InCites Benchmarking & Analytics

Massimiliano Carloni Solution Specialist massimiliano.carloni@clarivate.com

June 2018



Agenda



- 1. Clarivate Analytics: news
- 2. Publons & Kopernio plug-in
- 3. Web of Science enhancements: Unpaywall integration, ESCI and other
- 4. InCites introduction
- 5. InCites recent updates and future roadmap
- 6. InCites live



Clarivate Analytics

The evolution of the company



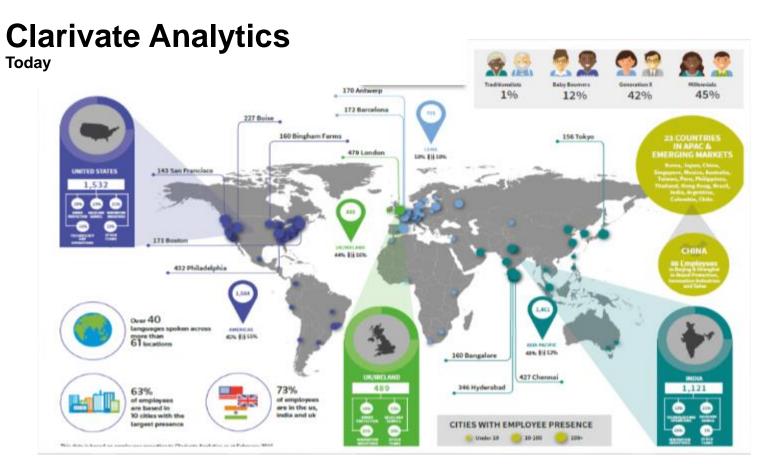
We have a 60-year legacy of curating the most authoritative knowledgebase, including the Web of Science, a custodian of 100 years' worth of research.

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 & Baring Asia 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.







Change is scary

But not as scary as staying the same forever

Oct 2016 Jun 2017 Jul 2017 Apr 2018 2nd Half 2018

Clarivate Analytics publins Kopernio

acquisition

acquisition

partnerships

the new name



back to the future

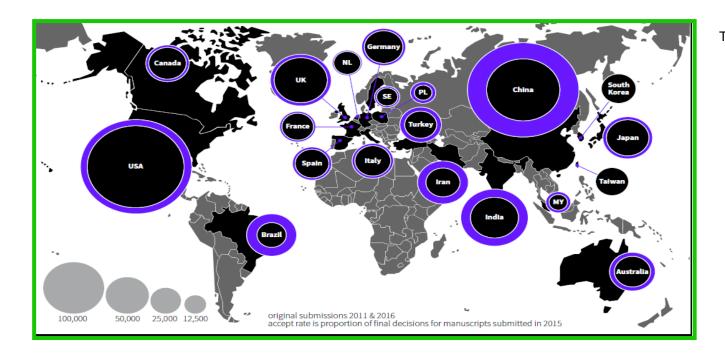
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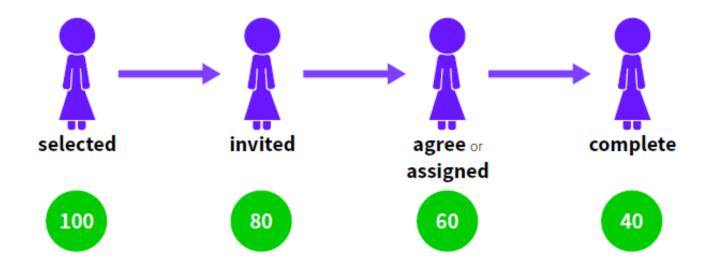
A phenomenon always growing



The number of submission is increasing with very different percentages all around the world*

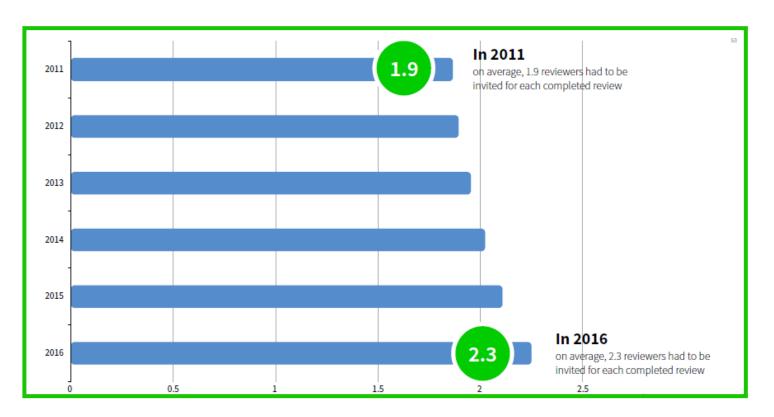


The consequence: the challenging research of a eviewer





The consequence: the challenging research of a eviewer





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

Turn peer review into a rewarding activity

Expand and improve the pool of available reviewers

Provide tools to improve the efficiency of the review process and for finding reviewers





Today*

390k+ REVIEWERS (+160%) 2.1m+ REVIEWS (+170) 2,090+
INTEGRATED JOURNALS
(+55%)

50+
PARTNERED
PUBLISHERS

























































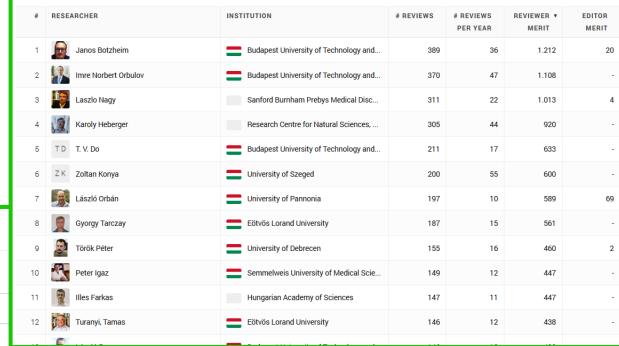






Publons Today*





Countries/Regions						
HIDE FILTERS	CLEAR ALL					
Country/Region						
HUNGARY X						
1 result						
# COUNTRY/REGI	ON					

result						
#	COUNTRY/REGION	REVIEWERS	TOP REVIEWERS ▼	REVIEWER MERIT	EDITOR MERIT	OPENNESS
32nd	Hungary	348	19	19.037	242	4,6%

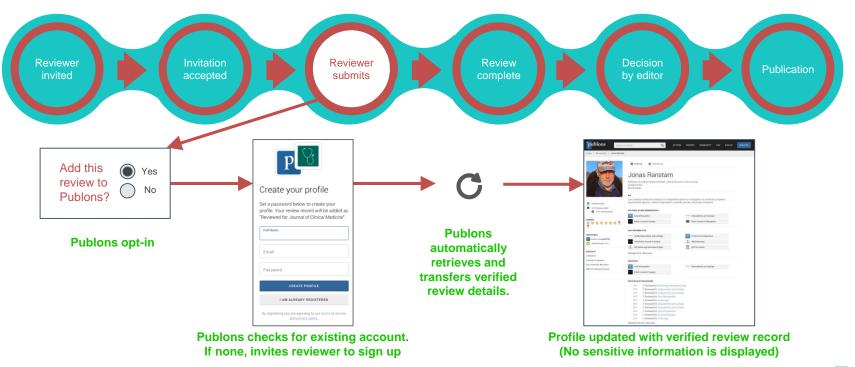
379 results





Keep track of your reviews with a few clicks

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



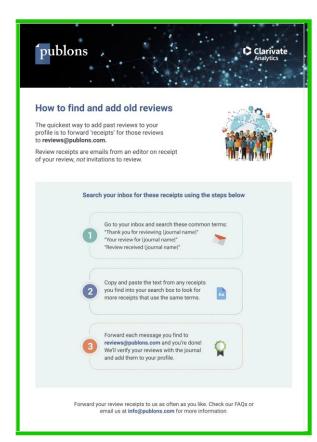




Keep track of your reviews with a few clicks

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.





Publons Academy

Branded to your university

Build administrator-researcher relations with a university-branded version of the course for your researchers. Our university partners receive:

- University co-branded version of the course hosted on Publons
- Marketing support to increase uptake at your university
- Progress statistics, insights, and comparisons on dashboard
- All user support handled by Publons

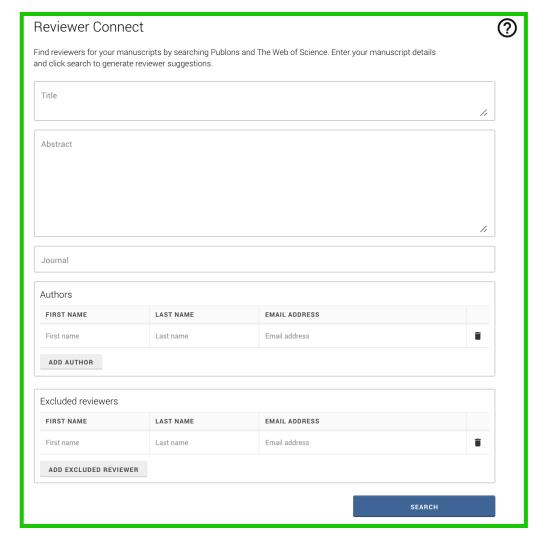






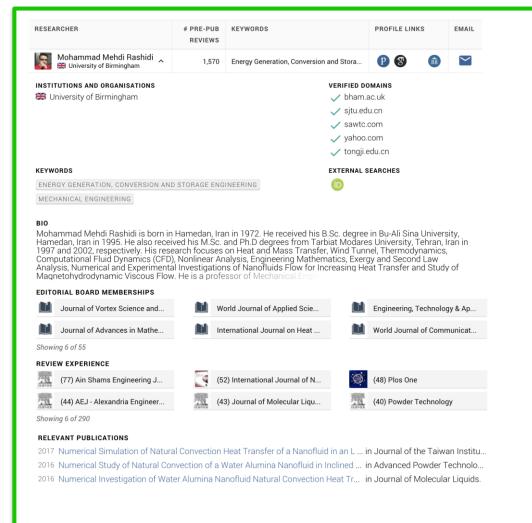
Reviewer Connect (available soon: 26th June)

The best of the Web of Science and Publons in one search tool



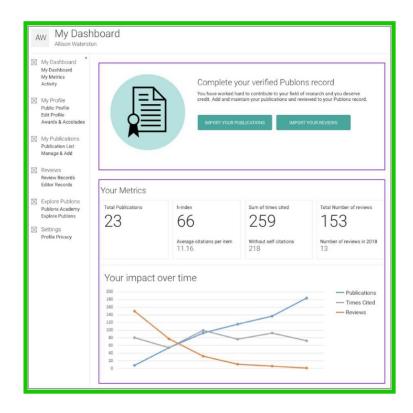
Reviewer Connect (available soon)

The best of the Web of Science and Publons in one search tool



Publons & ResearcherID

Building the 360° researcher profile







Kopernio

Revolutioning the research workflow: 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.

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Kopernio Premium

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Open Access filter

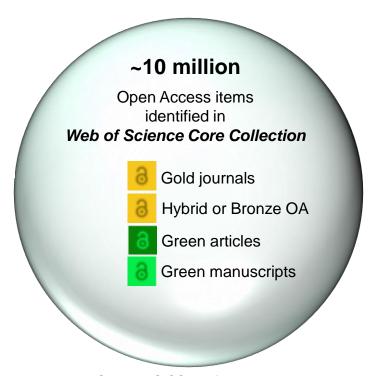
2014 2017 2018





Clarivate partners with ImpactStory to improve OA identification for all.

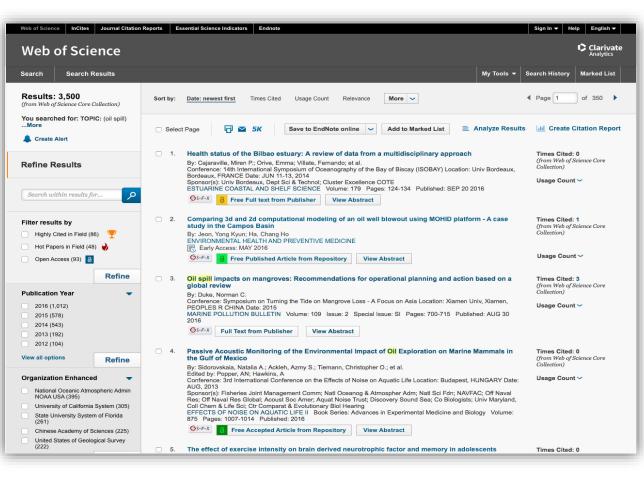
- The Web of Science now offers a more complete picture of trusted OA, including legal, peer-reviewed Green and Hybrid Gold content across all databases.
- You now have direct access to more free full text and can be confident that you are finding the best available, legal OA version.



OA in WoS-CC as of June, 2018, with Unpaywall technology in place



Open Access filter





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





Open Access filter

High priority Lower priority

Gold Green Published Green Accepted Green Submitted



- Only one OA link is provided per article, so researchers retrieve the best version of an article, in most cases directly from the publisher.
- Versions that have not completed peer review (i.e. Green Submitted) or whose copyright is not clear are intentionally omitted.
- Versions from social networks (e.g. ResearchGate) and filesharing services (e.g. Sci-Hub) are excluded.

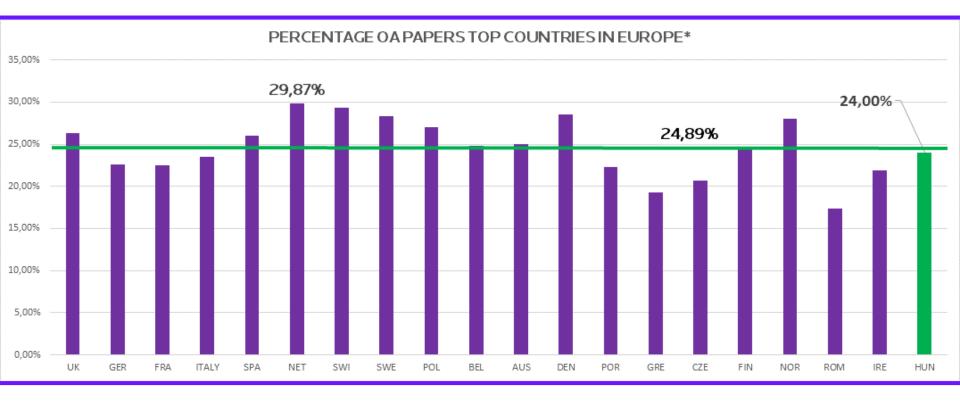
What sources do you look at to identify
Open Access
material?

Is my institutional repository covered?

Find out by viewing the Unpaywall Source List



OA adoption in Europe



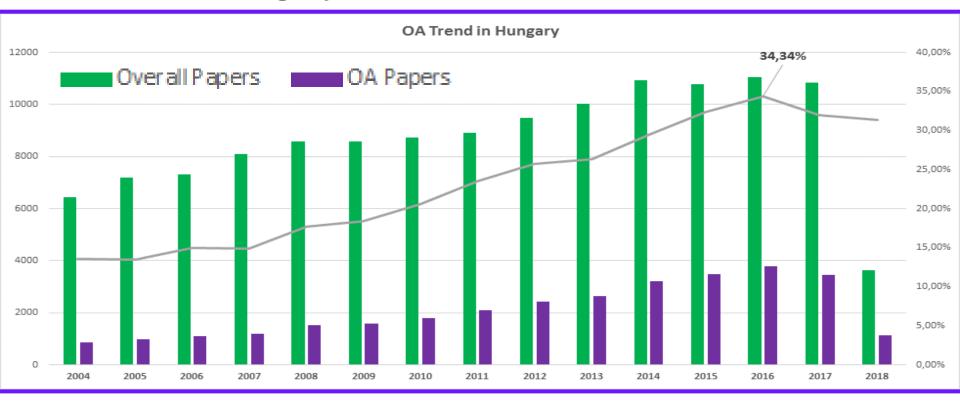
Hungary is slightly below the European average



^{*} Countries with more than 100,000 papers in 2004-2018 (May 2018)

OA trend in Hungary



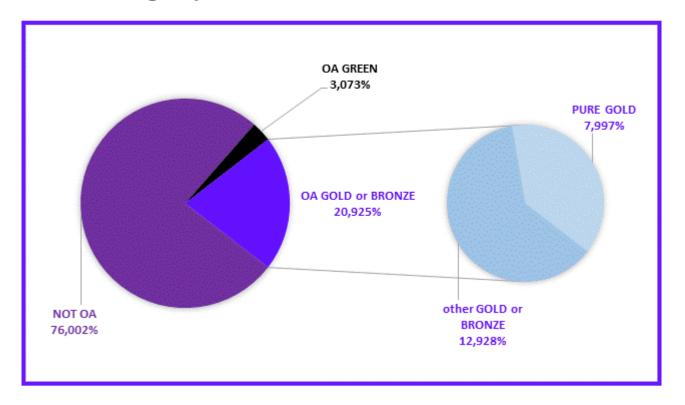


The percentage of OPEN ACCESS publications with respect to the overall Hungarian production is quite stable in the last years and around 30%



OA trend in Hungary

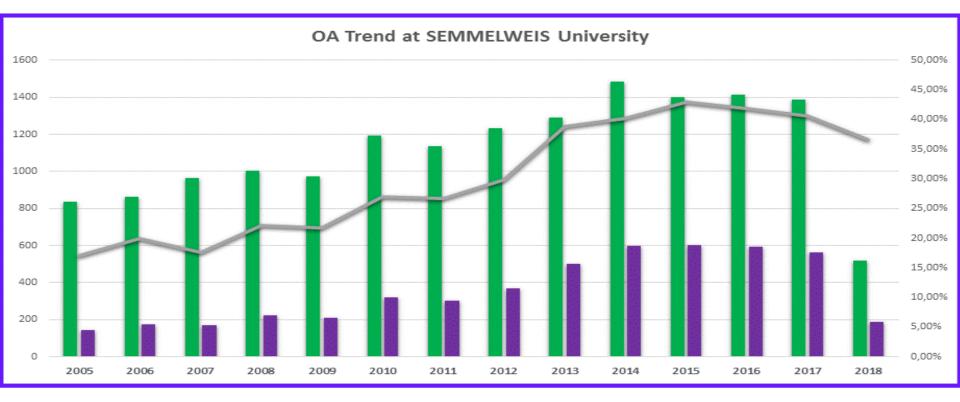






OPEN ACCESS at SEMMELWEIS

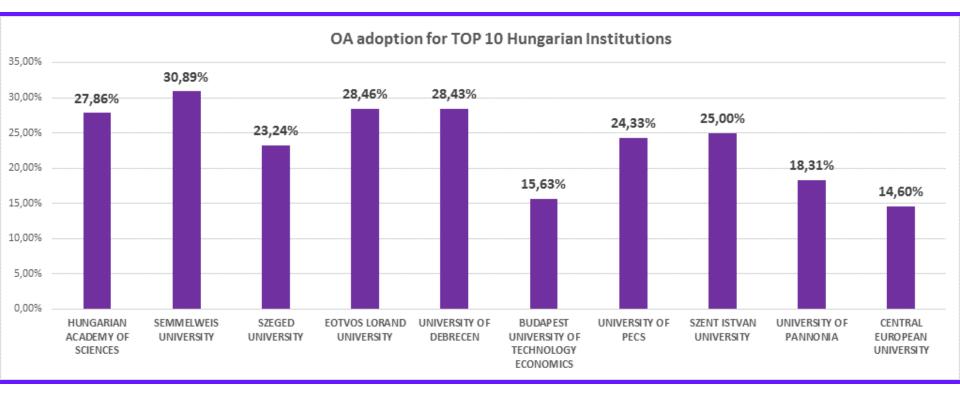






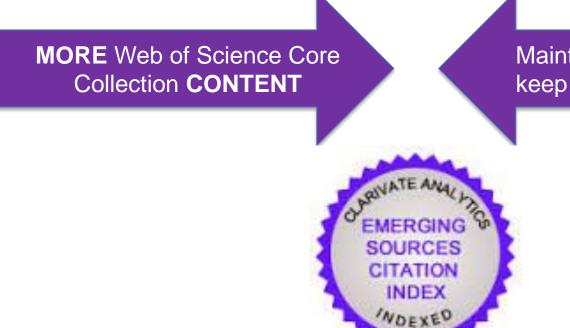
OPEN ACCESS RANKING in Hungary







Why ESCI?



Maintain **SELECTIVITY** and keep distinguishing journals



The new criteria

Publishing Standards

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

Editorial Content

- Has the scholarly community requested this content or demonstrated interest?
- How does this journal compare with covered journals of similar scope?
- Is this subject already well covered?
- Will this journal enrich WoS Core Collection with novel content?

International Focus

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

Citation Analysis

- Total citations
- Integration of the journal into the literature over time
- · Recent citation activity
- Author and editorial board members' citations in the literature
- Citation metrics used account for the editorial context appropriate for the journal

Purple = ESCI selection requirements

Black = additional SCIE/SSCI/AHCI selection requirements



Key Facts

Key features:

- Journals must be peer-reviewed and meet ethical standards, have Engligh metadata and ideally have their content available elettronically
- Cover-to-cover indexing (authors, institutions, etc.)
- True Citation Index, capturing times cited and cited references
- Multidisciplinary (and European)
- Indexing Start: 2015 (now 2005 for many journals, see backfile project)

— No IF

KEY ESCI SELECTION CRITERIA

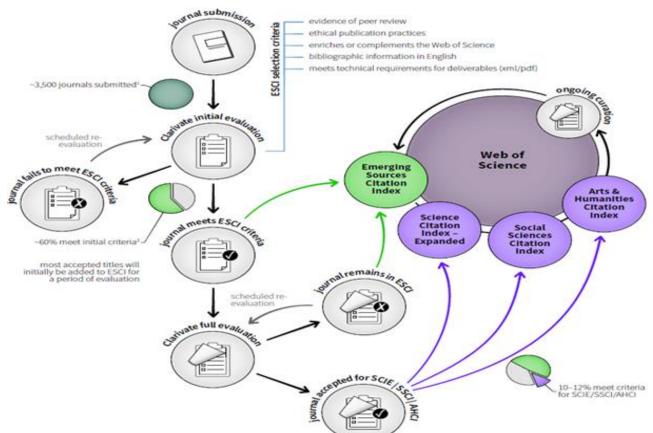
Evidence of peer review

Adherence to ethical publishing practices

Recommended by regional domain experts Preferred
electronic formats
(XML / PDF) for
accuracy

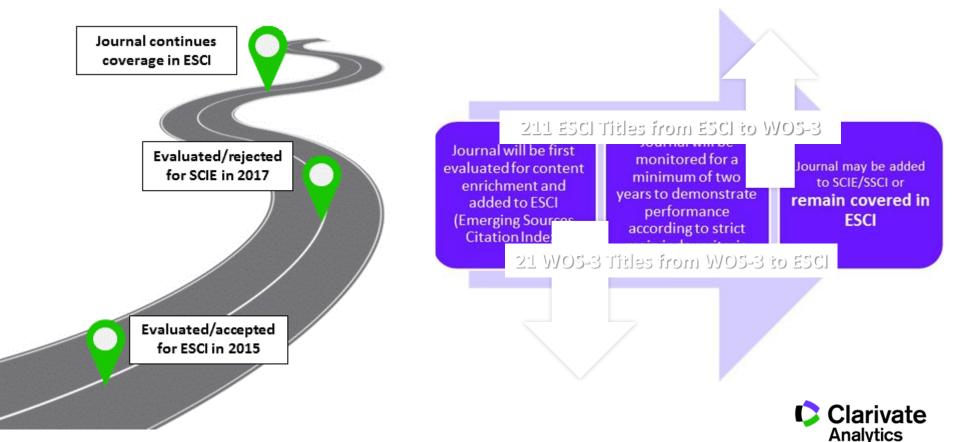


Changing the overall process: the new role of ESCI





Continuous Monitoring: 2017 data

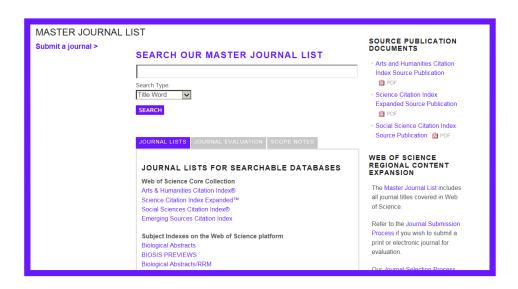


Master Journal List*



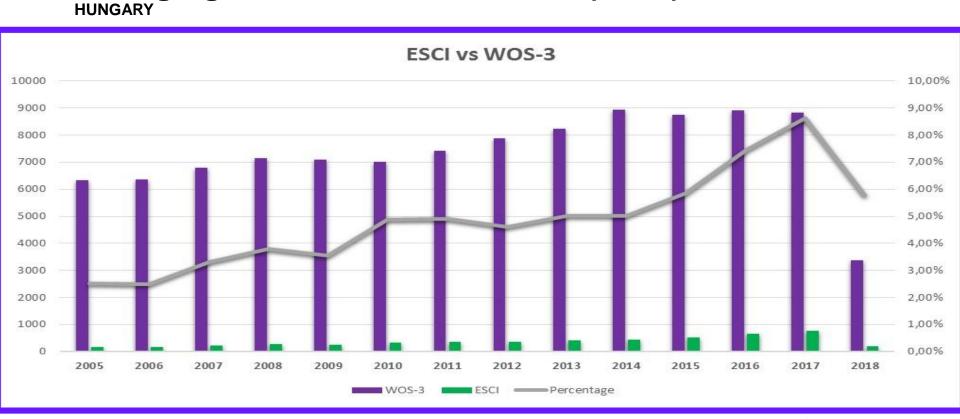
ESCI is included in the Master Journal List.

http://mjl.clarivate.com/cgibin/jrnlst/jloptions.cgi?PC=EX



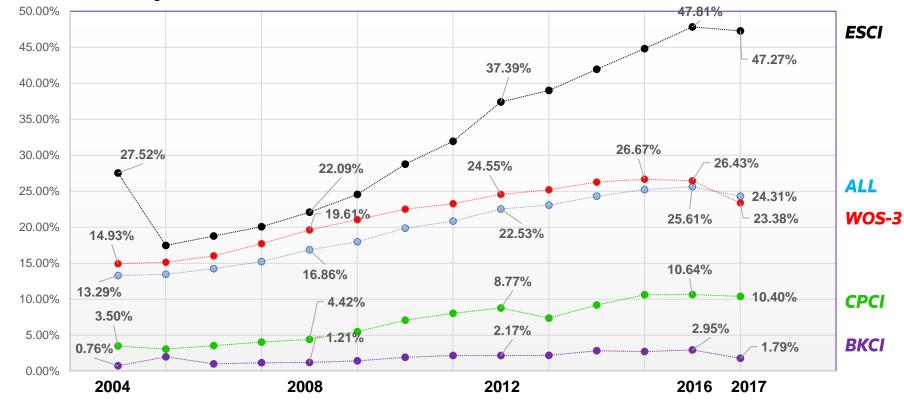








ESCI & Open Access





ESCI is full part of Core Collection

and Core Collection is not only numbers but way of indexing

CoverToCover OpenAccess affiliation funding

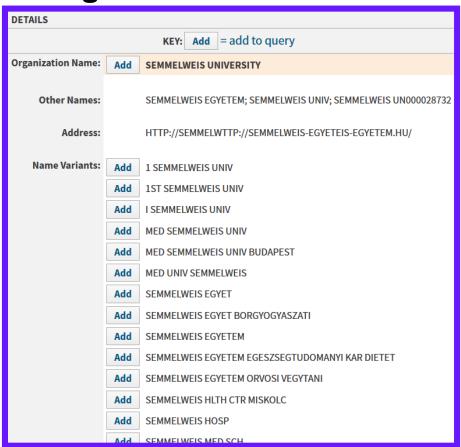
- All documents in any issues of an indexed journals are indexed
- Coverage may start from 1900 and there are no holes (and historical papers may be important)
- There is no further selection on content type
- Documents type are assigned by us (ex. <u>https://www.nature.com/articles/nature25146.pdf</u>)

The first 100 Document Types (by record count) are shown. Analyze Results feature not available for over 50,000,000 records.							
ARTICLE (41,940,919)	CORRECTION (249,215)	THEATER REVIEW (33,376)	SCRIPT (2,775)				
PROCEEDINGS PAPER (7,804,718)	CORRECTION ADDITION (148,328)	DANCE PERFORMANCE REVIEW (23,847)	HARDWARE REVIEW (2,576)				
MEETING ABSTRACT (7,439,224)	BIOGRAPHICAL ITEM (124,376)	MUSIC SCORE REVIEW (18,314)	RETRACTION (2,172)				
BOOK REVIEW (4,293,979)	ART EXHIBIT REVIEW (114,327)	REPRINT (17,147)	DATABASE REVIEW (1,476)				
EDITORIAL MATERIAL (2,910,536)	BOOK (92,027)	SOFTWARE REVIEW (15,687)	CHRONOLOGY (1,210)				
LETTER (2,298,006)	TTEM ABOUT AN INDIVIDUAL (88,619)	ABSTRACT OF PUBLISHED ITEM (13,434)	EARLY ACCESS (1,207)				
REVIEW (1,685,417)	DISCUSSION (80,417)	BIBLIOGRAPHY (12,781)	MUSIC SCORE (1,161)				
NOTE (1,471,695)	RECORD REVIEW (72,931)	TV REVIEW RADIO REVIEW (8,898)	DATA PAPER (771)				
BOOK CHAPTER (1,228,719)	FILM REVIEW (65,558)	EXCERPT (7,426)	MAIN CITE (99)				
NEWS ITEM (523,128)	MUSIC PERFORMANCE REVIEW (65,180)	RETRACTED PUBLICATION (5,303)	MEETING SUMMARY (25)				
POETRY (275,744)	FICTION CREATIVE PROSE (48,179)	TV REVIEW RADIO REVIEW VIDEO (4,760)	PRESS DIGEST (12)				



Org_enh Mapping

 A unique collaborative mapping







Funding Data

Funding

Funding Agency	Grant Number		
Swiss Federal Office of Energy	101969/152433		
U. S. National Science Foundation	CHE-0743000		
U. S. Department of Energy	DE-FG02-97ER14776		
Hungarian Scientific Research Fund	71644		

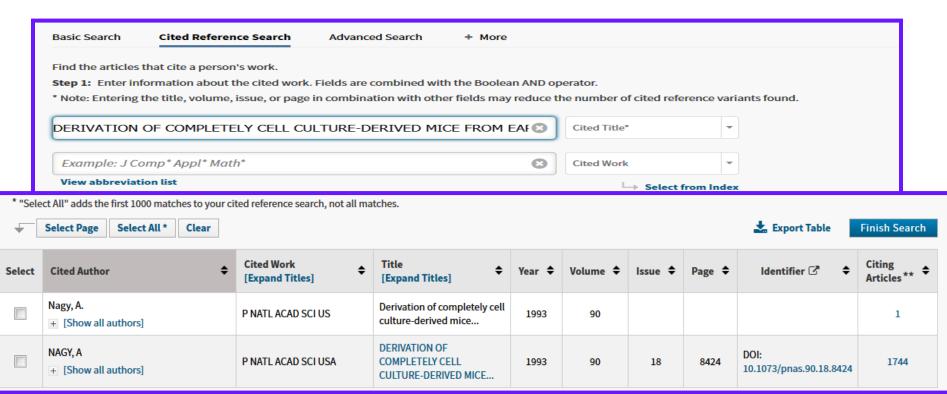
Close funding text

We would like to thank Nicholas S. Shuman and Will Stevens for their assistance in assembling the experiment. The vacuum chambers and the optics were built in the workshop of the Paul Scherrer Institut and we owe special thanks to Steffen May for putting our ideas to paper. Members of the support team at the Swiss Light Source (especially Christian Luscher, Peter Huber, and Gaiffi Nazareno)were always willing to lend us a hand. We thank Roentdek, Ottmar Jagutzki, and Achim Czasch for their help and guidance concerning the triggerless data acquisition scheme for the electron detector. The support of the Swiss Federal Office of Energy (BFE)is gratefully acknowledged (contract number 101969/152433). T. B. thanks the U. S. National Science Foundation (NSF Award Number CHE-0743000) and the U. S. Department of Energy (DOE Grant DE-FG02-97ER14776). B. Sz. also wishes to thank the Hungarian Scientific Research Fund (OTKA Grant No. 71644)for support.

In WoS-CC, 11M records have funding data



Cited Reference Search





WOS-CC Indexing Associated Data



Intergenerational transfers of time and money in European families: common patterns - different regimes?

SAssociated Data

By: Albertini, M (Albertini, Marco); Kohli, M (Kohli, Martin); Vogel, C (Vogel, Claudia)

View ResearcherID and ORCID

JOURNAL OF EUROPEAN SOCIAL POLICY

Volume: 17 Issue: 4 Pages: 319-334

DOI: 10.1177/0958928707081068 **Published:** NOV 2007

Document Type: Article
View Journal Impact

Abstract

The 'generational contract' is the most important and also the most contentious dimension of contemporary welfare systems. Much of the debate on how to reform it is still truncated, however, by focusing on its public dimension only, especially on pensions and health-care provisions. For a full account, the transfer of resources between adult generations in the family needs to be included as well. So far, research on family transfers has almost exclusively been limited to single-country studies. In this article, we present a comparative study of financial transfers and social support in ten Western European countries based on the Survey of Health. Ageing and Retirement in Europe (SHARF) conducted in 2004. Our results confirm, at the European level, the existence of a





Miscellaneous

Associated
Data (Link to
Data Set)

Daily Update & Alerts

Early Access

New Document Types

Author Search

Usage Count

Permanent Marked Lists

Fast and selective Export

JCR & ESI Integration Citation Report and H-Index

New Analyse Results

Open Access Filter



Agenda

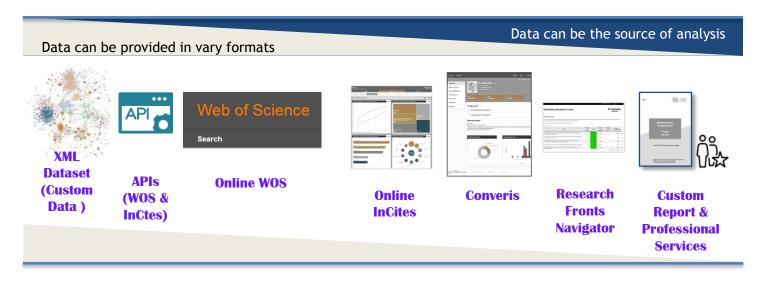


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WoS Core Collection data

Available in different ways for different uses



High-quality metadata • Research Portals • Custom Dashboards • Expert Consulting



InCites

A technological platform based on WOS-CC data

Essential Science Indicators

On May 10th, the *ESI* database has been updated. This update includes data from January 1, 2008 to February 28, 2018

Journal Citation Reports

The new JCR (2018) releasing 2017 Impact Factors will be tentatively live on June, 20th

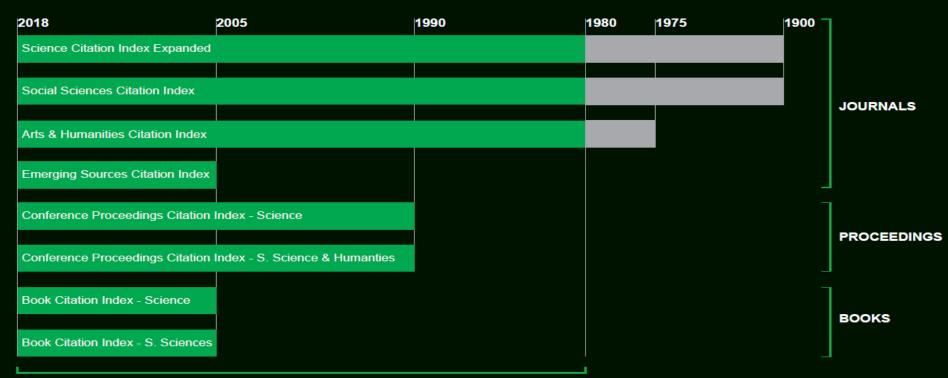
Benchmarking & Analytics

On May 26th, the InCites B&A database has been updated with Web of Science content indexed through March 31, 2018



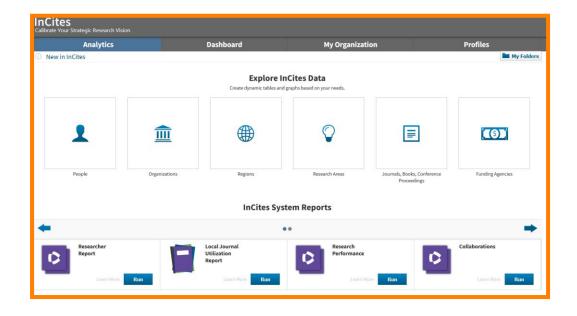


WEB OF SCIENCE CORE COLLECTION



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

at a glance



Web based

Updated every month

38 years of analysis

+20,000 journals, **+190,000** conferences, **+94,000** books

+59 Million publications

Up to 20 custom datasets

+10,000 organizations

+1,000 funders

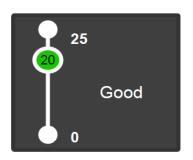
+800 categories

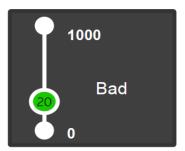
+1M baselines every month



Normalization







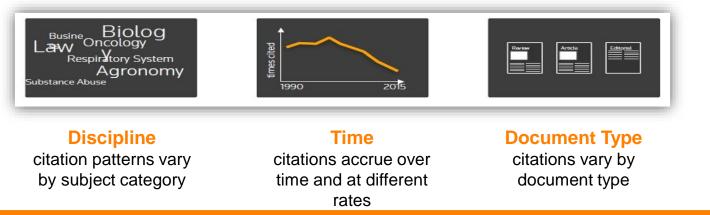
CONTEXT IS EVERYTHING

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?



Normalization



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).

Categorization

Large-Scale Analysis of the Accuracy of the Journal Classification Systems of Web of Science and Scopus

Oi Wand

(Department of Industrial Economics and Management, KTH-Royal Institute of Technology, Lindstedtsvägen 30, 11428 Stockholm, Sweden) qi.wang@indek.kth.se

Ludo Waltma

(Centre for Science and Technology Studies, Leiden University, PO Box 905, 2300 AX, Leiden, Netherlands) waltmanlr@cwts.leidenuniv.nl

Abstract

Journal classification systems play an important role in bibliometric analyses. The two most important bibliographic databases. Web of Science and Scopus each provide a journal classification systems. To examine and compare the accuracy of journal classification systems. To examine and compare the accuracy of journal classification systems. We use Criterion I to select journals that have weak connections with their assigned categories, and we use Criterion II to identify journals that are not assigned to categories with which they have strong connections. If a journal satisfies either of the two criteria, we conclude that its assignment to categories may be questionable. Accordingly, we identify all journals with questionable classifications in Web of Science and Scopus, Furthermore, we perform a more in-depth analysis for the field of Library and Information Science to assess whether our proposed criteria are appropriate and whether they yield meaningful results. It turns out that according to our citation-based criteria Web of Science performs significantly better than Scopus in terms of the accuracy of tis journal classification systems.

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

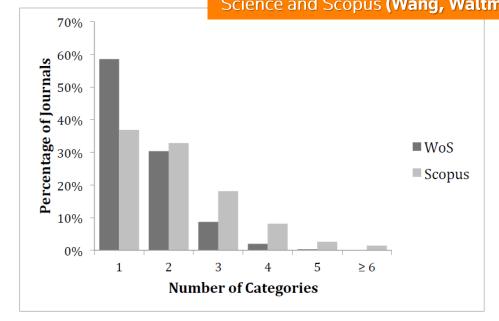


Figure 1. Distribution of journals in WoS and Scopus based on the number of categories to which they are assigned



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

Categorization

Micro-level Individual Scientists or Research Groups

Meso-level Research Institutions, journals

Macro-level Supra-National Regions, Countries, Major Science Fields

http://images.webofknowledge.com/WOKRS5272R3/help/WOS/hp_subject_category_terms_tasca.html
http://ipscience-help.thomsonreuters.com/incitesLiveESI/ESIGroup/overviewESI/scopeCoverageESI/esiScopeNotes.html
http://ipscience-help.thomsonreuters.com/inCites2Live/filterValuesGroup/researchAreaSchema.html



Agenda



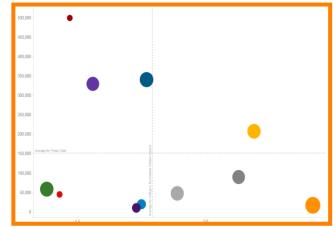
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2017 main developments

New graphs and visualizations





5 YEAR TREND GRAPH

SCATTER PLOT



2017 main developments

New THRESHOLDS





Filters

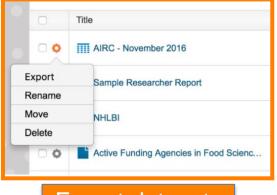
Clear Filters

2017 main developments

Title IIII Web of Science Dataset: 20 IIII Web of Science Dataset: 19 III Web of Science Dataset: 18 III Web of Science Dataset: 17 IIII Web of Science Dataset: 16 IIII Web of Science Dataset: 15 III Web of Science Dataset: 14 m Web of Science Dataset: 13

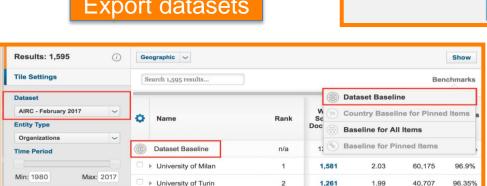
20 datasets

Web of Science Dataset: 12

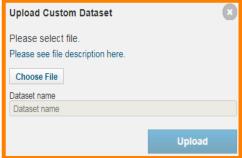


Export datasets

▶ Fondazione IRCCS Istituto



Custom Datasets



38.465 97.22%

Import datasets

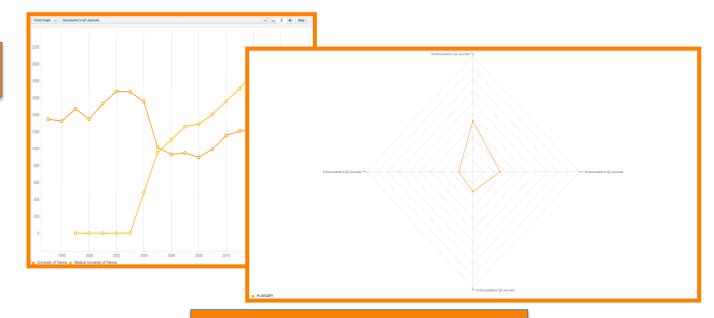


Dataset baseline

1.333

2017 main developments

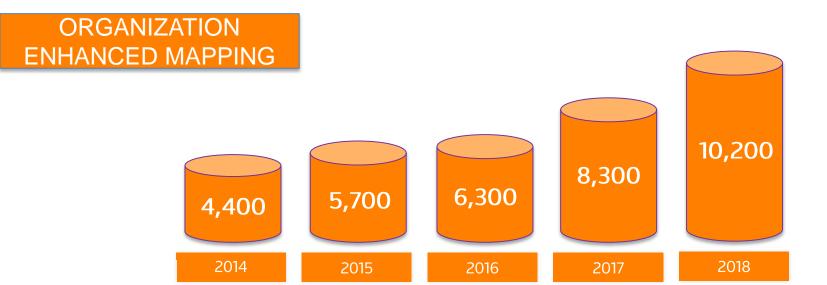
JCR METRICS



% documents in Qx Journals



2017 main developments





ESCI addition

InCites Benchmark & Analytics

What's new

Dataset	Name		Rank	Web of Science Documents	Category Normalized Cita	ntion Impact ▼ Times Cited	% Docs Cited
with ESCI	Hungaria	n Academy of Sciences	1	71,154	1.01	1,213,271	79.13%
Entity Type	Eotvos Lo	orand University	2	23,260	1.07	401,438	76.28%
Organizations	Semmely	veis University	3	26,069	0.9	368,040	65.5%
Time Period	Szeged U	niversity	4	24,670	0.88	321,776	71.7%
Min: 1980 Max: 2018	Universit	y of Debrecen	5	22,002	0.9	292,910	70.16%
Dataset	A Name		Beel	Web of Crimes December 11	Catagory Normalis ed City	vice leaves William Cond	0/ Dans City d
Dataset InCites Dataset	Name		Rank	Web of Science Documents	Category Normalized Cita	tion Impact ▼ Times Cited	% Docs Cited
		n Academy of Sciences	Rank 1		•		
InCites Dataset ~	Hungaria	n Academy of Sciences rand University	Rank 1 2	①	0	· ①	1
InCites Dataset with ESCI Entity Type Organizations	Hungaria Eotvos Lo		1	① 71,911	1.01	1,232,946	79.01%
InCites Dataset with ESCI Entity Type	Hungaria Eotvos Lo	rand University	1 2	71,911 23,757	1.01 1.07	1,232,946 408,458	79.01% 75.94%



What's new

1 year Citing all Prior Years Cumulative:

Provides Institutions the performance (in particular year) of all their publications written so far. E.g. How many times my entire publications were cited by documents published in a specific year





InCites Benchmark & AnalyticsRoadmap

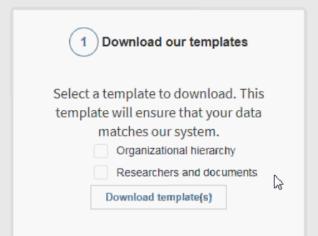
2.49 Myorganization launch

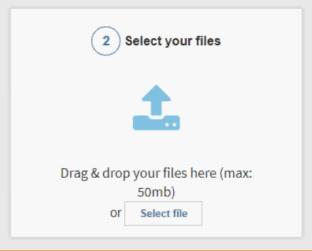
Beta Release

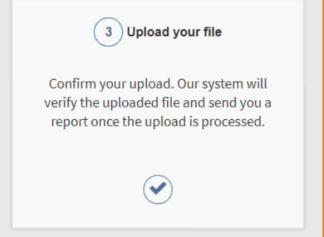
My Organization > Upload files

Upload files

Use our file upload form to add or replace your organization's hierarchy, researchers and their documents.





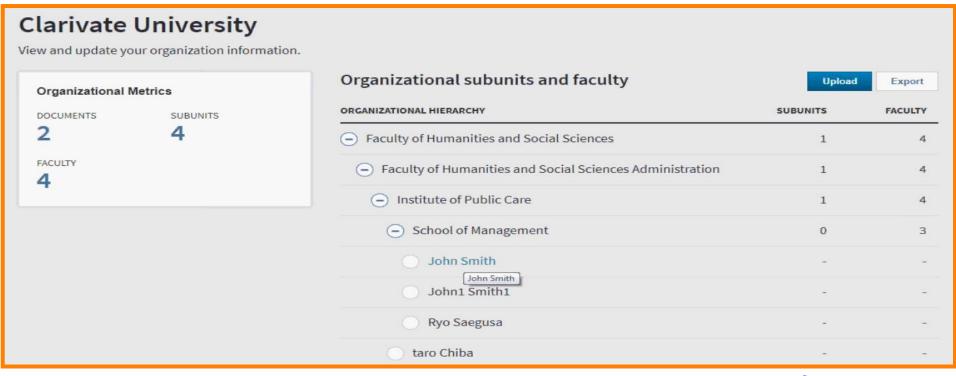




InCites Benchmark & AnalyticsRoadmap

2.49

Myorganization launch



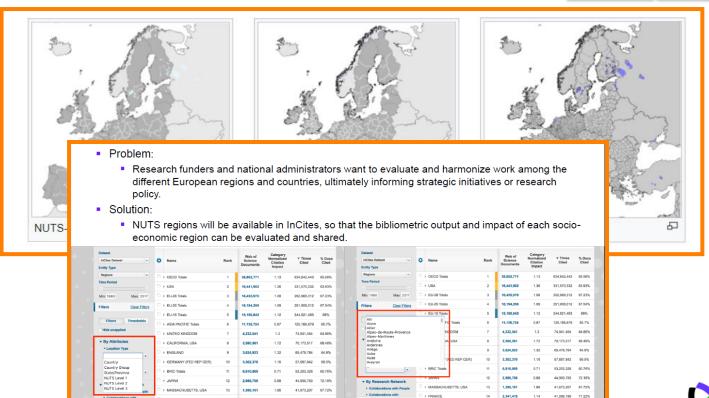


► NEW YORK, USA

Roadmap

2.50

NUTS classification



40.698.245 64.52%

NEW YORK, USA

1,789,103



Roadmap

2.52

JCR Reload and JIF for AHCI

2.53

Customized groups and MyO integrations

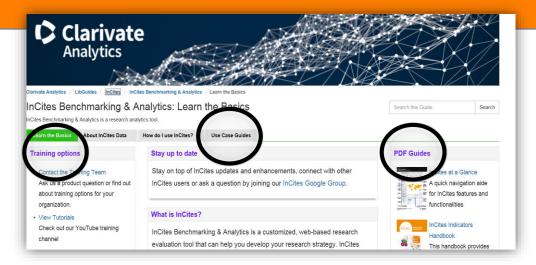
2.54

Publons Reviewers metrics and Early Access



Continuous Support

Training, Seminars and Workshops organisation
Technical documentation and User guides
Libguide website





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



INCITES BENCHMARKING & ANALYTICS

"Evaluate, get efficiency and increase your visibility. All in one"



Agenda



- 1. Clarivate Analytics: news
- 2. Publons & Kopernio plug-in
- 3. Web of Science enhancements: Unpaywall integration, ESCI and other
- 4. InCites introduction
- 5. InCites recent updates and future roadmap
- 6. InCites live



Demo Chapters

- Modules
- System Reports
- Graphs
- Filters: research areas and collaboration
- Indicators
- Comparing entities and aggregation of entities (creating baselines)
- Journal metrics and quartile indicators. Thresholds
- Working with Custom Datasets
- Article level metrics (creating and exporting)
- Funding Module and Departments



Certification Process



