

# **Web of Science Group - Continual Refinement and Enhancements**

**Jeff Clovis**

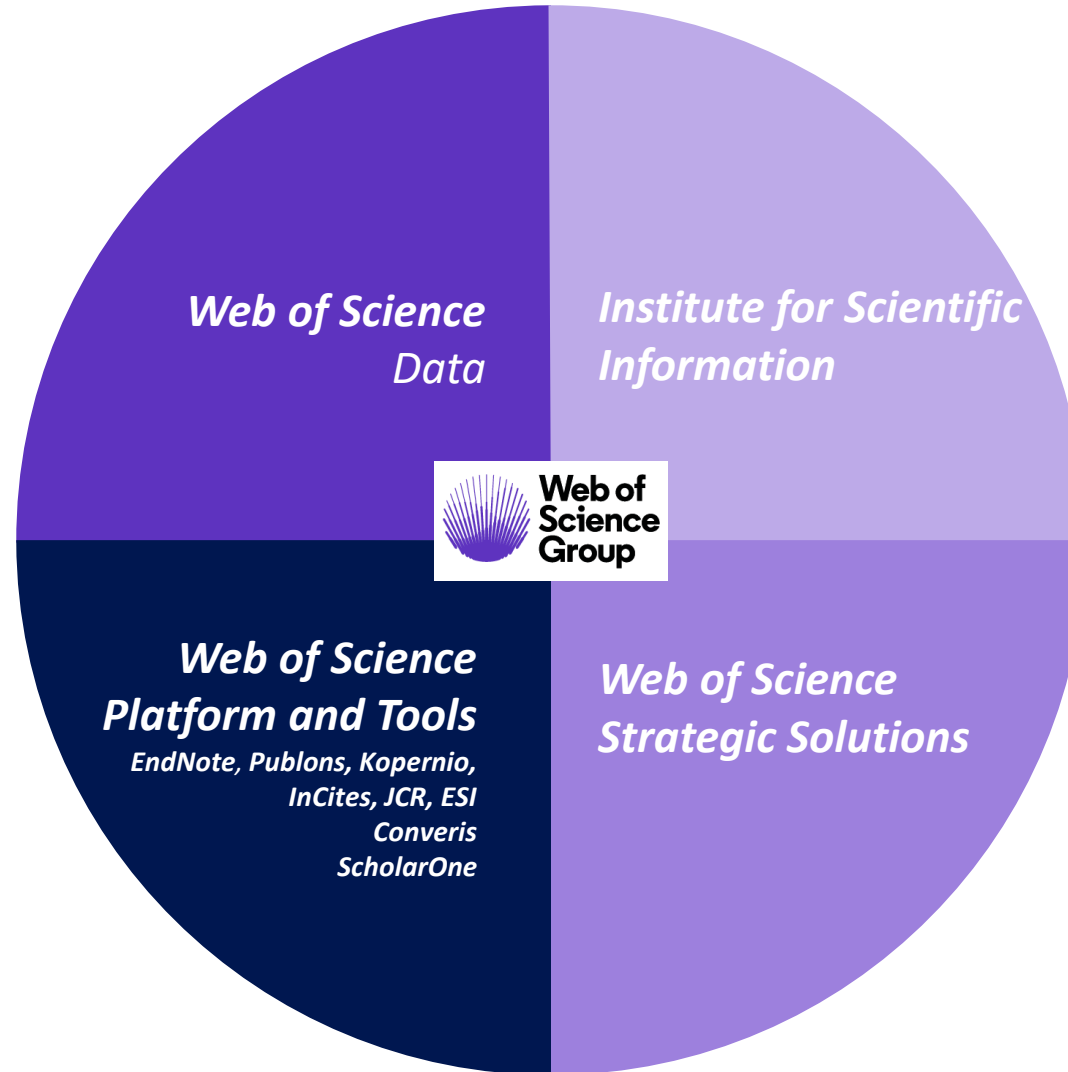
**October 2019**

# The Power of the Group

We make research connect

The world's most comprehensive, curated core collection and structured citation database tracking and organizing the history of research from the start of the C20<sup>th</sup>.

Tools supporting workflow, recognition and insights

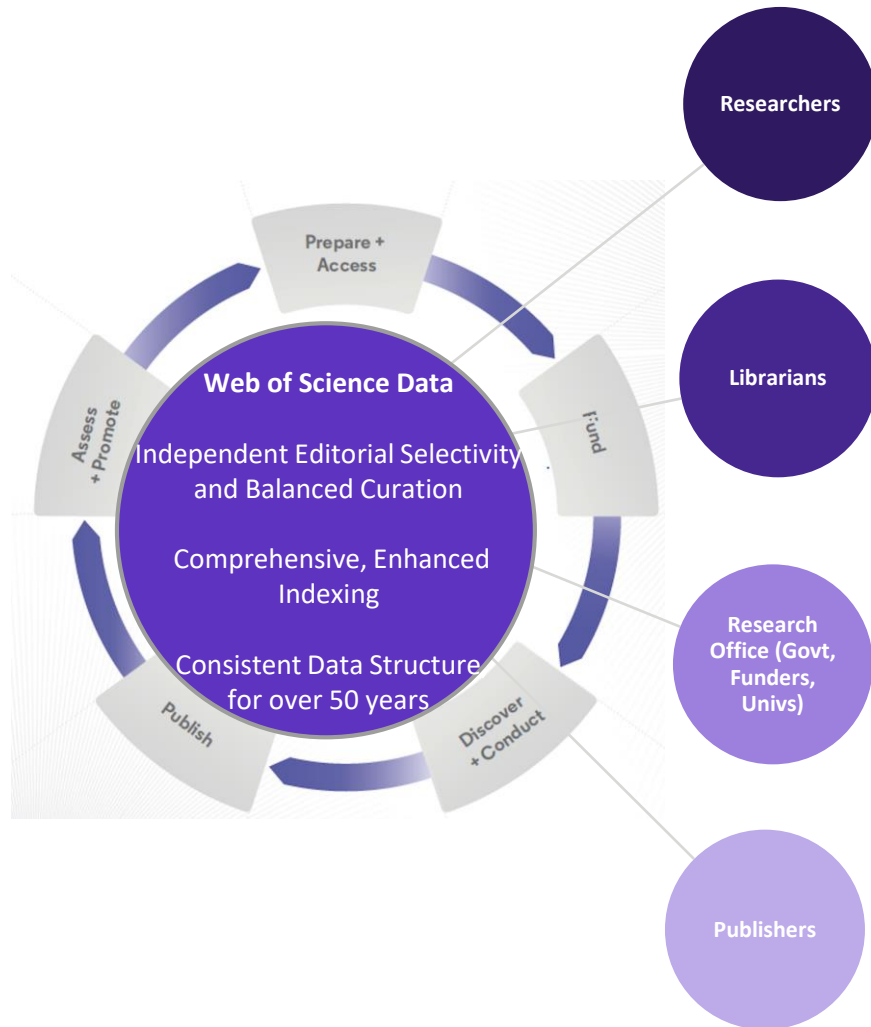


Our 'academy'- building an open and collaborative future for data science and bibliometrics

Consultancy serving research organizations with bespoke solutions and data analysis

# Web of Science Data Difference - Selectivity, Structure and Certainty

Platform Breadth & Depth: 155M Records | 34K Journals | 1.6B Cited References | Backfiles 1864 | 80M Patents | 7.3M Data Sets  
 Highly Curated *Core Collection*: 21K Journals | 1.3B Cited References | Backfiles 1900 | 12.5M Funding data | 254 Subject Categories



## Save Time, Build Reputation

Less data wrangling by using Web of Science's clean, structured data for research and analysis. Build reputation, prepare citation reports and complete historical bibliographies for grant proposals and tenure reviews. Find global collaborators, publishers, and funders.

## Empower Researchers, Increase Access

Access a range of indicators to assess collection needs. Better understand important trends and breakthroughs to support institutional research demands and lead OA awareness and discovery.

## Best Data, Better Outcomes

Identify highest potential research talent and areas for investment and collaboration. Assess past research output and ROI to inform future planning. Establish frameworks for assessing research outcomes and ROI, as well as understanding global positioning.

## Identify Authors and Peer Reviewers, Increase Impact

Review a range of indicators of comparative journal quality, set in the context of their field and region to find expansion opportunities. Find peer reviewers and potential authors and editors to drive publishing aims.

## Web of Science Global Data Usage - ....because world-class research, needs world class data.

 100% of AAU Universities	 98% of Carnegie R1 Universities	 100% of Ivy League Universities	 By the US Government
 Fortune 500 Companies	 US Funding Agencies	 By the US Government	 100% of the LERU Universities
 98% of all European Consortia	 Major research funders	 International rankings	 92% of South African Universities
 100% of Group of Eight Universities	 By Governments in Europe	 Over 100 Countries	 100% of Ukrainian Organizations
 100% of New Zealand's Universities	 100% of Organizations in Azerbaijan	 100% of Thailand's Universities	 by Australian Research Council
 100% of Organizations in Kazakhstan	 100% internationally ranked Russian Universities	 92% of the 'First Class Discipline Group' in China	 Used by the Ministry of Education Malaysia

# WoS Core Collection Dataset

Objective, Complete and Optimal Coverage



**21,000+ journals** indexed cover-to-cover

- ✓ Multidisciplinary
- ✓ International
- ✓ Influential



**Careful and objective journal selection**

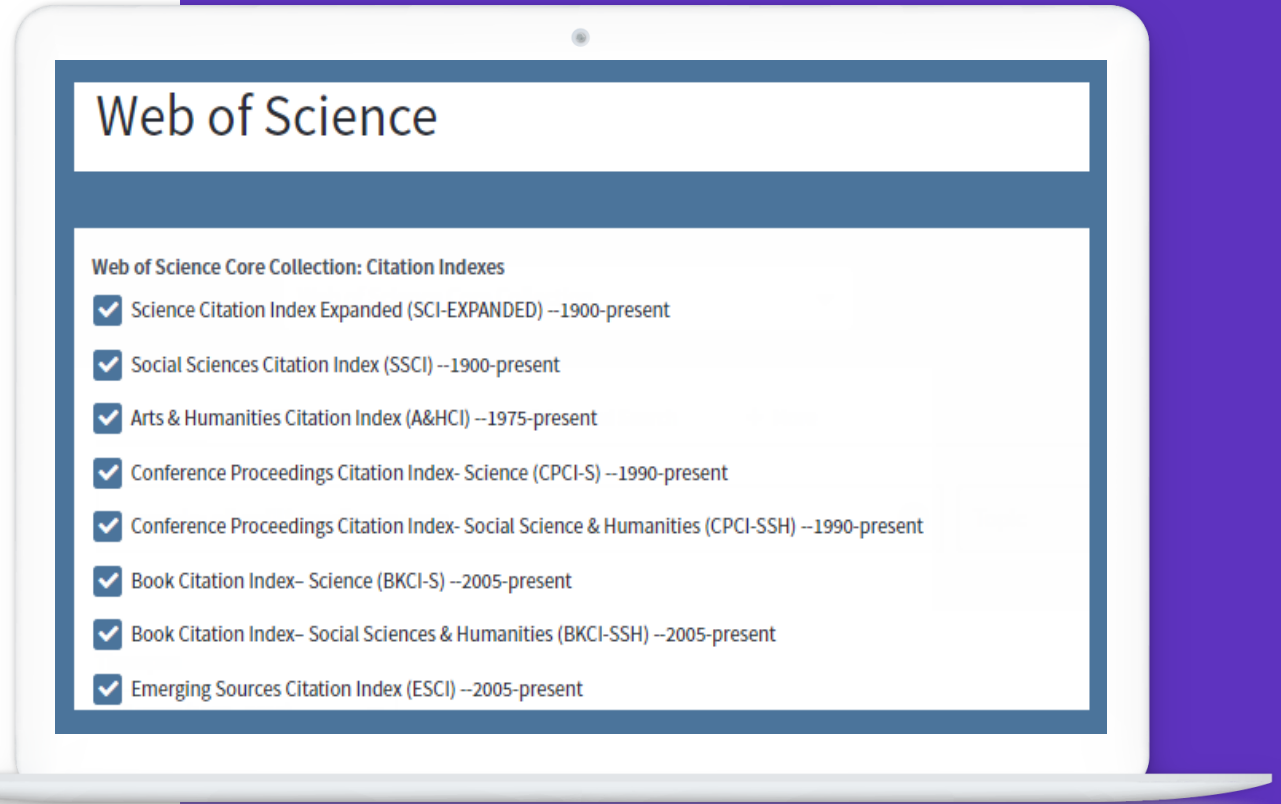
performed by a dedicated editorial team that is independent from any commercial or publishing activities



**Over 74.5 M records,**

**100% with cited references (1.48 Billion)**

provide industry leading metadata to power your discovery and analytics



# Web of Science Core Collection Backfiles -- exposing foundations and continuums within research

Among scholars, a sense of value and importance of prior research has always been recognized.

**Web of Science**

Search Search Results

Free Full Text from Publisher Look Up Full Text

**The Nature of the Firm**  
By: Coase, RH (Coase, R. H.)

ECONOMICA-NEW SERIES  
Volume: 4 Issue: 16 Pages: 386-405  
DOI: 10.1111/j.1468-0335.1937.tb00002.x  
Published: NOV 1937  
Document Type: Article

**Citation Network**  
In Web of Science Core Collection

**7,260**  
Times Cited

Create Citation Alert

All Times Cited Counts  
7,573 in All Databases  
See more counts

**30**  
Cited References  
View Related Records

**Most recently cited by:**

Menard, Claude.  
Organization and governance in the agrifood sector: How can we capture the variety?.  
AGRIBUSINESS (2018)

Scianna, Claudia; Niccolini, Federico; Bianchi, Carlo Nike; et al.  
Applying organization science to assess the management performance of Marine Protected Areas: An exploratory study.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT (2018)

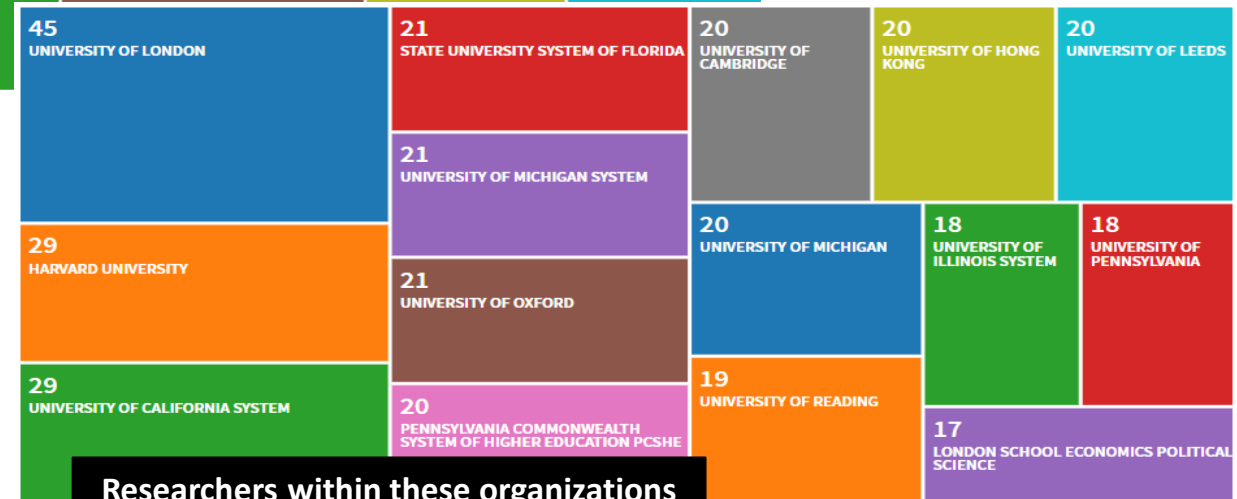
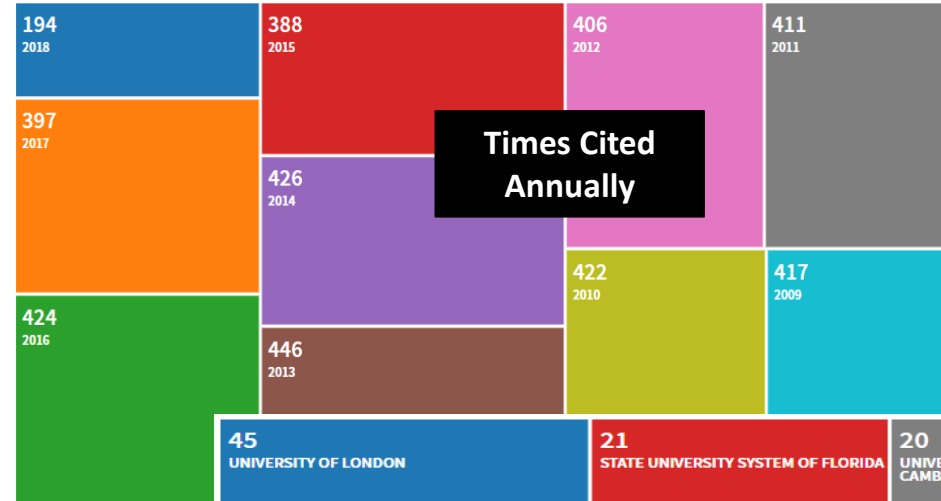
[View All](#)

**Use in Web of Science**

Web of Science Usage Count

**9** Last 180 Days  
**134** Since 2013

[Learn more](#)



Researchers within these organizations drawing upon this research in just the past 5 years.

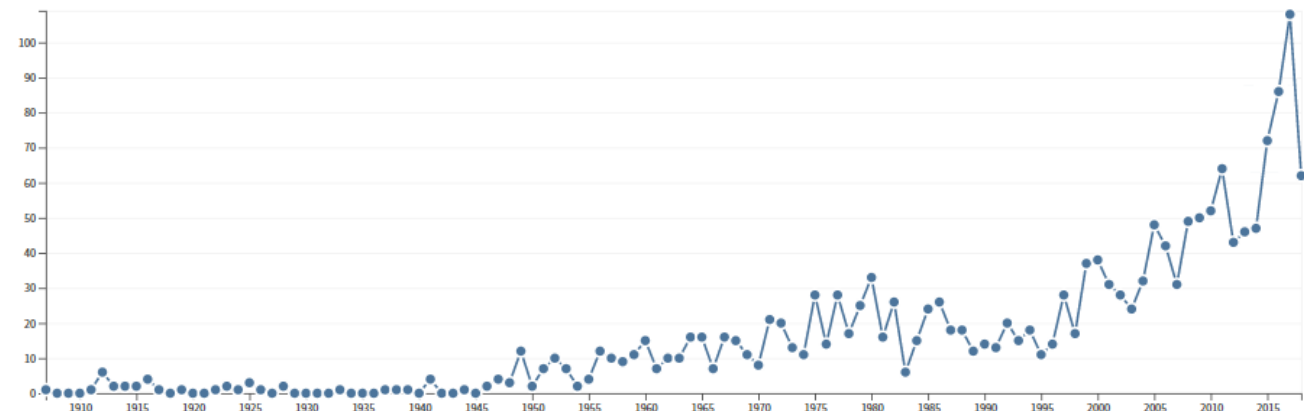
# Web of Science Core Collection Backfiles

## Breakthrough of the Year in 2016

Scientists at LIGO (Washington and Louisiana) confirmed one of Einstein's boldest predictions. The discovery of ripples in spacetime —gravitational waves—shook the scientific world and has sparked a boost in research in this area. <http://www.sciencemag.org/news/2016/12/ripples-spacetime-sciences-2016-breakthrough-year>

Web of Science backfiles include a wealth of Einstein's published research, including foundational works on gravitational waves. The recent spike in interest in these works, and associated citation, has been dramatic.

<b>The gravitational equations and the problem of motion</b> By: Einstein, A; Infeld, L; Hoffmann, B ANNALS OF MATHEMATICS Volume: 39 Pages: 65-100 Published: 1938 <a href="#">SFX</a> <a href="#">Full Text from Publisher</a>	Times Cited: 504 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>
<b>The influence of the force of gravity on the dispersion of light</b> By: Einstein, A ANNALEN DER PHYSIK Volume: 35 Issue: 10 Pages: 898-908 Published: SEP 1911 <a href="#">SFX</a>	Times Cited: 364 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>
<b>On gravitational waves</b> By: Einstein, A; Rosen, N JOURNAL OF THE FRANKLIN INSTITUTE Volume: 223 Pages: 0043-0054 Published: JAN-JUN 1937 <a href="#">SFX</a> <a href="#">Full Text from Publisher</a>	Times Cited: 348 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>
<b>Concerning gravitational waves.</b> By: Einstein, A SITZUNGSBERICHTE DER KONIGLICH PREUSSISCHEN AKADEMIE DER WISSENSCHAFTEN Pages: 154-167 Part: 1 Published: JAN-JUN 1918 <a href="#">SFX</a>	Times Cited: 197 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>
<b>The field equations of gravity</b> By: Einstein, A SITZUNGSBERICHTE DER KONIGLICH PREUSSISCHEN AKADEMIE DER WISSENSCHAFTEN Pages: 844-847 Part: 2 Published: JUL-DEC 1915 <a href="#">SFX</a>	Times Cited: 138 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>
<b>The gravitational equations and the problem of motion. II</b> By: Einstein, A; Infeld, L ANNALS OF MATHEMATICS Volume: 41 Pages: 455-464 Published: 1940 <a href="#">SFX</a> <a href="#">Full Text from Publisher</a>	Times Cited: 103 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>
<b>The principle of conservation of the centre of gravity movement and the inertia of energy</b> By: Einstein, A ANNALEN DER PHYSIK Volume: 20 Issue: 8 Pages: 627-633 Published: JUN 1906 <a href="#">SFX</a>	Times Cited: 73 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>
<b>The theory of static gravitational fields</b> By: Einstein, A ANNALEN DER PHYSIK Volume: 38 Issue: 7 Pages: 443-458 Published: MAY 1912 <a href="#">SFX</a>	Times Cited: 49 <i>(from Web of Science Core Collection)</i> <a href="#">Usage Count</a>



# Citation Navigation – Trace the evolution of discovery

## Citation Network

In Web of Science Core Collection

**3,688** Highly Cited Paper

Times Cited

Create Citation Alert

All Times Cited Counts

4,044 in All Databases

See more counts

**38**

Cited References

View Related Records

## Use in Web of Science

Web of Science Usage Count

**214** **2,415**

Last 180 Days

Since 2013

Learn more

## Most recently cited by:

Hussain, Wajid; Mahmood, Tariq; Hussain, Jawad; et al.

CRISPR/Cas system: A game changing genome editing technology, to treat human genetic diseases.

GENE (2019)

Buchman, A.; Akbari, O. S.

Site-specific transgenesis of the *Drosophila melanogaster* Y-chromosome using CRISPR/Cas9.

INSECT MOLECULAR BIOLOGY (2019)

View All

## RESEARCH ARTICLE

### A Programmable Dual-RNA-Guided DNA Endonuclease in Adaptive Bacterial Immunity

Martin Jinek,<sup>1,2\*</sup> Krzysztof Chylinski,<sup>3,4\*</sup> Ines Fonfara,<sup>4</sup> Michael Hauer,<sup>2†</sup> Jennifer A. Doudna,<sup>1,2,5,6‡</sup> Emmanuelle Charpentier<sup>4‡</sup>

Clustered regularly interspaced short palindromic repeats (CRISPR)/CRISPR-associated (Cas) systems provide bacteria and archaea with adaptive immunity against viruses and plasmids by using CRISPR RNAs (crRNAs) to guide the silencing of invading nucleic acids. We show here that in a subset of these systems, the mature crRNA that is base-paired to trans-activating crRNA (tracrRNA) forms a two-RNA structure that directs the CRISPR-associated protein Cas9 to introduce double-stranded (ds) breaks in target DNA. At sites complementary to the crRNA-guide sequence, the Cas9 HNH nuclease domain cleaves the complementary strand, whereas the Cas9 RuvC-like domain cleaves the noncomplementary strand. The dual-tracrRNA:crRNA, when engineered as a single RNA chimera, also directs sequence-specific Cas9 dsDNA cleavage. Our study reveals a family of endonucleases that use dual-RNAs for site-specific DNA cleavage and highlights the potential to exploit the system for RNA-programmable genome editing.

Bacteria and archaea have evolved RNA-mediated adaptive defense systems called clustered regularly interspaced short palindromic repeats (CRISPR)/CRISPR-associated (Cas) that protect organisms from invading vi-

cleavage yields the short crRNAs that can pair with complementary protospacer sequences of invading viral or plasmid targets (4–11). Target recognition by crRNAs directs the silencing of the foreign sequences by means of Cas proteins that function in concert with the RNA-

developing a system to get targeting and Cas9 is a two RNAs. Cas systems, has in both crRNA DNA interfere involved in c participation been investig might be cap used an over protein derive pyogenes (fig and methods) mid DNA or a protospacer ture crRNA, a mature crRNA, Cas9-catalyze and fig. S3A which can pair and is essentially, triggered IA and fig. S both magnesium sequence con capable of tra a noncognate not support

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Free Published Article From Repository

Full Text from Publisher

Look Up Full Text

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- ✓ OA alternative
- ✓ Google Scholar



Web of Science

Search Search Results

Citing Articles: 3,688 (from Web of Science Core Collection)

For: A Programmable Dual-RNA-Guided DNA Endonuclease in Adaptive Bacterial Immunity ... More

Times Cited Counts

- 4,044 in All Databases
- 3,688 in Web of Science Core Collection
- 3,102 in BIOSIS Citation Index
- 399 in Chinese Science Citation Database
- 3 data sets in Data Citation Index
- 0 publication in Data Citation Index
- 13 in Russian Science Citation Index
- 11 in ScELO Citation Index

View Additional Times Cited Counts

Refine Results

Search within results for...

Filter results by:

- Highly Cited in Field (365)
- Hot Papers in Field (13)
- Open Access (2,233)
- Associated Data (107)

Sort by: Date Times Cited Usage Count More

1. Multiplex Genome Engineering Using CRISPR/Cas Systems

By: Cong, Le; Ran, F. Ann; Cox, David; et al. SCIENCE Volume: 339 Issue: 6121 Pages: 819-823 Published: FEB 15 2013

2. RNA-Guided Human Genome Engineering via Cas9

By: Mali, Prashant; Yang, Luhan; Esvelt, Kevin M.; et al. SCIENCE Volume: 339 Issue: 6121 Pages: 823-826 Published: FEB 15 2013

3. Genome engineering using the CRISPR-Cas9 system

By: Ran, F. Ann; Hsu, Patrick D.; Wright, Jason; et al. NATURE PROTOCOLS Volume: 8 Issue: 11 Pages: 2281-2308 Published: NOV 2013

Integration of this publication in a 1.6 Billion Cited References citation network

Cited References: 38

Showing 30 of 38 View All in Cited References page

1. CRISPR provides acquired resistance against viruses in prokaryotes

By: Barrangou, Rodolphe; Fremaux, Christophe; Deveau, Helene; et al. SCIENCE Volume: 315 Issue: 5819 Pages: 1709-1712 Published: MAR 23 2007

2. CRISPR-Cas Systems in Bacteria and Archaea: Versatile Small RNAs for Adaptive Defense and Regulation

By: Bhaya, Devaki; Davison, Michelle; Barrangou, Rodolphe ANNUAL REVIEW OF GENETICS, VOL 45 Book Series: Annual Review of Genetics Volume: 45 Pages: 273-297 Published: 2011

3. Small CRISPR RNAs guide antiviral defense in prokaryotes

By: Brouns, Stan J. J.; Jore, Matthijs M.; Lundgren, Magnus; et al. SCIENCE Volume: 321 Issue: 5891 Pages: 960-964 Published: AUG 15 2008

4. Progress and prospects: Zinc-finger nucleases as gene therapy agents

By: Carroll, D. GENE THERAPY Volume: 15 Issue: 22 Pages: 1463-1468 Published: NOV 2008

5. Cas6 is an endoribonuclease that generates guide RNAs for invader defense in prokaryotes

By: Carte, Jason; Wang, Ruiying; Li, Hong; et al. GENES & DEVELOPMENT Volume: 22 Issue: 24 Pages: 3489-3496 Published: DEC 15 2008

6. Targeting DNA Double-Strand Breaks with TAL Effector Nucleases

By: Christian, Michelle; Cermak, Tomas; Doyle, Erin L.; et al. GENETICS Volume: 186 Issue: 2 Pages: 757-U476 Published: OCT 2010

# Journal Discipline Analysis:

## Core 3 editions title counts vs. Emerging Sources Citation Index (ESCI)

### Discipline Coverage with ESCI

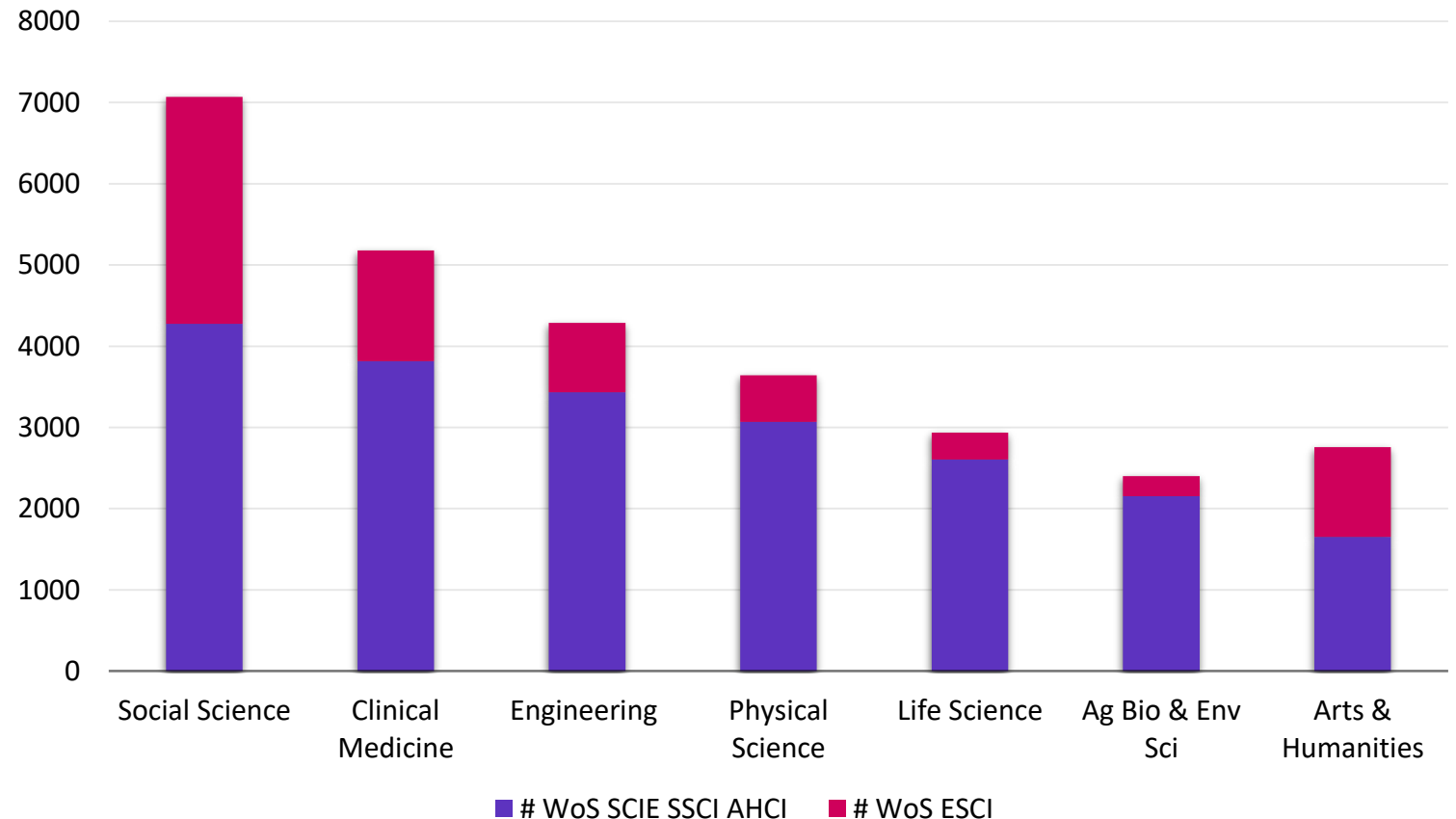
- Social Science with most journals added with ESCI
- Arts & Humanities with the highest % growth

## Emerging Sources Citation Index

Launched in 2015, Emerging Sources Citation Index (ESCI) covers 7,800+ journals and extends back to 2005.

It captures scientific, social science, and humanities trends and developments beyond the high-impact literature.

The journals selected and reviewed by our editorial team have been identified as important to key opinion leaders, funders, and evaluators worldwide.





# Emerging Sources Citation Index - Content Curation

As of March 2019

**7,990+**

Journals Indexed

**37%**

Social Sciences

**16%**

Arts &  
Humanities

**1.6M**

Records 2005-  
2014

**2,730+**

Open Access  
Journals

**88%**

Papers published  
in English

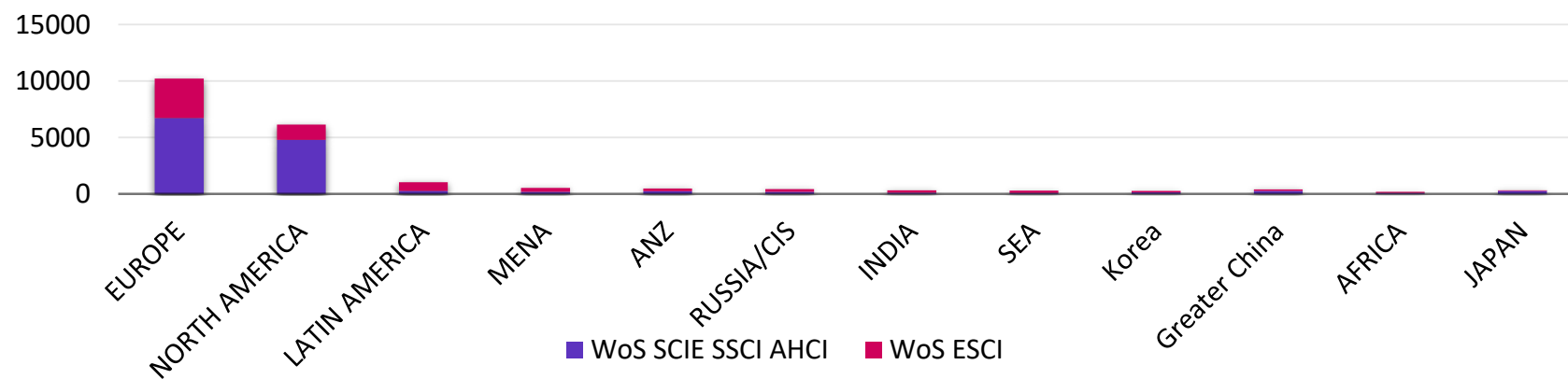
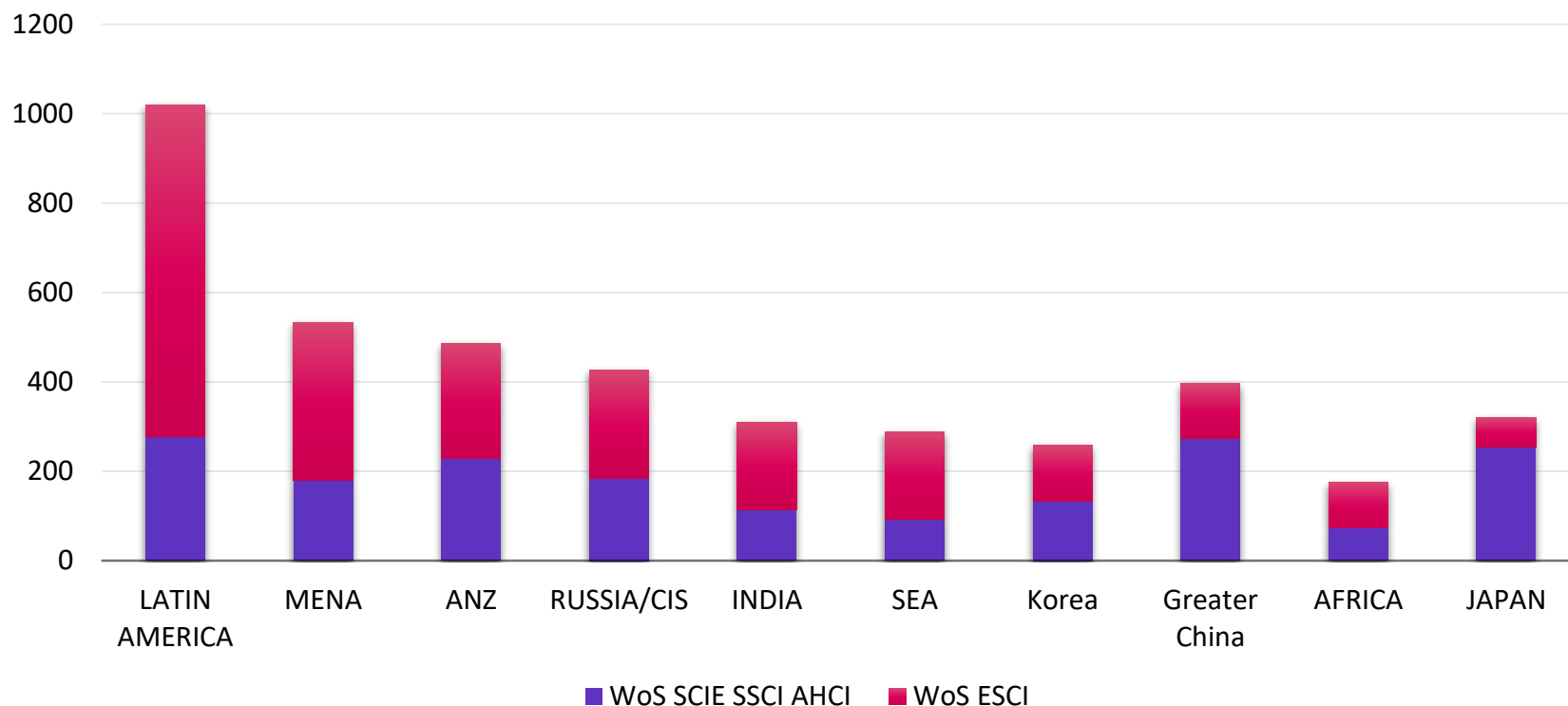
- Enables expanded **research assessment & benchmarking**
- Comprehensive search and discovery of **new areas of research**
- Better understanding of the evolution of **emerging fields & global trends**
- Identify new **collaboration opportunities** in emerging research areas

# Regional Analysis

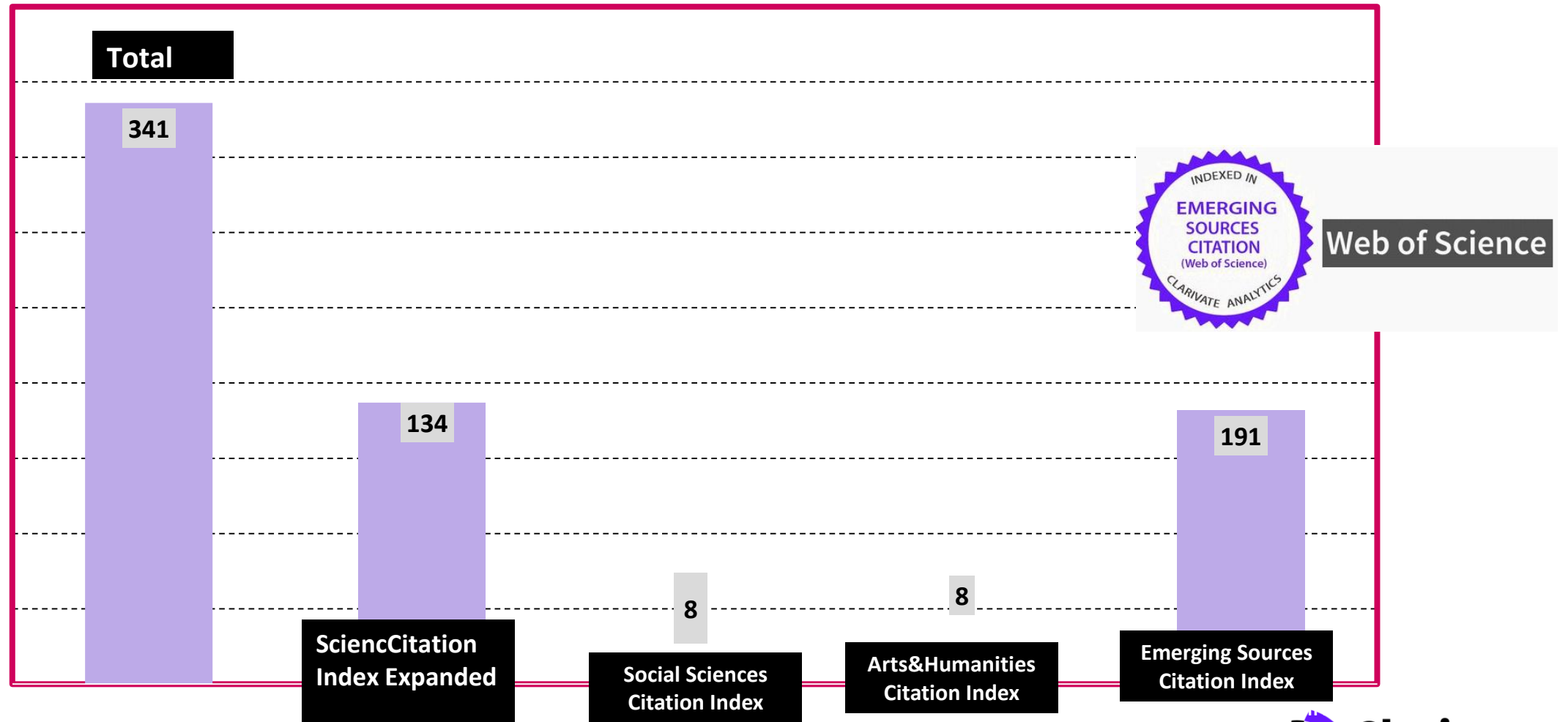
## Core 3 edition title counts vs. Emerging Sources Citation Index (ESCI)

### Regional Coverage with ESCI

- 3,450 additional European Journals
- 742 new Latin American titles



## Polish Journals in Web of Science Core Collection by Index



November 2018

# POLAND | Emerging Sources Citation Index

## POLAND

191 journals indexed in ESCI

150 journals with ESCI BACKFILES

### CZECH REP

35 journals indexed in ESCI

26 journals with ESCI BACKFILES

### SLOVAKIA

23 journals indexed in ESCI

20 journals with ESCI BACKFILES

### LITHUANIA

13 journals indexed in ESCI

11 journals with ESCI BACKFILES

### HUNGARY

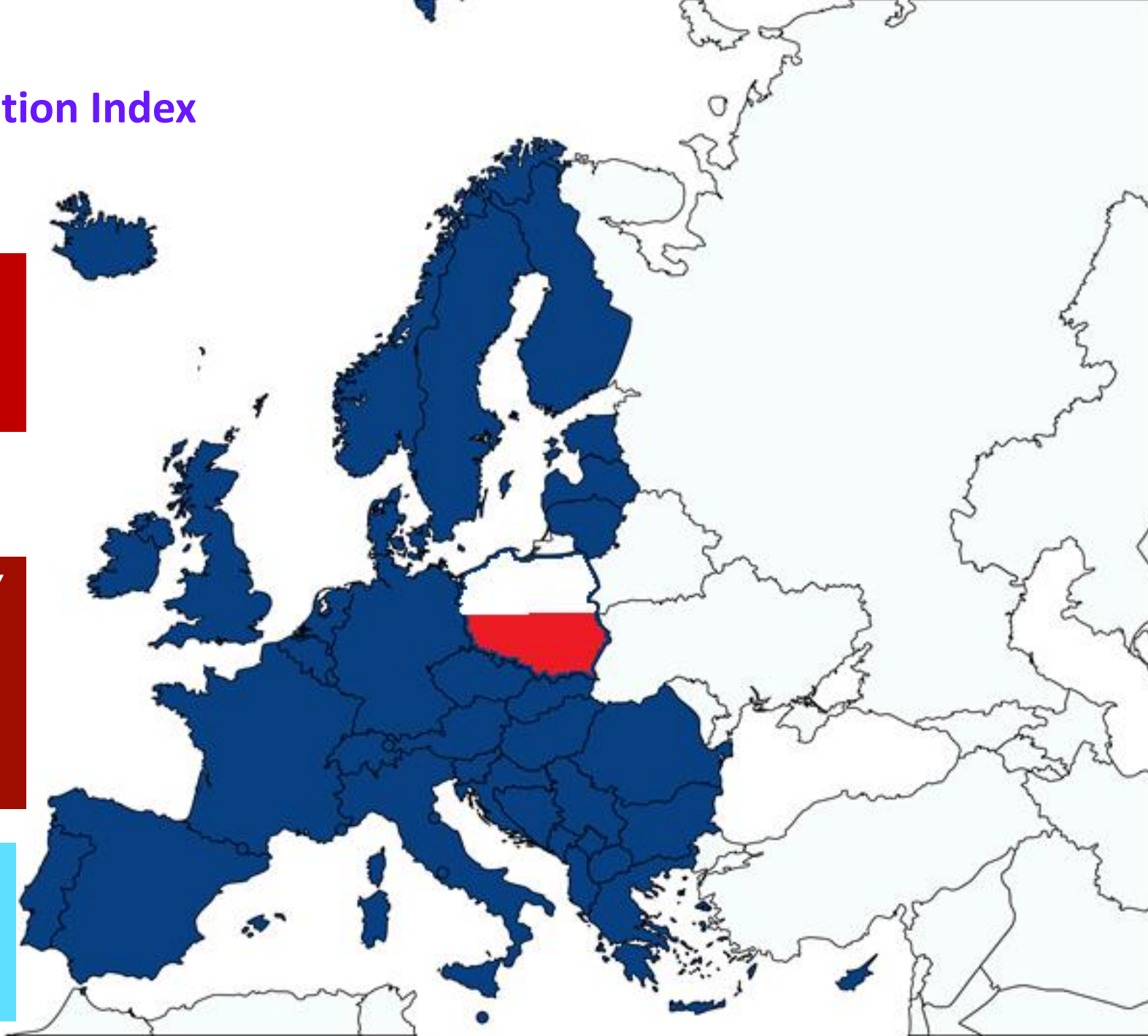
17 journals indexed in ESCI

13 journals with ESCI BACKFILES

## WORLD

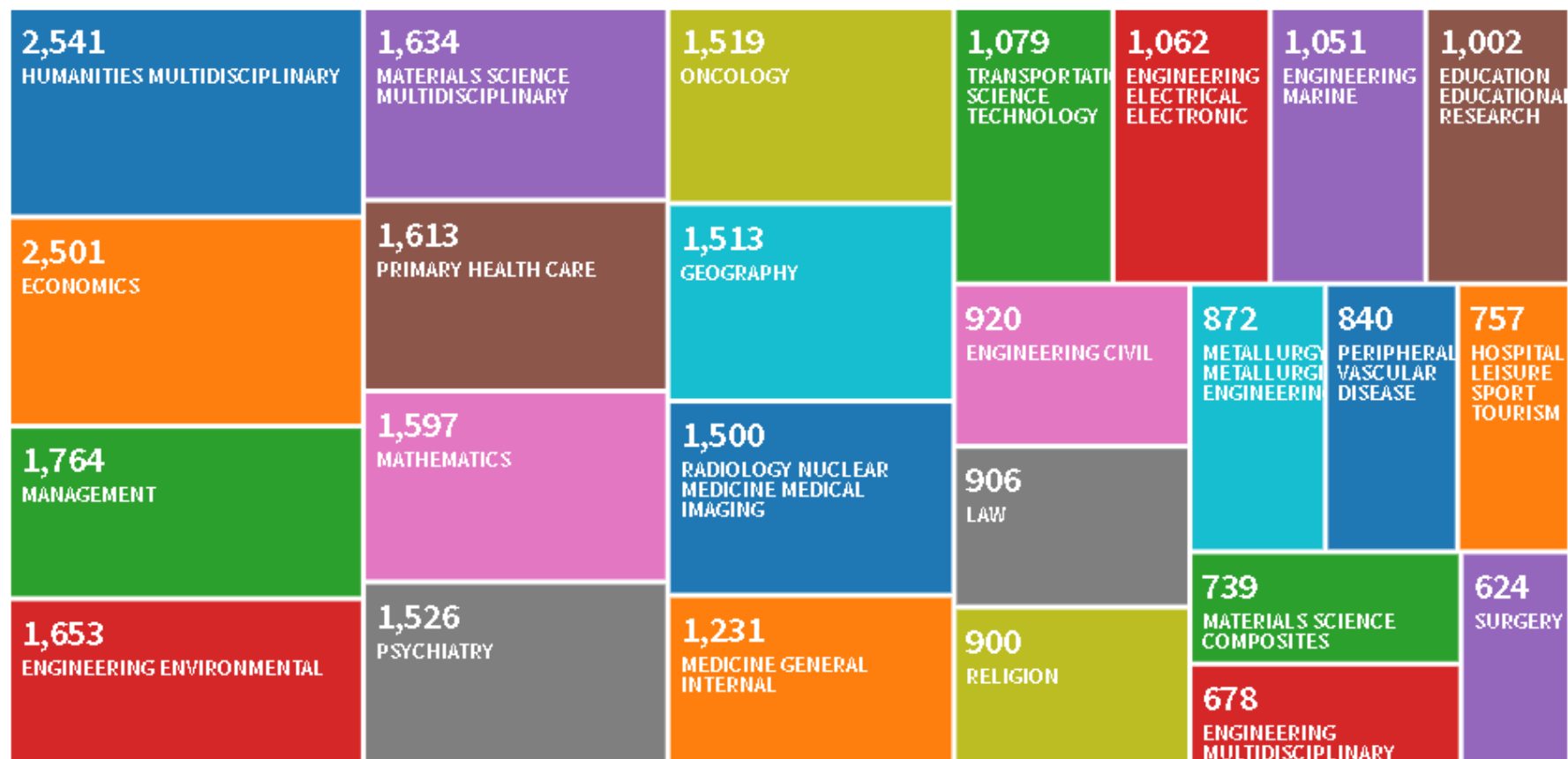
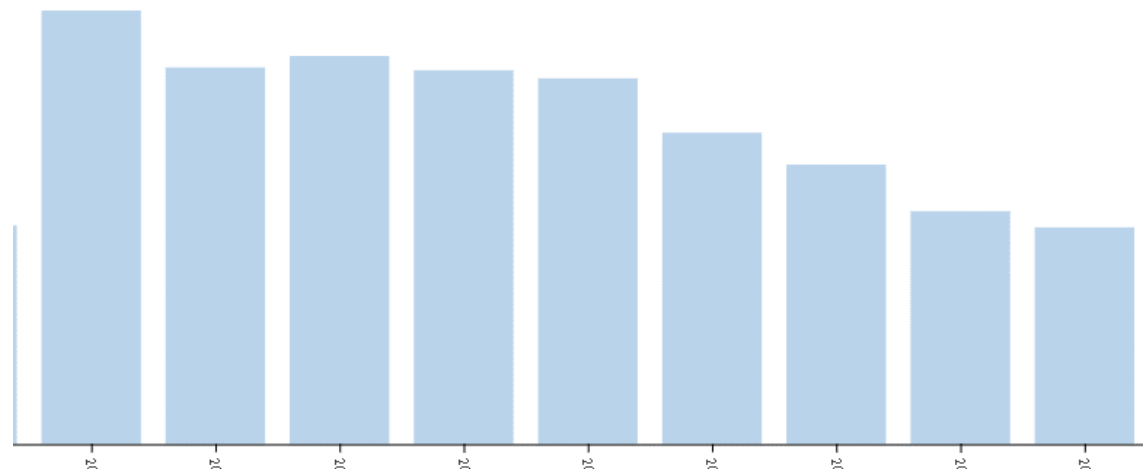
7999 journals indexed in ESCI

6846 journals with ESCI BACKFILES



# Emerging Sources Citation Index

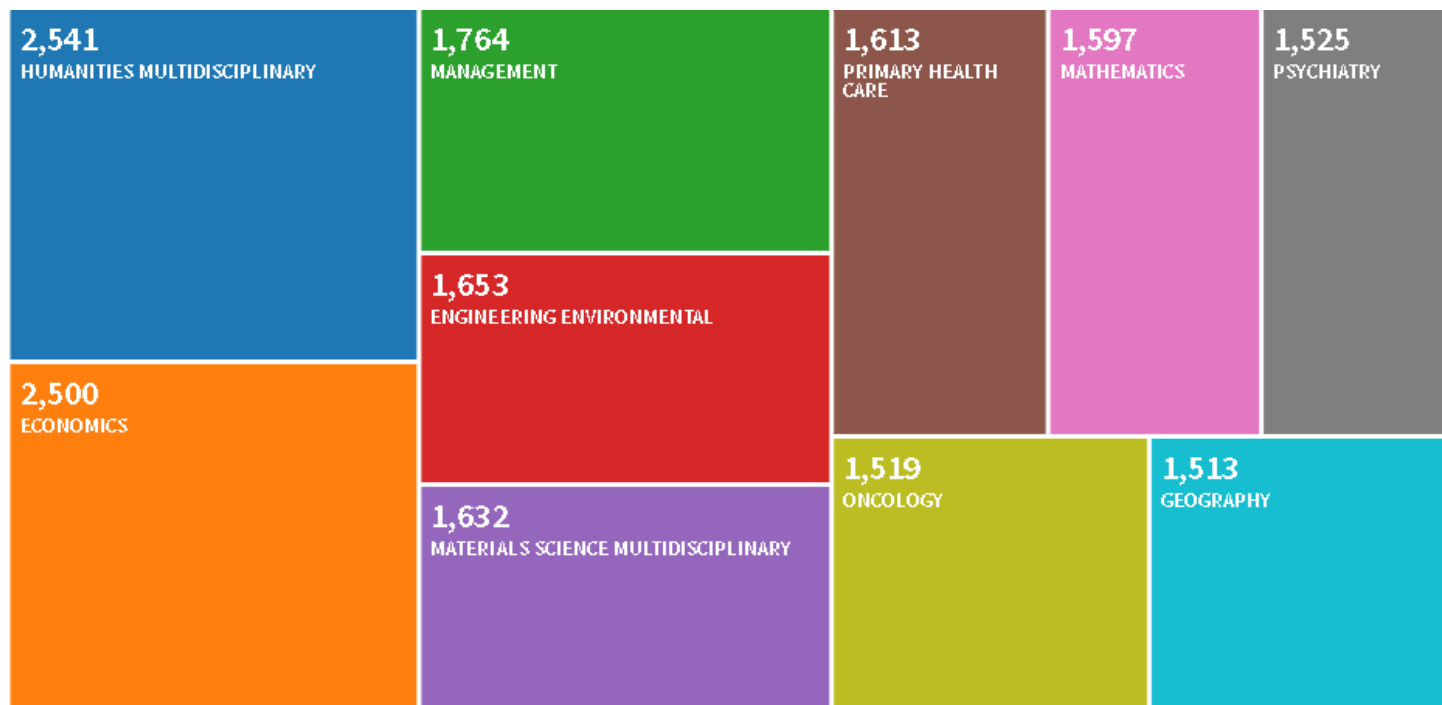
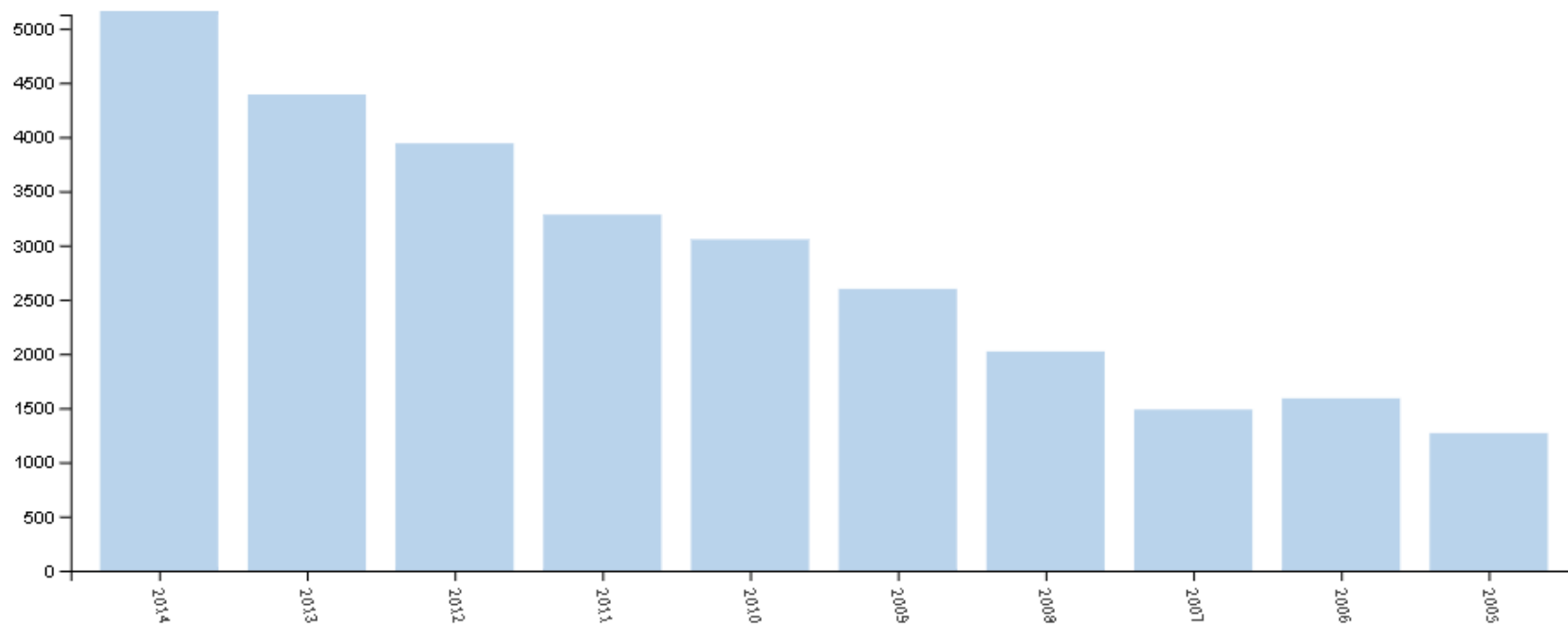
An additional 54,000 papers from Poland



# Poland

Value of Emerging Sources Citation Index (ESCI) Retrospective Data

28,000 additional papers published by Polish authors beyond the 3 Core Collection Editions



# **Relevance, responsibility and integrity in research**

# Institute for Scientific Information (ISI): the “university” of Clarivate Analytics

*ISI has been re-established to extend the pioneering work of Dr. Eugene Garfield*

- ISI maintains the corpus of knowledge around research metrics, preserving its independent integrity. Web of Science and related content, products, and services are built upon this key corpus.
- ISI disseminates that knowledge internally through reports and recommendations as well as externally through events, conferences, and publications.
- ISI carries out research to sustain, extend, and improve the knowledge base.





# ISI Research & Development in the 70s & 80s

“It is not an exaggeration to say that ISI’s expenditure on R&D is one of its most important investments in the company’s future, in its ability to serve customers and thereby ensure its own prosperity and longevity”

- Eugene Garfield (1987)

- **Basic research:** “investigating the structure of the knowledge embodied in the academic literature”
- **Strategic research:** “move discoveries from the basic level...to new product development in medium term (2 to 4 yrs)”
- **Applied research:** “improving current products and services and conducting specialized research for clients”

Essays of an Information Scientist, Vol 10: p380, 1987

Current contents, #51-52, p3, December 21-28, 1987

<http://www.garfield.library.upenn.edu/essays/v10p380y1987.pdf>



## Current Comments<sup>®</sup>

EUGENE GARFIELD

INSTITUTE FOR SCIENTIFIC INFORMATION<sup>®</sup>  
3501 MARKET ST., PHILADELPHIA, PA 19104

The R&D Mission at ISI:  
Basic and Applied Research,  
for Us and for You

Numbers 51-52

December 21-28, 1987

Virtually every company of any significant size—whatever its business—supports a program of research and development. R&D departments help management to improve existing products and often suggest new ones. Until relatively recently, labor or capital resources were the dominant inputs in manufacturing. Today, knowledge, especially in the form of technology, is increasingly becoming the key element in a company’s success. More and more, know-how yields that all important competitive edge. And what holds true for a company also holds true for a nation’s economy: this year’s Nobel laureate for economics, MIT’s Robert M. Solow, demonstrated in the late 1950s that technology is the engine that drives an economy’s growth.

For companies like ISI<sup>®</sup> that provide information-based products, knowledge is doubly important. Companies in the information industry are constantly seeking new knowledge about knowledge—how it can be manipulated, divided, or joined together for a variety of purposes and end-users. It is not an exaggeration to say that ISI’s expenditure on R&D is one of its most important investments in the company’s future, in its ability to serve customers and thereby ensure its own prosperity and longevity.

innovative analytical methods and procedures that, when used in conjunction with ISI’s databases, further information or knowledge retrieval and contribute materially to greater understanding of the process and development of science.

In basic research, the department investigates the structure of the knowledge embodied in the academic literature. In strategic research, it nourishes discoveries from the basic level that offer potential for new product development in the medium term (two to four years in the future). In applied research, the department is involved in improving current products and services and in conducting specialized research for clients.

That last function—research sponsored by extramural agencies and institutions—has not been discussed much in *Current Contents*<sup>®</sup>. Rather than listing the almost innumerable types of research that the department can undertake, I have asked Henry to describe the general capabilities and recent activities of his team. In this way, readers can imagine how our resources might be applied to their specialized information needs.

As Henry mentions at the end of his summary, one of our long-term goals is the development of a knowledge database that

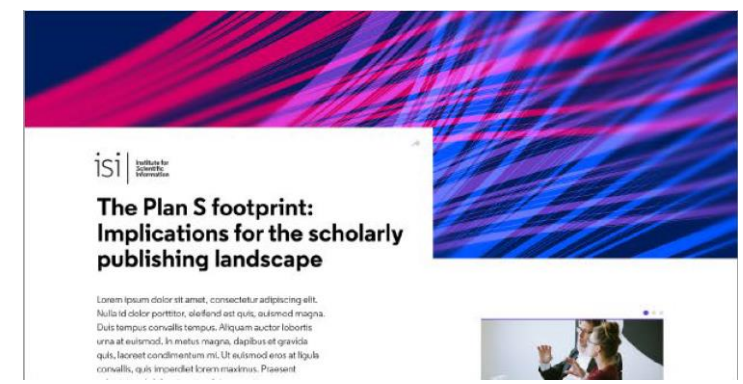
# ISI – Back to the Future

## Foundational Past, Visionary Future



- EDITORIAL INTEGRITY SUPPORT
- METRICS & INDICATORS
- CATEGORISATION & NORMALISATION
- ENHANCE & EXPAND THE DATA
- THOUGHT LEADERSHIP

- ISI is the ‘academy’ of the Web of Science group at Clarivate Analytics:
  - it maintains the knowledge corpus upon which the Web of Science (WoS) and related information and analytical content, products and services are built;
  - it disseminates that knowledge internally through reports and recommendations and externally through events, conferences and publications;
  - it carries out research to sustain, extend and improve the knowledge base.
- Guided by the legacy of Dr Eugene Garfield, and adapted to respond to technological advances and changes in the publishing landscape, our robust evaluation and curation makes the Web of Science Core Collection the most authoritative global citation database
- It seeks to inform and support best-practice analysis and interpretation of research trends and performance.



# **The Journal Selection Process**

# The *Web of Science Core Collection*

Curated with care by an expert team of in-house Web of Science Editors

- Guided by the legacy of Dr Eugene Garfield
- Adapted to respond to technological advances and changes in the publishing landscape
- Our robust evaluation and curation make the *Web of Science Core Collection* the most authoritative global citation database.
- The basic principles of our selection process remain the same: objectivity, selectivity and collection dynamics.

- We use a single set of 28 criteria to evaluate journals
- These are divided into:
  - **24** *quality criteria* designed to select for editorial rigour and best practice at the journal level
  - **4** *impact criteria* designed to select the most influential journals in their respective fields using citation activity as a primary indicator of impact.
- Journals that meet the quality criteria enter Emerging Sources Citation Index (ESCI) in the *Web of Science Core Collection*.
- Journals that meet the additional impact criteria enter SCIE, SSCI or AHCI depending on their subject area.
- These are dynamic collections subject to continuous curation to ensure journals are in the appropriate collection.
- ESCI journals that gain impact move to SCIE, SSCI or AHCI. Over 250 have moved
- SCIE, SSCI and AHCI journals that decrease in impact move to ESCI.
- Any journal that decreases in quality will be removed from the *Web of Science Core Collection*.

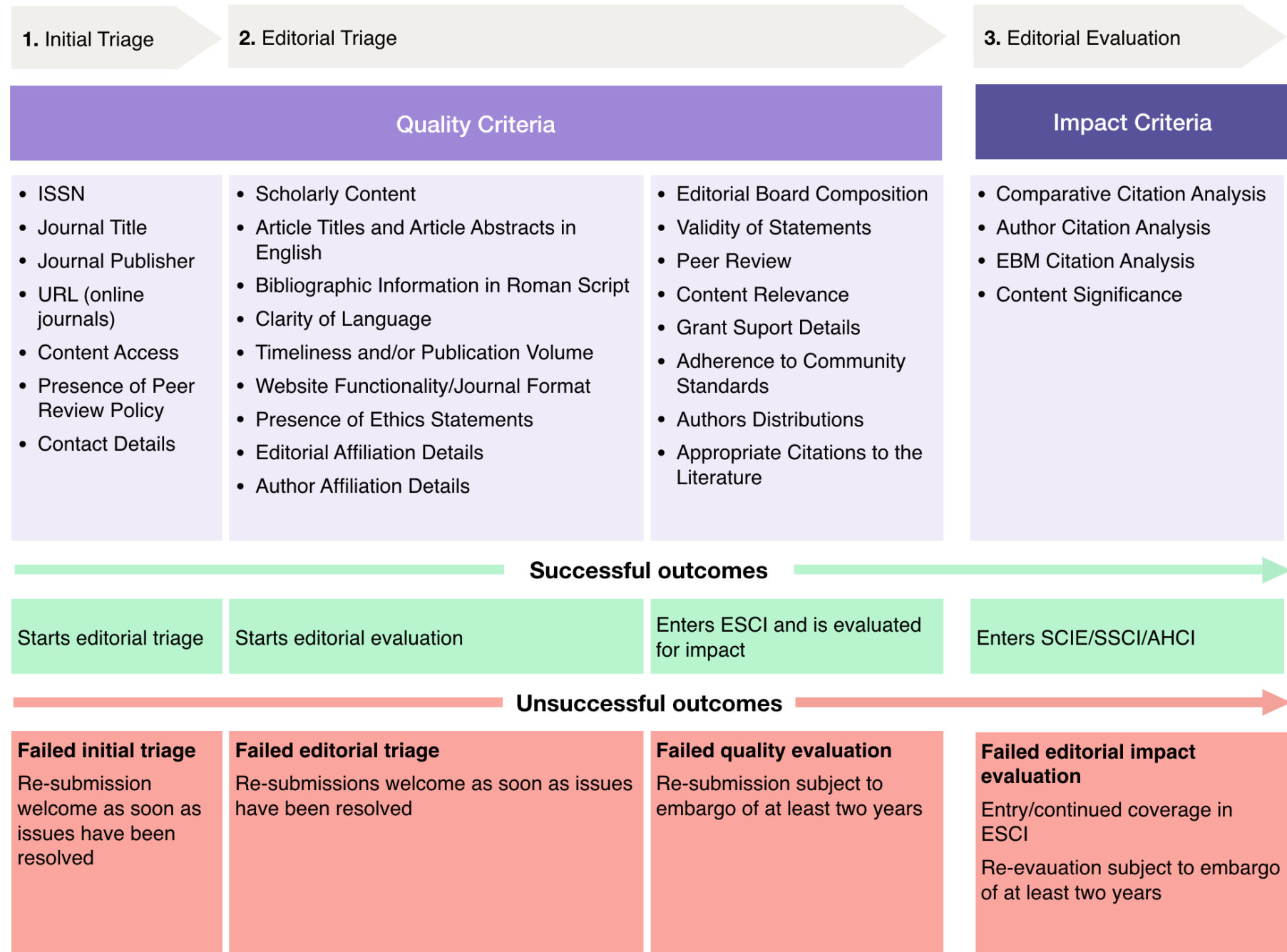
# Editorial Quality

## Curate the content

Metrics begin with selected, trusted, valuable content.

Curation means successfully maintaining a collection of high-quality content.

Adding new journals and removing problem journals are the result of applying the same criteria.



# Initial Triage

- ISSN
- Journal Title
- Journal Publisher
- URL (online journals)
- Content Access
- Presence of Peer Review Policy
- Contact Details

Initial triage is performed using information provided by the publisher.

The principal purpose of this triage step is:

- To ensure unambiguous identification of the journal submitted for evaluation
- To ensure we have full text access to content
- To have knowledge of the journal's peer review policy
- To know who to contact if we have any queries or concerns

If the necessary information is not provided, the Web of Science Editors cannot proceed with the evaluation.

There is no embargo period for re-submission if a journal does not pass initial triage.

# Editorial Triage

- Scholarly Content
- Article Titles and Article Abstracts in English
- Bibliographic Information in Roman Script
- Clarity of Language
- Timeliness and/or Publication Volume
- Website Functionality/Journal Format
- Presence of Ethics Statements
- Editorial Affiliation Details
- Author Affiliation Details

In this step, the Web of Science Editors review the journal to determine whether a full editorial evaluation is merited.

Journal characteristics subject to evaluation include:

- Whether the journal contains a substantial amount of scholarly content
- Whether English language/Roman script requirements are met
- Whether articles are written in a clear, comprehensible way
- Whether journals publish a volume of content that demonstrates interest to the intended research community
- The presence of editorial and author affiliation details to allow their correct identification

***There is no embargo period for re-submission if a journal does not pass editorial triage. Corrections can be made and the journal can be immediately re-submitted***

# Editorial Evaluation (Quality)

- Editorial Board Composition
- Validity of Statements
- Peer Review
- Content Relevance
- Grant Support Details
- Adherence to Community Standards
- Authors Distributions
- Appropriate Citations to the Literature

Check for alignment between the journal's title, stated scope, the composition of its editorial board and its published content.

They are also looking for evidence of editorial rigour and adherence to community standards.

Journal characteristics subject to evaluation include:

- Whether the size and expertise of the editorial board is appropriate to the volume and breadth of published content
- Whether the published content is consistent with the journal's title and stated scope
- Whether there is evidence of robust peer review
- Whether authors demonstrate characteristics that validate their participation in the relevant scholarly community
- Whether journal self-citation rates are within ranges appropriate to the relevant categories

***If a journal does not pass this step, re-submission is subject to an embargo period of at least two years.***



# Editorial Evaluation (Impact)

- Comparative Citation Analysis
- Author Citation Analysis
- EBM Citation Analysis
- Content Significance

The criteria in this step are designed to select for the most impactful journals in a given field of research, using citation activity as a primary indicator of impact.

Citation analysis is conducted at:

- Journal level
- Author level
- Editorial Board level

There is an additional factor that is taken into consideration:


- The content in the journal should be of interest, importance and value to its intended readership and to Web of Science subscribers.
- **Content significance** may be evidenced as a unique specialization, a novel perspective, regional focus or unusual content that enriches the breadth of Web of Science coverage. These attributes are not exclusively reflected in journal-level citation activity.

***If a journal does not pass this step, re-evaluation is subject to an embargo period of at least two years.***

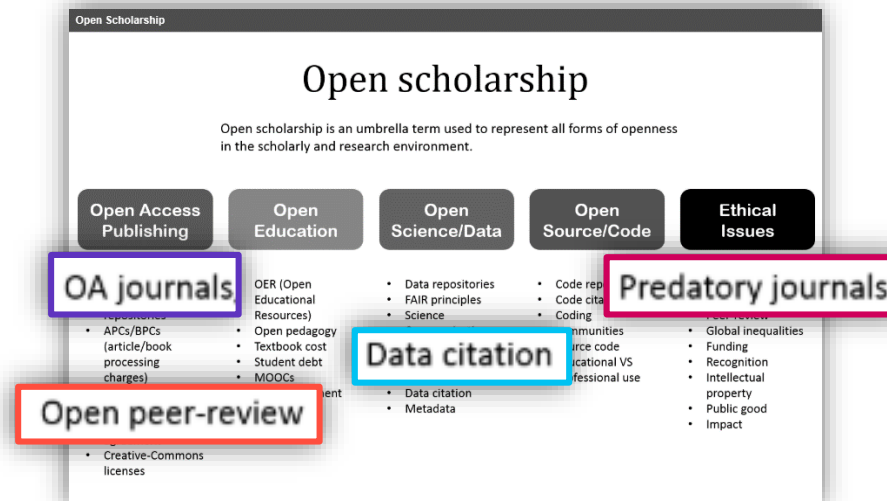
# **Open Access and Open Scholarship**

# Web of Science Group supports open scholarship

## Web of Science

**Open Access** 

- All Open Access (12,808,191)
- DOAJ Gold (4,572,257)
- Other Gold (1,203,241)
- Bronze (5,378,199)
- Green Published (4,181,096)
- Green Accepted (1,120,290)



**Open scholarship**

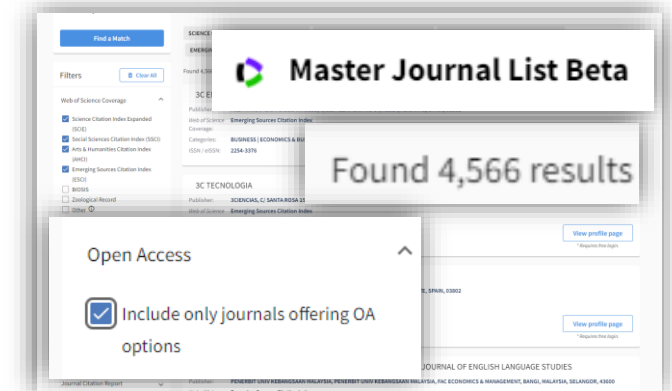
Open scholarship is an umbrella term used to represent all forms of openness in the scholarly and research environment.

- Open Access Publishing**
  - OA journals
  - Open peer-review
- Open Education**
  - OER (Open Educational Resources)
  - Open pedagogy
  - Textbook cost
  - Student debt
  - MOOCs
- Open Science/Data**
  - Data repositories
  - FAIR principles
  - Science
- Open Source/Code**
  - Code repositories
  - Code citation
  - Code reuse
  - Communities
  - Open source code
  - Open source code reuse
  - Open source code reuse vs professional use
- Data citation**
  - Data citation
  - Metadata
- Ethical Issues**
  - Global inequalities
  - Funding
  - Recognition
  - Intellectual property
  - Public good
  - Impact

Image from Rochester University

## Web of Science Core Collection

Our Journal Selection Policy helps your researchers find & publish content in reputable OA journals.



**Master Journal List Beta**

Found 4,566 results

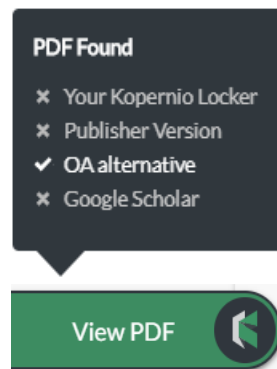
Open Access

Include only journals offering OA options

<https://apps.clarivate.com/mjl-beta/home>

## Kopernio

Delivers OA content to your students and faculty when subscription content is unavailable.

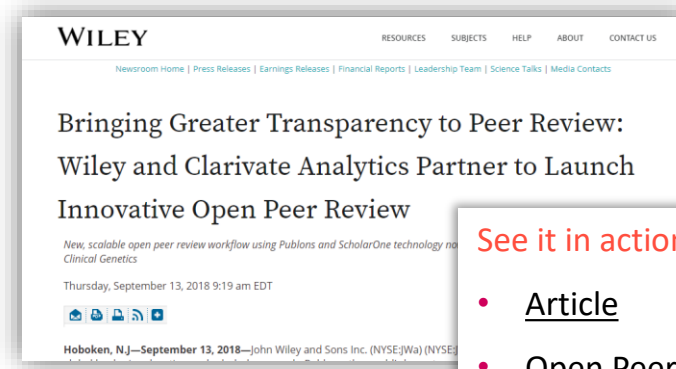


**PDF Found**

- ✗ Your Kopernio Locker
- ✗ Publisher Version
- ✓ OA alternative
- ✗ Google Scholar

**View PDF**

## Publons



**WILEY**

Bringing Greater Transparency to Peer Review: Wiley and Clarivate Analytics Partner to Launch Innovative Open Peer Review

Thursday, September 13, 2018 9:19 am EDT

Hoboken, NJ—September 13, 2018—John Wiley and Sons Inc. (NYSE:JWA) (NYSE:JWS)

Read article

**See it in action**

- Article
- Open Peer Review History in Publons

## Data Citation Index

- 90% of repositories in the Data Citation Index provide free access to content, so that you can acquire data instantly.
- We are DataCite members, and endorse the Force 11 joint declaration on data citation.



# Leading innovation in Open Access discovery and analysis

2014

2017

2018



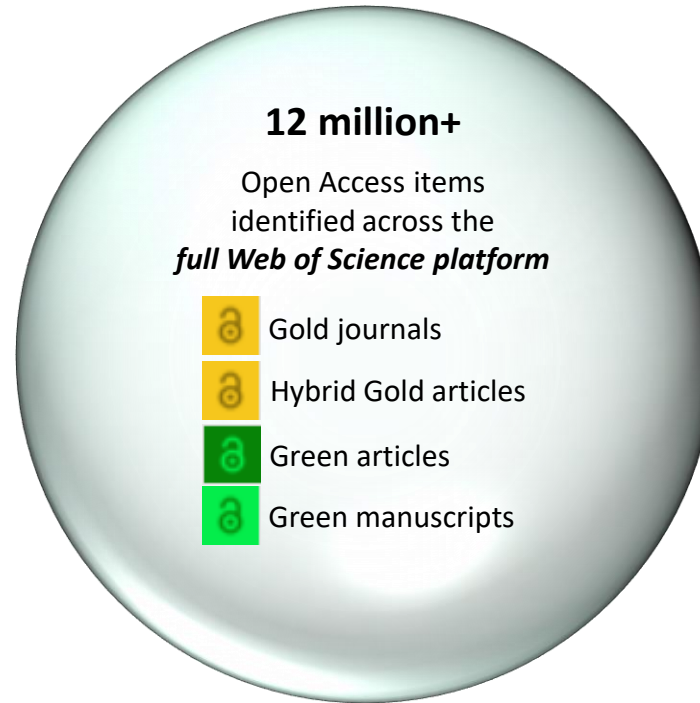
+



Clarivate partners with ImpactStory to improve OA identification for all.

- The Web of Science now offers a **more complete picture of trusted OA**, including legal, peer-reviewed
- You now have **direct access to more free full text** and can be confident that you are finding the best available, legal OA version.

Web of Science is the **first & only** editorially **curated** and **publisher-neutral** **discovery resource** for trusted, peer-reviewed **Open Access** content.



## Open Access

- All Open Access (11,824,729)
- DOAJ Gold (4,123,245)
- Other Gold (1,094,142)
- Bronze (5,375,304)
- Green Published (3,622,726)
- Green Accepted (624,009)

[Learn more about Open Access versioning in Web of Science](#)

Web of Science

Search Search Results Tools Searches and alerts Search History Marked List

Free Full Text from Publisher Full Text Options Save to EndNote online Add to Marked List

3 of 1,734,182

Heart Disease and Stroke Statistics American Heart Association

By: Benjamin, EJ (Benjamin, Emelia J.); Blaha, MJ (Blaha, Michael J.); Chaturvedi, A (Chaturvedi, Anand); Das, SR (Das, Sandeep R.); Deo, R (Deo, Rajat); de Ferranti, SD (de Ferranti, Sarah D.); Floyd, J (Floyd, James); Fornage, M (Fornage, Myriam); Gillespie, C (Gillespie, Cathleen)... More

Group Author(s): Amer Heart Assoc Stat Comm ; Stroke Stat Subcomm

View ResearcherID and ORCID

CIRCULATION  
Volume: 135 Issue: 10 Pages: E146-E603

Citation Network  
In Web of Science Core Collection  
**1,808** Highly Cited Paper  
Times Cited Hot Paper  
Create Citation Alert

**Web of Science** is the first (& only) editorially-curated, publisher-independent discovery resource for trusted, peer-reviewed Open Access content.

Web of Science

Clarivate Analytics

Search

Tools ▾ Searches and alerts ▾ Search History Marked List

Results: 70,045  
(from Web of Science Core Collection)

You searched for: TOPIC: (microbio me\* or microbiot\*) ...More

Create Alert

Refine Results

Search within results for...

Filter results by:

- Highly Cited in Field (2,197)
- Hot Papers in Field (60)
- Open Access (33,851)
- Associated Data (1,962)

Refine

Publication Years

- 2019 (7,757)
- 2018 (13,338)
- 2017 (11,258)
- 2016 (8,929)
- 2015 (6,863)

Sort by: Date Times Cited Usage Count Relevance More ▾

1 of 7,005

Select Page Export... Add to Marked List

Analyze Results  
Citation Report feature not available. [?]

Times Cited: 0  
(from Web of Science Core Collection)

Usage Count ▾

1. **Bioengineering commensal bacteria-derived outer membrane vesicles for delivery of biologics to the gastrointestinal and respiratory tract**  
By: Carvalho, Ana L.; Fonseca, Sonia; Miquel-Clopes, Ariadna; et al.  
JOURNAL OF EXTRACELLULAR VESICLES Volume: 8 Issue: 1 Article Number: 1632100 Published: DEC 1 2019  
  Free Full Text from Publisher

2. **Investigation of Lactobacillus Casei and Lactobacillus Acidophilus Amount at Gut Microbiota from Adult Type 1 Diabetes Mellitus Patients**  
By: Demirci, Mehmet; Keskin, Fatma Ela Temeloglu; Taner, Zeynep; et al.  
JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM Volume: 9 Issue: 3 Pages: 125-129 Published: DEC 2019  
  Free Full Text from Publisher

3. **Microbiota according to gastric topography in patients with low and high risk of gastric cancer in Narino-Colombia**  
By: Camilo Caguazango, Juan; Jairo Pazos, Alvaro  
BIOMEDICA Volume: 39 Issue: 4 Published: DEC 2019  
  View Abstract ▾

4. **Dietary fiber from Indian edible seaweeds and its in-vitro prebiotic effect on the gut microbiota**  
By: Praveen, Ajanth M.; Parvathy, Karthika K. R.; Jayabalan, R.; et al.  
FOOD HYDROCOLLOIDS Volume: 96 Pages: 343-353 Published: NOV 2019  
  Full Text from Publisher  View Abstract ▾

Times Cited: 0  
(from Web of Science Core Collection)

Usage Count ▾



**Article-level Open Access** identification helps you find legally available Gold, Hybrid Gold, and Green articles.

### Open Access

- All Open Access (33,851)
- DOAJ Gold (17,431)
- Other Gold (3,082)
- Bronze (9,105)
- Green Published (20,697)
- Green Accepted (4,744)

Learn more about Open Access versioning in Web of Science

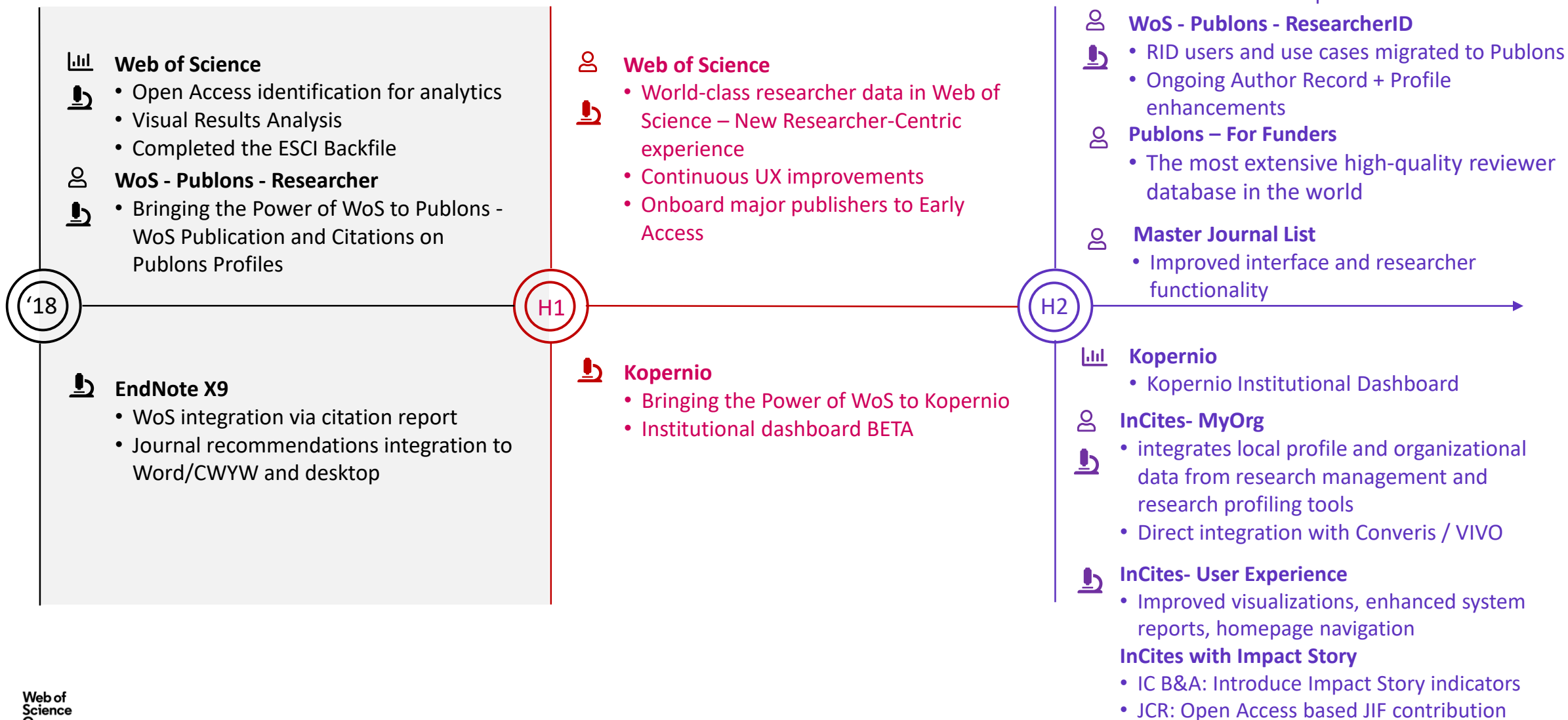
Refine

# Latest Developments and Trends

Improved discovery of and access to high-quality research

# 2019 Web of Science Group Roadmap

## Highlights of key 2019 enhancements



# Kopernio provides one-click access to legal PDFs

Browser plug-in delivers the best available PDF at your point of need, based on your library's subscription.

- Install and use Kopernio for **free**.
- Workflow automation tool **finds PDFs as you browse**
- Integrates with > 20,000 scholarly sites, including Google Scholar and PubMed.
- Always attempts to point to the final published paper (version of record).
- Records usage in COUNTER reports.
- Increases reach and impact of institutional subscriptions.



[Install in Chrome](#)



[Firefox Extension](#)

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote Publons Kopernio Tom Help English

## Web of Science

Clarivate Analytics

Search Search Results Tools Searches and alerts Search History Marked List

SFX Free Full Text from Publisher Look Up Full Text Full Text Options Export... Add to Marked List

1 of 21

### Biological characteristics of gene expression features in pancreatic cancer cells induced by proton and X-ray irradiation

By: Fujinaga, H (Fujinaga, Haruo)<sup>[1]</sup>; Sakai, Y (Sakai, Yoshio)<sup>[2]</sup>; Yamashita, T (Yamashita, Tatsuya)<sup>[2]</sup>; Arai, K (Arai, Kuniaki)<sup>[2]</sup>; Terashima, T (Terashima, Takeshi)<sup>[2]</sup>; Komura, T (Komura, Takuya)<sup>[3]</sup>; Seki, A (Seki, Akihiro)<sup>[3]</sup>; Kawaguchi, K (Kawaguchi, Kazunori)<sup>[2]</sup>; Nasti, A (Nasti, Alessandro)<sup>[1]</sup>; Yoshida, K (Yoshida, Keiko)<sup>[1]</sup> ... More

View Web of Science ResearcherID and ORCID

INTERNATIONAL JOURNAL OF RADIATION BIOLOGY  
DOI: 10.1080/09553002.2019.1558297  
Early Access: APR 2019  
Document Type: Article; **Early Access**  
View Journal Impact

Abstract  
Background: Radiation therapy is an important alternative treatment for advanced cancer. The aim of the current study was to disclose distinct alterations of ... features in pancre. ... we examined the g irradiation and an ... X-ray irradiation. We

#### Citation Network

In Web of Science Core Collection

**13** Times Cited Highly Cited Paper

Create Citation Alert

All Times Cited Counts

13 in All Databases  
See more counts

**26** Cited References  
View Related Records

**View PDF**

### PDF Found

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- ✓ Publisher Version
- ✓ OA alternative
- ✗ Google Scholar

[Learn More:](#)

[Library Guides](#)



# Kopernio Integration

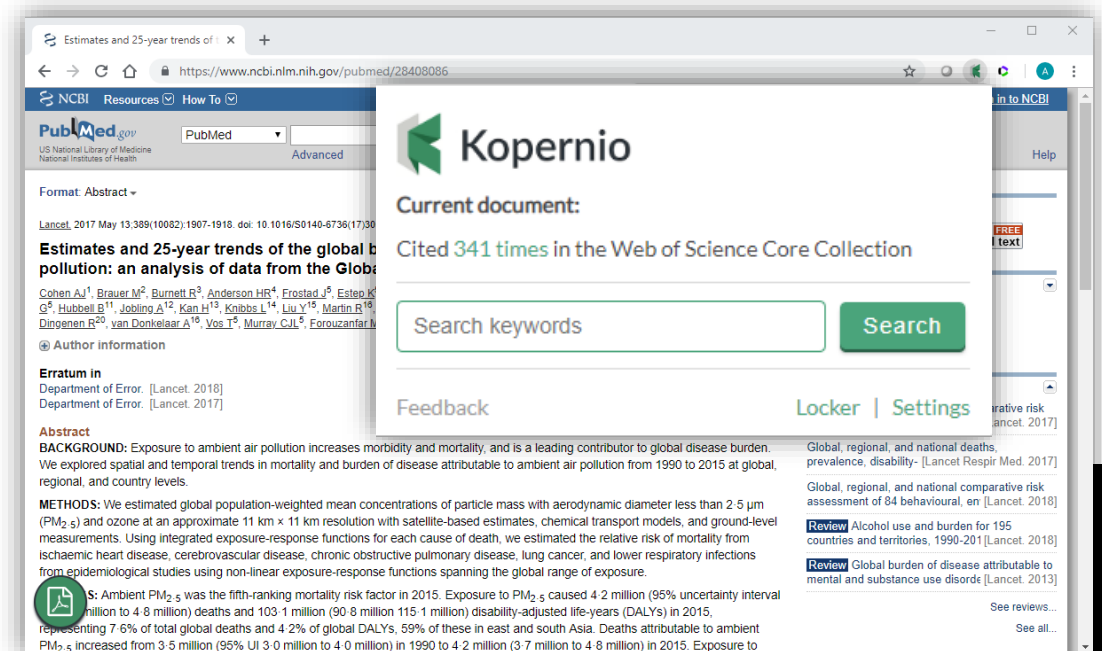
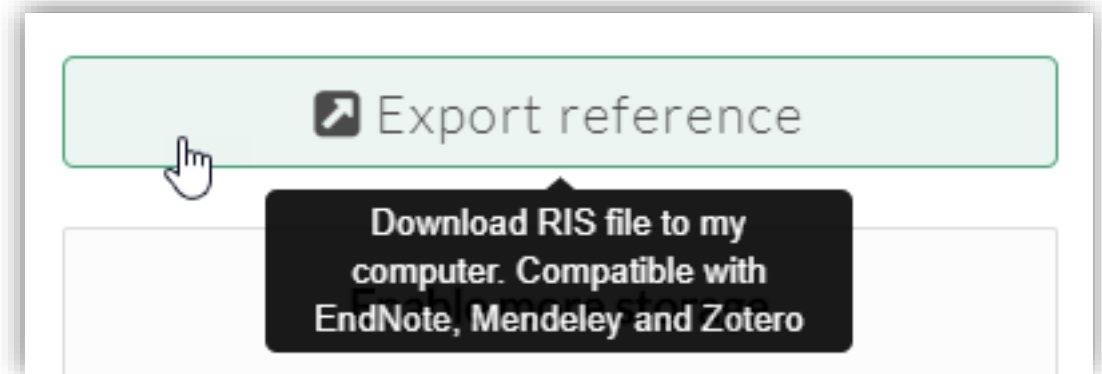
## EndNote Integration

You can now download references for any PDF in your Kopernio locker as an .RIS file.

EndNote users can **download both the PDF and bibliographic information in one click!**

## Web of Science Integration

View the number of times a paper has been cited in the Web of Science Core Collection by clicking one button in your browser.



**Researchers** – Helps save researchers both time and frustration while searching for access to the content they need.

- Travels with the researcher as they search and discover journal articles on the web;
- Brings the institution's subscriptions to the point of need for the researcher, and across many different platforms, on- and off-campus. If no subscription access is available, delivers a free alternative, e.g. an OA version or preprint.

**Institution/ Librarians**– Ensure libraries maximize the value and impact of their library's collections by radically streamlining users' access to subscribed content across many different platforms, on- and off-campus.

- Delivers to the point-of-need of the researcher and by extends FT with freely available content (e.g. OA or preprints) in case no subscription access is available.

**Publishers/Societies/Editors** – Kopernio is focused on delivering users the legal, official version of record for an article driving downloads directly to the publisher's journal site, wherever possible.

# **Building Researcher Profiles within the Web of Science and Publons**

# A Timeline: Identifiers to Profiles

## Pioneering the way...

With *ResearcherID*, we pioneered the concept of assigning a unique identifier for authors that could work across systems.

2007



Web of Science Group has supported **ORCID** from the beginning, even prior to its launch. The concept, code, and some of the original funding for ORCID came from ResearcherID back in 2011.

2012

ORCID

We have always integrated with ORCID... now with *Publons*, researchers can effortlessly keep their ORCID up to date by simply updating their Publons profile – as the Publons profile offers so much more.

2013

publons  
peer review

2019

publons

Web of  
Science  
Group

We are investing in the *Web of Science ResearcherID* across our solutions to keep publications synchronised across the Web of Science Group's suite of solutions: *Web of Science, InCites, Converis, Publons* and more.

**NOW we've introduced true Author Records in *Web of Science*, and *Web of Science ResearcherID* is that unique identifier to ensure direct discovery of that author at any time.**



A Grzybowski

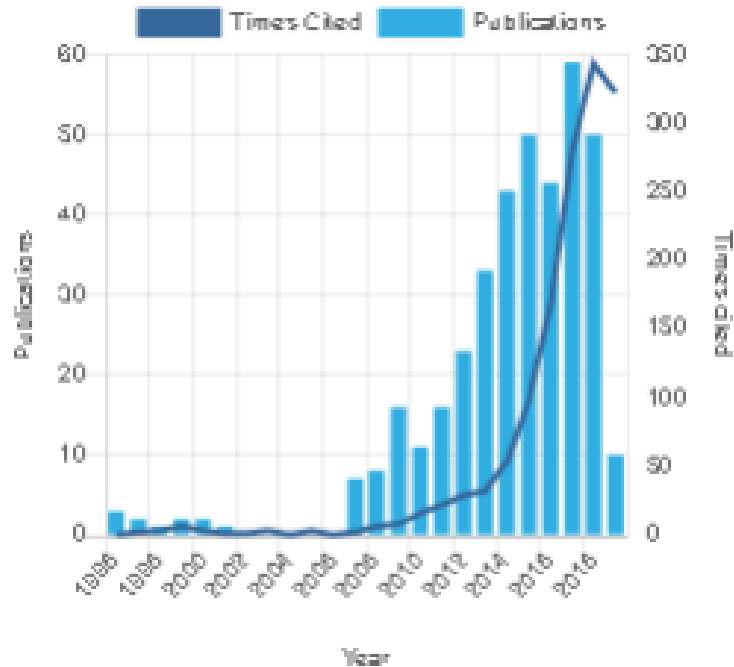
Web of Science ResearcherID  
E-4486-2010

Top peer reviewer

Head - Institute for Research in Ophthalmology, Foundation for Ophthalmology Development,  
Poznan, Poland

PUBLICATIONS  
381

### A Grzybowski's impact over time



# Researcher Profiles: Increasing visibility and discoverability of contributions via Publons

- Summary
- Metrics
- Publications
- Peer review

Research Identifiers

Web of Science ORCID 0000-0

Most cited

The Role of the Age-Related Eye Segment

DOI: 10.1155/2016/3164734

Optical Coherence Tomography Angiography

Authors: Schwartz, Stephen G., Flynn, Harry W., Jr., Grzybowski, Andrzej, ... Scott, Ingrid U., see more  
Published: 2016 in CASE REPORTS IN OPHTHALMOLOGICAL MEDICINE  
DOI: 10.1167/IOVS.15-10043

82

Endophthalmitis After Intravitreal Injections: Incidence, Presentation, Management, and Visual Outcome

Authors: Katz, ME, Strugnell RA, Road JJ  
Published: 2015 in AMERICAN JOURNAL OF OPHTHALMOLOGY  
DOI: 10.1016/j.ajo.2015.04.013

46

### Editorial board memberships

- PAST MEMBERSHIPS
- Acta Ophthalmologica
  - Asia-Pacific Journal of Ophthalmology
  - Frontiers in Neurology
  - International Journal of Dermatology
  - Medical Science Monitor
  - AMHA - Acta Medico-Historica Adriatica
  - Clinics in Dermatology
  - Graefes Archive for Clinical and Experimental Ophthalmology
  - Klinika Oczna
  - Neuro-Ophthalmology

### Verified editor records (manuscripts handled as editor)

- (2) Translational Vision Science & Technology

### Verified reviews

- (14) Graefes Archive for Clinical and Experimental Ophthalmology
- (6) Ophthalmology
- (6) BMC Ophthalmology
- (6) British Journal of Haematology
- (6) Saudi Journal of Ophthalmology
- (12) Journal of Cataract & Refractive Surgery
- (5) Acta Ophthalmologica
- (5) BMJ Open
- (5) Journal of Clinical Medicine
- (4) European Journal of Ophthalmology

# Researcher Profiles

***A journey of transformation and innovation to support a more holistic and researcher-centric workflow in the Web of Science”***

- ✓ Help researchers track more of their impact and own their online identity
- ✓ Deliver the highest-quality disambiguated author data in *Web of Science...* and the world
- ✓ Bring the highest-quality author data into the Web of Science Group’s other solutions
- ✓ Maintain Web of Science Group’s solutions the most trusted resources for confident discovery of an author’s published work, as well as assessment of their output and associated impact

## The Evolution of Researcher Profiles

Enhancing the quality of author disambiguation and accessibility of author data in Web of Science

Giving researchers ownership of their Author Record via Publons

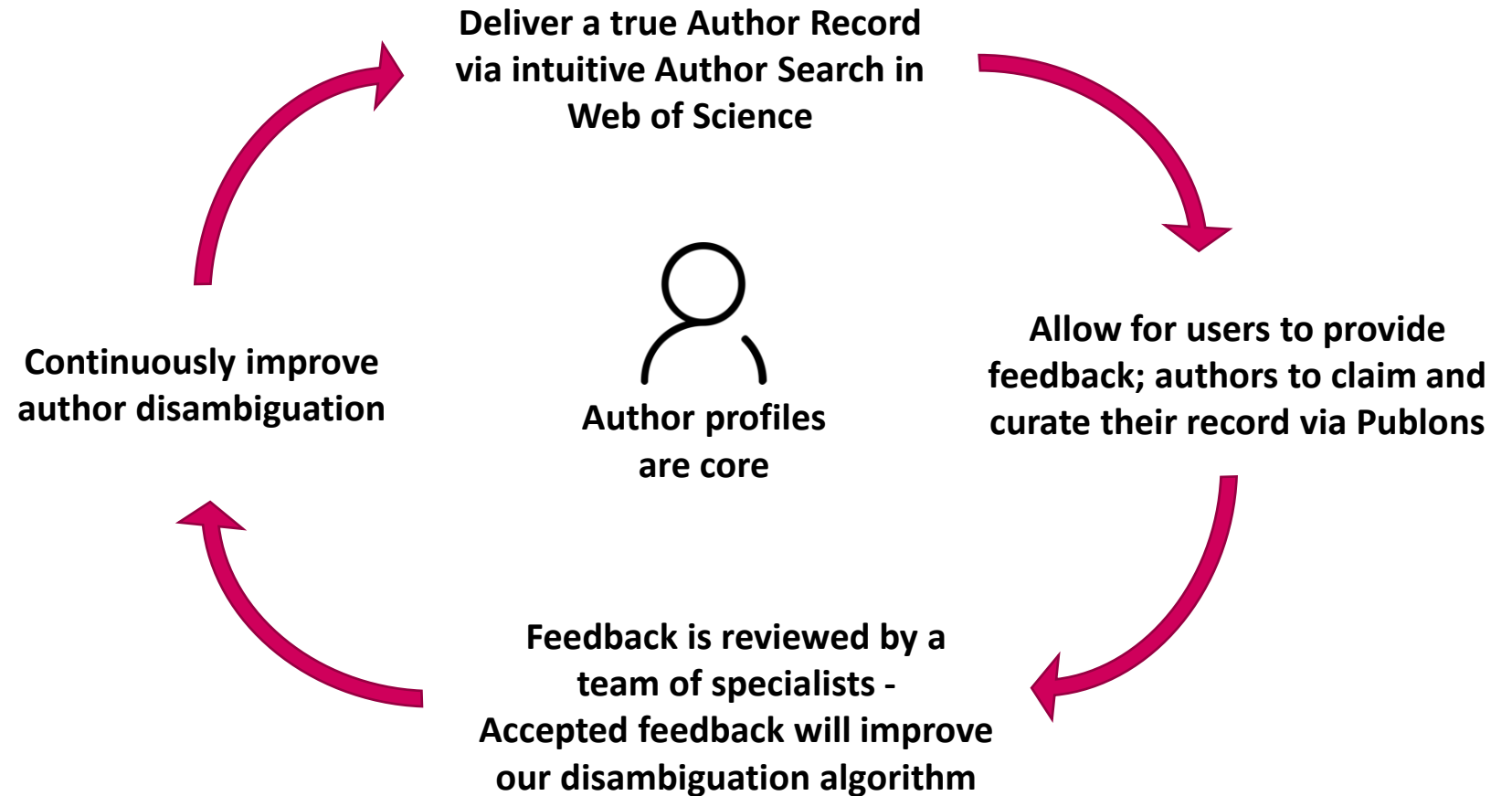
## Features will release in BETA

- A fully re-imagined **Author Search**
- A new **Author Record** view
- Ability for Web of Science users to submit **feedback** to correct publication records
- An enhanced author disambiguation algorithm that suggests author records and learns from user feedback
- Give researchers ability to claim ownership of their 'Web of Science Author Record' via Publons

**Giving  
Researchers the  
power of Web of  
Science data to  
build their  
identity**

## **Author data, made better together.**

**Author disambiguation at scale needs an  
algorithmic approach + human curation**





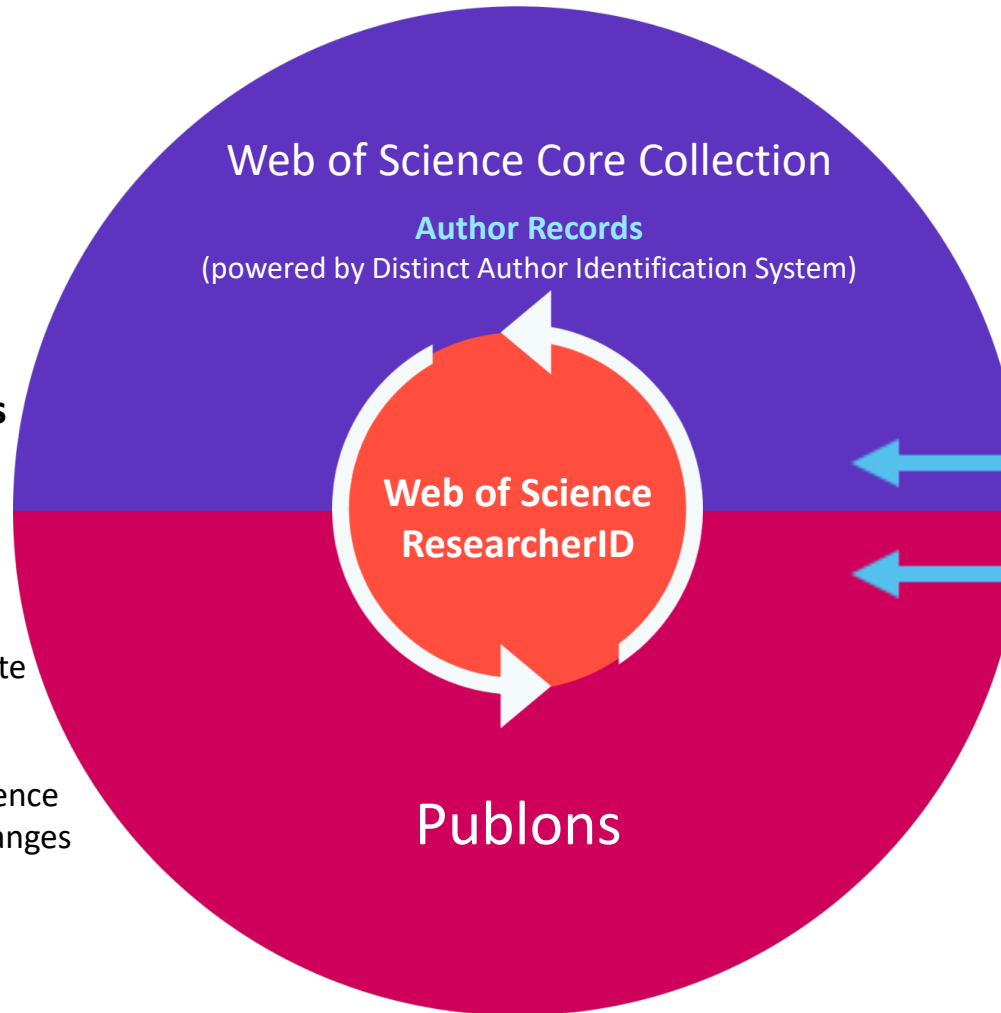
# Evolution in Author Identifiers and Profiles

## A unique experience for unique author identifiers.

*Web of Science* and *Publons* each have a unique Identifying number.

***Web of Science ResearcherID* links the disambiguated data across systems in a bidirectional relationship.**

- Creating a *Publons* profile will generate a *Web of Science ResearcherID*
- Authors can correct their *Web of Science* publications in *Publons* and those changes are automatically reflected in *Web of Science*.



## An easier way to manage profiles.

**Update your ORCID and corrections will automatically synchronize with Web of Science.**



**Update your *Publons* profile and changes can be synced with ORCID**

*- or -*

**Update your ORCID and changes will sync to *Publons*.**

# Exporting and Marked List Options

...and publication claiming via ResearcherID on Publons

The screenshot displays the Web of Science interface. At the top, navigation links include Web of Science, InCites, Journal Citation Reports, Essential Science Indicators, EndNote, Publons, and Kopernio. The main header features the Web of Science logo and Clarivate Analytics branding. A secondary navigation bar contains Search, Search Results, Tools, Searches and alerts, Search History, and a highlighted Marked List button. Below this, a row of action buttons includes SFX, Free Full Text from Publisher, Look Up Full Text, Full Text Options, Export..., and Add to Marked List. A dropdown menu is open under the Export... button, listing options: EndNote Desktop, EndNote Online, Other File Formats, Claim on Publons - track citations (highlighted with a red box and arrow), FECYT CVN, RefWorks, Print, and Email. A red arrow also points from the Add to Marked List button to the Marked List button in the top navigation. The main content area shows a research article titled "Biological characteristics of gene expression and X-ray irradiation" by Fujinaga, H et al. The article is from the International Journal of Radiation Biology, published in April 2019. A citation network sidebar on the right indicates 13 times cited and 26 cited references.

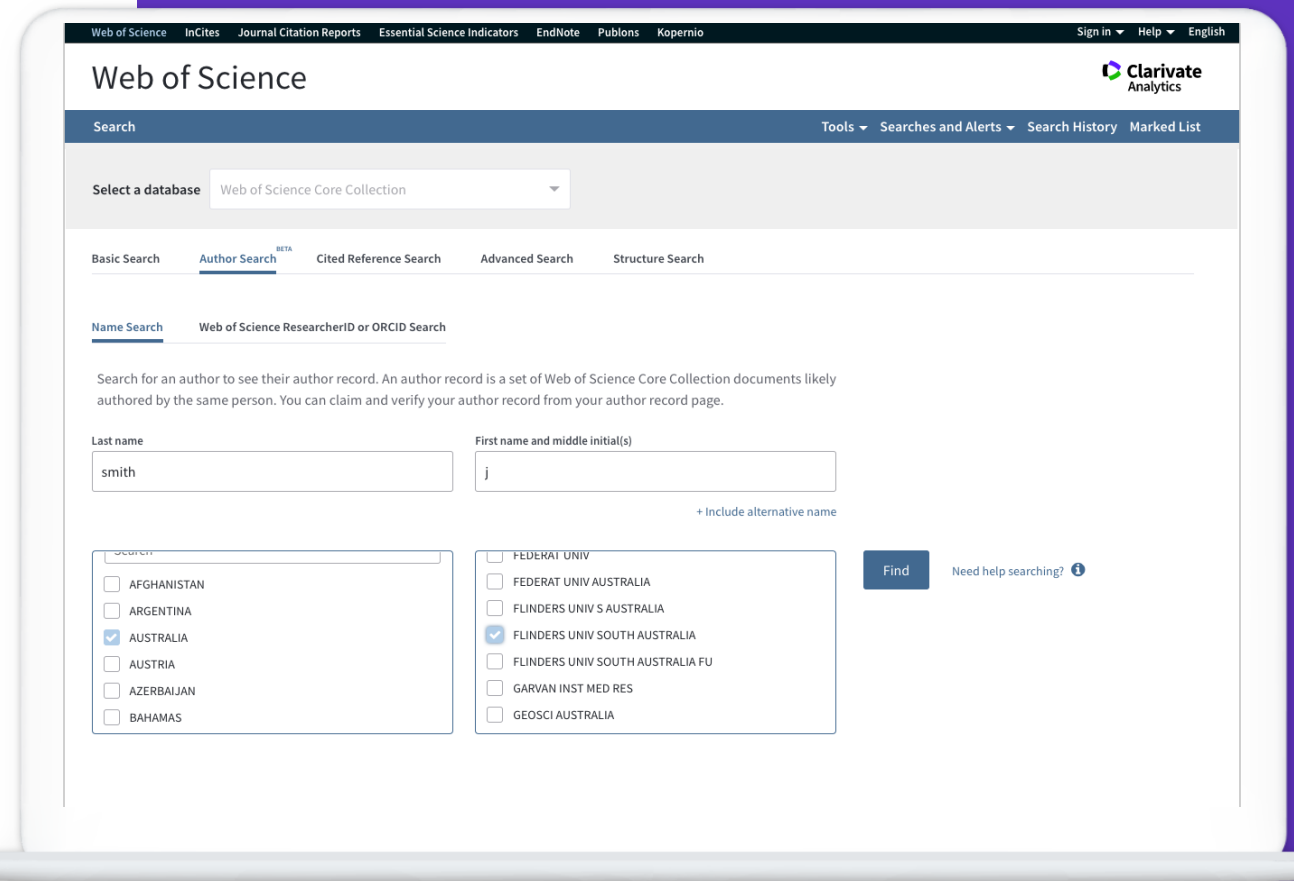
# Your search experience automatically adjusts depending on the level of name ambiguity

**Completely unique names** will take you straight to the author record.

**Moderately ambiguous names** take you to a results screen where you can select the correct record or merge records into one author view.

**Highly ambiguous names** will intuitively guide users to further refine their search (as shown) before going to the results page.

**Our disambiguation algorithm** uses more than 40 indicators to group together publications likely authored by the same person into an Author Record.



... but it's where the search takes you that's even more exciting ...

# Same Authors. New View.

## NEW Author Record (BETA)

The screenshot shows the Web of Science interface for an author record. At the top, there is a navigation bar with links to various services like Web of Science, InCites, and Journal Citation Reports. The main header includes the 'Web of Science' logo and the 'Clarivate Analytics' logo. Below this is a search bar and navigation options like 'Tools', 'Searches and Alerts', 'Search History', and 'Marked List'. The main content area displays the author's name 'Smith, Julie' with a 'CLAIM THIS RECORD' button. A note indicates the record is 'Unclaimed - This is an algorithmically generated author record'. The author's affiliation is listed as 'Australian Natl Univ, Menzies Ctr Hlth Policy, CANBERRA, ACT, AUSTRALIA'. Alternative names and organizations are also listed. A section titled '25 publications from Web of Science Core Collection' shows a list of publications, including 'Maternal Time Use and Nurturing: Analysis of the Association Between Breastfeeding Practice and Time Spent Interacting with Baby' and 'Global trends and patterns of commercial milk-based formula sales: is an unprecedented infant and young child feeding transition underway?'. A 'Citation Network' sidebar on the right displays metrics: H-index (11), Sum of Times Cited (309), and Citing Articles (246).

The authors indexed in *Web of Science Core Collection* haven't changed, but how you find, interact with, and manage their publication record has...

### What is an Author Record?

A clean and comprehensive picture of an author's *Web of Science Core Collection* publication and citation record.

# Same Authors. New View.

## NEW Author Record (BETA)

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote Publons Kopernio Sign in Help English

Web of Science Clarivate Analytics

Search Tools Searches and Alerts Search History Marked List

VIEWING 2 COMBINED AUTHOR RECORDS

**Smith, Julie** CLAIM THIS RECORD

Unclaimed - This is an algorithmically generated author record

Australian Natl Univ  
Menzies Ctr Hlth Policy  
CANBERRA, ACT, AUSTRALIA

Alternative names: Smith, Julie Smith, Julie P. Smith, JP Smith, J. P. SMITH, JP

Organizations: Australian Natl Univ Breastfeeding Promot Network India Mater Mothers Hosp

25 publications from Web of Science Core Collection View as a set of results to export, analyze, and link to full text

Sorted by Date: newest first 1 of 1

Maternal Time Use and Nurturing: Analysis of the Association Between Breastfeeding Practice and Time Spent Interacting with Baby  
Smith, Julie P.; Forrester, Robert  
BREASTFEEDING MEDICINE  
Volume 12 Issue 5 Page 269-278 Published 2017  
TIMES CITED 2

Global trends and patterns of commercial milk-based formula sales: is an unprecedented infant and young child feeding transition underway?  
Baker, Phillip; Smith, Julie; Salmon, Libby ...More  
PUBLIC HEALTH NUTRITION  
TIMES CITED 20

Are You This Author?  
If you're the author of this record, click "Claim This Record" to verify its documents. When you update your publications list on publons.com, it automatically sends a request to update this author record  
Claim This Record

Citation Network  
H-index 11  
Sum of Times Cited 309  
Citing Articles 246

Author name

Alternate name variants

Affiliations

List of publications – including the ability to view as a set of results to export, and analyze with links to full text.

Web of Science Citation Network view

- H-index
- Sum of Times Cited
- Total Citing Articles

# Author data is now in your control

A new seamless curation process gives users the ability to submit feedback to improve Author Records and persistently correct publication records.

Web of Science

Search

VIEWING 2 COMBINED AUTHOR RECORDS

**Smith, Julie** CLAIM THIS RECORD

Unclaimed - This is an algorithmically generated author record

Australian Natl Univ  
Menzies Ctr Hlth Policy  
CANBERRA, ACT, AUSTRALIA

Alternative names: Smith, Julie Smith, Julie P. Smith, JP Smith, J. P. SMITH, JP

Organizations: Australian Natl Univ Breastfeeding Promot Network India Mater Mothers Hosp

25 publications from Web of Science Core Collection

Sorted by Date: newest first

Publication Title	TIMES CITED
Maternal Time Use and Nurturing: Analysis of the Association Between Breastfeeding Practice and Time Spent Interacting with Baby Smith, Julie P.; Forrester, Robert BREASTFEEDING MEDICINE Volume 12 Issue 5 Page 269-278 Published 2017	2
Global trends and patterns of commercial milk-based formula sales: is an unprecedented infant and young child feeding transition underway? Baker, Phillip; Smith, Julie; Salmon, Libby ...More PUBLIC HEALTH NUTRITION	20

Are You This Author?

If you're the author of this record, click "Claim This Record" to verify its documents. When you update your publications list on publons.com, it automatically sends a request to update this author record

Claim This Record

Improve this author record

Correct the record with our new feedback interface to combine author records and remove publications that don't belong.

Authors can now claim ownership and maintain their Web of Science Author Record via Publons

Any Web of Science registered user can submit feedback to correct an Author Record

# A mutually manual curation process...

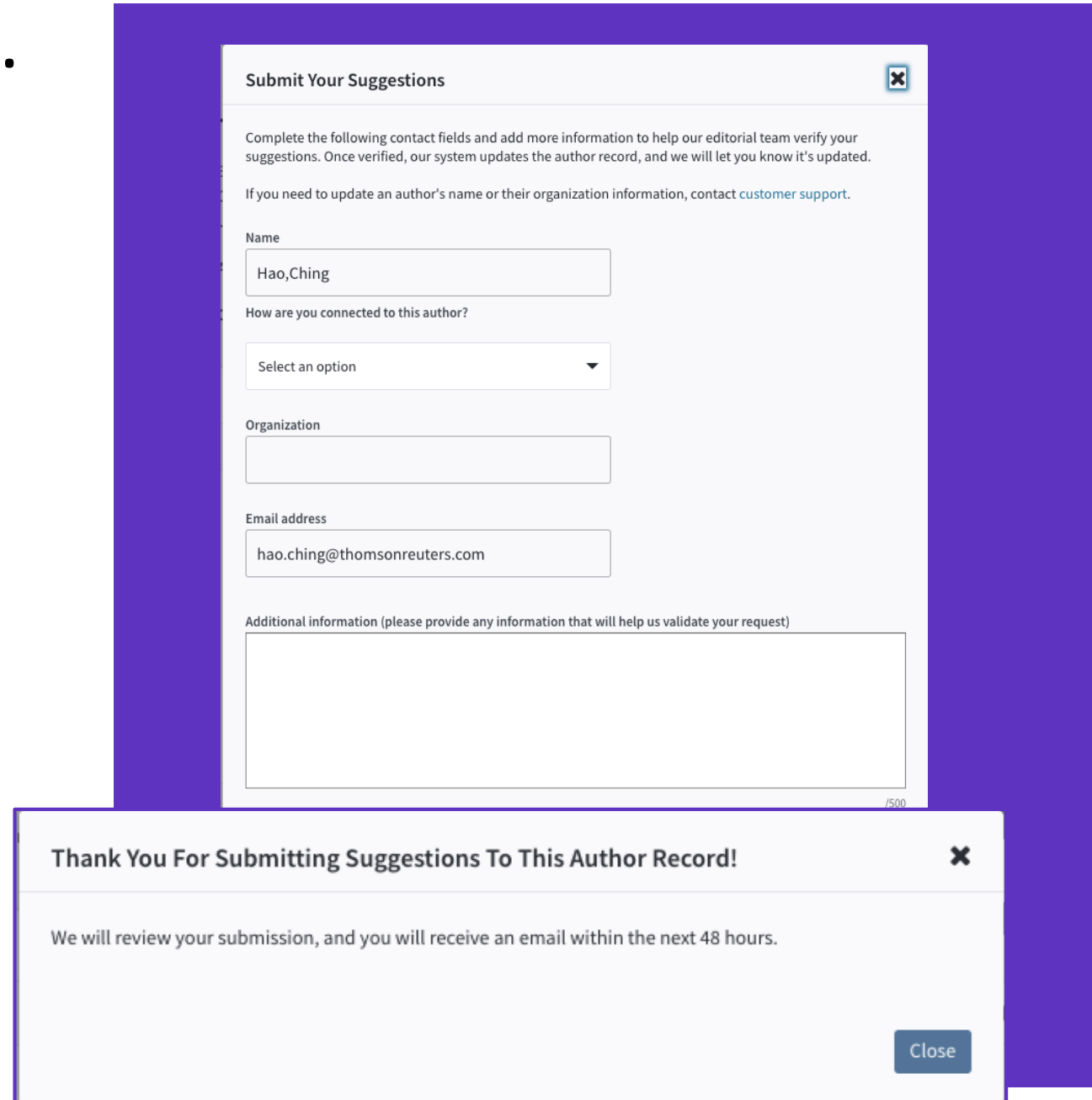
## Feedback isn't just going into a computer...

All submitted feedback is being reviewed! Because if you are taking the time to suggest improvements, we want to make sure they are validated and implemented correctly.

## ... the algorithm learns from your feedback.

Our advanced clustering algorithm uses artificial intelligence to learn from user feedback and will continuously improve the accuracy of author disambiguation.

**Author data,  
made better together**



The image shows a 'Submit Your Suggestions' form and a 'Thank You' confirmation message. The form is titled 'Submit Your Suggestions' and includes a close button (X) in the top right corner. The form text reads: 'Complete the following contact fields and add more information to help our editorial team verify your suggestions. Once verified, our system updates the author record, and we will let you know it's updated. If you need to update an author's name or their organization information, contact [customer support](#).' The form fields are: 'Name' (text input with 'Hao,Ching'), 'How are you connected to this author?' (dropdown menu with 'Select an option'), 'Organization' (text input), 'Email address' (text input with 'hao.ching@thomsonreuters.com'), and 'Additional information (please provide any information that will help us validate your request)' (text area). The form is set against a purple background. Below the form is a 'Thank You For Submitting Suggestions To This Author Record!' message with a close button (X) in the top right corner. The message text reads: 'We will review your submission, and you will receive an email within the next 48 hours.' There is a 'Close' button in the bottom right corner of the message box.





# Delivering Strategic Solutions

A virtual team dedicated to designing and delivering solutions that leverage the power of the Strategic Solutions group for global decisions makers



Supporting governments, funders and institutions to maximize their

- Research Impact
- Collaboration Potential
- Funding Allocation
- Transparency in Execution
- Global Insight



**For Institutions**

- Supporting creation, execution and evaluation of research strategies
- Integrating critical workflow and data
- Providing insights

*Best in class research information systems*



**For Governments and Funders**

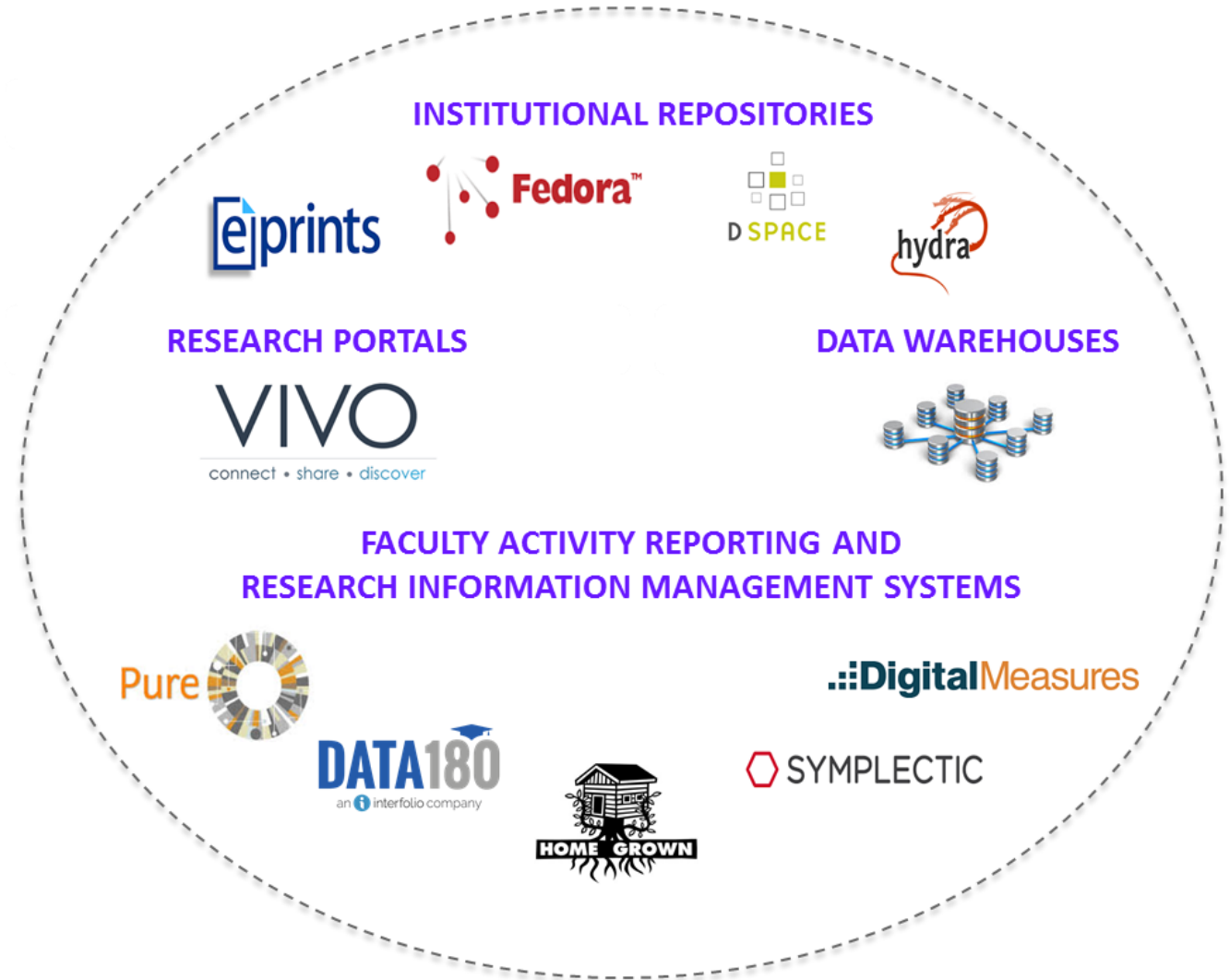
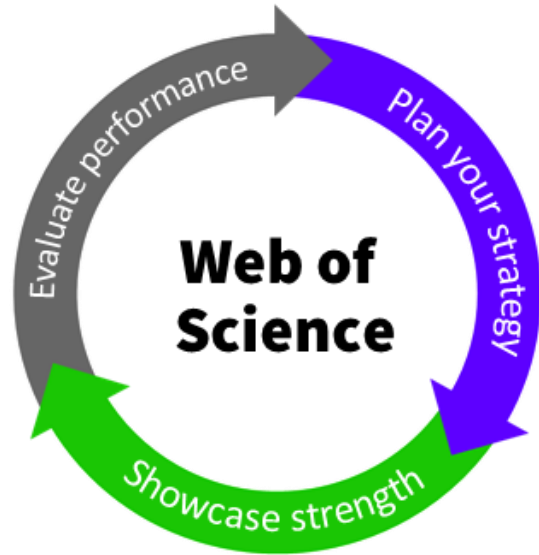
- Deliver cutting edge assessment programs
- Provide deep insights into research programs
- Strategic consultation & services

*Raising standards in global scientific endeavour and policy development*

Our activity is centered on **accelerated growth** and strategically positioning WoSG as the **market leader** in **thought leadership**, service and product delivery

# Improve your institutional systems with trustworthy publications data

APIs | Custom Data Delivery | VIVO Services



[More information about available services](#)

# InCites Benchmarking & Analytics – Content

- All Authors/Addresses
- All Citations
- Cover-to-Cover Indexing
- International
- Multidisciplinary

**WEB OF SCIENCE CORE COLLECTION**

Science Citation Index-Expanded  
 Social Sciences Citation Index  
 Arts & Humanities Citation Index  
 Conference Proceedings Citation Index  
 Book Citation Index  
 Emerging Sources Citation Index



**INCITES BENCHMARKING & ANALYTICS**

- 100+ Countries
- 13,000 Institutions
- 21,000 Journals
- 204K Conference Proceedings
- 101k+ Scholarly Books



12,730+ Unified Organizations

1,100+ Unified Funders

Coverage: 1980–Present

Updated Monthly

Web of Science Group



**With InCites, you can benchmark citation performance to make evidence based decisions about your R&D strategy.**



### ***Research Impact Analysis & Visualization***

- Which academic, government and industry groups produce the most impactful work in my specialty?
- Where are the centers of excellence in a particular region?
- Which organizations produce the hottest research? Who is funding the hottest research?



### ***KOL Assessment & Reporting***

- Which KOLs have produced the most impactful work?
- Who are the KOLs in a particular region?



### ***Research Funding Analysis & Visualization***

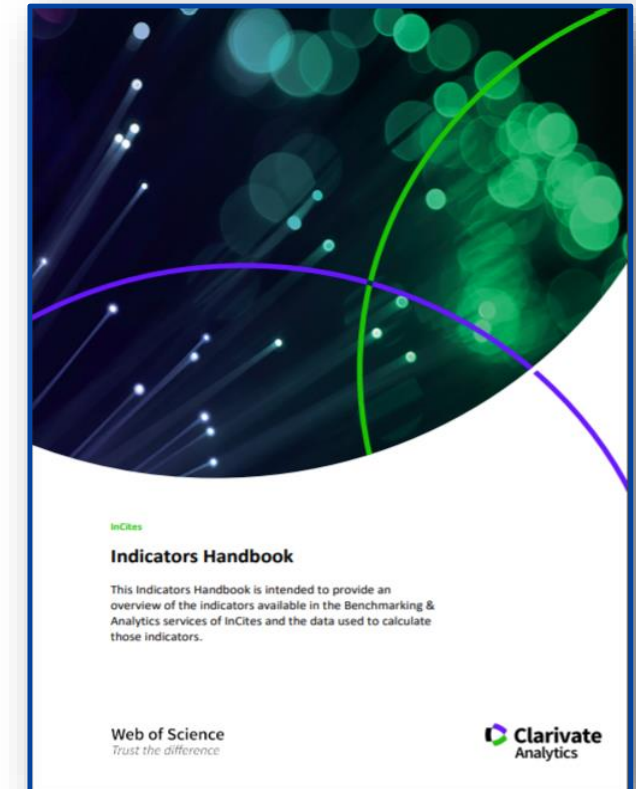
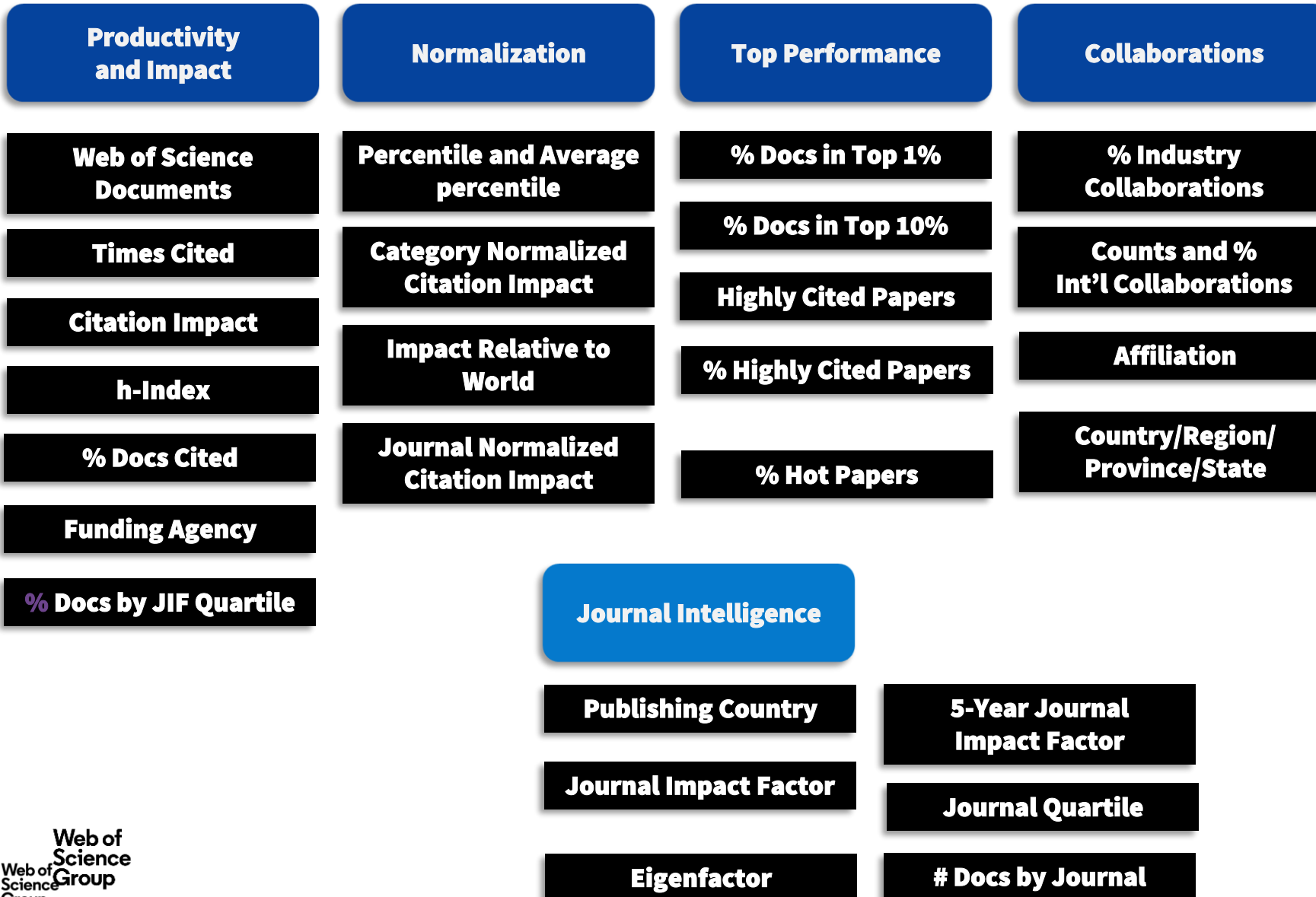
- What is the funding landscape for my specialty?
- Which institutions and authors are benefitting from which agency?



### ***Collaboration Analysis & Visualization***

- Which academic institutions is my company already working with? Which collaborations have the most impact?
- Which academic institutions is my competitor working with? Which collaborations have the most impact?
- Which corporations is a university working with? Which collaborations have the most impact?

# InCites Benchmarking and Analytics: A diversity of Indicators



[Download a copy!](#)

# WHERE ARE WE HEADING ....

On a journey to deliver superior user experience and advanced analytics to address Research Office needs



## Improved Usability

Simplifying usability and understanding of analytics by delivering improved User Experience and UI Workflows



## Enhanced Analytics and Visualizations

Enhance InCites with new visualizations, enhanced researcher level data, broader set of indicators and more comprehensive evaluation with Cited/Citing analysis



## Embed into Customer Workflows

Enable customers to report against authors, team, departments using MyOrganization and improve data integration within customer platforms with expanded APIs



## Advanced Analytics across expanded data

Leverage AI/ML to serve unmet customer use cases, such as identifying Emerging Research Areas, understanding Funding trends

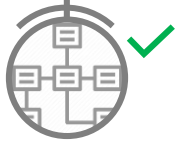
*Deliver compelling insight and understanding through advanced analytics*

# INCITES ROADMAP AND PRIORITIES

## 2019 Roadmap

## Future Direction and Priorities

### H1 2019



#### Category/Schema

- New schema to support REF 2021 Categories
- Updated Australian FOR 2018 category codes
- Added 2 new WoS categories.



#### JCR 2019

*Starting 2019 and continuing to 2020*

- Improved visualizations
- Enhanced System Reports
- Navigation and user workflows



#### B&A Enhancements

- Baselines in Journal explorer
- MyOrg customer facing APIs
- View **Document Type** against list of documents
- Display the **NUTS region** name in location filter
- ISSN Indicator added to Journals

### H2 2019



#### User Experience

*Starting 2019 and continuing to 2020*

- Improved visualizations
- Enhanced System Reports
- Navigation and user workflows



#### My Organization

Launch My Organization Module within B&A

- Converis Integration
- VIVO Integration



#### ImpactStory OA

Introduce ImpactStory Open Access indicators in InCites B&A



#### InCites APIs

Expanded InCites APIs to include OA data and category specific metrics

### 2020 and Onwards



*Expand user workflows and deliver compelling insight and understanding through advanced analytics*

- Redefined home page and improved user workflows.
- Deeper network analysis through cited/ citing analysis.
- New visualizations to enable deeper insight and understanding.
- Enhanced author data and researcher-level analysis.
- New funding data trend and analysis

# CONTINUOUS IMPROVEMENTS IN INCITES B&A

ONGOING – AND NOW TWICE A MONTH – RELEASES BASED ON CUSTOMER FEEDBACK

## New REF 2021 Category Schema

The screenshot shows a dropdown menu for 'Schema' with 'UK REF (2021)' selected. The menu lists various international and national research frameworks, including Australia FOR Level 2, China SCADC Subject 77 Narrow, FAPESP, OECD, UK RAE (2008), UK REF (2014), UK REF (2021), and KAKEN-L2 (Bunya2-H20) (10). The background shows a partial view of a category tree with items like '11 Computer Science and Informatics' and '07 Earth Systems and Environmental Science'.

## Complete set of Baselines added within Journal Explorer

Search 1 results...

Name	Rank	ISSN	Web of Science Documents	Times Cited	% Docs Cited	Journal Impact Factor
Global Baseline	n/a	n/a	60,764,172	856,738,983	59.92%	n/a
Baseline for All Items	n/a	n/a	108,705	3,787,166	64.51%	n/a
Baseline for Pinned Items	n/a	n/a	<b>108,705</b>	3,787,166	64.51%	n/a
▶ LANCET	1	0140-6736	<b>108,705</b>	3,787,166	64.51%	ENGLAND 59.102

1 pinned items | Unpin all

## NUTS Region Names added in addition to NUTS Code

Name	Rank	Web of Science Documents
▶ London (England), UKI, UNITED KINGDOM	1	<b>1,326,200</b>
▶ Ile-De-France, FR1, FRANCE	2	<b>1,156,536</b>
▶ South East (England), UKJ, UNITED KINGDOM	3	<b>849,158</b>
▶ West Netherlands, NL3, NETHERLANDS	4	<b>792,199</b>
▶ Center, ITI, ITALY	5	<b>689,155</b>
▶ Baden-Wuerttemberg, DE1, GERMANY (FED REP GER)	6	<b>679,276</b>

## Document Type within List View

Documents Per Page 10

Article Title	Authors	Source	Research Area	Document Type	Volume	Issue	Page
STATISTICAL METHODS FOR ASSESSING AGREEMENT BETWEEN TWO METHODS OF CLINICAL MEASUREMENT	Bland, JM; Altman, DG	LANCET	MEDICINE, GENERAL & INTERNAL	Article	1	8476	3
RANDOMIZED TRIAL OF CHOLESTEROL-LOWERING IN 44 PATIENTS WITH	Pedersen, TR; Kjekshus, J; Berg,	LANCET	CARDIAC & CARDIOVASCULAR	Article	344	8934	1



# Open Access

Immediately view percentages of OA publishing  
In November you will be able to use OA as filters

▲ Open Access		
<b>% All Open Access Documents</b>	Percentage of publications that are identified as Open Access of any type	<a href="#">Add</a>
<b>% Bronze Documents</b>	Percentage of publications that are identified as Bronze Open Access type	<a href="#">Add</a>
<b>% DOAJ Gold Documents</b>	Percentage of publications that are identified as DOAJ Gold Open Access type	<a href="#">Add</a>
<b>% Green Accepted Documents</b>	Percentage of publications that are identified as Green Accepted Open Access type	<a href="#">Add</a>
<b>% Green Published Documents</b>	Percentage of publications that are identified as Green Published Open Access type	<a href="#">Add</a>
<b>% Other Gold Documents</b>	Percentage of publications that are identified as Other Gold Open Access type	<a href="#">Add</a>

Name	Rank	Web of Science Documents	Category		% Docs Cited	% All Open Access		% DOAJ Gold Documents	% Green Accepted Documents	% Green Published Documents
			Normalized Citation Impact	Times Cited		% Bronze Documents	% Green Documents			
Polish Academy of Sciences	1	59210	1.03	671630	76.19	32.09	8.73	12.17	13.74	3.52
Jagiellonian University	2	32173	1.13	364443	69.49	33.73	9.14	12.77	16.05	4.40
University of Warsaw	3	22071	1.29	299363	71.83	33.80	10.76	11.04	15.12	5.16
AGH University of Science & Technology	4	18756	1.02	155175	70.31	32.41	6.62	12.90	11.31	4.40
Warsaw University of Technology	5	18058	1.02	150513	64.34	24.31	4.76	10.24	8.18	2.24
Wroclaw University of Science & Technology	6	15587	0.82	99284	65.59	20.81	4.68	8.63	5.86	0.74
Adam Mickiewicz University	7	12708	0.91	109724	75.42	29.06	9.24	9.56	11.02	1.76
Medical University of Warsaw	8	12134	0.99	99577	60.53	34.00	7.52	17.60	16.91	1.78
Silesian University of Technology	9	11587	1.06	59745	65.38	28.12	5.31	12.76	4.79	0.51
Collegium Medicum Jagiellonian University	10	11492	1.16	103759	64.95	34.56	6.94	16.90	18.00	2.17
Nicolaus Copernicus University	11	10453	0.93	88059	69.40	31.51	8.91	12.65	12.14	1.62
University of Wroclaw	12	10008	0.97	94830	76.37	27.80	8.35	9.67	9.83	1.92
Lodz University of Technology	13	9355	0.70	57414	68.09	21.93	4.29	9.94	5.76	0.79
Medical University Lodz	14	9214	1.34	107601	67.46	39.03	7.38	22.03	19.75	1.91

# My Organization – a new module in InCites Benchmarking & Analytics

- New module within InCites Benchmarking & Analytics
- Delivers citation reports & analysis against your researchers and departments
- Includes self-service Administrator tools to manage underlying data

The screenshot displays the 'My Organization' page for Clarivate University. It features a header with the organization name and a sub-header 'View and update your organization information.' Below this, there are two main sections: 'Organizational Metrics' and 'Organizational departments and faculty'.

**Organizational Metrics**

DOCUMENTS	DEPARTMENTS
<b>14,123</b>	<b>29</b>
FACULTY	
<b>1,043</b>	

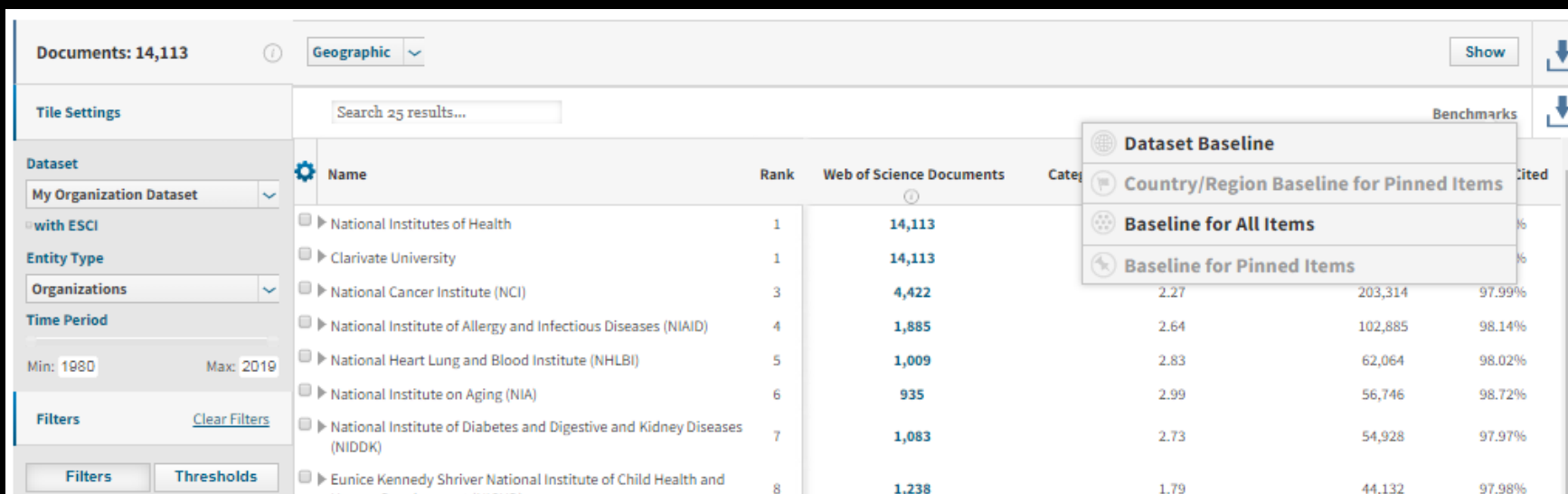
*Last updated: TODAY | 3:16 PM by mo,demo*

**Organizational departments and faculty** Upload Export

ORGANIZATIONAL HIERARCHY	DEPARTMENTS	FACULTY	DOCUMENTS
[-] National Institutes of Health	28	1043	14123
[+] Center for Information Tech...	0	1	5
[+] Center for Scientific Review ...	0	0	0
[-] Eunice Kennedy Shriver Nati...	0	82	1239
[ ] Bonner Robert	-	-	5

# Unique benefits

Generate actionable insights through analyzing accurate researcher and departmental data



- Define and evaluate **internal and external collaboration** of your departments or researchers

- Assess new teams to create **high impact research** and **export bibliometric reports in bulk**

- Understand and **compare performance across your researchers and departments** using our set of normalized metrics including CNCI

- Identify your **top 10% of research** to support internal review by researcher and generate **comparative departmental reports** for annual review

By Attributes

- Department Level  
Display Level: All
- Department Name  
University of Maryland Baltin

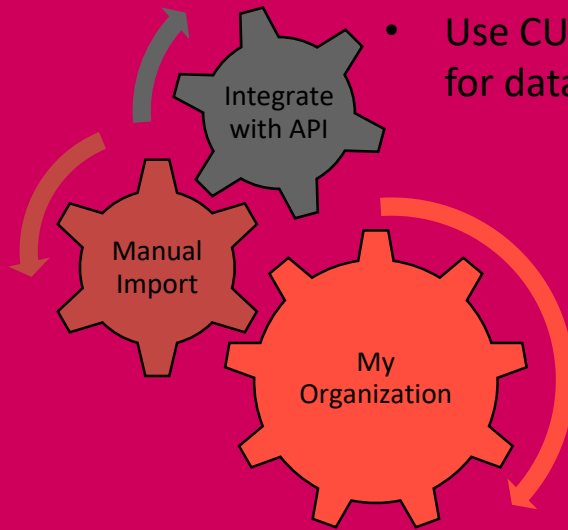


# Capabilities

It starts with researcher and department data from your Research Information System...

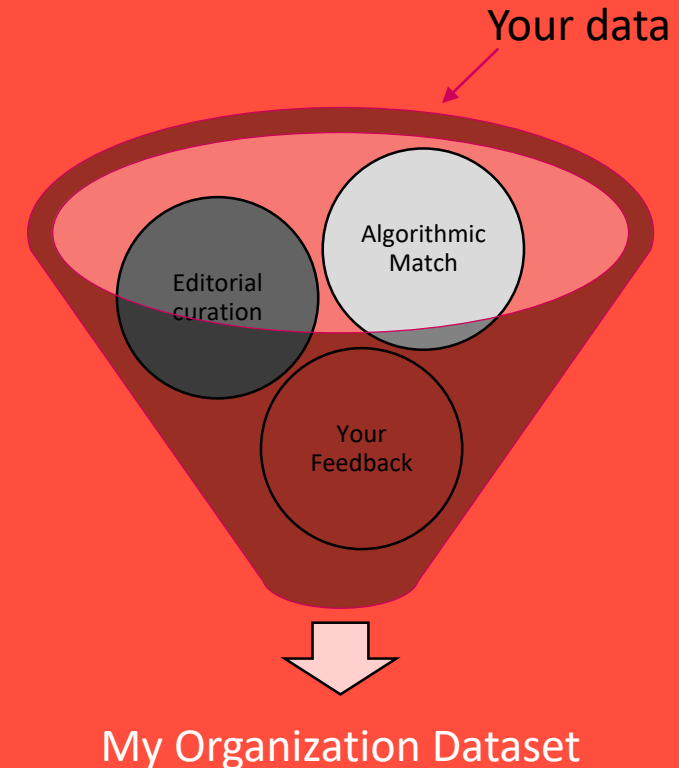
## Self-service tools

- Setup your API key
  - Push data using RESTful API
  - Use CUD services for data refresh
- Format your data using My Org import file
  - Upload on demand to keep as current as you like



## Faculty Match Service

Work with us to build a dataset that may be reused and updated up to three times per year



# The Future – InCites Benchmarking & Analytics

CONTINUOUS USER EXPERIENCE IMPROVEMENTS STARTING Q3 2019 AND CONTINUING INTO 2020



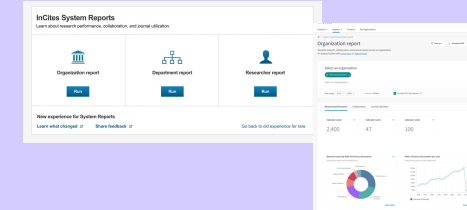
## NEW HOMEPAGE AND NAVIGATION EXPERIENCE



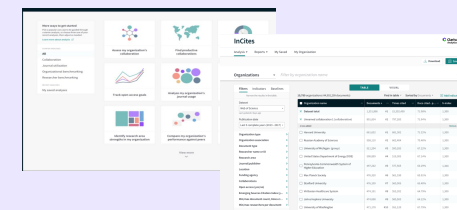
## UPGRADED DATA VISUALIZATIONS



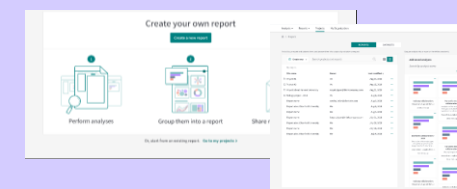
## IMPROVED PRE-BUILT REPORTS



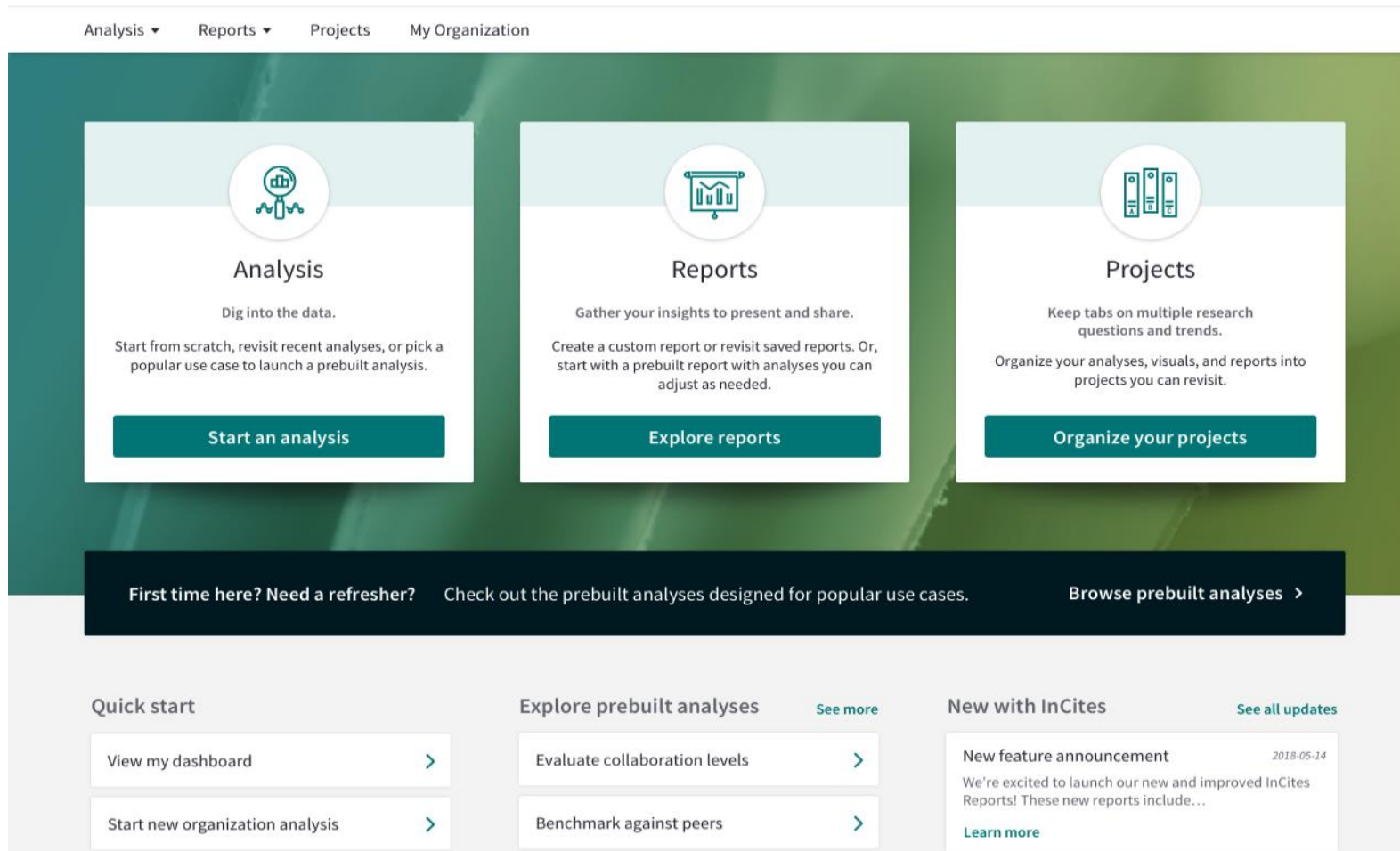
## NEW APPROACH TO DATA-DRILLDOWN AND ANALYSIS



## ENHANCED SAVE AND SHARE

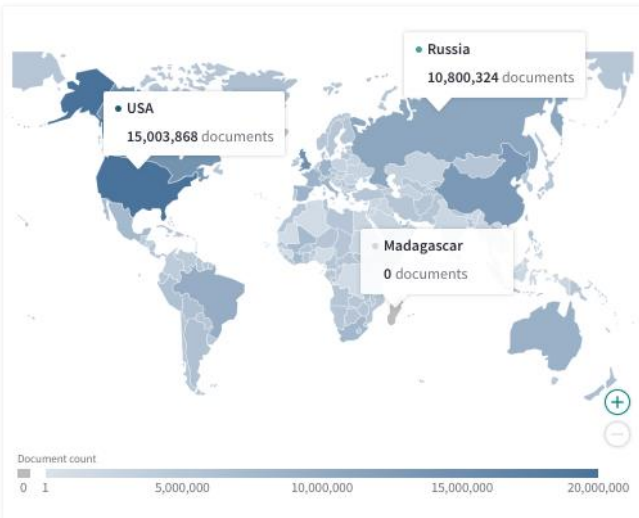
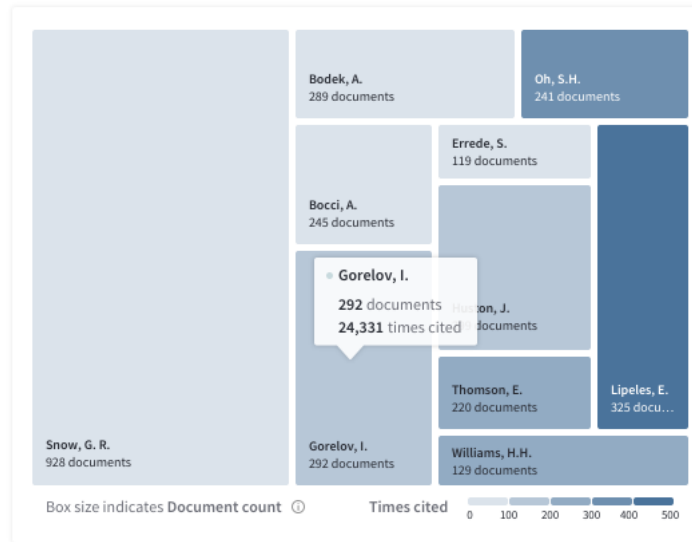
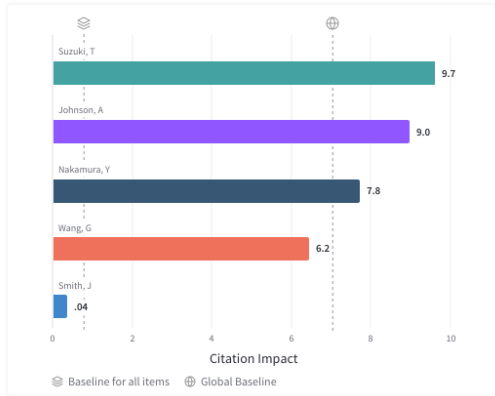


# New Homepage and Navigation Experience



- Help users with clear entry points to start an analysis , quickly dive into key tasks and revisit past work.
- Navigation has been structured to reflect the key stages in the users' workflow (analysis > reports > projects).

# Improved Data Visualization



Giroux, C	102	151	87	180	207	102	132	80
Read, M	223	234	223	223	223	223	223	223
Leier, T	87	123	114	87	210	87	90	79
Sanheim, T	112	207	112	201	112	112	170	165
Simmonds, W	92	87	243	110	240	88	92	210
	Suzuki, T	Johnson, T	Nakamura, R	Wang, G	Smith, J	Edmunds, P	Lieberstein, D	Hemckels, J


## UPGRADED DATA VISUALIZATIONS

- Data visualization options have a refreshed color palette for a clean, modern style.
- Additional contrast, shapes, and patterns make visuals easy to interpret at-a-glance, including for people with color blindness.

# Pre-Built Reports


## InCites System Reports

Learn about research performance, collaboration, and journal utilization.




Organization report

Run



Department report

Run

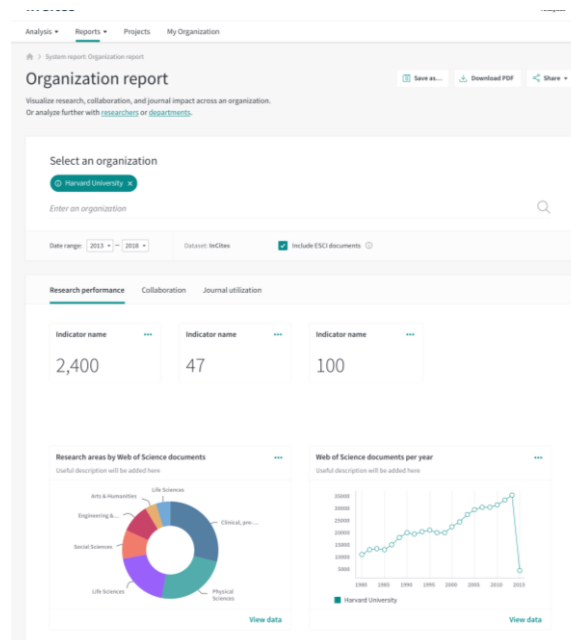


Researcher report

Run

New experience for System Reports

[Learn what changed](#) [Share feedback](#) [Go back to old experience for now](#)



## IMPROVED PRE-BUILT REPORTS

- Streamlined structure - making it clear what you can learn from each analysis in the report.
- New filtering options - select multiple organization names for the organization overview report
- MyOrg integration - new department system report to benchmark specific departments



# IMPROVING USABILITY WITHIN INCITES B&A

The screenshot displays the InCites B&A interface. At the top, there's a 'More ways to get started' section with a tip and a link. Below it, a sidebar lists 'STARTER ANALYSES' (All, Collaboration, Journal utilization, Organizational benchmarking, Researcher benchmarking) and 'RECENT ANALYSES' (My saved analyses). The main area features a grid of nine analysis cards, each with a title and a representative chart icon. The cards are: 'Assess my organization's collaboration', 'Find productive collaborations', 'Evaluate researcher collaboration', 'Track open access goals', 'Analyze my organization's journal usage', 'Find top journals in a research area', 'Identify research area strengths in my organization', 'Compare my organization's performance against peers', and 'View a researcher's funding sources'. A 'View more' link is at the bottom of the grid.

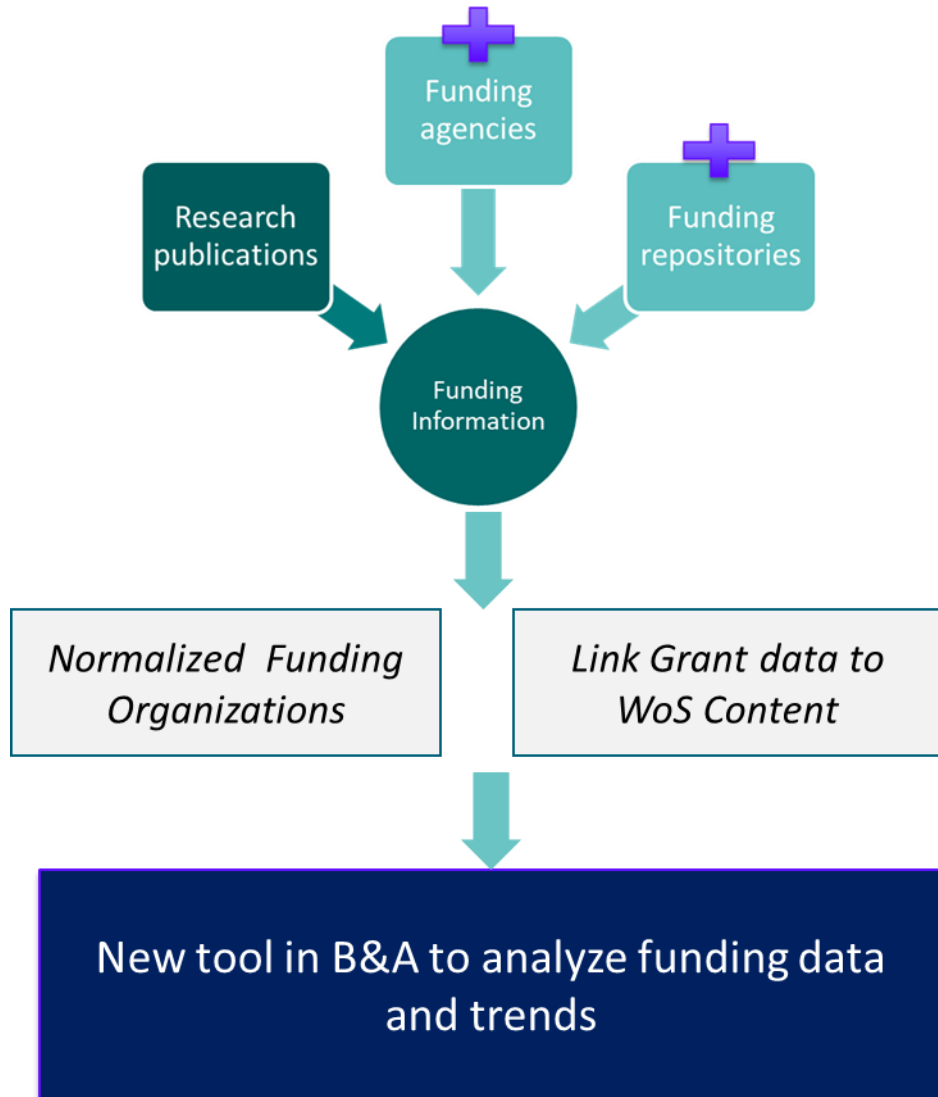
Below the grid, the InCites logo and Clarivate Analytics logo are visible. The navigation bar includes 'Analysis', 'Reports', 'My Saved', and 'My Organization'. There are 'Download' and 'Save' buttons. The main content area is titled 'Organizations' with a search filter 'Filter by organization name'. It shows a table view of data for 30,780 organizations (44,992,299 documents). The table has columns for Organization name, Documents, Times cited, Docs cited - p..., and h-index. The data is sorted by Documents.

Organization name	Documents	Times cited	Docs cited - p...	h-index
Dataset total	1,351,866	#1 15,302,490	71.98%	1,300
Unnamed collaboration 1 (collaboration)	801,834	#2 797,283	71.94%	1,300
Harvard University	661,652	#1 681,302	71.22%	1,300
Russian Academy of Sciences	558,110	#2 662,404	70.46%	1,300
University of Michigan (group)	511,204	#3 590,283	67.22%	1,300
United States Department of Energy (DOE)	500,899	#4 519,303	67.14%	1,300
Pennsylvania Commonwealth System of Higher Education	497,202	#5 577,565	66.29%	1,300
Max Planck Society	476,320	#6 561,330	65.91%	1,300
Stanford University	476,109	#7 560,005	65.40%	1,300
VA Boston Healthcare System	474,101	#8 553,202	64.79%	1,300
Johns Hopkins University	474,008	#9 580,503	64.12%	1,300
University of Washington	471,178	#10 551,120	67.79%	1,300

## NEW APPROACH TO DATA-DRILLDOWN AND ANALYSIS

- New analysis landing page that guides new users through the analysis process, while providing expert users opportunities to continue work in progress .
- The new approach to the query builder invites users to explore the data and discover new insights through improved organization of filters , data drill-down functionalities.

# 2020 - GRANT/ FUNDING ANALYTICS IN INCITES B&A



## INITIATIVE GOALS:

- Provide a broader and more integrated view of the funding and research landscape via a new tool in B&A, primarily focused on the Research Office.
- Expand sources of funding data within WoS by pulling in data from funding repositories.
- Link grant data to publication data to enable assessment of grant impact.
- Define new metrics/indicators/visualizations to analyze funding trends and impact.

# Web of Science Group – Delivering Unique Value to the Research Ecosystem



100% of AAU Universities



98% of Carnegie R1 Universities



100% of Ivy League Universities



the US government



Fortune 500 Companies



US Funding Agencies



the US government



100% of the LERU Universities



98% of all European Consortia



Major research funders



International rankings



100% of Thailand's universities



by Australian Research Council



100% of Group of Eight universities



100% of New Zealand's universities



100% of the 'First Class University Group' in China



92% of the 'First Class Discipline Group' in China



100% internationally ranked Russian universities



100% of organizations in Azerbaijan



100% of organizations in Kazakhstan



100% of Ukrainian organizations



Used by the Ministry of Education Malaysia



Over 100 countries



92% of South African universities



By governments in Europe

## We're everywhere...

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



# Thank you

Jeff Clovis  
Director, Customer Success/Education  
[jeff.clovis@clarivate.com](mailto:jeff.clovis@clarivate.com)