

# Elemente esențiale InCites B&A

Martie 2024



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## **Elemente esențiale InCites B&A (1)**

Scurtă introducere în InCites Benchmarking & Analytics: sursa de date, indicatori, normalizare

Noțiuni de bază privind utilizarea InCites Benchmarking & Analytics

- Analiză: cercetători, organizații, locații, domenii de cercetare, surse de publicare, agenții de finanțare
- Rapoarte: pentru organizație și cercetător
- Organizare: salvarea propriilor rapoarte și analize; crearea și exportul seturilor de date din Web of Science Core Collection; schimbul de date

## **Elemente esențiale InCites B&A (2) - 3 aprilie ora 12:00**

Analiza avansată pe platformele Web of Science și InCites privind:

- Identificarea domeniilor performante și compararea regională și internațională
- Identificarea cercetătorilor și instituțiilor cu performanțe ridicate
- Identificarea colaborărilor naționale și internaționale
- Resurse de finanțare
- Gestionarea colecțiilor de reviste

**Web of Science** <https://www.webofscience.com/>  
**Journal Citation Reports** <https://jcr.clarivate.com/>  
**InCites** <https://incites.clarivate.com/>

- [Master Journal List](#)
- [New releases Web of Science](#)
- [Editorial Selection Process](#)
- [Web of Science Blog](#)
- [Events & Webinars](#)
- [LibGuides](#)
- [ProQuest LibGuides](#)
- [My Research Assistant](#)
- [Web of Science Academy](#)

**Portal de formare**  
<https://clarivate.com/webofsciencegroup/support/>

## Adriana Filip

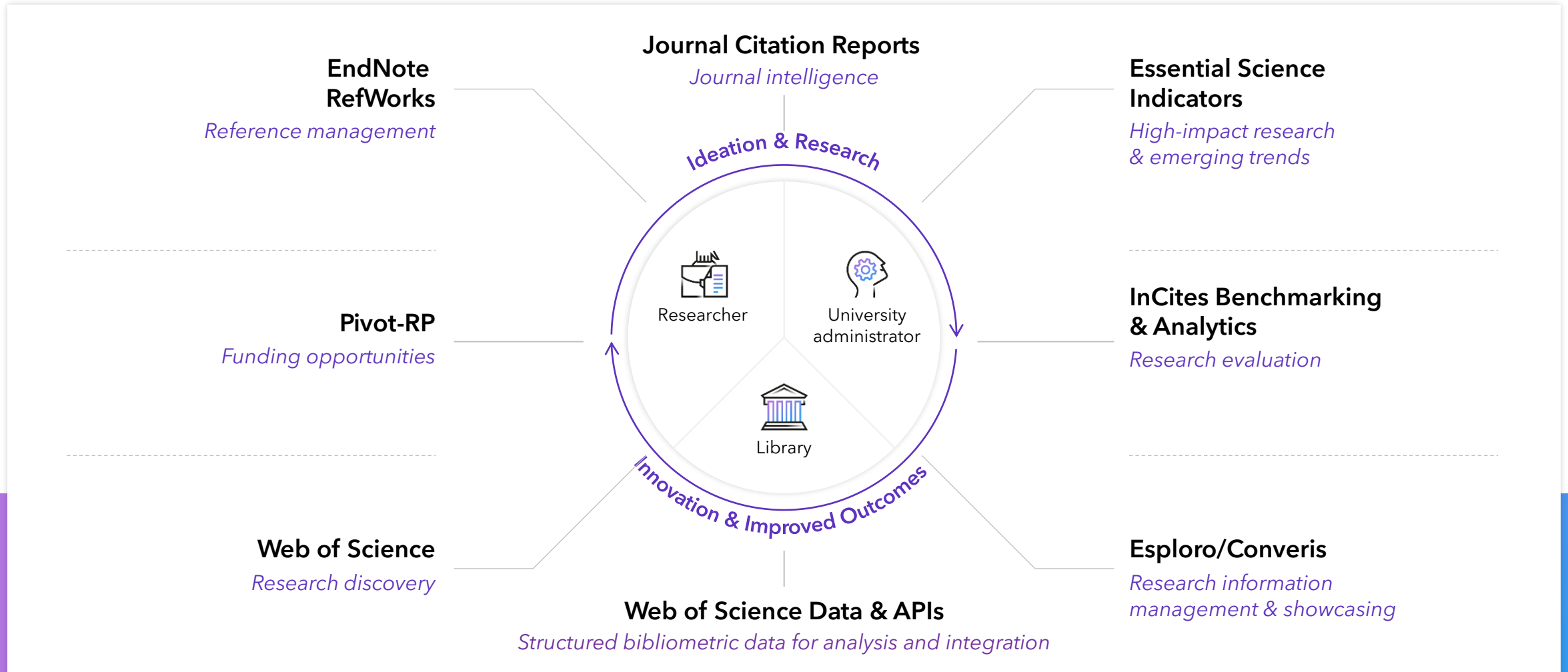
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# Clarivate

Conectarea datelor, a experiențelor și a expertizei, pentru ca instituțiile să poată prospera în contextul actual al cercetării



Web of Science Editorial | Institute for Scientific Information (ISI) | RP-News | Consulting

# Evaluarea responsabilă a cercetării

Utilizați cu încredere datele din publicații pentru propriile evaluări



## Our Recommendations

### Help Notes on Publication and Citation Analysis using First (or Primary) Author Only, with Bibliography

First-author counting is a form of *straight counting* that is frequently requested by customers and made available for informed comparisons, but it does not represent analytical best practice. Bibliometric analysis generally agrees that publication and citation analysis should not be restricted to a single author (and their institutional and national affiliations). "We are convinced... that there is neither strong empirical evidence nor theoretical rationale to support using straight counts." (Rousseau et al., 2018)

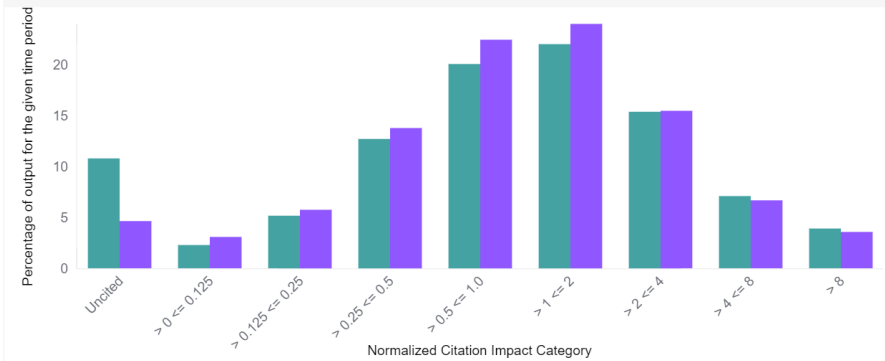
First-author counting should be seen as a sampling procedure but, because it is non-random sampling, it introduces bias (Lindsay, 1980). The erroneous supporting assumption is that the first-listed author has the greatest share of responsibility for the publication, but this is not always the case: economists, high-energy physics, and mathematics conventionally list authors alphabetically; in biomedicine, there is an increasing trend to publications with more than one primary author (Lapdev & Scudder, 2019), and the procedure is particularly harmful to secondary authors of highly cited papers.

There is no universally accepted solution for allocating credit for research publications in bibliometric analysis and whole counting remains the dominant methodology. Without specific descriptions of the role of each author, such as presented in the *Contributions Roles Taxonomy* (CReATe) taxonomy, the choice between whole counting and fractional counting is similar as that both make assumptions in the absence of evidence. There are many variations on fractional counting including arithmetic, harmonic, and geometric distribution of fractional shares, mainly dependent on author ordering. Reasons for choosing one or the other depend on the study and the experience of an analyst.

### References

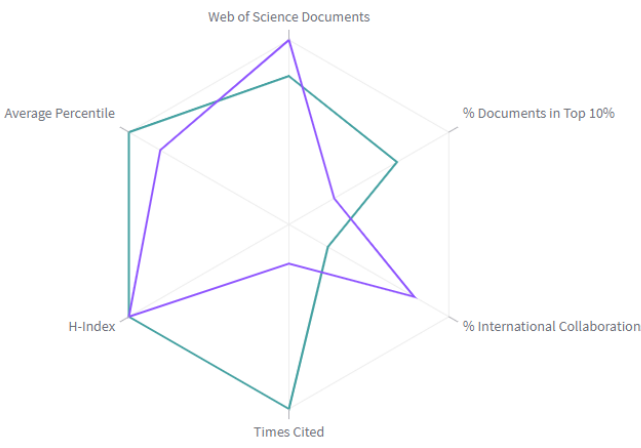
- Gaufrin, M. (2017). A categorization of arguments for counting methods for publication and citation indicators, *Journal of Informetrics*, 11(3): 672-684.
- Lapdev, A. and Scudder, P. (2019). Shared first authorship, *Journal of the Medical Library Association*, 107(4): 618-620.
- Lindsay, D. (1980). Production and citation measures in the sociology of science: The problem of multiple authorship, *Social Studies of Science*, 10(2): 145-162.
- Rousseau, R., L. Egghe, and R. Guns. (2018). *Becoming Metric-Wise: A Bibliometric Guide for Researchers*, Chandon, (see p. 120).
- Todeschini, R. and Baccini, A. (2016). *Handbook of Bibliometric Indicators: Quantitative Tools for Studying and Evaluating Research*, Weinheim, Germany: Wiley-VCH, (see pages 54-74 on "coauthorship-weighted indices").
- Waltman, L. and van Eck, N.J. (2015). Field-normalized citation impact indicators and the choice of an appropriate counting method, *Journal of Informetrics*, 9(4): 872-894.

## Impact Profiles



## Two authors, same h-index (h=26)

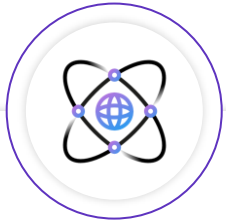
| 2011-2020 | articles, reviews, proceedings



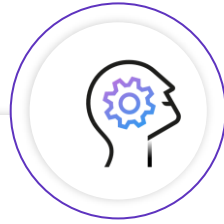
Comparații fiabile  
cu un instrument  
de implementare a  
celor mai bune  
practici de  
evaluare a  
cercetării

# Integritatea cercetării prin date fiabile

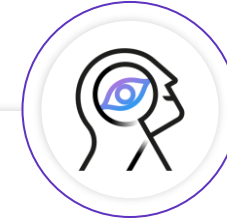
Standardele riguroase ale Web of Science Core Collection susțin integritatea cercetării



**Selecție neutră  
față de editori**



**Clasificări  
precise ale  
subiectelor**



**Indicatori  
citationali care  
iau în  
considerare  
categoria,  
perioada și tipul  
de document**



**Aplicarea  
propriilor criterii  
de excelență  
folosind diferiți  
indicatori**

# InCites Benchmarking & Analytics



## Date fiabile

Îmbunătățiți misiunea instituției dvs. bazându-vă pe datele exacte, obiective și complete ale Web of Science Core Collection.



## Analize strategice

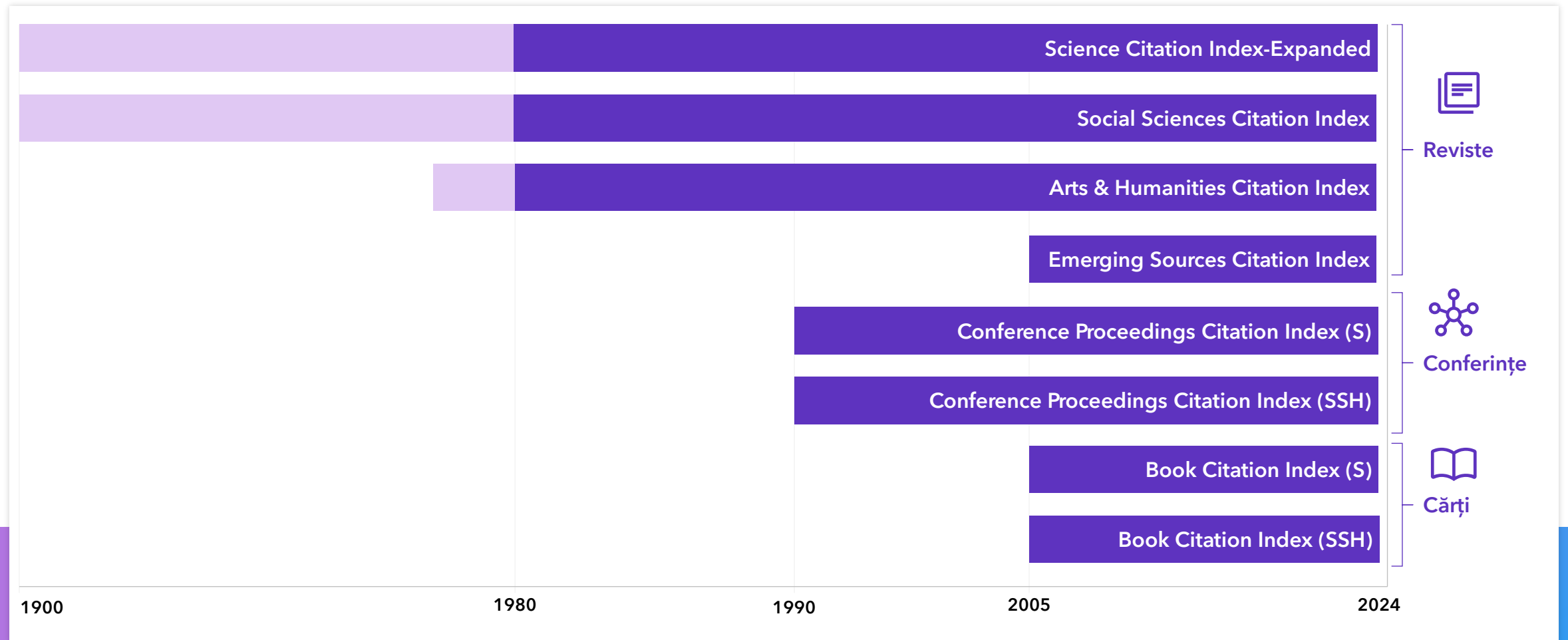
Fiți un lider în evaluarea responsabilă a cercetării, utilizând indicatorii inovatori elaborați de Institute for Scientific Information.



## Rapoarte flexibile

Cu diferite opțiuni de raportare, părțile interesate ale instituției dvs. pot lua decizii adecvate.

# Web of Science Core Collection este sursa de date pentru InCites





# Indicatori disponibili în InCites

|  |   |                                      |
|--|---|--------------------------------------|
| <b>Indicatori de impact</b>                      | % Documents in Top 1% Documents in Top 1%   |                                      |
|  | % Documents in Top 10% Documents in Top 10% |                                      |
|  | % Documents Cited Documents Cited           |                                      |
|  | Citation Impact                             |                                      |
|  | 1 Year Citing All Prior Years Cumulative    |                                      |
|  | H-Index                                     |                                      |
|  | <b>Indicatori de performanță</b>            | Web of Science Documents Times Cited |
|  |   | Category Normalized Citation Impact  |
| <b>Indicatori normalizați</b>                    | Journal Normalized Citation Impact          |                                      |
|  | Impact Relative to World                    |                                      |
|  | Average Percentile                          |                                      |
|  | <b>Colaborare</b>                           | Domestic Collaborations              |
| % Domestic Collaborations                        |   |                                      |
| Organization only Collaborations                 |   |                                      |
| % Organization only Collaborations               |   |                                      |
| International Collaborations                     |   |                                      |
| % International Collaborations                   |   |                                      |
| % Industry Collaborations Industry Collaboration |   |                                      |

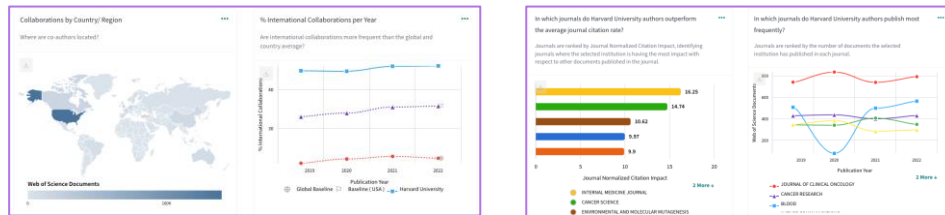
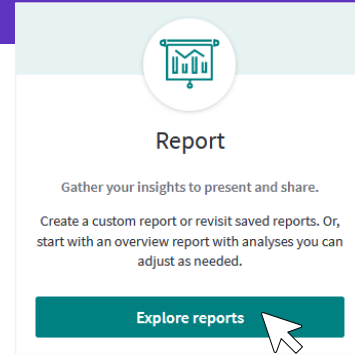
|                                  |                                    |
|----------------------------------|------------------------------------|
| <b>Open Access</b>               | All Open Access Documents          |
|                                  | Gold Documents                     |
|                                  | Gold Hybrid Documents              |
|                                  | Green Accepted Documents           |
|                                  | Green Published Documents          |
|                                  | Green Submitted Documents          |
|                                  | Free to Read Documents             |
|                                  | Green only Documents               |
|                                  | Non-OA Documents                   |
|                                  | % All Open Access Documents        |
|                                  | % Gold Documents                   |
|                                  | % Gold Hybrid Documents            |
|                                  | % Green Accepted Documents         |
|                                  | % Green Published Documents        |
|                                  | % Green Submitted Documents        |
|                                  | % Green only Documents             |
| % Non-OA Documents               |                                    |
| % Free to Read Documents         |                                    |
| <b>Poziția autorilor</b>         | % First Author (2008-2020)         |
|                                  | % Last Author (2008-2020)          |
|                                  | % Corresponding Author (2008-2020) |
|                                  | First Author (2008-2020)           |
|                                  | Last Author (2008-2020)            |
| Corresponding Author (2008-2020) |                                    |

|  |                                  |
|--|----------------------------------|
| <b>Indicatori Journal Citation Reports</b>     | Documents in JIF Journals        |
|  | Documents in Q1 Journals         |
|  | Documents in Q2 Journals         |
|  | Documents in Q3 Journals         |
|  | Documents in Q4 Journals         |
|  | % Documents in Q1 Journals       |
|  | % Documents in Q2 Journals       |
|  | % Documents in Q3 Journals       |
|  | % Documents in Q4 Journals       |
|  | JIF Quartile                     |
|  | Cited Half Life                  |
|  | Article Influence                |
|  | Immediacy Index                  |
|  | Eigenfactor                      |
|  | 5 Year Impact Factor             |
|  | Impact Factor without Self Cites |
| Journal Impact Factor (JIF)                    |                                  |
| Journal Citation Indicator (JCI)               |                                  |
| Average JIF Percentile                         |                                  |
| JIF Rank                                       |                                  |
| JCI Rank                                       |                                  |
| JCI Quartile                                   |                                  |
| JCI Percentile                                 |                                  |
| <b>Indicatori Essential Science Indicators</b> | % Hot Papers                     |
|  | Hot Papers                       |
|  | % Highly Cited Papers            |
|  | Highly Cited Papers              |
| ESI Most Cited                                 |                                  |

# Două modalități de analiză

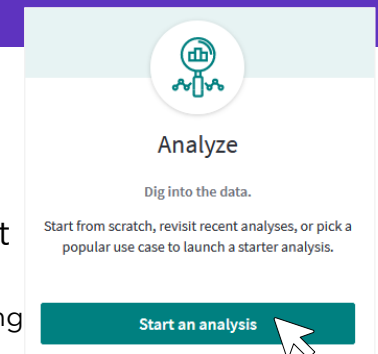
## Analiza datelor pentru începători

- 1 Utilizarea** unui raport predefinit
- 2 Alegerea** unui tip de raport  
Organization | Researcher | Department |  
Publisher | Alma
- 3 Selectarea** organizației și a perioadei  
Sau alte criterii de filtrare în funcție de raportul selectat
- 4 Examinarea** analizelor  
Modificarea setărilor și a filtrelor în secțiunea View Data pentru personalizare
- 5 Transmiterea** raportului



## Analiza datelor pentru experți

- 1 Crearea** propriei analize  
Importarea seturilor de date din Web of Science
- 2 Alegerea** unei entități de analizat  
Researchers | Organizations | Locations  
Research Areas | Publication Sources | Funding Agencies
- 3 Identificarea întrebărilor pentru a obține răspunsuri**  
Question 1   Question 2   Question 3   Question 4
- 4 Alegerea** filtrelor și a indicatorilor. Analiza în funcție de :  
Document Type | Publisher | Research Area | Funding Agency | Open Access
- 5 Salvarea** rapoartelor
- 6 Exportul** datelor pentru analize și partajare ulterioare



# Întrebări la care se poate răspunde cu InCites Benchmarking & Analytics



- Care sunt organizațiile academice, guvernamentale și corporative care produc cele mai importante cercetări de impact?
  - Unde se află centrele de excelență într-o anumită regiune? Care este poziția instituției mele?
- 



- Cine sunt experții într-o anumită regiune sau disciplină?
  - Care sunt liderii care au produs cele mai importante lucrări?
- 



- Care este peisajul finanțării cercetării în domeniul meu de activitate?
  - Ce instituții și autori beneficiază de ce agenții sau granturi?
- 

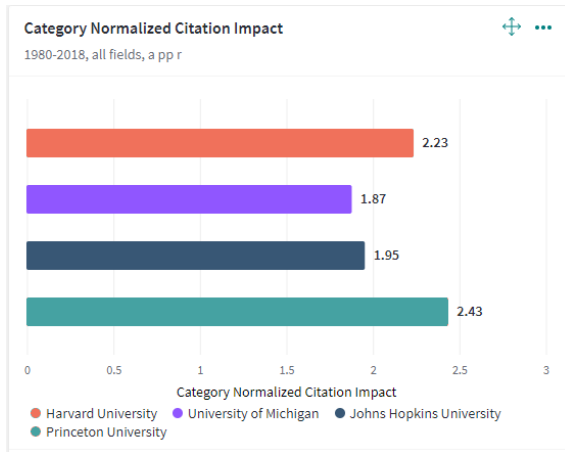


- Cu ce instituții lucrează deja organizația mea?
- Ce colaborări au cel mai mare impact?
- Ce colaborări internaționale au cel mai mare impact?

# Benchmark against peers

See where you stand and monitor progress towards goals

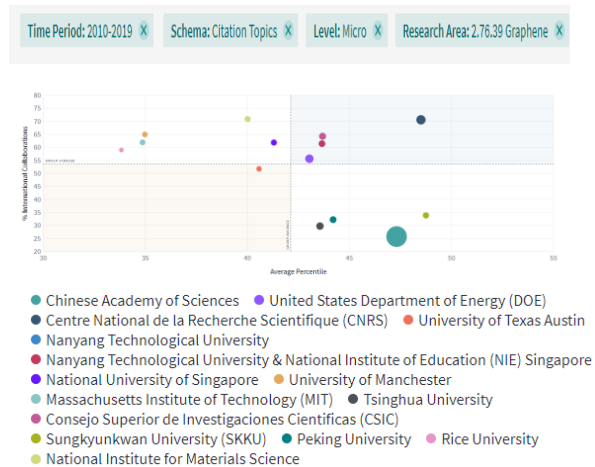
## Normalized indicators



### Monitor your institution's position

- Benchmark against peers
- Control for faculty size and subject-area

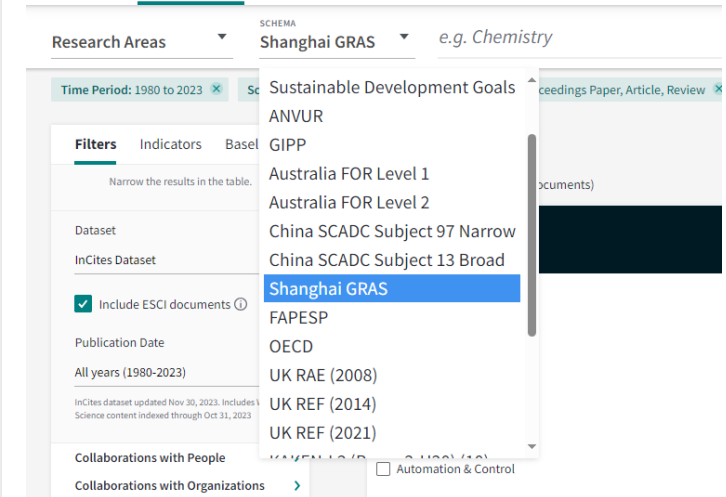
## Citation Topics



### Identify your topic strengths

- Benchmark within research areas
- Measure against peers that focus on the same problems, not just those who publish in the same journals

## Multiple schema



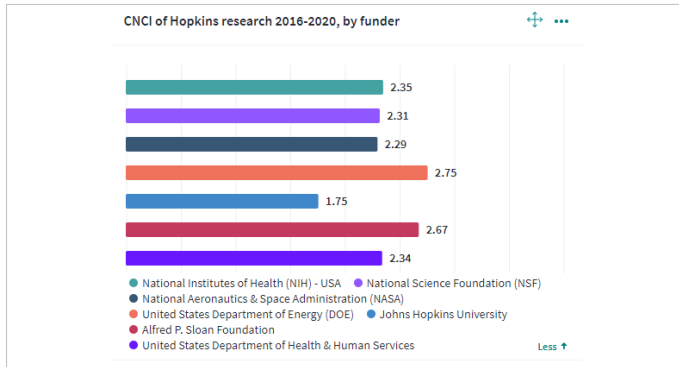
### Track your position using your required schema

- Assess your research using the same lens as your evaluators
- Over 13 localized regional assessment classifications used in national research assessments

# Demonstrate your impact

Identify impactful outcomes to secure new revenue streams

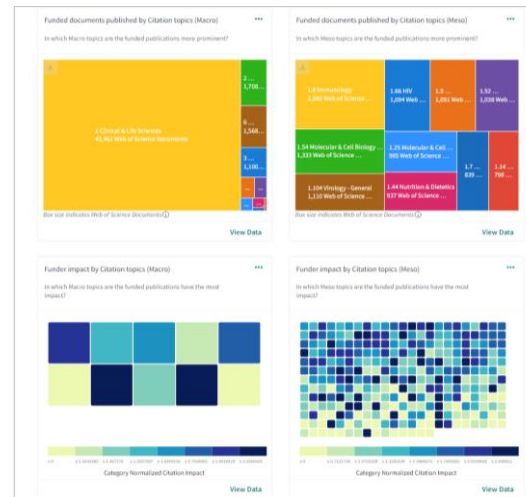
## Analyze Funding



### Measure impact by funder

- Data from 3X the funding sources from 9 additional countries
- 22M+ documents with funding data

## Funder Report

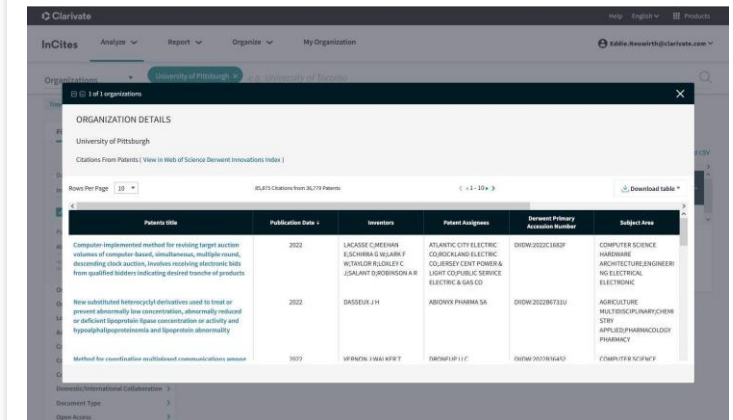


### See a performance profile by funder

- Quickly see a full profile for a funder
- Understand the citation impact each funder supports

**COMING SOON**

## Citations from patents



### Demonstrate the commercial impact of your research

- Identify which papers have been cited by patents
- 1.5M documents with patent data

# Assess collaborations

Understand the outcomes of current collaborations and identify targets for strategic partnership

## Analyze Researchers

| Person Name                                    | Affiliation                                    | Web of Science Documents | Times Cited | Average Percentile |
|--|--|--------------------------|-------------|--------------------|
| <input type="checkbox"/> Santosh, M.           | Yonsei University                              | 413                      | 7,348       | 60.88              |
| <input type="checkbox"/> Xiao, Wenjiao         | Xinjiang Institute of Ecology & Geography, CAS | 167                      |             |                    |
| <input type="checkbox"/> Gerdes, Axel          | Goethe University Frankfurt                    | 123                      |             |                    |
| <input type="checkbox"/> Evans, Noreen J.      | Curtin University                              | 109                      |             |                    |
| <input type="checkbox"/> Li, Sanzhong          | Ocean University of China                      | 107                      | 1,749       | 51.95              |
| <input type="checkbox"/> Whitehouse, Martin J. | Swedish Museum of Natural History              | 106                      | 1,401       | 61.79              |
| <input type="checkbox"/> Cawood, Peter A.      | Monash University                              | 105                      | 3,159       | 76.81              |

- % First Author (2008-2021)
- % Last Author (2008-2021)
- % Corresponding Author (2008-2021)
- First Author (2008-2021)
- Last Author (2008-2021)
- Corresponding Author (2008-2021)

### Quickly identify high performing researchers

- Using objective indicators
- Select principal investigator to target funding received

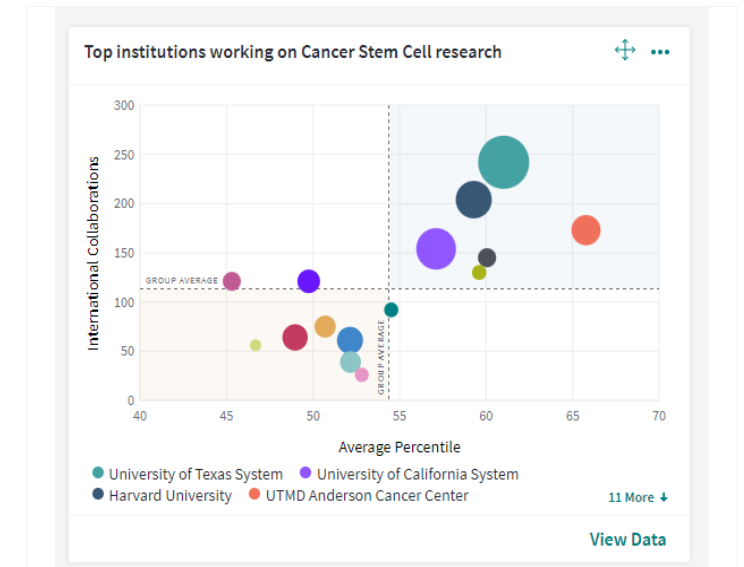
## Analyze Organizations



### Assess your collaborations

- Across academic, government, and industry groups
- Drill down to see key researchers and papers

## Analyze Research Areas



### Find the right strategic partners

- According to research area, region, and performance
- Find those not yet collaborating with you

# Assess your institution's departments with objective InCites metrics

## InCites Department Analysis\*



Benchmark your department performance to other institutions using unified data from the Web of Science.

Department data is based on affiliations noted in publications.

**COMING SOON**

## My Organization



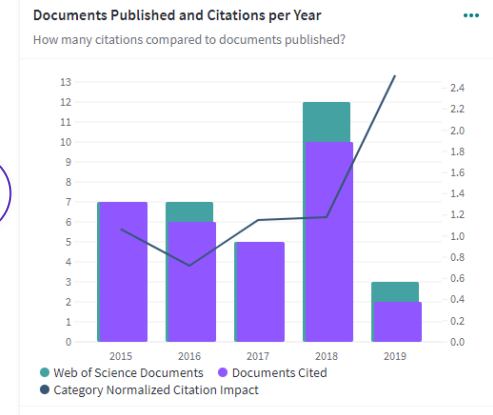
Upload lists of your organizational structure and publications to InCites to assess within your own institution.

If you don't have publications data, our Consultancy team can help.

Your Pivot-RP profiles can populate the My Org structure via our Author Match Services, with little effort.



### Productivity



Create quick and easy reports on your people and departments using InCites indicators.

Control how often the data set refreshes so that it aligns with your needs.



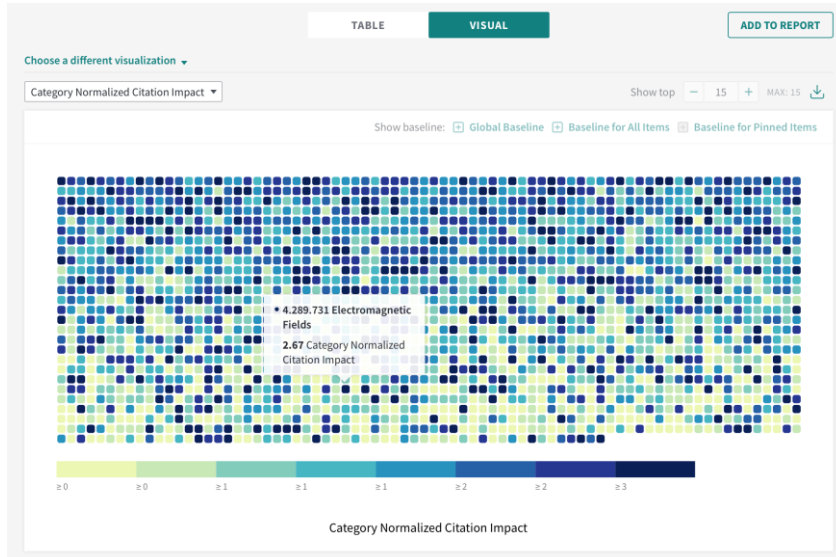
## My Organization

- Easily report on granular research units at your institution
- View metrics for your researchers grouped by your faculties and research centers
- Save time reporting on individual researchers

# Target strategic research areas

Build on research areas getting the most traction around the globe

## Citation Topics



### Identify your strengths within the research landscape

- Quickly understand which specific lines of inquiry are driving the strengths within your organization's research portfolio

## Sustainable Development Goals



### Align research to SDGs

- Conduct analyses against Sustainable Development Goals
- 55% of Web of Science papers are tagged to SDGs, more than any competitor



# Align library intelligence to researcher needs

Make better informed collections management decisions using data



## Journal Utilization Report

- Compare authors' citation patterns and publishing patterns
- Map to research areas
- Monitor open access
- Inform transformative publishing agreements

## Alma Collection Report for Alma customers

- See collection needs and usage in alignment with your Alma holdings

# 2024 Roadmap

| Focus areas  | H1 2024  | H2 2024   |
|--|--|---|
| <p><b>Research Effectiveness</b></p> <p>Personalized user experience, new content types, workflows to reduce friction</p> <p>»</p> | <p><b>Peer Review Indicators</b><br/>Provide a more complete picture of researchers' contributions to advancing research by including peer review activities.</p> <p><b>Preprints dataset added</b><br/>Capture more of a researcher's or organization's output in your reporting.</p>   | <p><b>Dissertations &amp; Theses dataset</b> ★<br/>Assess output of graduate programs and understand early career scholarship from researchers during assessment and recruiting.</p> <p><b>Collab-CNCI indicator</b><br/>Assess international collaborations objectively with a new indicator that offers more accurate country and institution comparisons.</p>  |
| <p><b>Research Impact</b></p> <p>Research assessment best practices, expanded measures of impact</p> <p>»</p>                      | <p><b>Expanded Funding data and Funder Report</b> ★<br/>Expanded funding agency reporting based on complete Grants Index in the Web of Science. Get a view of stand-alone grants as well as those tied to publications. View expanded Funder Profiles including number of funded awards and total funding amount.</p> <p><b>Add Department-level data analysis *BETA version*</b><br/>Curated hierarchal organization data to allow department level analysis and benchmarking. Identify your institution's strengths by benchmarking against peers, define department-specific strategies and collaborations, and recruit the talent that complements your research programs.</p> | <p><b>SDG data refresh - April</b><br/>Improved SDG methodology that deepens and broadens coverage for accuracy. Adding SDG 17 to associated publications for a complete picture of all United Nations Sustainable Development Goals.</p> <p><b>Research Fronts module</b><br/>Identify emerging research fields and associated expertise using a new module available to InCites subscribers. Reporting can be used to inform strategic decisions about the direction of research, fields with funding potential, and collaboration opportunities.</p> |



# Vă mulțumesc

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#### About Clarivate

Clarivate is the leading global information services provider. We connect people and organizations to intelligence they can trust to transform their perspective, their work and our world. Our subscription and technology-based solutions are coupled with deep domain expertise and cover the areas of Academia & Government, Life Sciences & Healthcare and Intellectual Property. For more information, please visit [clarivate.com](https://www.clarivate.com)

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# Case studies

# CASE STUDY: University of Padua, Italy

Superior indexing of publishers



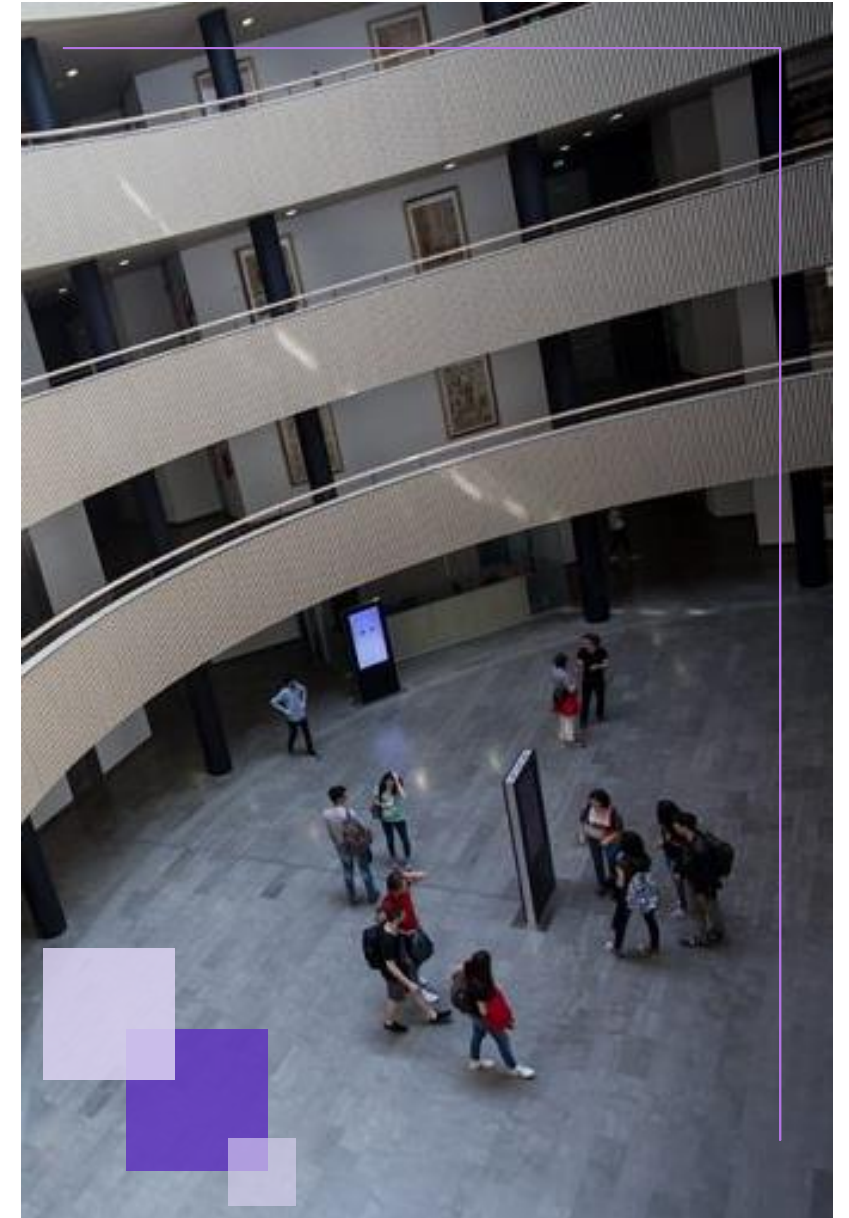
## A trusted tool to assess and showcase research output

The Digital Library Office at UNIPD uses InCites to deliver a simplified view of complex Web of Science data to the Research Office that demonstrates their impact and assesses journals to inform publisher agreements.

*“It is a powerful tool for analyzing research by topics and subject areas, made more dynamic by the wide range of category schemas.”*

**- Mauro Apostolico,**

Research Support Repository Librarian,  
University of Padua, Italy



[Case study](#)

# CASE STUDY: University of South Florida, U.S.

Data-driven insights that guide international collaborations



## Elevating global collaborations

Showcasing impact and successful outcomes in the USF World Annual Report with international collaboration at the forefront.

*“We were able to show that the most influential research at USF is conducted by groups of researchers who, among other characteristics, are located around the world.”*

**- Laurel Thomas**

*International Research and Global Engagement Data Manager,  
USF World, U.S.*



[Case study](#)



# CASE STUDY: Western University, Canada

Assess and refine open access strategies



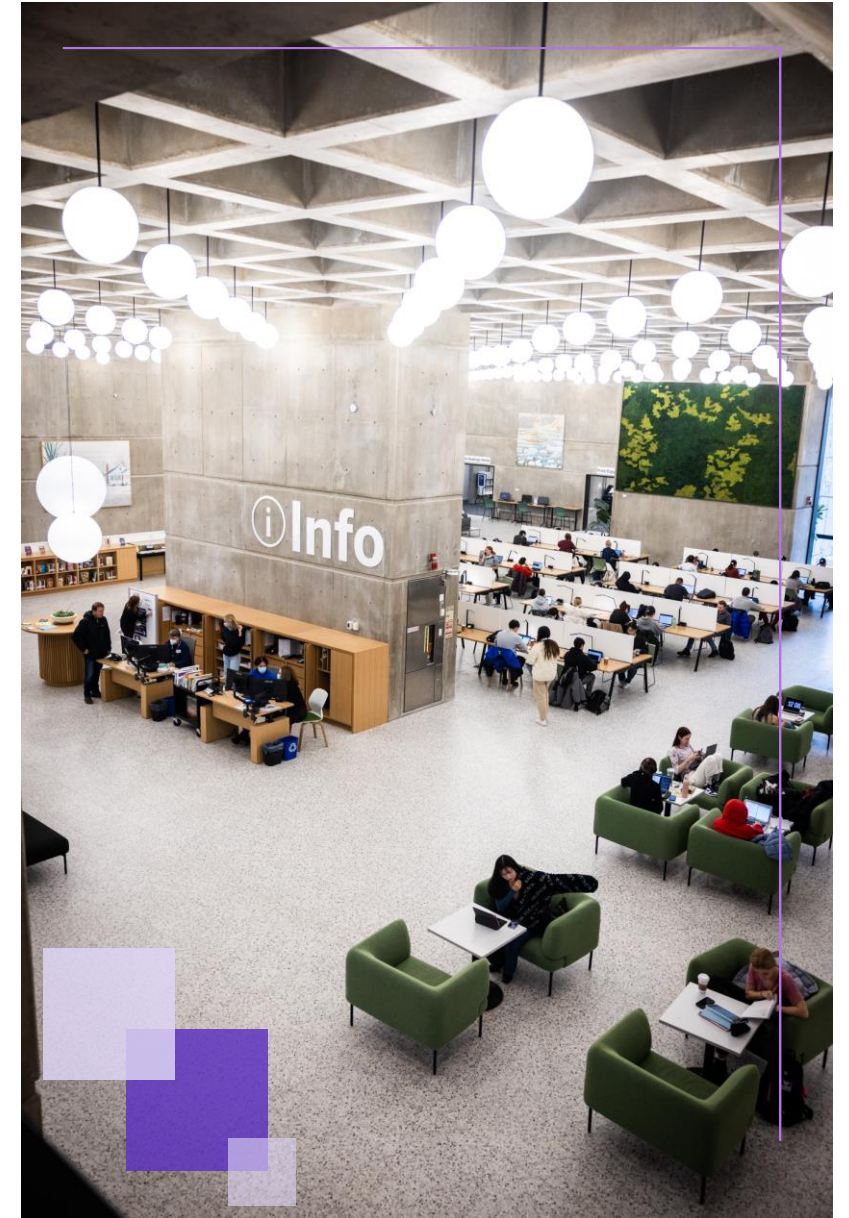
## Evaluating publisher agreements

Library staff used InCites to successfully compare transformative agreements to each publisher's actual OA output and behavior to inform renewals strategies.

*"InCites opened the scope - Instead of just looking at Western's ROI, it's looking at open access across the landscape."*

- Samuel Cassidy,

Head, Collection & Content Strategies Librarian,  
Western University, Canada



Case study

# CASE STUDY: Acibadem University, Türkiye

Research excellence with industry-leading insights

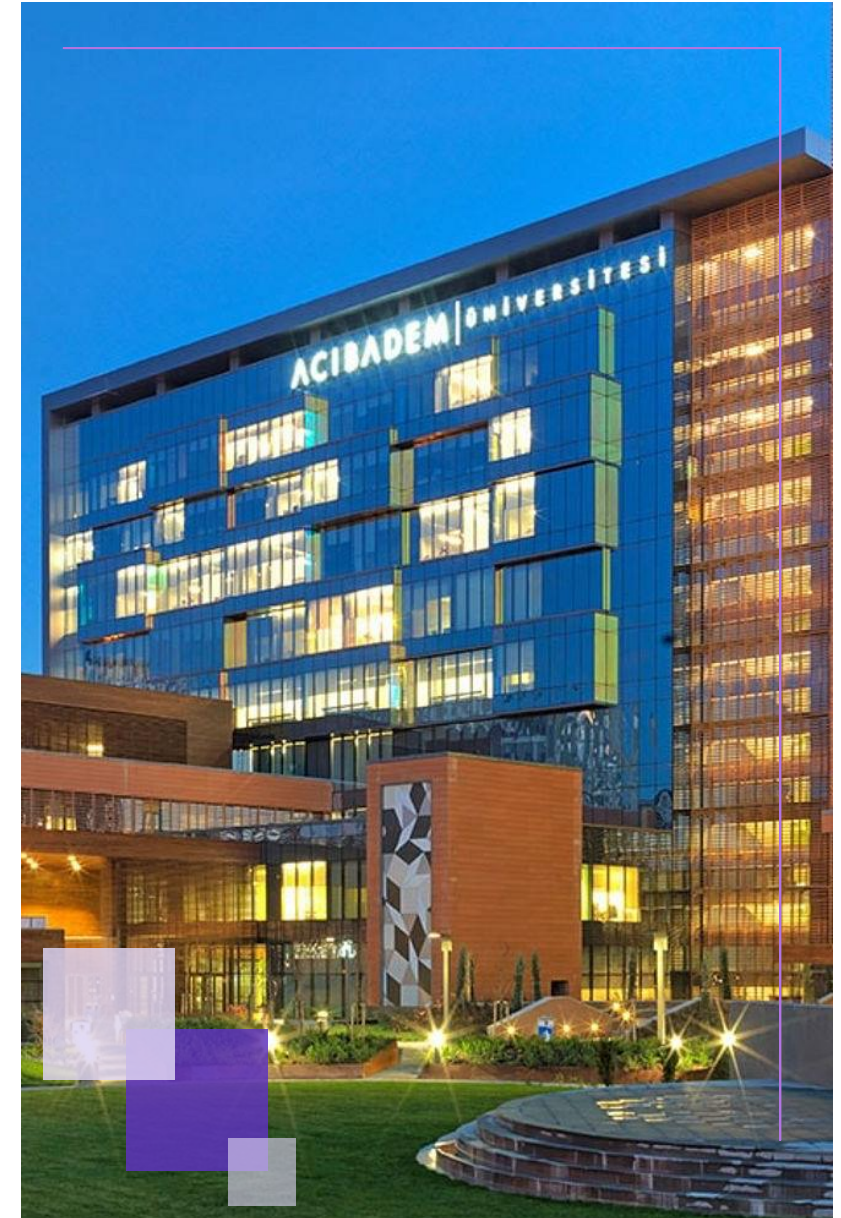


## Optimizing Performance with Key Insights

Using analysis from InCites and an enhanced understanding of their research performance, Acibadem staff streamlined management of university processes and increased the visibility of the institution's medical research.

*"InCites was utilized in the follow-up and interpretation of the university's strategic goals and performance indicators."*

**- Ayca Aydemir,**  
Acibadem University, Türkiye





# CASE STUDY: Johns Hopkins University, U.S.

Inform decisions about transformative agreements



## Informing a sustainable open access publishing strategy

In response to the OSTP issued Nelson Memo, JHU identified InCites as a reliable tool that supplies ongoing data-driven analyses to evaluate open access publisher performance to inform their OA agreement decisions.

*“We are using InCites to do some of this big-time work and determine whether or not our open access strategy is going to work for us.”*

**- Laurel Crawford**

Manager Collections Strategies  
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