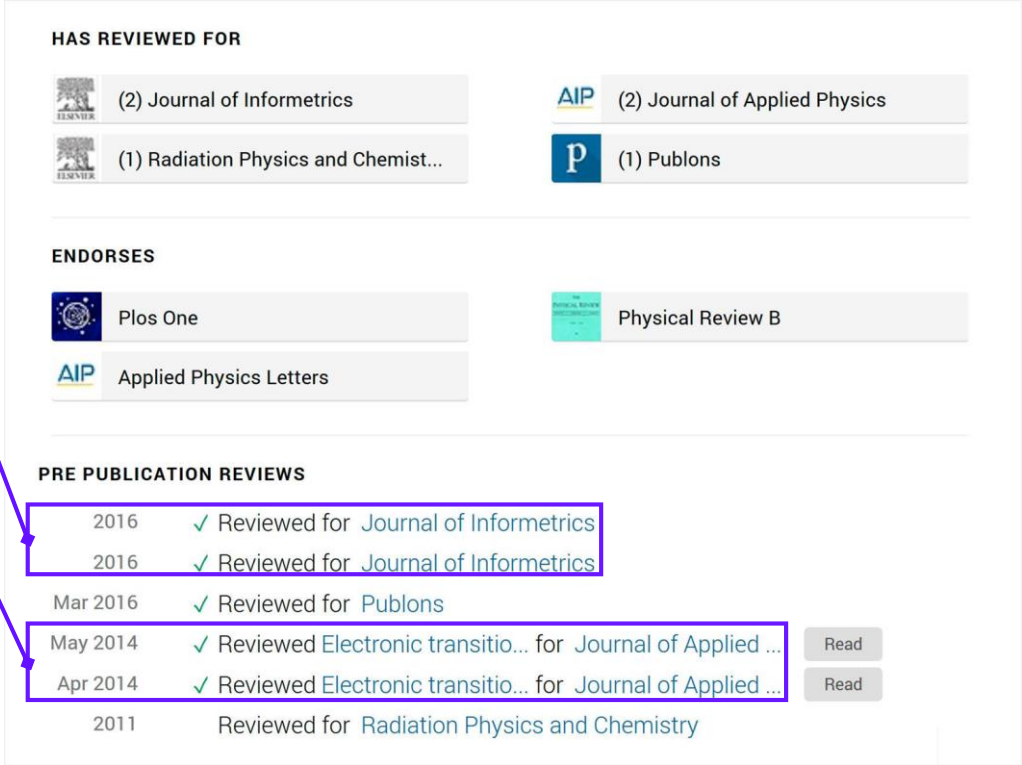
## What information is public?

By default, we only show the **name of the journal reviewed** for and the year the review was performed.

Where journal review policies permit, you can choose to sign your name to your reviews, show the **title of the manuscript reviewed**, and publish the content of the review.

No matter what settings are chosen, Publons never reveals information about a manuscript until the manuscript has been published.

Open reviews are linked to the article.

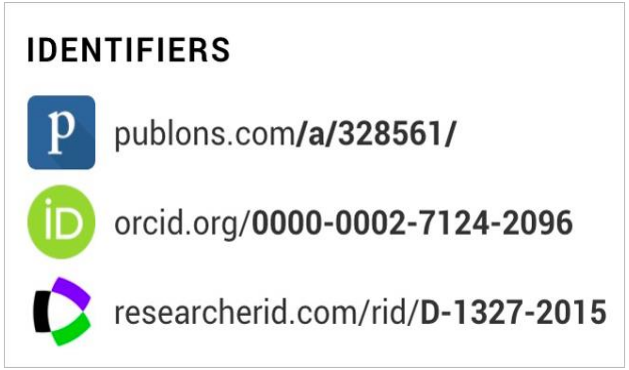



Clarivate Analytics

# Link with ORCiD and ResearcherID

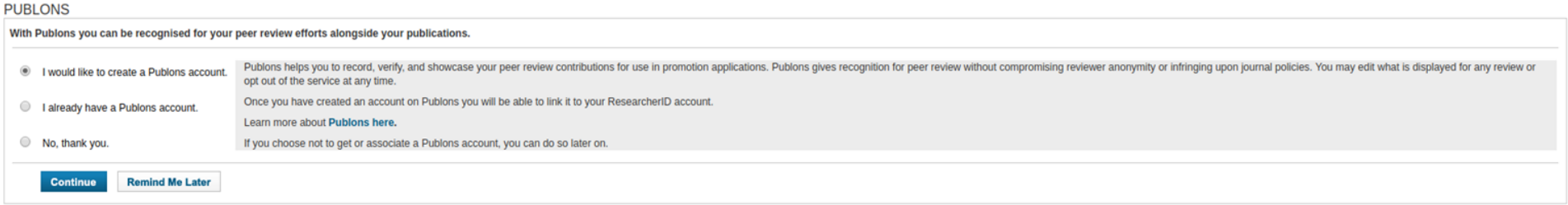
## From your profile settings:

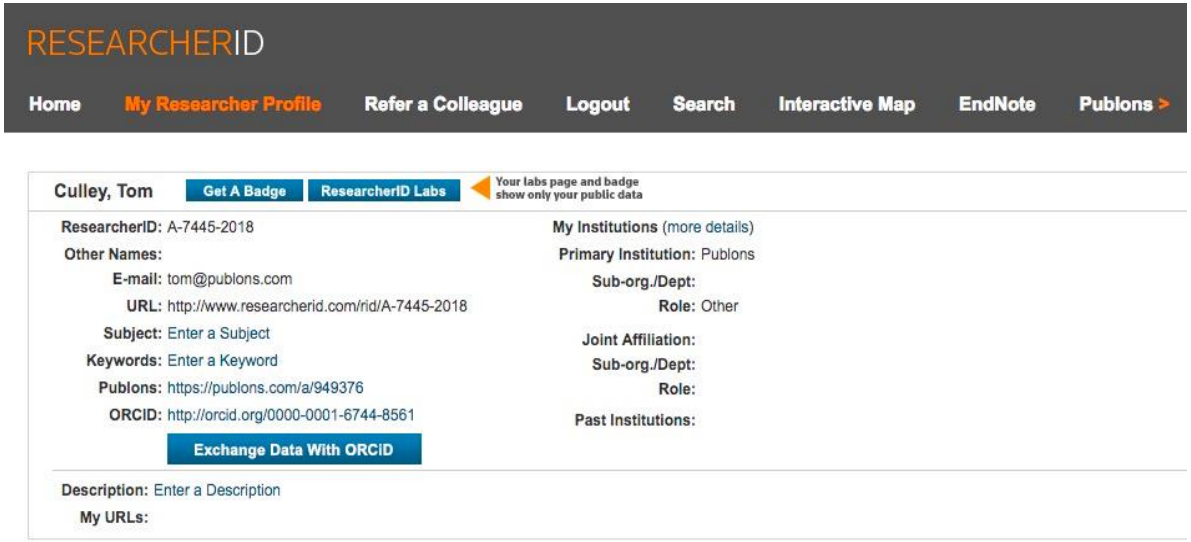
- Export your verified review history to your ORCiD and import your publications to Publons to increase visibility of your work.
- Link your ResearcherID.




Clarivate Analytics

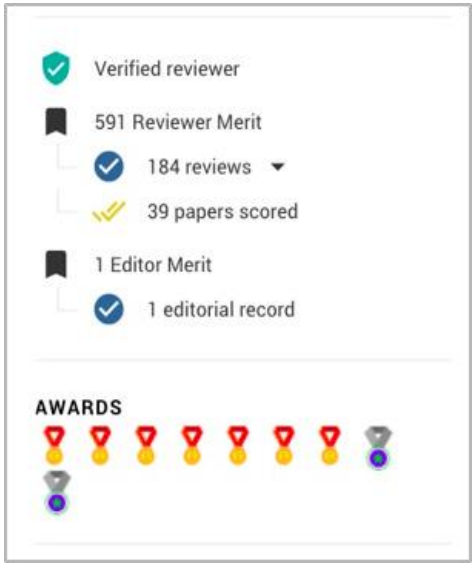
# Researcher ID integration




Clarivate Analytics

# Retrieve and showcase your awards




Publicly showcase your achievements from your profile.

**Download official certificates directly from your profile.**

**Highly Cited Researchers**

**Publons Academy Mentors or Graduates**

**Top peer reviewers**

Clarivate Analytics

# New for 2018 Publons Academy

## An online, practical, peer review training course for early-career researchers

- Developed together with expert academics and editors
- 10 modules, comprised of short videos, practice reviews and one-on-one supervision

## Researchers can:

- ✓ **Gain confidence** in the core competencies for peer review
- ✓ **Hone their academic writing skills** to impress editors
- ✓ **Build their profile as an expert** in their field and advance their career
- ✓ **Understand the peer review process**
- ✓ **Connect with journal editors** to start reviewing immediately

Learn More about Publons Academy

Clarivate Analytics

# Reviewer Connect

## Find, screen, and contact reviewers

Clarivate Analytics

7m+ authors (Web of Science)
citations from Web of Science

publons

310k+ reviewers
1.6m+ reviews
Reviewer profile and availability

**FIND**

**Comprehensive search parameters**

- Title
- Abstract
- Authors / applicants
- Exclude researchers
- (Journal)

**Powerful and accurate search**

Our powerful algorithm trawls the extensive Web of Science citation index and Publons exclusive review database to return up to 30 precise recommendations from over 7 million authors.

**SCREEN**

**360° view of reviewer candidates**

We surface more information to help our users choose the right review candidates to invite, including:

- Publications matched to search
- Publication, editorial, and review history
- Research fields
- Biography and institutional affiliations
- Current availability to review

**CONNECT**

**Reliably contact prospective reviewers**

By contacting reviewers via their Publons email address, invitations will be routed to the reviewer candidate preferred, verified, and current email address.

And rest assured, our system uses the latest technology to ensure full compliance with global data privacy regulations.

# Publons for Institutions

Our services for universities give administrators the tools and data required to help academics use peer review to advance their careers, and provide immediate value.

**It's expected reviews will be acknwoledged as another valid metrics for evaluating people and their career progression.**

**Reviewer Profiles**

We encourage and support academics to setup profiles they'll use to demonstrate their expertise.

**Reviewer Training**

Good reviewers make good researchers. The **Publons Academy** enables your faculty to easily teach and learn essential peer review skills and showcase their expertise to editors.

**Publons Dashboard**

We provide you the evidence and reports of peer review needed to strengthen assessments.

**Publons API**

Link up the API to CRIS or profile systems to get a complete picture of academic esteem.

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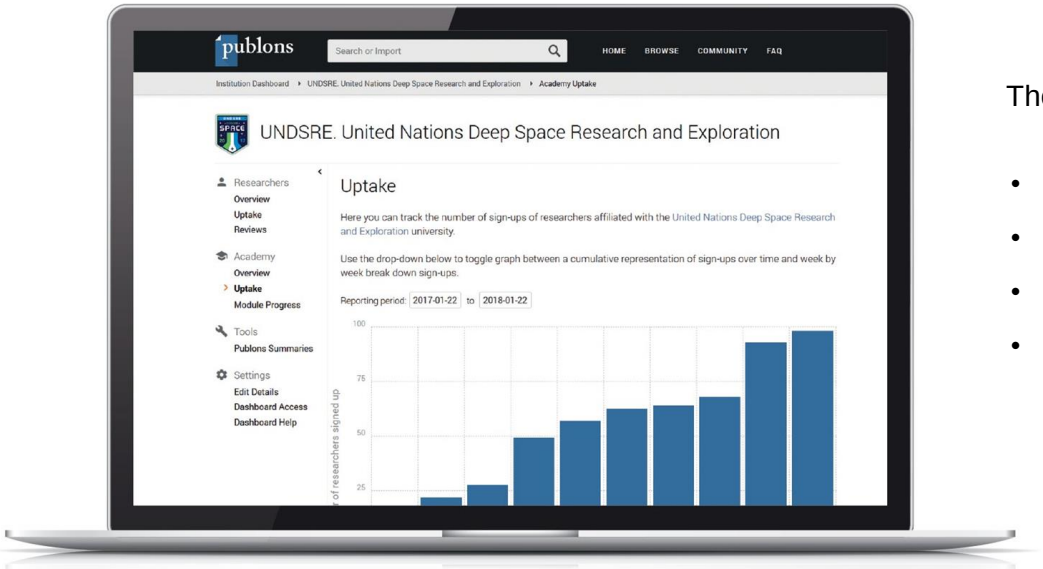
## Publons Dashboard

# Get an Easy Overview of the Stats of Your Institution's Researchers




The dashboard enables university administrators to:

- Gain insight into the peer review activity at their university
- Track uptake in different subject areas
- Identify your top peer reviewers and journal editors
- Access reports and summaries for easy use in assessments and funding applications

Clarivate Analytics

# InCites Benchmark & Analytics

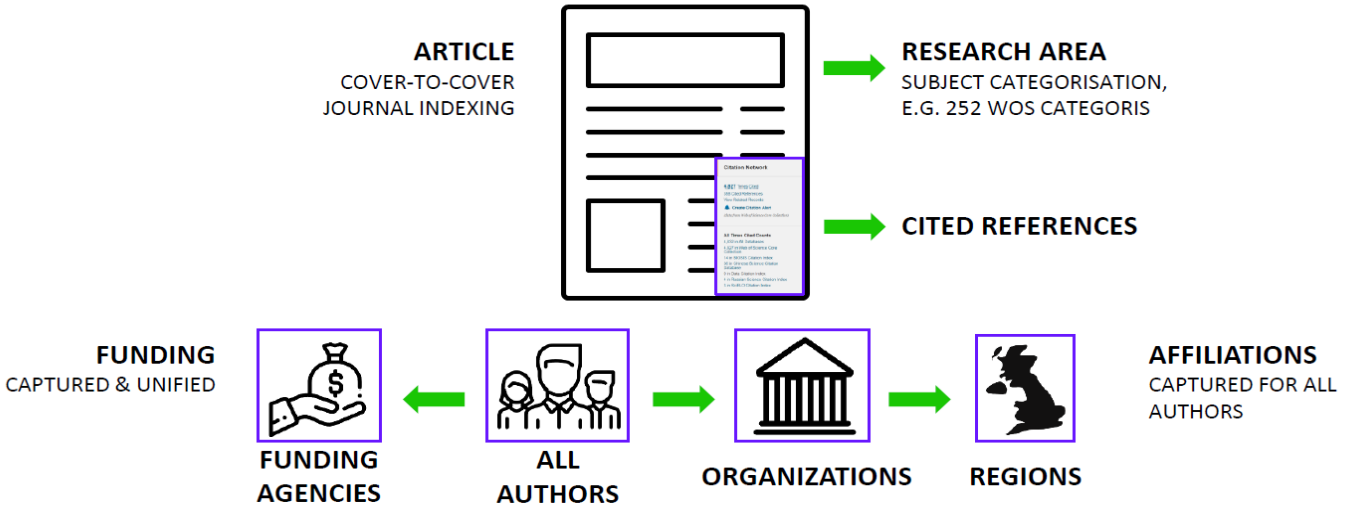
Clarivate Analytics

# Citation Metrics

**are only valid as the data behind them**

**Cover-to-Cover and consistent Capture of Metada**

**Robust Performance Analysis**

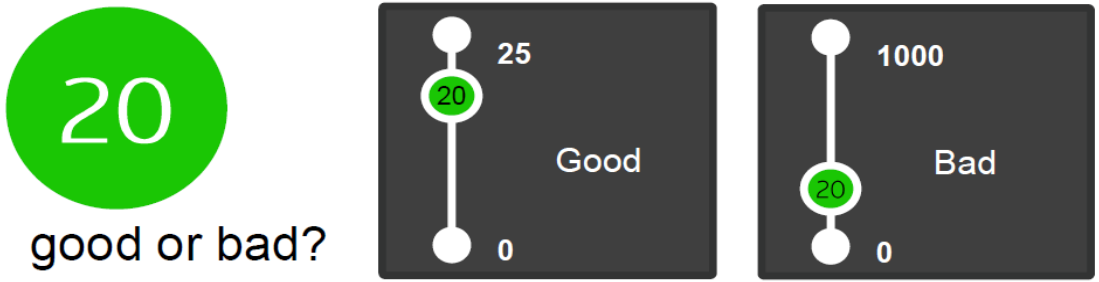



**InCites Benchmarking & Analytics is built upon the key characteristics of Web of Science Core Collection**

Clarivate Analytics

# InCites Benchmark & Analytics

**Normalization**




**CONTEXT IS EVERYTHING**

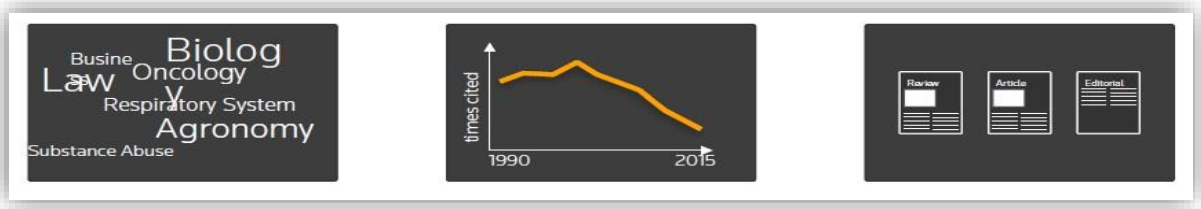
INDICATORS MUST BE PUT INTO CONTEXT TO BE USEFUL:
CATEGORY, JOURNAL, PEERS, GLOBAL

- **NORMALIZED INDICATORS — for relative performance comparisons**
- **PERCENTILES — where does it fall in the range of values?**
- **BENCHMARKS — how does it compare with a group or globally?**

Clarivate Analytics

# InCites Benchmark & Analytics

**Normalization**




**Discipline**
citation patterns vary by subject category

**Time**
citations accrue over time and at different rates

**Document Type**
citations vary by document type

For accurate and fair research assessment, citation data should be **normalized** by discipline, year and publication type.

it allows comparisons between entities of different sizes and different subject mixes.

**Normalized Citation Impact** is an ideal indicator for benchmarking at all organizational levels (author, institution, region etc).

Clarivate Analytics

# InCites Benchmark & Analytics

## Main Normalized indicators

| | |
|---|---|
| **Category Normalized Citation Impact** | The Category Normalized Citation Impact (CNCI) of a document is calculated by dividing the actual count of citing items by the expected citation rate for documents with the same document type, year of publication and subject area. When a document is assigned to more than one subject area an average of the ratios of the actual to expected citations is used. The CNCI of a set of documents, for example the collected works of an individual, institution or country/region, is the average of the CNCI values for all the documents in the set.<br>CNCI is a valuable and unbiased indicator of impact irrespective of age, subject focus of document type. An CNCI value of 1 represents performance at par with world average, values above 1 are considered above average and values below 1 are considered below average. |
| **Journal Normalized Citation Impact** | Citation impact (citations per paper) normalized for journal, year and document type |
| **Average Percentile** | The percentile of a publication is determined by creating a citation frequency distribution for all the publications in the same year, subject category and of the same document type (arranging the papers in descending order of citation count), and determining the percentage of papers at each level of citation, i.e., the percentage of papers cited more often than the paper of interest. If a paper has a percentile value of one, then 99 percent of the papers in the same subject category, year and of the same document type have a citation count that is lower. |
| **Impact Relative to World** | Impact Relative to World indicator is the ratio of the Citation Impact of a set of documents divided by the world Citation Impact for a given period of time |

Clarivate Analytics

# InCites Benchmark & Analytics

**Web of Science Categories**

## Large - Scale Analysis of the Accuracy of the Journal Classification Systems of Web of Science and Scopus **(Wang, Waltman, 2016)**

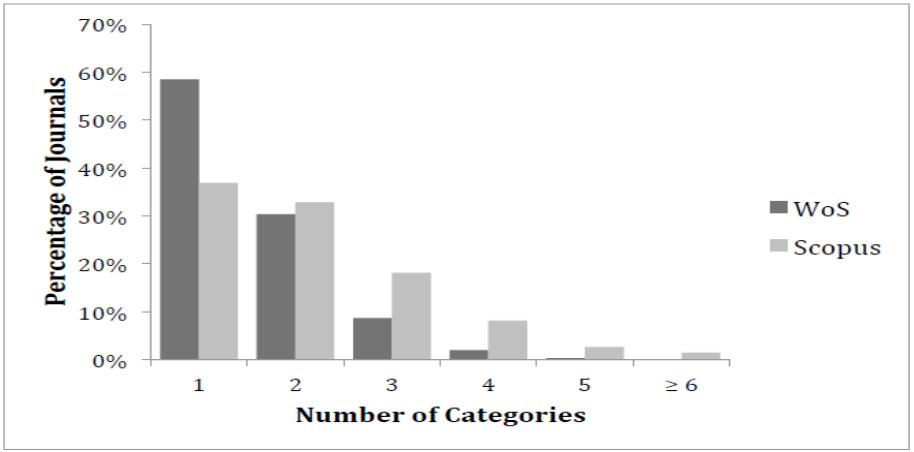


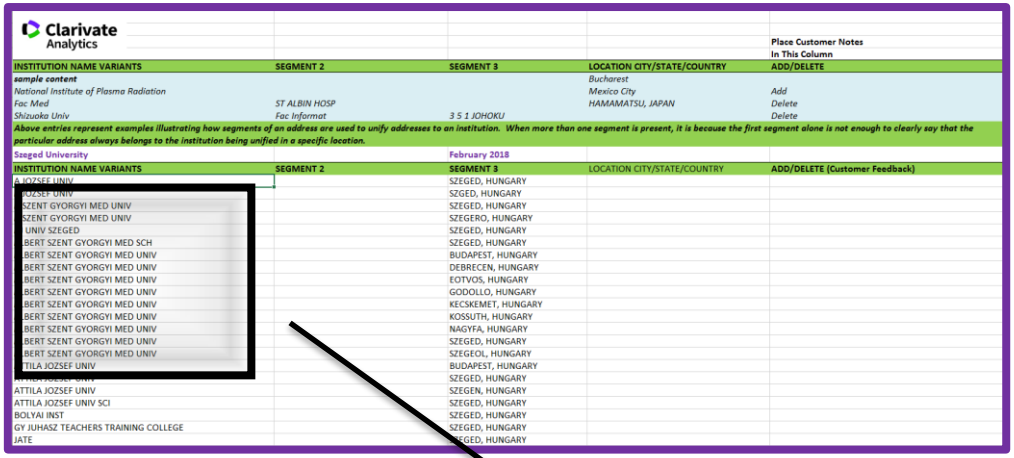

Figure 1. Distribution of journals in WoS and Scopus based on the number of categories to which they are assigned

Almost 60% of all journals In WoS belong to one category, whereas in Scopus more than 60% of Journals are assigned to two or more categories

Clarivate Analytics

# Organization Enhanced

**A key pillar**



Clarivate Analytics

| | | | | Place Customer Notes In This Column |
|---|---|---|---|---|
| **INSTITUTION NAME VARIANTS** | **SEGMENT 2** | **SEGMENT 3** | **LOCATION CITY/STATE/COUNTRY** | **ADD/DELETE** |
| ***sample content*** | | | *Bucharest* | |
| *National Institute of Plasma Radiation* | | | *Mexico City* | *Add* |
| *Fac Med* | *ST ALBIN HOSP* | | *HAMAMATSU, JAPAN* | *Delete* |
| *Shizuoka Univ* | *Fac Informat* | *3 5 1 JOHOKU* | | *Delete* |
| ***Above entries represent examples illustrating how segments of an address are used to unify addresses to an institution. When more than one segment is present, it is because the first segment alone is not enough to clearly say that the particular address always belongs to the institution being unified in a specific location.*** | | | | |
| **Szeged University** | | **February 2018** | | |
| **INSTITUTION NAME VARIANTS** | **SEGMENT 2** | **SEGMENT 3** | LOCATION CITY/STATE/COUNTRY | **ADD/DELETE (Customer Feedback)** |
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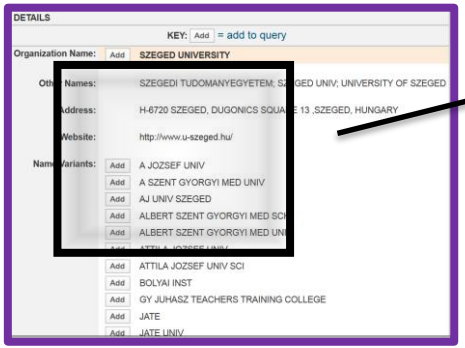
| A JOZSEF UNIV | | SZGED, HUNGARY | | |
| A SZENT GYORGYI MED UNIV | | SZEGED, HUNGARY | | |
| SZENT GYORGYI MED UNIV | | SZEGERO, HUNGARY | | |
| UNIV SZEGED | | SZEGED, HUNGARY | | |
| BERT SZENT GYORGYI MED SCH | | SZEGED, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | BUDAPEST, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | DEBRECEN, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | EOTVOS, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | GODOLLO, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | KECSKEMET, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | KOSSUTH, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | NAGYFA, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | SZEGED, HUNGARY | | |
| BERT SZENT GYORGYI MED UNIV | | SZEGEOL, HUNGARY | | |
| TILA JOZSEF UNIV | | BUDAPEST, HUNGARY | | |
| [illegible] | | SZEGED, HUNGARY | | |
| ATTILA JOZSEF UNIV | | SZEGEN, HUNGARY | | |
| ATTILA JOZSEF UNIV SCI | | SZEGED, HUNGARY | | |
| BOLYAI INST | | SZEGED, HUNGARY | | |
| GY JUHASZ TEACHERS TRAINING COLLEGE | | SZEGED, HUNGARY | | |
| JATE | | SZEGED, HUNGARY | | |



DETAILS

KEY: Add = add to query

Organization Name: Add SZEGED UNIVERSITY

Other Names: SZEGEDI TUDOMANYEGYETEM; SZEGED UNIV; UNIVERSITY OF SZEGED

Address: H-6720 SZEGED, DUGONICS SQUARE 13 ,SZEGED, HUNGARY

Website: http://www.u-szeged.hu/

Name Variants:

- Add A JOZSEF UNIV
- Add A SZENT GYORGYI MED UNIV
- Add AJ UNIV SZEGED
- Add ALBERT SZENT GYORGYI MED SCH
- Add ALBERT SZENT GYORGYI MED UNIV
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- Add BOLYAI INST
- Add GY JUHASZ TEACHERS TRAINING COLLEGE
- Add JATE
- Add JATE UNIV

## ORGANISATION ENHANCED MAPPING

This is a win-win collaboration: we need your continuous support and you need us to be better represented and increase your visibility

Clarivate Analytics

# Web of Science: indexing

**We provide complete author data so you can really analyze collaboration.**

**We provide complete author data so you can really analyze collaboration.**

All author names and all author addresses are indexed in the Web of Science Core Collection.

## Independent research shows that our competitor is less consistent:

**"Some author addresses appear to be missing in Scopus, [and] these fluctuating patterns are not observed when using the WoS data. Scopus is highly-affected by database coverage and data quality…."[2]**

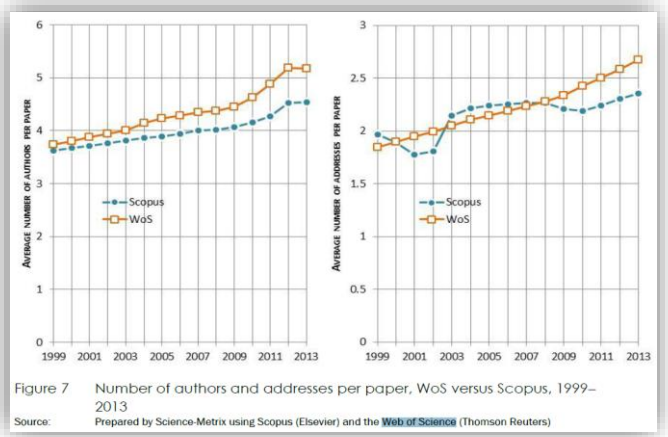
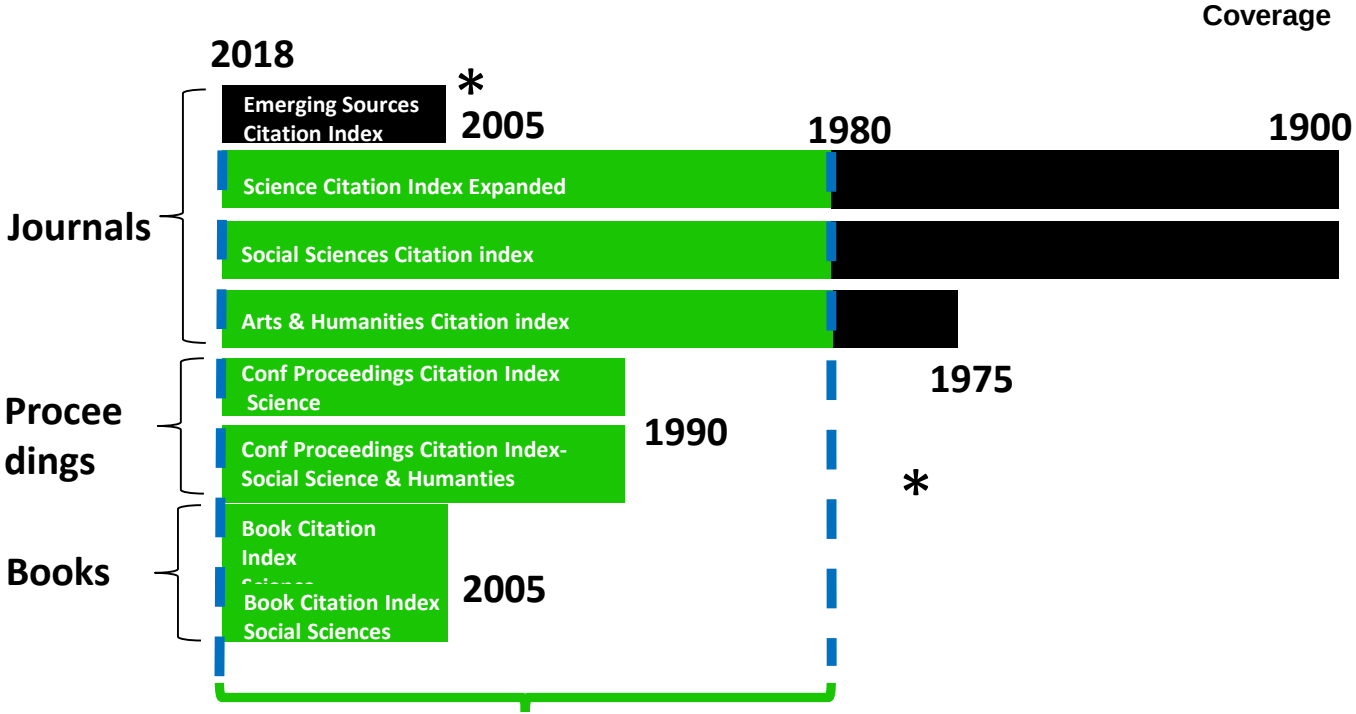



Figure from: Côté, G., Roberge, G., & Archambault, É. (2016). *Bibliometrics and Patent Indicators for the Science and Engineering Indicators 2016: Comparison of 2016 Bibliometric Indicators to 2014 Indicators.*

[2]Côté, G., Roberge, G., & Archambault, É. (2016). *Bibliometrics and Patent Indicators for the Science and Engineering Indicators 2016: Comparison of 2016 Bibliometric Indicators to 2014 Indicators.*

Clarivate Analytics

# WoS Core Collection on InCites

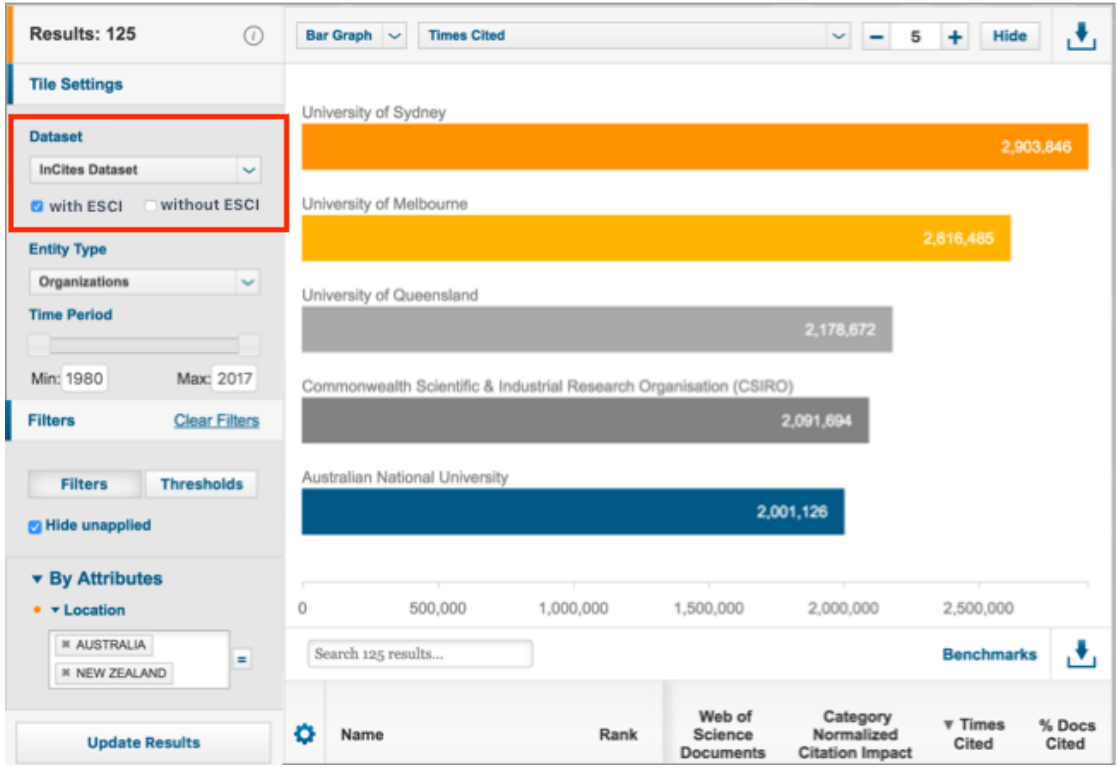



**This is the Web of Science Core Collection content that gets analysed into Incites. Data and metrics are updated every month.**

Clarivate Analytics

# ESCI on InCites

**Near future**




Clarivate Analytics

# InCites at a glance

## Key Features

**Web Based**

- No set up time.
- InCites is up and running and hw or sw installations are not needed

**Extensive Coverage**

- The largest and most consistent bibliometrics platform: **~55M records**, +13,100 journals, + 190,000 Conferences and + 88,000 books.
- Full WOS Main Indexes coverage of last 38 years (no citation walls) !

**Fully Integrated with WOS-CC**

- Content Updates every month.
- Seamlessly possibility to **save up to 20 dataset from WOS-CC**

**Benchmark Capabilities**

- Benchmark your institution with more than 9,100 organisations worldwide.
- **Create your own baselines** for any entities (people, institutions, countries)

**Interoperable and Easy to Use**

- Users can save everything, can set up their own bibliometrics cockpit (dashboard), do **trend analysis** for all 38 years, work collaboratively sharing reports and export graphs or underlying data (50k records as export limit)

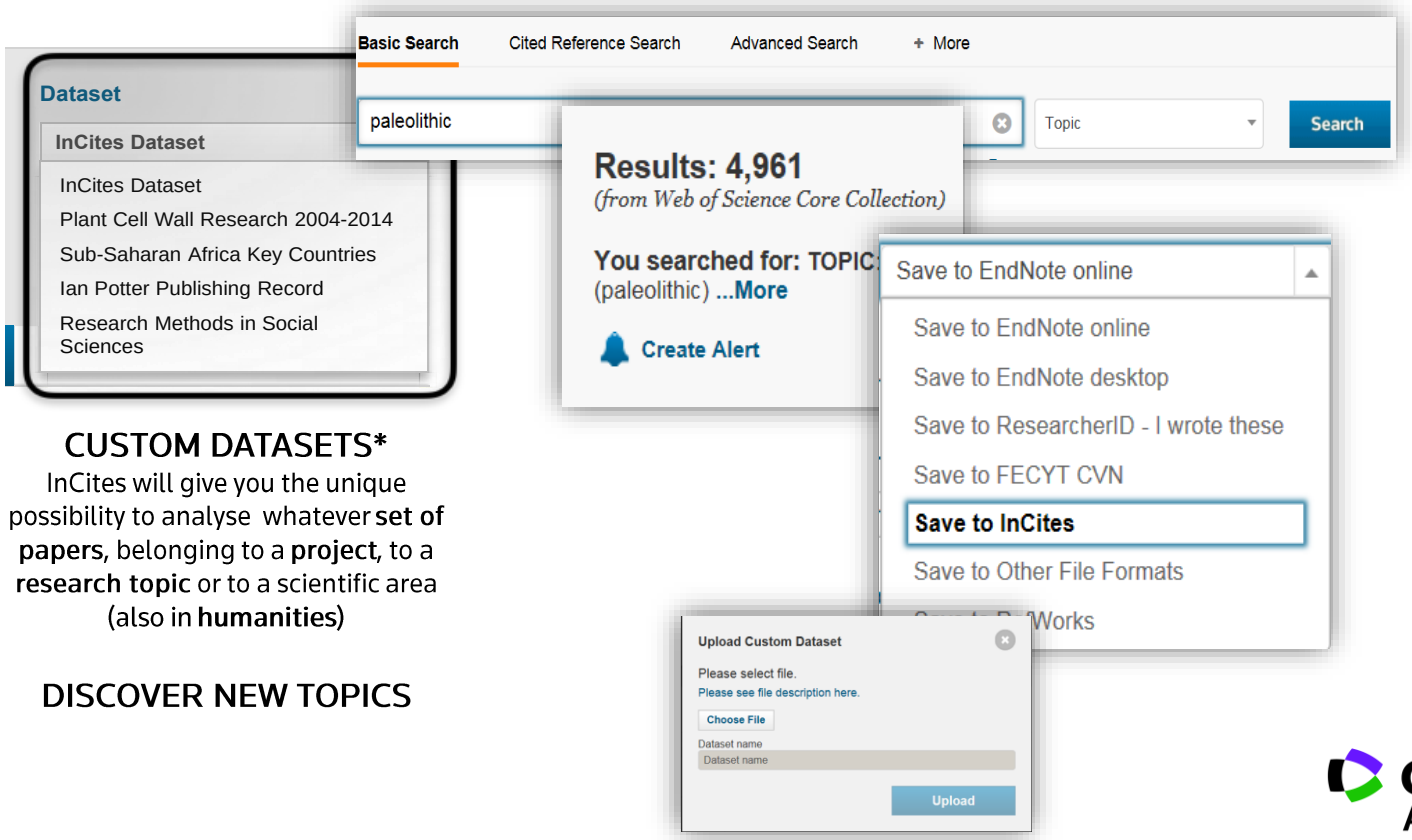
**Bibliometrics**

- Availability of indicators for **productivity and impact, collaboration, top performance**, etc…
- Availability of **normalised indicators** for several categorizations
- Availability of “ready to go” reports **(system reports)**

Clarivate Analytics

# InCites Benchmark & Analytics

**Custom Dataset Analysis**




## CUSTOM DATASETS*

InCites will give you the unique possibility to analyse whatever **set of papers**, belonging to a **project**, to a **research topic** or to a scientific area (also in **humanities**)

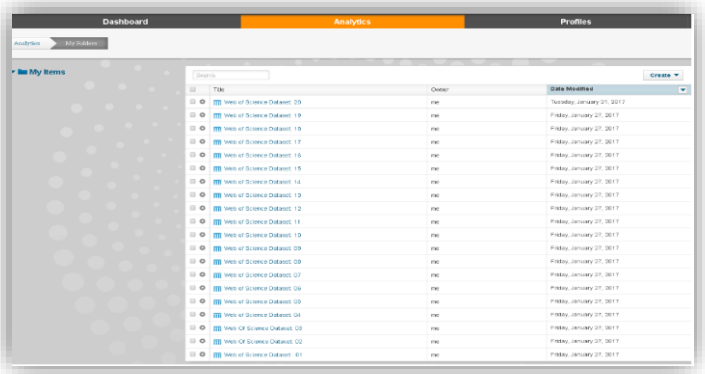
## DISCOVER NEW TOPICS

* Custom Dataset can also be created uplaoding a txt or csv

Clarivate Analytics

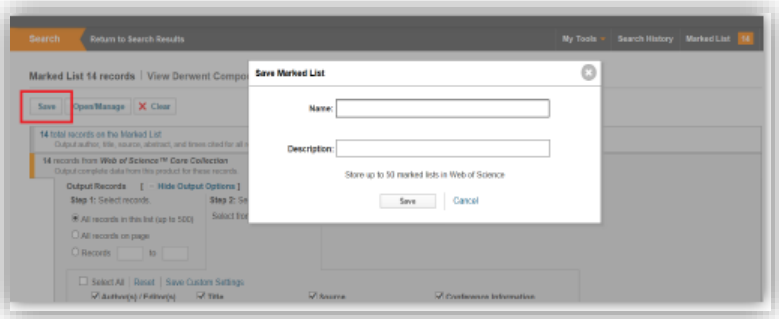
# InCites Benchmark & Analytics

**Departmental Analysis – Final Step**




SAVE TO INCITES WORKFLOW:
20 DATASETS PER USER

ADD TO MARKET LIST FUNCTION :
UP TO 50,000 DOCUMENTS PER MARKED LIST

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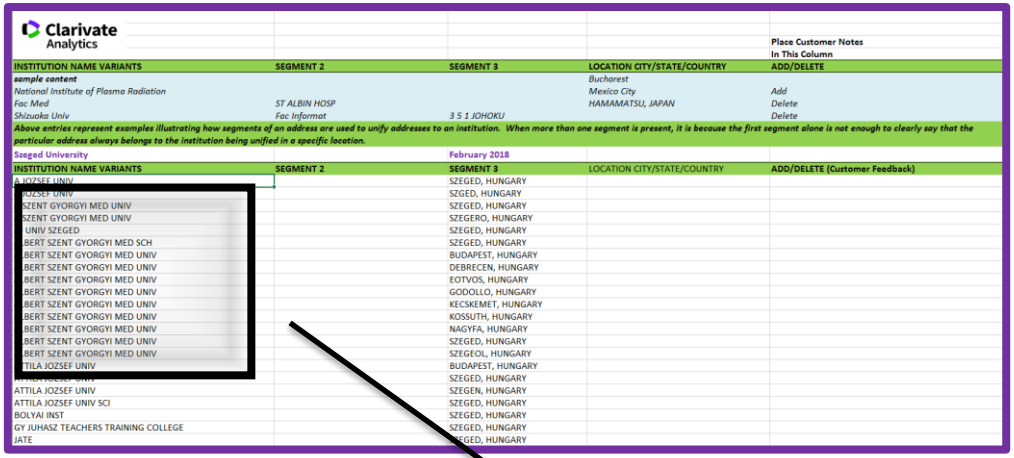
**A key pillar**



Clarivate Analytics

| | | | | Place Customer Notes In This Column |
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| SZENT GYORGYI MED UNIV | | SZEGERO, HUNGARY | | |
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| BERT SZENT GYORGYI MED UNIV | | SZEGEOL, HUNGARY | | |
| TILA JOZSEF UNIV | | BUDAPEST, HUNGARY | | |
| [illegible] | | SZEGED, HUNGARY | | |
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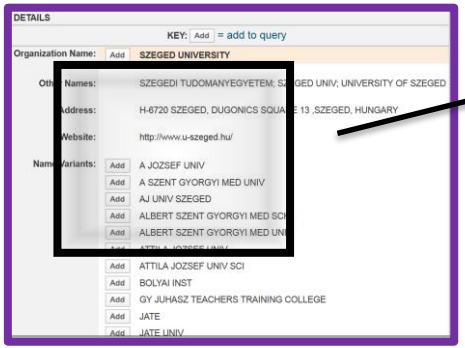
| ATTILA JOZSEF UNIV SCI | | SZEGED, HUNGARY | | |
| BOLYAI INST | | SZEGED, HUNGARY | | |
| GY JUHASZ TEACHERS TRAINING COLLEGE | | SZEGED, HUNGARY | | |
| JATE | | SZEGED, HUNGARY | | |



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## ORGANISATION ENHANCED MAPPING

This is a win-win collaboration: we need your continuous support and you need us to be better represented and increase your visibility

Clarivate Analytics

# InCites Benchmark & Analytics

## Benchmark Analysis

CUSTOM AGGREGATION AVAILABILITY

Creat your own group

| Name | Rank | Web of Science Documents | Citation Impact | Category Normalized Citation Impact | ▼ Times Cited | % Docs Cited | % International Collaborations | % Industry Collaborations |
|---|---|---|---|---|---|---|---|---|
| Baseline for Pinned Items | n/a | 8,155,197 | 15.88 | 1.07 | 129,511,491 | 69.51% | 31.13% | 2.03% |
| GERMANY (FED REP GER) | 2 | 3,382,076 | 17.47 | 1.16 | 57,687,842 | 69.5% | 34.51% | 2.58% |
| FRANCE | 3 | 2,341,418 | 17.55 | 1.14 | 41,096,189 | 71.22% | 36.37% | 2.75% |
| ITALY | 4 | 1,745,695 | 15.59 | 1.14 | 27,217,902 | 70.01% | 33.87% | 1.83% |
| SPAIN | 5 | 1,253,406 | 14.25 | 1.07 | 17,865,101 | 69.85% | 35.11% | 1.59% |
| 4 pinned items | | | | | | | | Unpin all |
| EU-25 Totals | 1 | 16,194,206 | 15.56 | 1.09 | 251,908,012 | 67.54% | 26.49% | 1.8% |

STANDARD AGGREGATION AVAILABILITY

International: EU-15, OECD, etc

Regional: USA, Canada, Brasil, etc

Clarivate Analytics

# InCites Benchmark & Analytics

**Benchmark Analysis**

## CUSTOM AGGREGATION

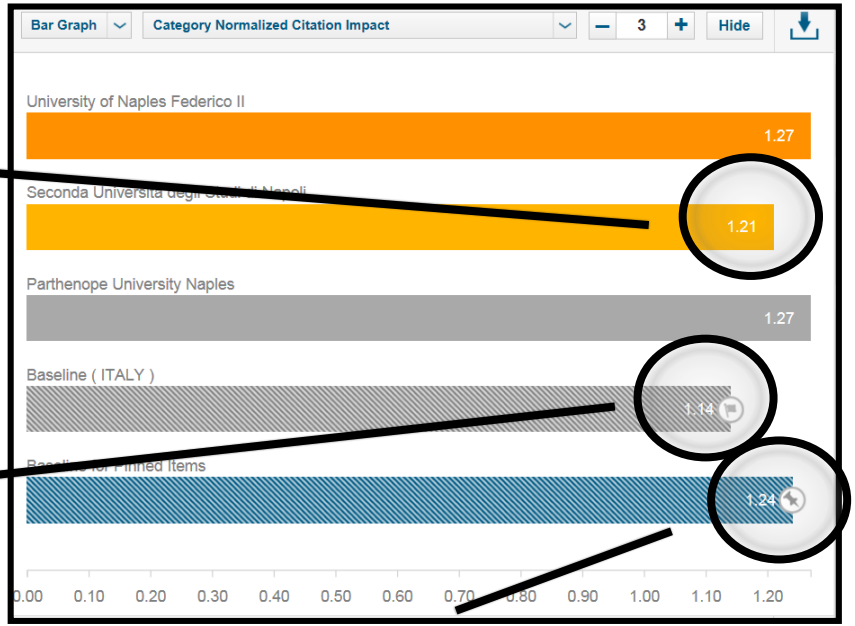
What if you are a city stakeholder and want to know about how research is going on Naples area ?

## ENTITIES

Select institutions you want to merge and get individual indicators. Picture them on the chart

## COUNTRY BASELINE

Select and add to your analysis, country or world baseline




## CUSTOM GROUP

Get the baseline for the “grouped” institution
Papers are deduplicated

Clarivate Analytics

# InCites at a glance

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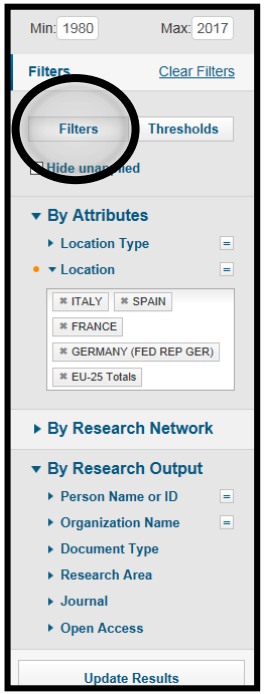
Clarivate Analytics

# InCites

## Graphs and Filters




**Filter by**

Years
Doc Types
Research Areas (1M baselines)
Open Access

**GRAPHS & CHARTS**

Several Options
Different for modules
Exportable

**NEW**

Scatterplot
5-Year Trend Analysis

Clarivate Analytics

# BIG DATA: POPULATE YOUR IR

## Download and then import the article level metrics (50K records limit)

| Accession | DOI | Pubmed I | Article Title | Authors | Source | Research | Volume | Issue | Pages | Publicatio | Times Cit | Link | Journal Ex | Category | Journal Ni | Category | Percentile | Journal Impact Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WOS:000298 | 10.1055/s-0( | MEDLINE:22 | Management of precancerous conditions and lesions | Dinis-Ribeiro, M.; Areia, M | ENDOSCOPY | SURGERY; G/ | 44 | 1 | 74-94 | 2012 | 192 | https://gate | 18.15 | 10.26 | 10.58 | 18.71 | 0.04 | 5.63 |
| WOS:000314 | 10.1055/s-0( | MEDLINE:23 | Bowel preparation for colonoscopy: European Society | Hassan, C.; Bretthauer, M. | ENDOSCOPY | SURGERY; G/ | 45 | 2 | 142-150 | 2013 | 98 | https://gate | 12.12 | 7.72 | 8.09 | 12.69 | 0.09 | 5.63 |
| WOS:000300 | 10.1055/s-0( | MEDLINE:22 | Biliary stenting: Indications, choice of stents and resu | Dumonceau, J. -M.; Tringal | ENDOSCOPY | SURGERY; G/ | 44 | 3 | 277-+ | 2012 | 95 | https://gate | 18.15 | 10.26 | 5.23 | 9.26 | 0.24 | 5.63 |
| WOS:000295 | 10.1055/s-0( | MEDLINE:22 | Learning, techniques, and complications of endoscop | Polkowski, M.; Larghi, A.; V | ENDOSCOPY | SURGERY; G/ | 44 | 2 | 190-206 | 2012 | 89 | https://gate | 18.15 | 10.26 | 4.9 | 8.67 | 0.28 | 5.63 |
| WOS:000324 | 10.1055/s-0( | MEDLINE:24 | Post-polypectomy colonoscopy surveillance: Europea | Hassan, Cesare; Quintero, | ENDOSCOPY | SURGERY; G/ | 45 | 10 | 842-851 | 2013 | 86 | https://gate | 12.12 | 7.72 | 7.1 | 11.13 | 0.15 | 5.63 |
| WOS:000295 | 10.1055/s-0( | MEDLINE:22 | Efficacy and safety of endoscopic submucosal dissect | Repici, A.; Hassan, C.; Pess | ENDOSCOPY | SURGERY; G/ | 44 | 2 | 137-U123 | 2012 | 83 | https://gate | 24.88 | 15.66 | 3.34 | 5.3 | 0.86 | 5.63 |
| WOS:000307 | 10.1055/s-0( | MEDLINE:22 | Endoscopic treatment of chronic pancreatitis: Europe | Dumonceau, J-M.; Delhaye | ENDOSCOPY | SURGERY; G/ | 44 | 8 | 784-796 | 2012 | 65 | https://gate | 18.15 | 10.26 | 3.58 | 6.33 | 0.65 | 5.63 |
| WOS:000312 | 10.1055/s-0( | n/a | European guidelines for quality assurance in colorect | von Karsa, L.; Patnick, J.; Se | ENDOSCOPY | SURGERY; G/ | 45 | 1 | 51-59 | 2013 | 65 | https://gate | 12.12 | 7.72 | 5.36 | 8.41 | 0.31 | 5.63 |
| WOS:000305 | 10.1055/s-0( | MEDLINE:22 | Endoscopic submucosal dissection in large sessile lesi | Probst, A.; Golger, D.; Anth | ENDOSCOPY | SURGERY; G/ | 44 | 7 | 660-667 | 2012 | 64 | https://gate | 18.15 | 10.26 | 3.53 | 6.24 | 0.68 | 5.63 |
| WOS:000303 | 10.1055/s-0( | MEDLINE:22 | Colon capsule endoscopy: European Society of Gastro | Spada, C.; Hassan, C.; Galm | ENDOSCOPY | SURGERY; G/ | 44 | 5 | 527-535 | 2012 | 61 | https://gate | 18.15 | 10.26 | 3.36 | 5.94 | 0.76 | 5.63 |
| WOS:000305 | 10.1055/s-0( | MEDLINE:22 | The NordICC Study: Rationale and design of a random | Kaminski, M. F.; Bretthaue | ENDOSCOPY | SURGERY; G/ | 44 | 7 | 695-702 | 2012 | 56 | https://gate | 18.15 | 10.26 | 3.09 | 5.46 | 0.98 | 5.63 |
| WOS:000310 | 10.1055/s-0( | MEDLINE:22 | Intralesional steroid injection to prevent stricture aft | Hanaoka, N.; Ishihara, R.; T | ENDOSCOPY | SURGERY; G/ | 44 | 11 | 1007-1011 | 2012 | 52 | https://gate | 15 | 16 | 7 | 12 | 15 | 5.63 |
| WOS:000305 | 10.1055/s-0( | MEDLINE:22 | Quality in screening colonoscopy: position statement | Rembacken, B.; Hassan, C., | ENDOSCOPY | SURGERY; G/ | 44 | 10 | 957-968 | 2012 | 52 | https://gate | 1 | 2 | 3 | 4 | 5 | 6 |

**Key article level indicators**

1. Journal expected citations — average number of citations for a document of the same type, published in the same year, and journal
2. Category expected citations — average number of citations for a document of the same type, published in the same year, and category
3. Journal normalized citation impact — ratio of actual to expected citations for the journal
4. Category normalized citation impact — ratio of actual to expected citations for the category
5. Percentile in subject area — where in the citation range for documents of the same type, publication year, and category (from 0 [top] to 100 [bottom])
6. Journal Impact Factor — impact factor for the journal in the document's publication year

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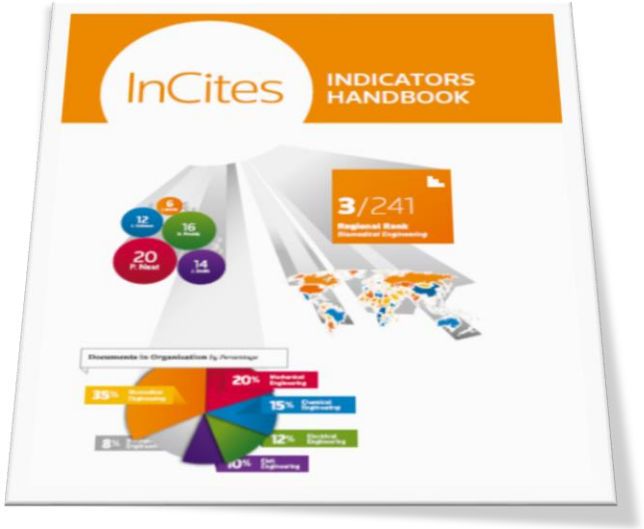
Clarivate Analytics

# InCites Benchmark & Analytics

**Indicators Handbook**




http://ipscience-help.thomsonreuters.com/inCites2Live/indicatorsGroup/aboutHandbook.html

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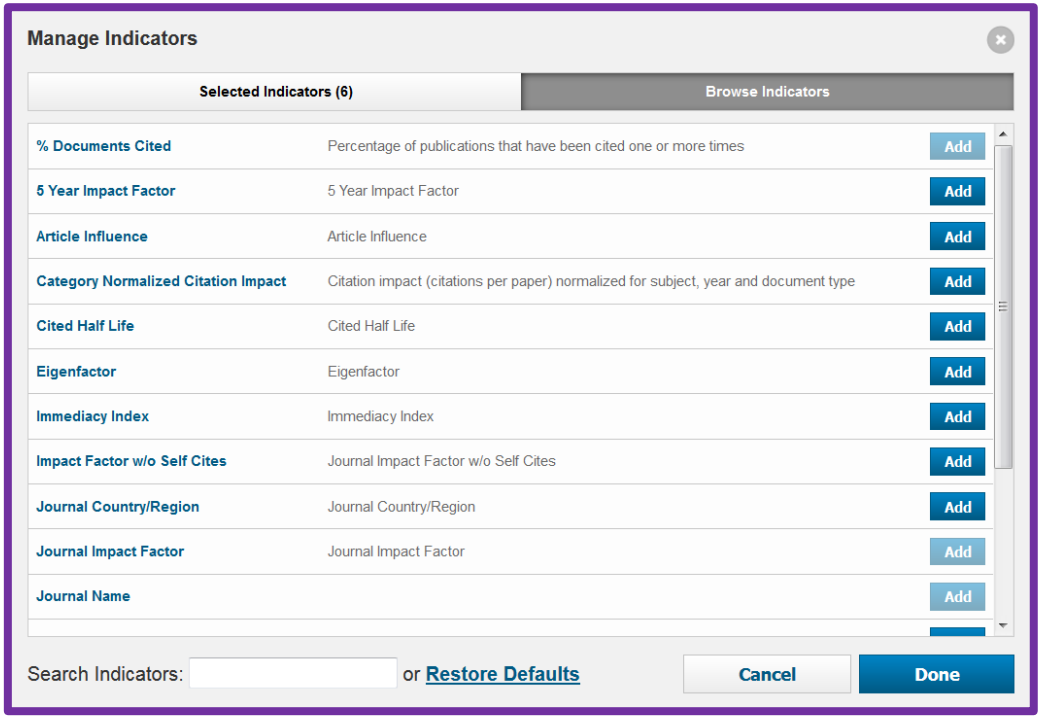
# InCites Benchmark & Analytics

## Other Journal Metrics

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# InCites Benchmark & Analytics

**Journal Analysis**

| Name | Web of Science Documents | % Documents in Q1 Journals | % Documents in Q2 Journals | % Documents in Q3 Journals | % Documents in Q4 Journals |
|---|---|---|---|---|---|
| University of Zagreb | 24320 | 29.22 | 22.82 | 23.54 | 24.42 |
| Rudjer Boskovic Institute | 5940 | 49.6 | 27.49 | 14.51 | 8.4 |
| University of Split | 5288 | 42.52 | 19.9 | 21.22 | 16.35 |
| University of Rijeka | 4811 | 30.05 | 23.38 | 26.57 | 20.0 |
| University of J Strossmayer Osijek | 2982 | 17.25 | 20.67 | 32.27 | 29.82 |

## ARTICLE LEVEL METRICS

Couple article indicators with journal metrics at article level. Push researchers to publish where is better.

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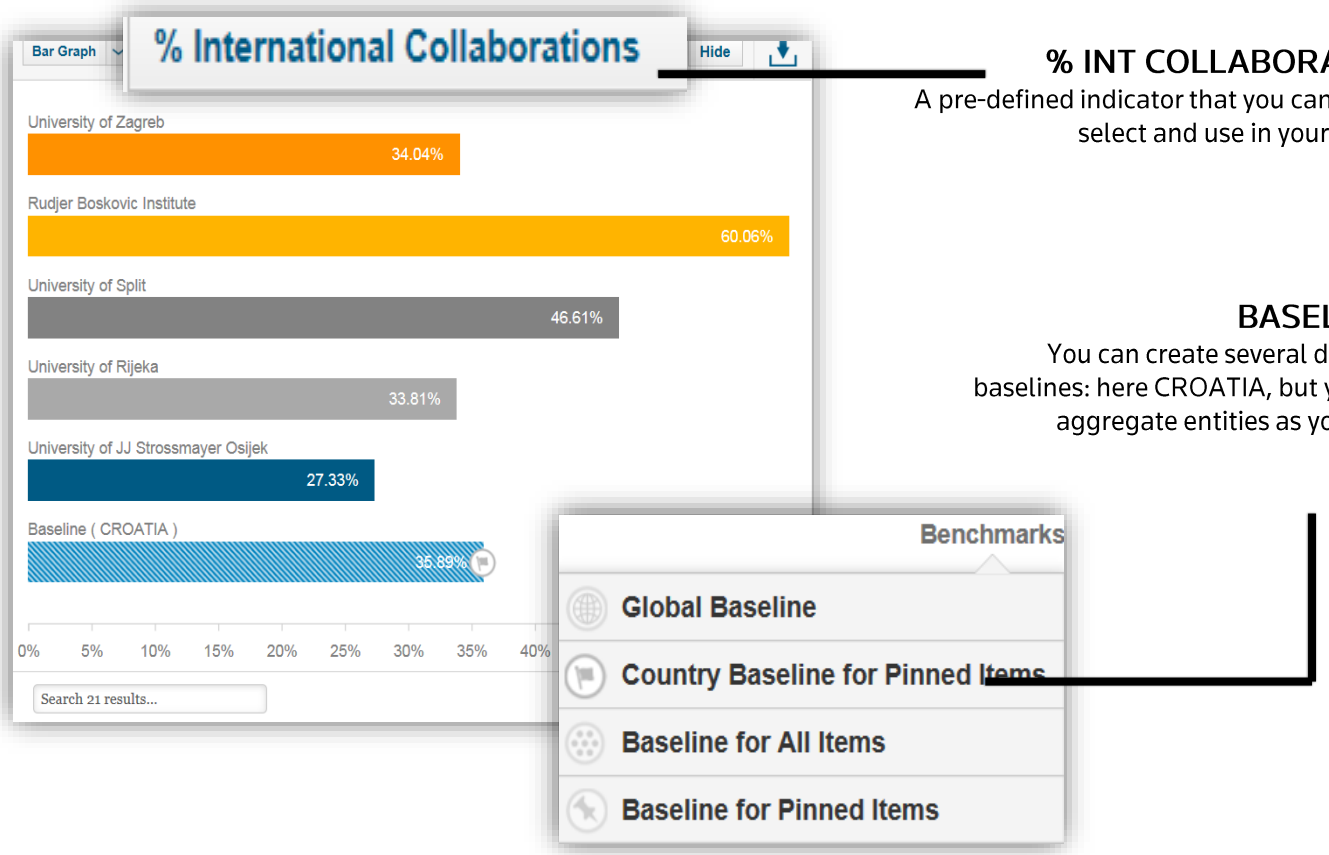
# InCites Benchmark & Analytics

## Collaboration Analysis




### % INT COLLABORATION

A pre-defined indicator that you can always select and use in your reports

### BASELINES

You can create several different baselines: here CROATIA, but you can aggregate entities as you want

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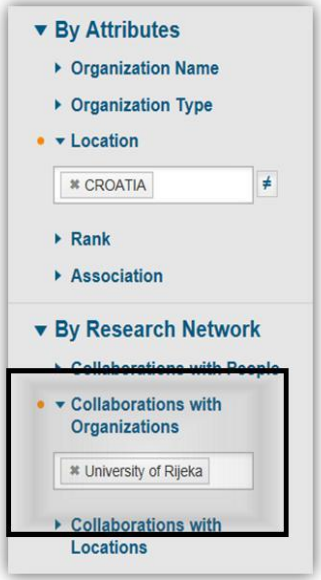
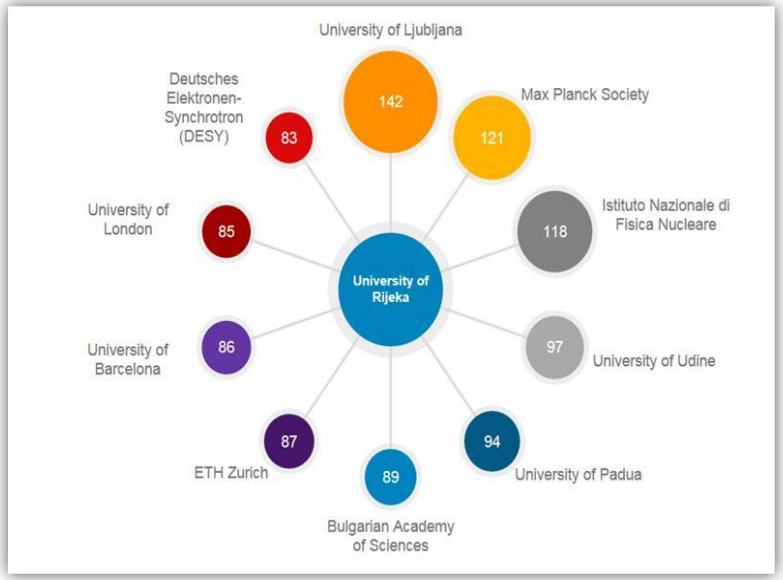
# InCites Benchmark & Analytics

## Collaboration Analysis




FILTER

By an appropriate selection, you can always have a look at the international coauthored papers

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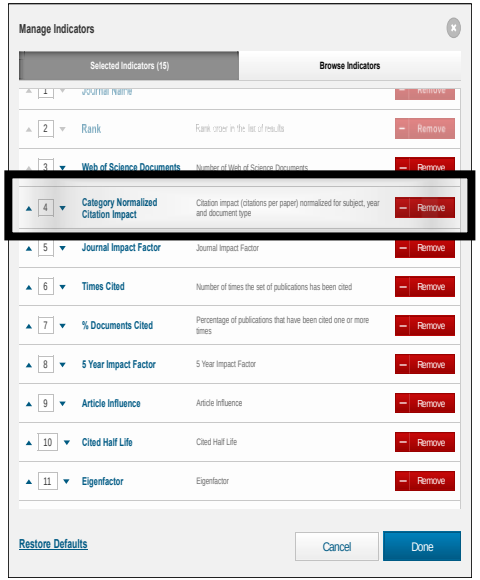
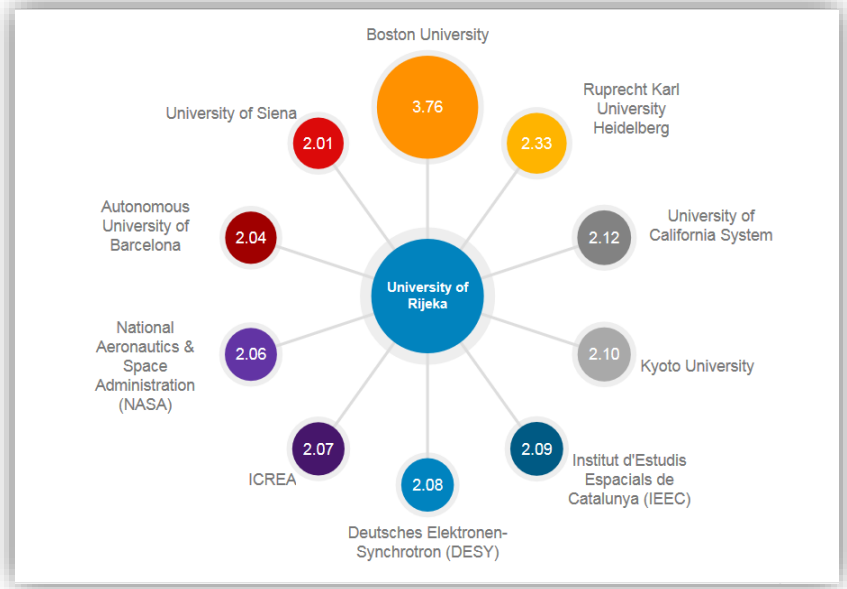
# InCites Benchmark & Analytics

## Collaboration Analysis




## EVALUATE IT

Select the appropriate indicator you want to take in consideration

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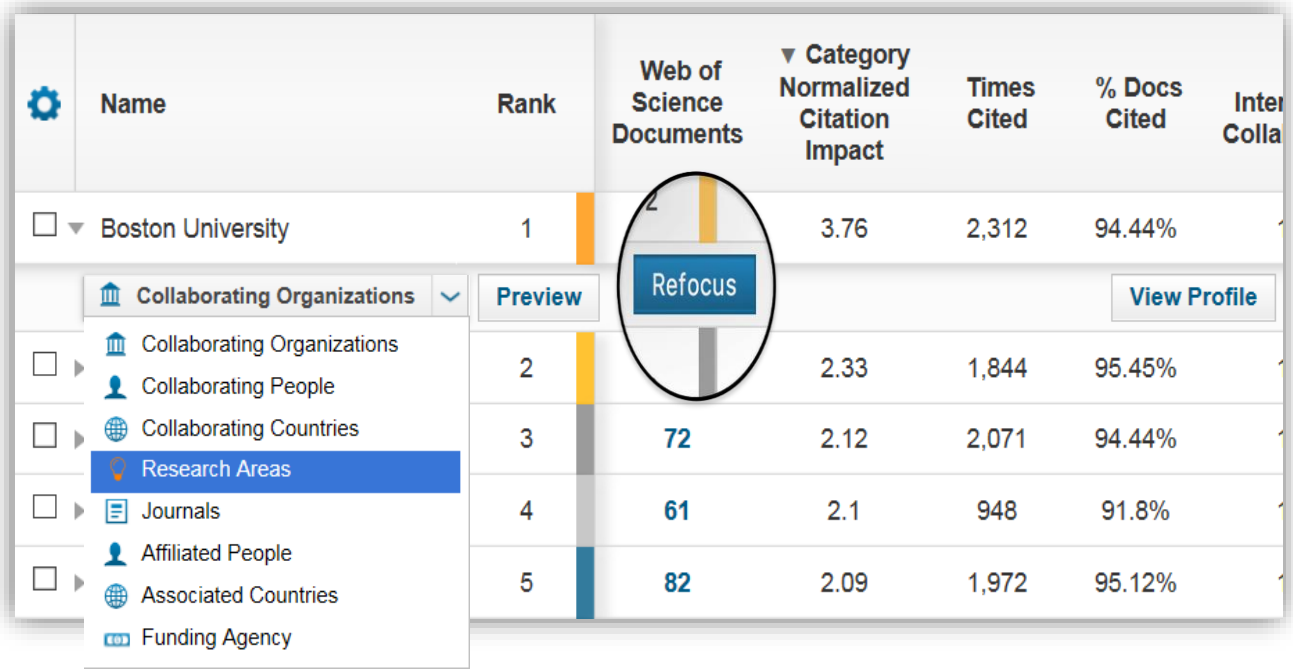
# InCites Benchmark & Analytics

**Collaboration Analysis**




## GOING DEEPER

Don't be stuck at the values of indicators but go deeper into your analysis: study people, journals or research areas

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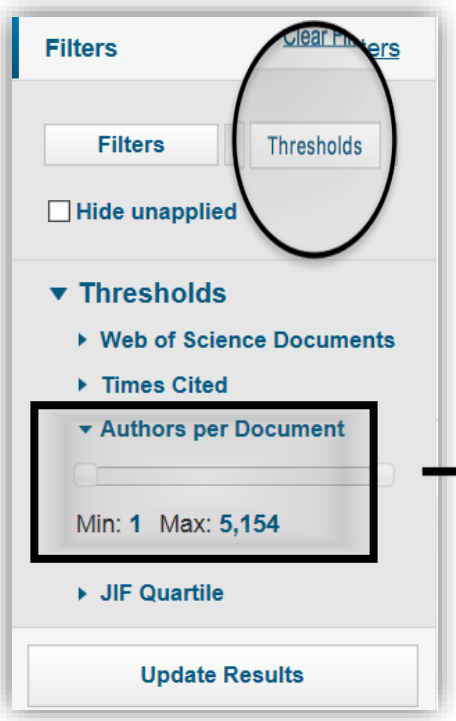
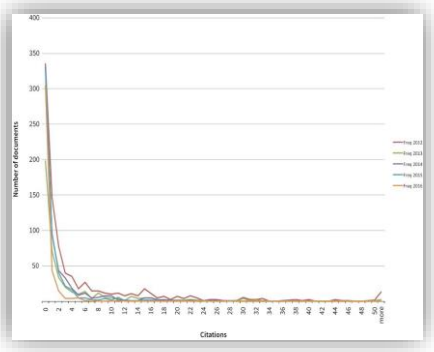
# InCites Benchmark & Analytics

## Collaboration Analysis




### AVAILABILITY OF A "AUTHORS PER DOCUMENT" THRESHOLD

Less than 8k documents (.01%) have more than 200 authors, but they can have up to 5,000 authors each! These documents can significantly affect a collaboration analysis by misrepresenting the relationship between authors or institutions. Collaboration analysis can now be customized to remove documents by the count of authors.

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# InCites Benchmark & Analytics

**Collaboration Analysis**

## INDUSTRY COLLABORATION

As for the international one, there is a specific indicator and everything can be deeply analysed

Clarivate Analytics

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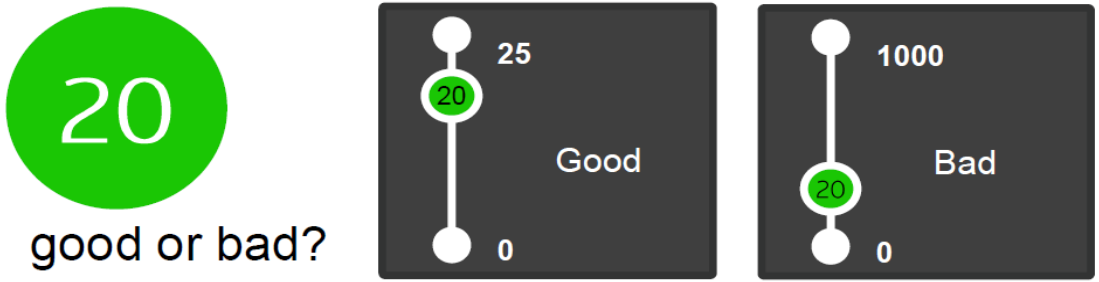
# InCites Benchmark & Analytics

**Normalization**




**CONTEXT IS EVERYTHING**

INDICATORS MUST BE PUT INTO CONTEXT TO BE USEFUL:
CATEGORY, JOURNAL, PEERS, GLOBAL

- **NORMALIZED INDICATORS — for relative performance comparisons**
- **PERCENTILES — where does it fall in the range of values?**
- **BENCHMARKS — how does it compare with a group or globally?**

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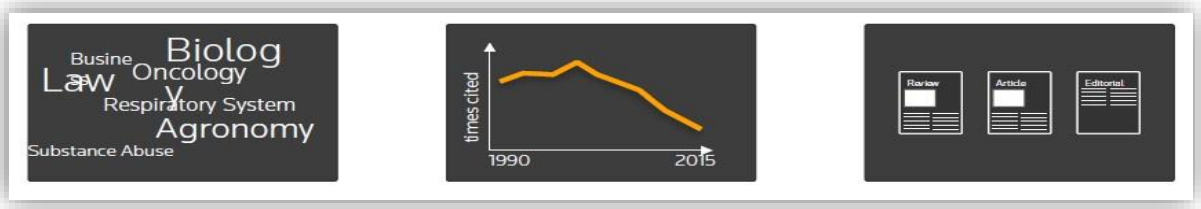
# InCites Benchmark & Analytics

**Normalization**




**Discipline**
citation patterns vary by subject category

**Time**
citations accrue over time and at different rates

**Document Type**
citations vary by document type

For accurate and fair research assessment, citation data should be **normalized** by discipline, year and publication type.

it allows comparisons between entities of different sizes and different subject mixes.

**Normalized Citation Impact** is an ideal indicator for benchmarking at all organizational levels (author, institution, region etc).

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# InCites Benchmark & Analytics

## Main Normalized indicators

| | |
|---|---|
| **Category Normalized Citation Impact** | The Category Normalized Citation Impact (CNCI) of a document is calculated by dividing the actual count of citing items by the expected citation rate for documents with the same document type, year of publication and subject area. When a document is assigned to more than one subject area an average of the ratios of the actual to expected citations is used. The CNCI of a set of documents, for example the collected works of an individual, institution or country/region, is the average of the CNCI values for all the documents in the set.<br>CNCI is a valuable and unbiased indicator of impact irrespective of age, subject focus of document type. An CNCI value of 1 represents performance at par with world average, values above 1 are considered above average and values below 1 are considered below average. |
| **Journal Normalized Citation Impact** | Citation impact (citations per paper) normalized for journal, year and document type |
| **Average Percentile** | The percentile of a publication is determined by creating a citation frequency distribution for all the publications in the same year, subject category and of the same document type (arranging the papers in descending order of citation count), and determining the percentage of papers at each level of citation, i.e., the percentage of papers cited more often than the paper of interest. If a paper has a percentile value of one, then 99 percent of the papers in the same subject category, year and of the same document type have a citation count that is lower. |
| **Impact Relative to World** | Impact Relative to World indicator is the ratio of the Citation Impact of a set of documents divided by the world Citation Impact for a given period of time |

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# InCites Benchmark & Analytics

**Categories**

| | |
|---|---|
| **Micro-level** | Individual Scientists or Research Groups |
| **Meso-level** | Research Institutions, journals |
| **Macro-level** | Supra-National Regions, Countries, Major Science Fields |

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# InCites Benchmark & Analytics

**Research Areas**

| InCites subject area schemes | Source | Type |
|---|---|---|
| Web of Science | Thomson Reuters | Journal to category |
| Essential Science Indicators | Thomson Reuters | Journal to category |
| Global Institutional Profiles Project (GIPP) | Thomson Reuters | Category to category |
| ANVUR | Italy | Category to category |
| Australia ERA | Australia | Journal to category |
| China SCACD | China | Category to category |
| FAPESP | Brazil | Category to category |
| OECD (Frascati) | OECD | Category to category |
| UK RAE and REF | UK | Category to category |
| KAKEN | Japan | Category to category |

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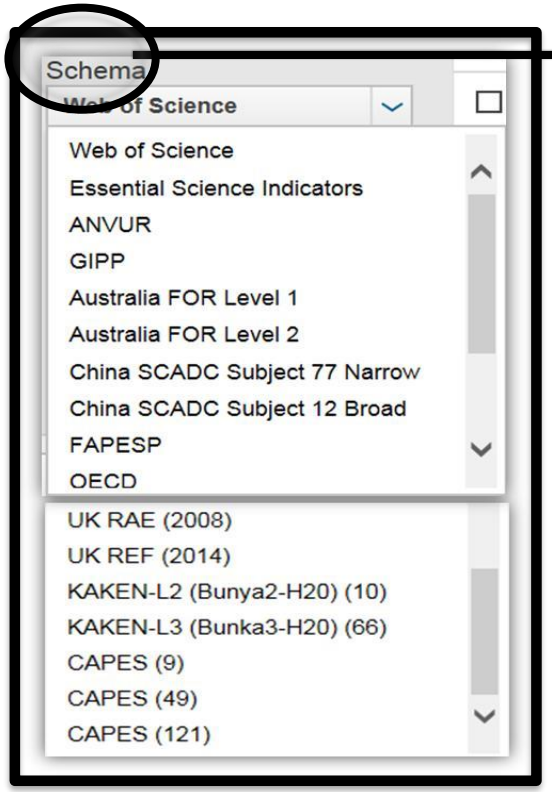
# InCites Benchmark & Analytics

**Research Areas**




## RESEARCH SCHEMES AVAILABILITY

Categorization used in the biggest evaluation exercise aroudn the world
17 available schemes

38 Document Types
X 37 Years of Data
X ~ 800 Categories
➢**1 Million Baselines**
Calculated every two months

Clarivate Analytics

# InCites Benchmark & Analytics

**Web of Science Categories**

## Large - Scale Analysis of the Accuracy of the Journal Classification Systems of Web of Science and Scopus **(Wang, Waltman, 2016)**

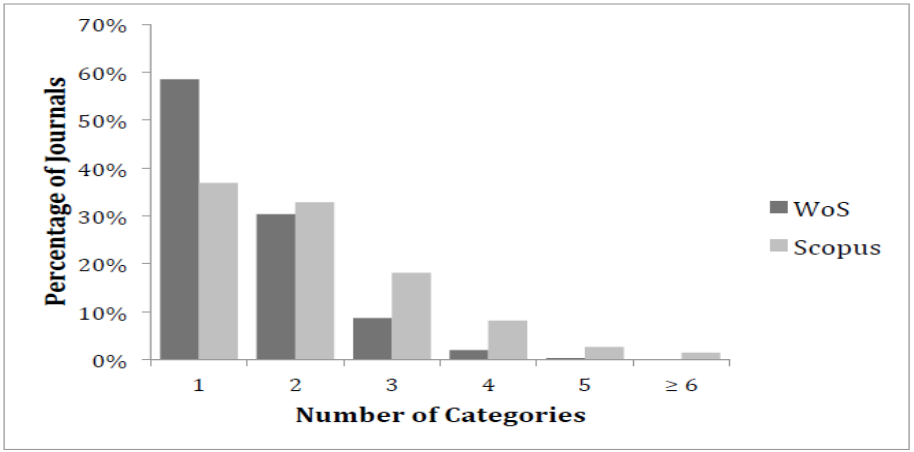



Figure 1. Distribution of journals in WoS and Scopus based on the number of categories to which they are assigned

Almost 60% of all journals In WoS belong to one category, whereas in Scopus more than 60% of Journals are assigned to two or more categories

Clarivate Analytics

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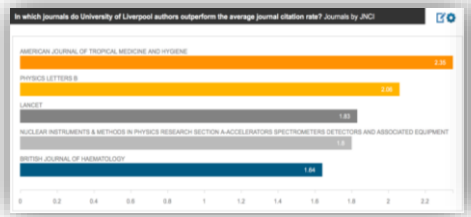
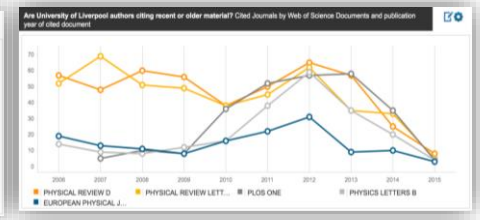
# Local Journal Utilization Report (LJUR)

**Journal Analysis**

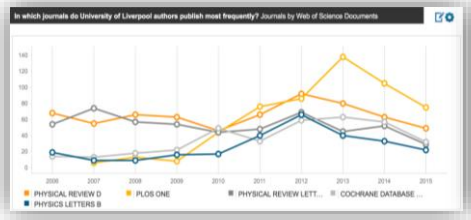
IN WHICH TITLES DO THEY HAVE MOST IMPACT?



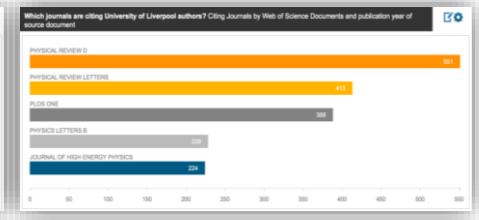

ARE THEY CITING NEW OR OLDER ARTICLES?



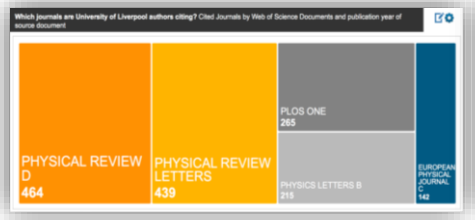

WHERE ARE THE THEIR AUTHORS' PUBLISHING?



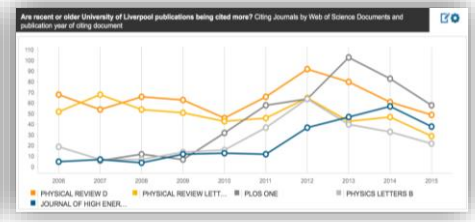

WHICH JOURNALS CITE THEIR AUTHORS?



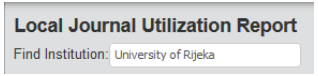

WHICH JOURNALS DO THEIR AUTHOR'S CITE?




DO THOSE JOURNALS CITE NEW OR OLDER ARTICLES?



AN INSTITUTION LEVEL ANALYSIS TOOL




Clarivate Analytics

# InCites Benchmark & Analytics

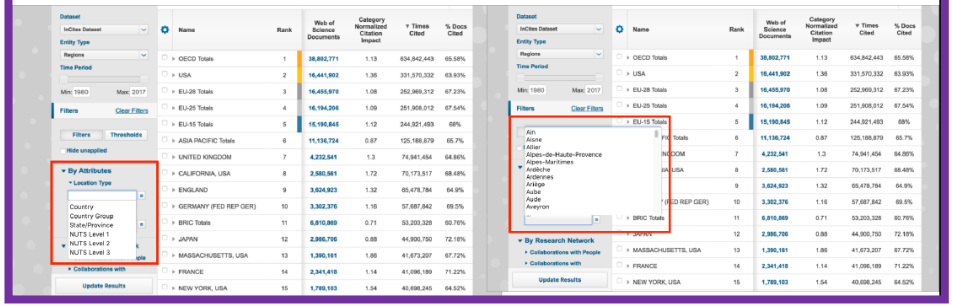
## The Near Future

Clarivate Analytics

# InCites Benchmark & Analytics

**Benchmark Analysis – near future**

- Problem:
  - Research funders and national administrators want to evaluate and harmonize work among the different European regions and countries, ultimately informing strategic initiatives or research policy.
- Solution:
  - NUTS regions will be available in InCites, so that the bibliometric output and impact of each socio-economic region can be evaluated and shared.



Clarivate Analytics

# Web of Science

**Impact Story Partnerships: Open Access at Article Level**

## Web of Science will provide direct access to additional, legal Open Access content

## Clarivate Analytics has invested in technology so that you can soon:

- ✓ **Find Hybrid Gold OA articles when searching the Web of Science**
- ✓ **Find Green OA articles when searching the Web of Science**

**Article-level Open Access** identification will help you **find legally available Green & Hybrid articles in the Web of Science.**

Impactstory

oadoi

**To develop this capability, we have given a grant to Impactstory**

*The grant funds improvements to Impactstory's oaDOI technology. We are using oaDOI to provide* **reliable linking to the best available version of OA content.**

- For Green OA articles, Web of Science will only link to peer-reviewed items from open repositories, NOT "pre-prints." We will identify two types of Green OA articles:
  - Accepted Manuscript
  - Published Version
- For all OA articles, Web of Science will preference links to the publisher's version, when available.

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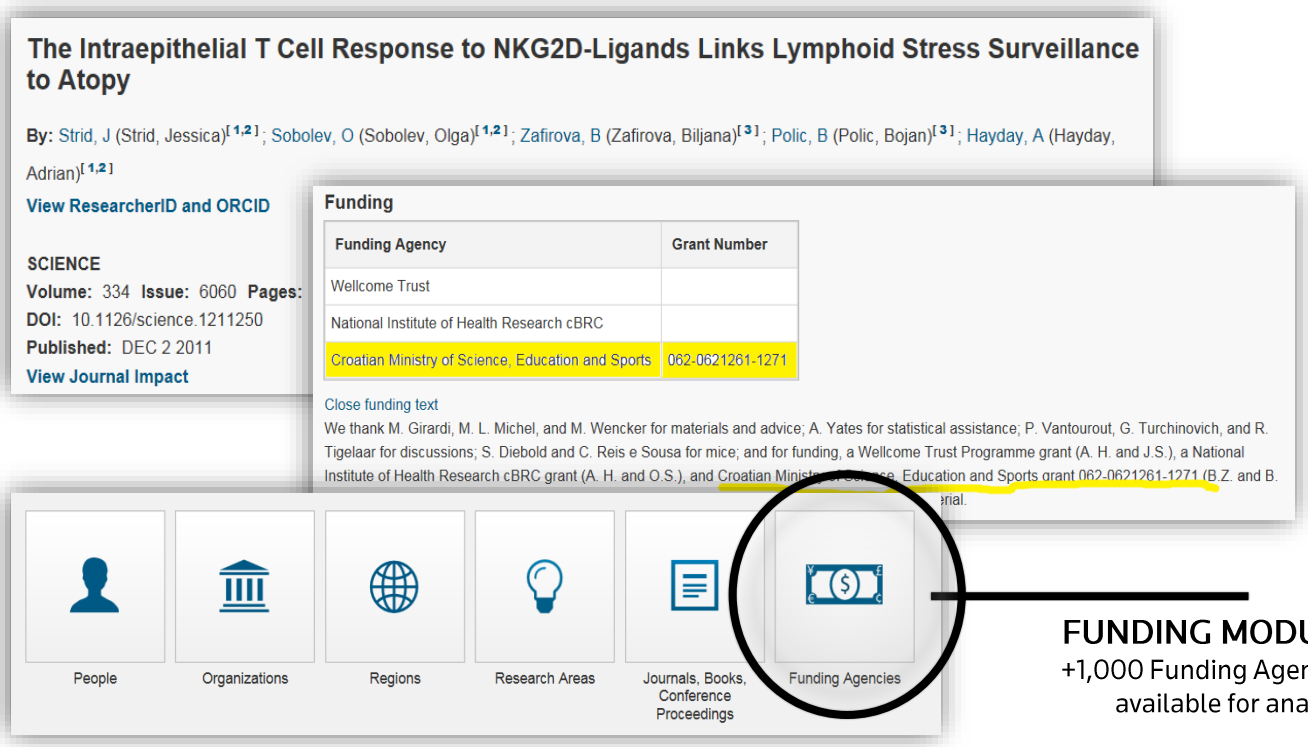
# InCites Benchmark & Analytics

## Funding Analysis




**FUNDING MODULE**

+1,000 Funding Agencies available for analysis

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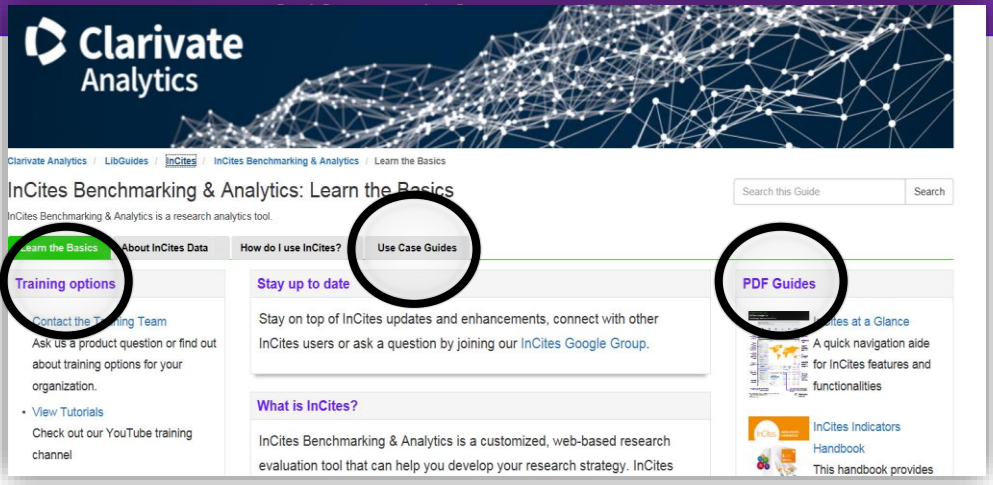
# Continuous Support

Training, Seminars and Workshops organisation

Technical documentation and User guides




http://clarivate.libguides.com/incites_ba/basics

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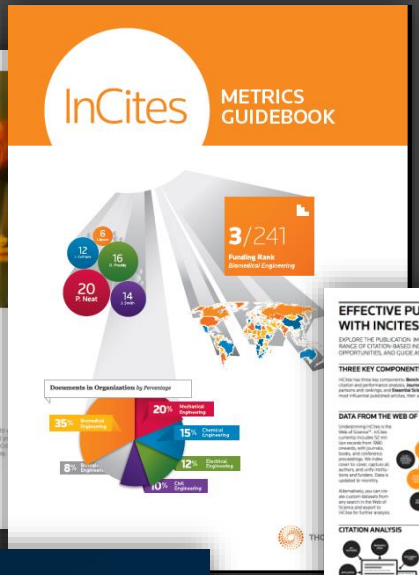
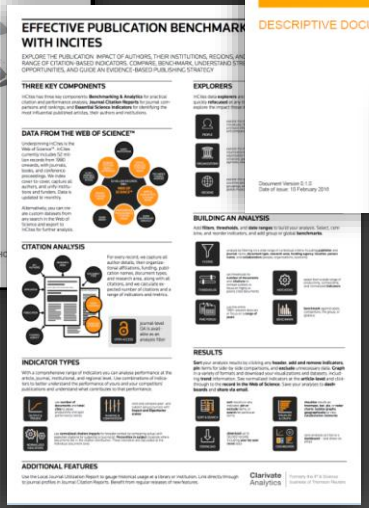
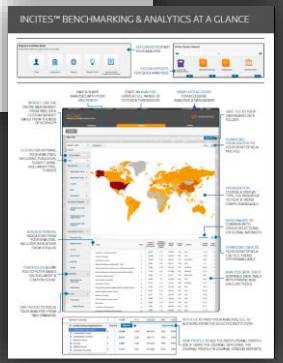
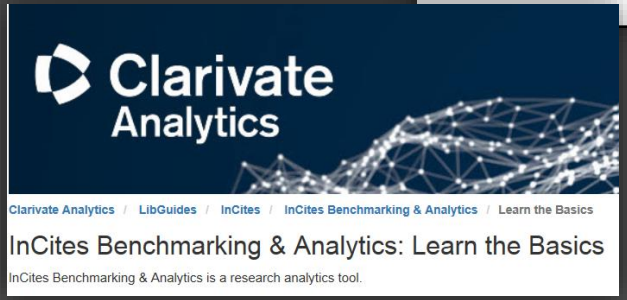
http://ip-science.interest.thomsonreuters.com/incites_welcome_kit



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# More resources

1. Clarivate Libguides http://clarivate.libguides.com/home

2. Web of Science You Tube Channel https://www.youtube.com/user/WoSTraining