InCites Benchmarking & Analytics *Introducere*

Octombrie 2024

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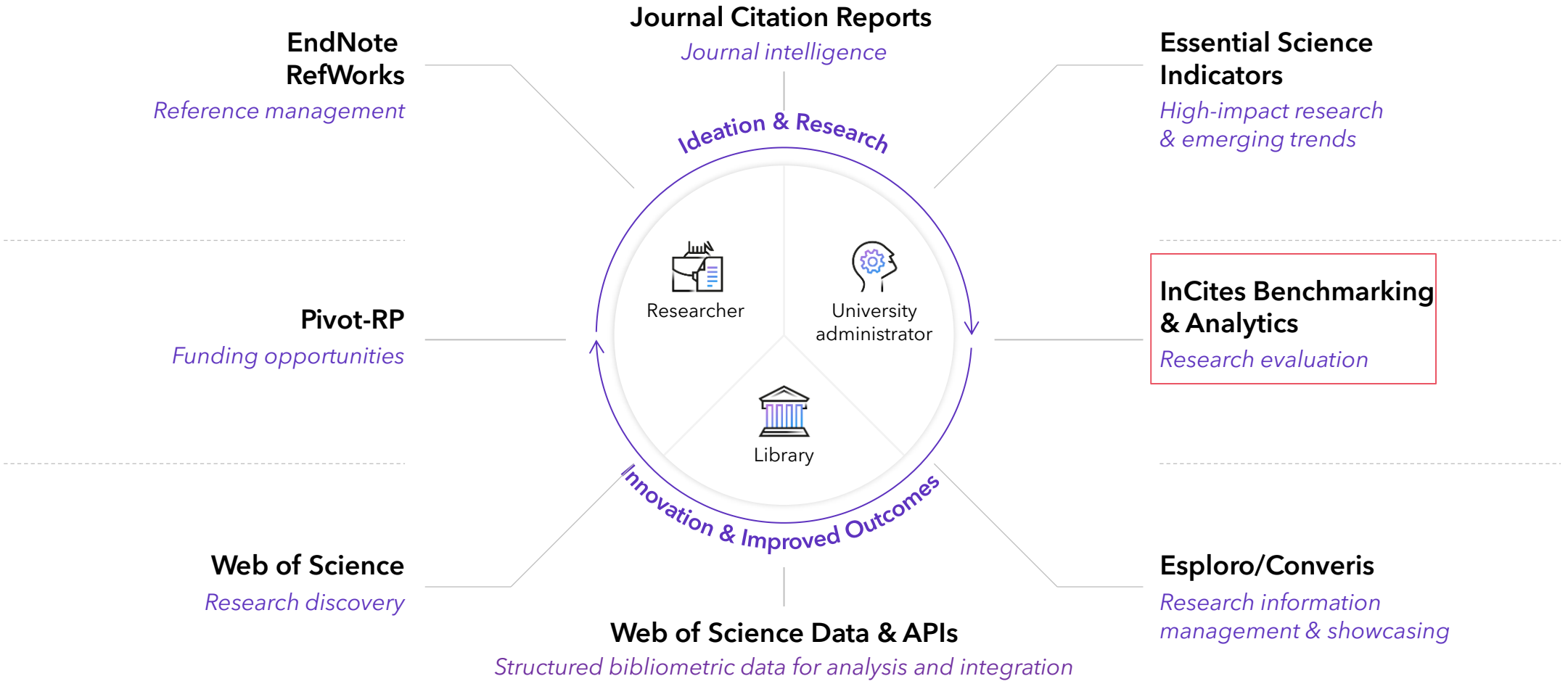
Clarivate

Conectarea datelor, a experiențelor și a expertizei, pentru ca instituțiile să poată prospera



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

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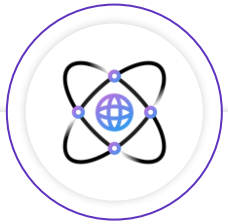
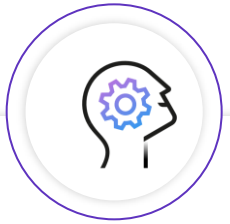
Integritatea cercetării prin date fiabile

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

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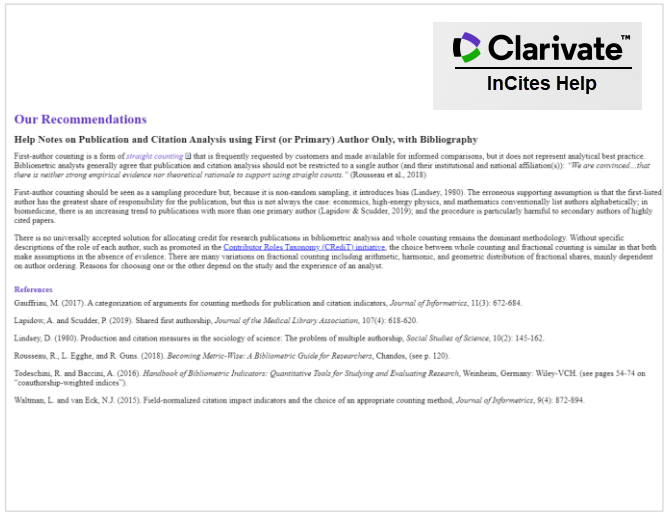
Evaluarea responsabilă a cercetării

Utilizați cu încredere datele din publicații pentru propriile evaluări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InCites Help

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 analysts generally agree that publication and citation analysis should not be restricted to a single author (and their institutional and national affiliation(s)): *"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 (Lindsey, 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: economics, high-energy physics, and mathematics conventionally list authors alphabetically; in biomedicine, there is an increasing trend to publications with more than one primary author (Lapadow & 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 promoted in the Contributor Roles Taxonomy (CRediT) initiative, the choice between whole counting and fractional counting is similar in 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

Gauffriau, M. (2017). A categorization of arguments for counting methods for publication and citation indicators, *Journal of Informetrics*, 11(3): 672-684.

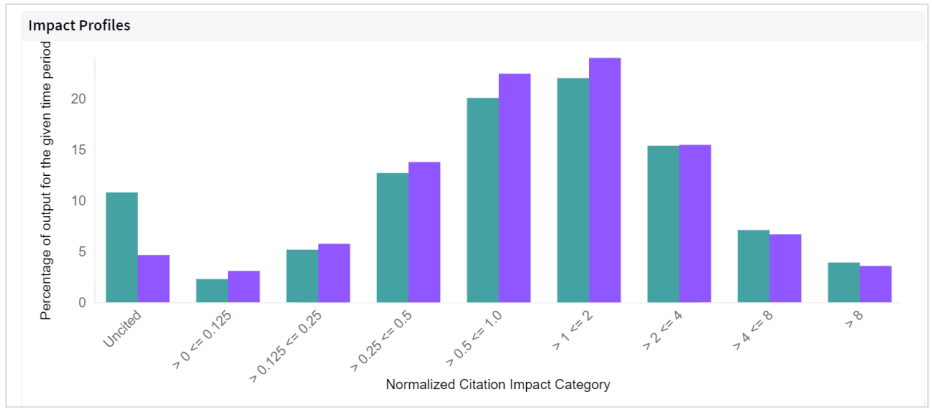
Lapadow, A. and Scudder, P. (2019). Shared first authorship, *Journal of the Medical Library Association*, 107(4): 618-620.

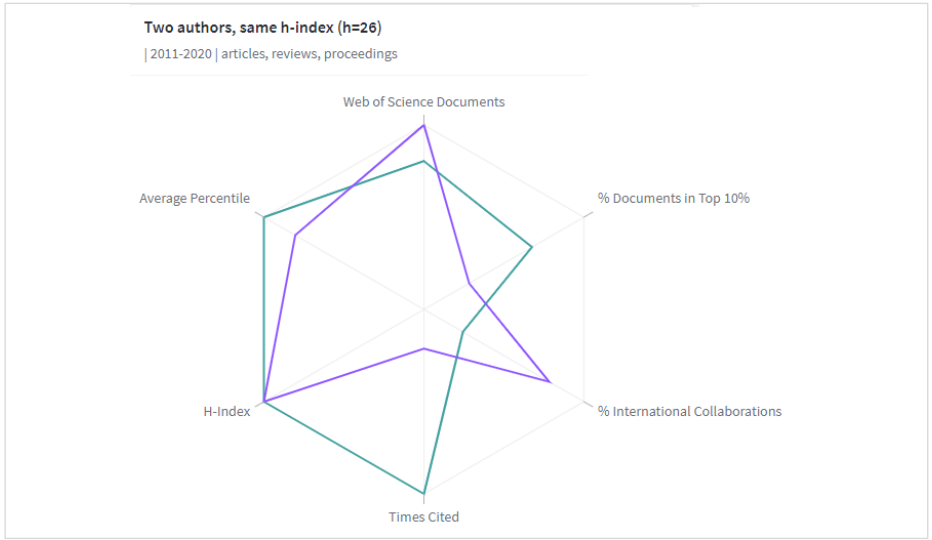
Lindsey, D. (1980). Production and citation measures in the sociology of science: The problem of multiple authorship, *Social Studies of Science*, 10(2): 145-162.

Rousseau, R., L. Egghe, and R. Guns. (2018). *Becoming Metric-Wise: A Bibliometric Guide for Researchers*, Chandos, (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.





isi | Institute for Scientific Information

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

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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.

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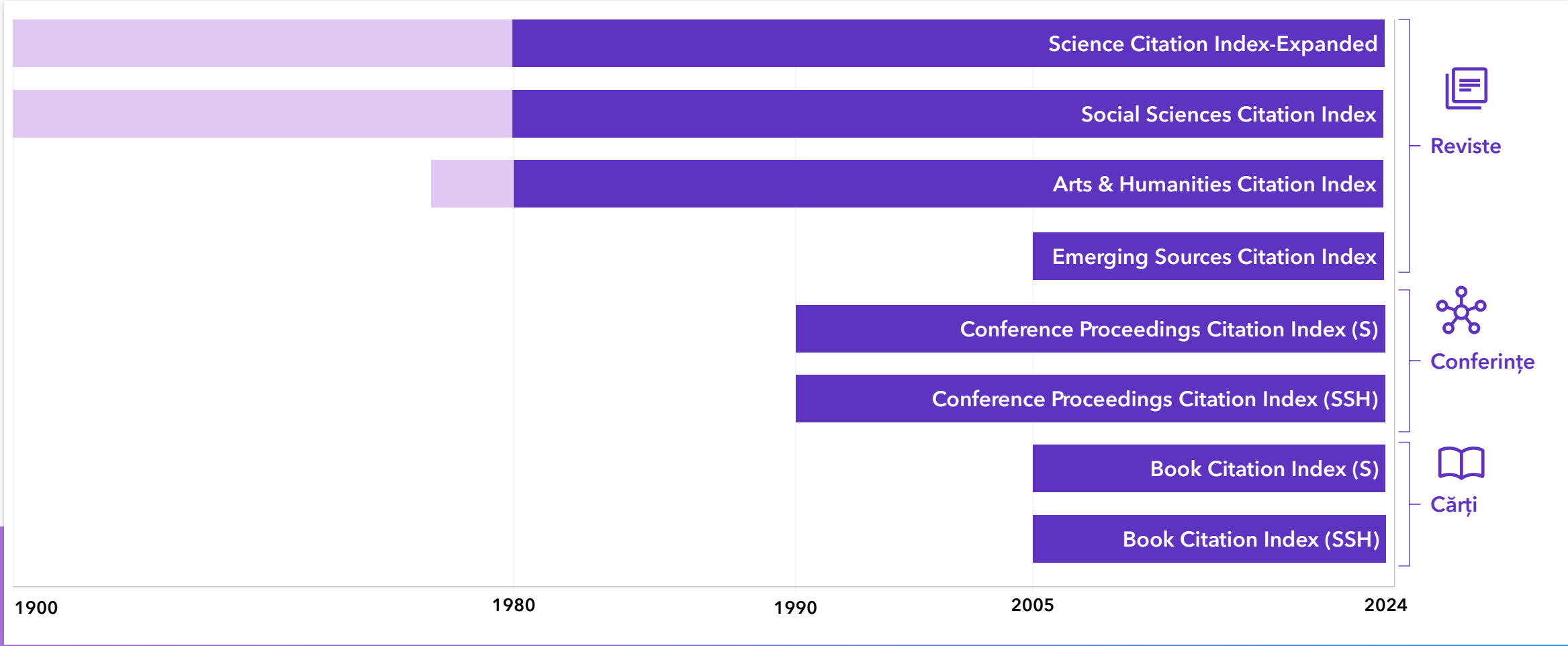
Web of Science Core Collection este sursa de date pentru InCites



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Indicatori disponibili în InCites

Indicatori de impact	% 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
Indicatori de performanță	Web of Science Documents
	Times Cited
Indicatori normalizați	Category Normalized Citation Impact
	Journal Normalized Citation Impact
	Impact Relative to World
	Average Percentile
Colaborare	Domestic Collaborations
	% Domestic Collaborations
	Organization only Collaborations
	% Organization only Collaborations
	International Collaborations
	% International Collaborations
	% Industry Collaborations
	Industry Collaboration

Open Access	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
Poziția autorilor	% First Author (2008-2020)
	% Last Author (2008-2020)
	% Corresponding Author (2008-2020)
	First Author (2008-2020)
	Last Author (2008-2020)
	Corresponding Author (2008-2020)

Indicatori Journal Citation Reports	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
Indicatori Essential Science Indicators	% Hot Papers
	Hot Papers
	% Highly Cited Papers
	Highly Cited Papers
	ESI Most Cited

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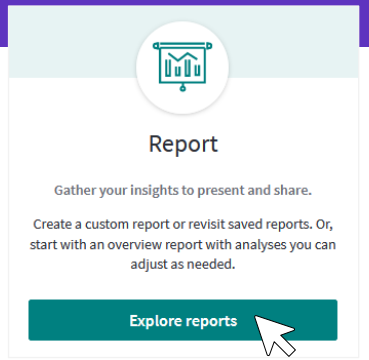
Două modalități de analiză

Analiza datelor pentru începători



1. **Utilizarea** unui raport predefinit

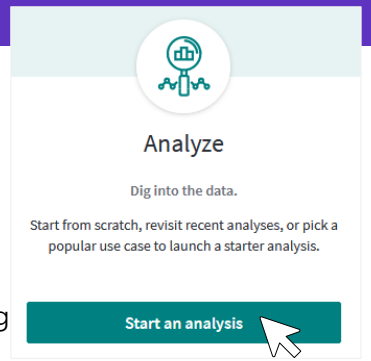
2. **Alegerea** unui tip de raport
   Organization | Researcher | Department | Publisher | Alma

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 întrebările 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

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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?

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Research Horizon Navigator

Inovați în domenii rapide

Anticipați descoperiri prin explorarea unor subiecte noi definite de activitatea recentă de citare.

Investiți în domenii interdisciplinare

Descoperiți domenii emergente pe baza interdisciplinarității lor.

Orientarea strategiei

Rămâneți la curent cu tendințele în cercetare pentru a lua decizii strategice privind parteneriate, talente, finanțare și resurse.

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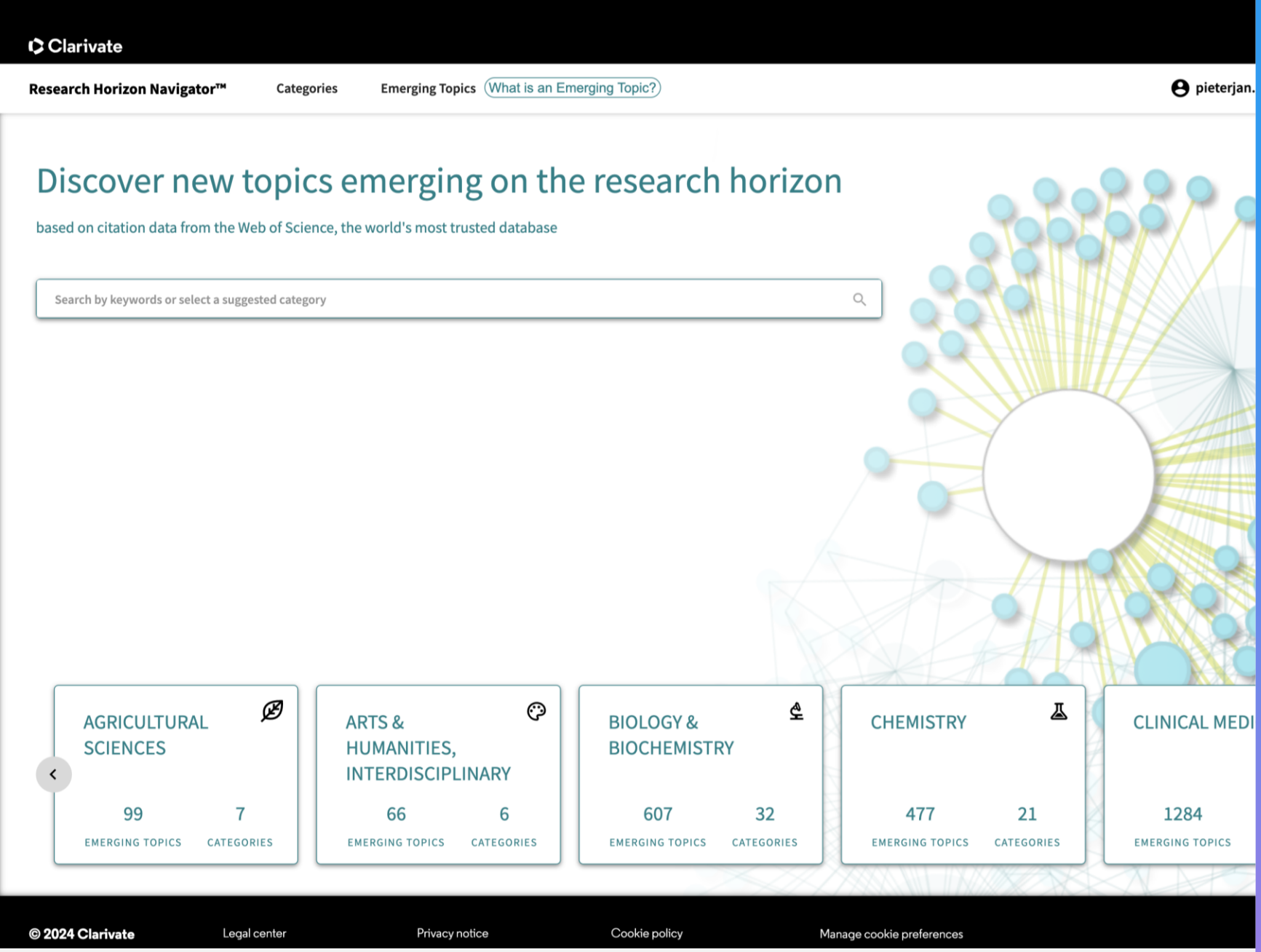


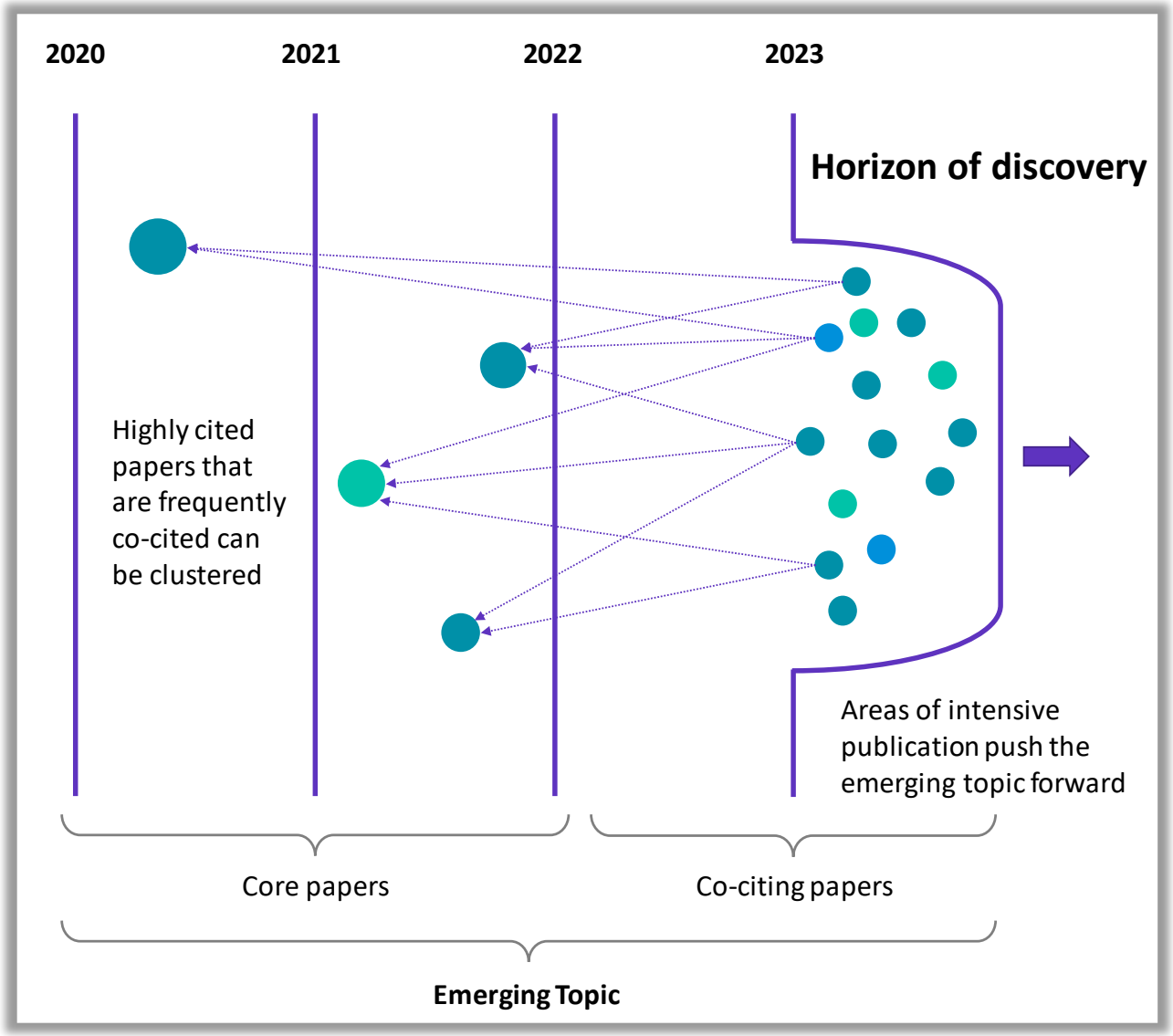
Identificarea domeniilor în care este probabil să apară viitoarele descoperiri.

10,000+

Subiecte de cercetare emergente

Clarivate™

Research Horizon Navigator



Subiectele emergente sunt zone de publicare intensivă, detectate și grupate prin co-citare.

- Articole, review-uri și conferințe din ultimii 5 ani
- Lucrări din domeniul științelor, științelor sociale și artelor și științelor umaniste

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Resurse disponibile

Web of Science	https://www.webofscience.com/
Journal Citation Reports	https://jcr.clarivate.com/
Essential Science Indicators	https://esi.clarivate.com/
InCites Benchmarking & Analytics	https://incites.clarivate.com/

- Master Journal List
- New releases Web of Science
- Editorial Selection Process
- Web of Science Blog
- Events & Webinars
- LibGuides

Portal de formare https://clarivate.com/webofsciencegroup/support/

Site web regional https://clarivate.libguides.com/europe/romania

Dacă aveți întrebări sau probleme de acces, vă rugăm să contactați echipa noastră tehnică : **WoSG.support@clarivate.com.**

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InCites Benchmarking & Analytics

Exemple de utilizare

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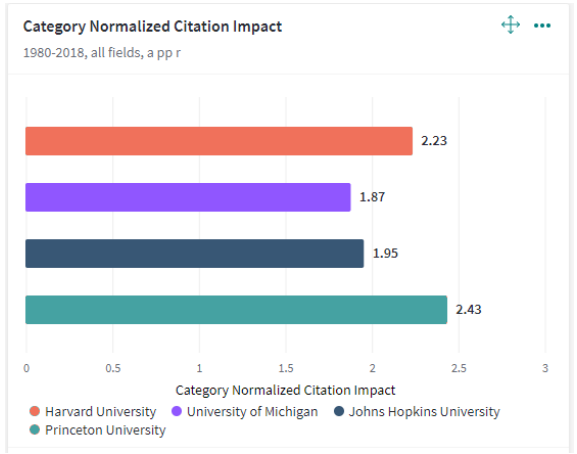
Benchmark against peers

See where you stand and monitor progress towards goals

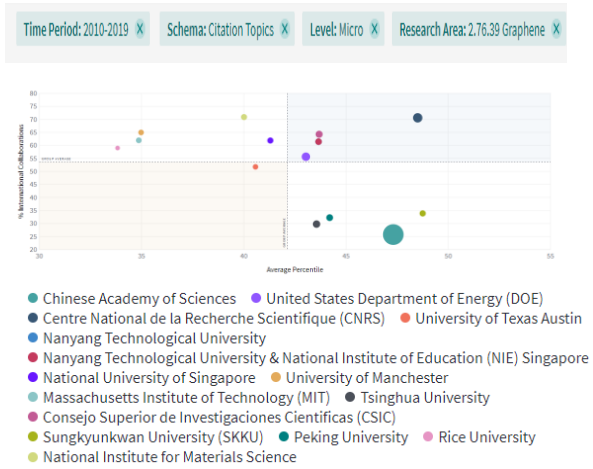
Normalized indicators



Monitor your institution's position

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

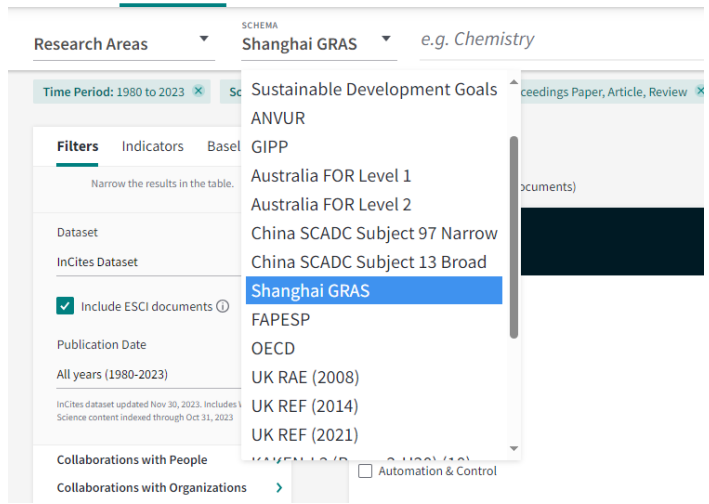
Citation Topics



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

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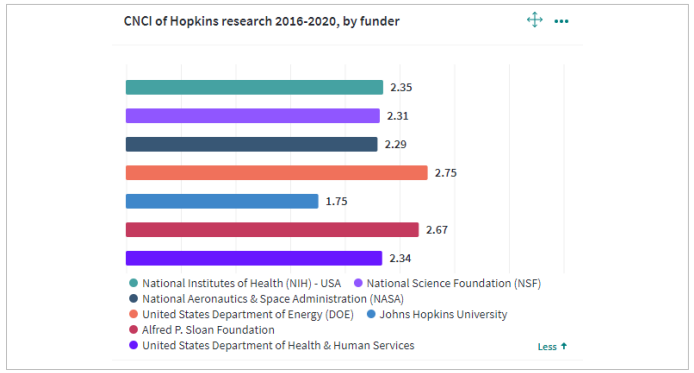
Demonstrate your impact

Identify impactful outcomes to secure new revenue streams

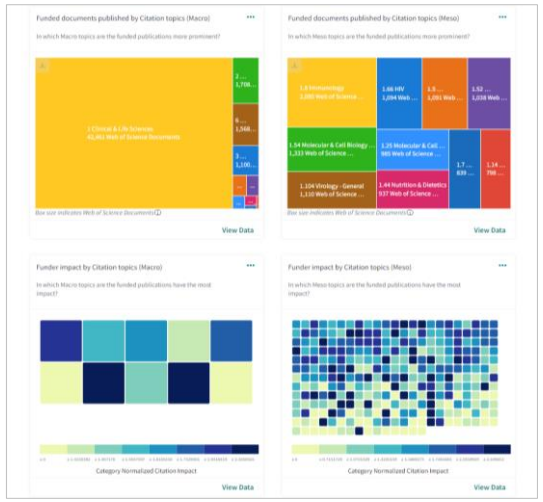
Analyze Funding



Measure impact by funder

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

Funder Report

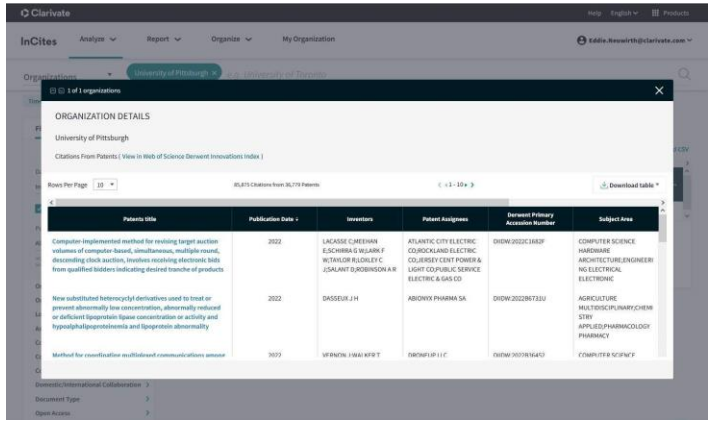


See a performance profile by funder

- 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

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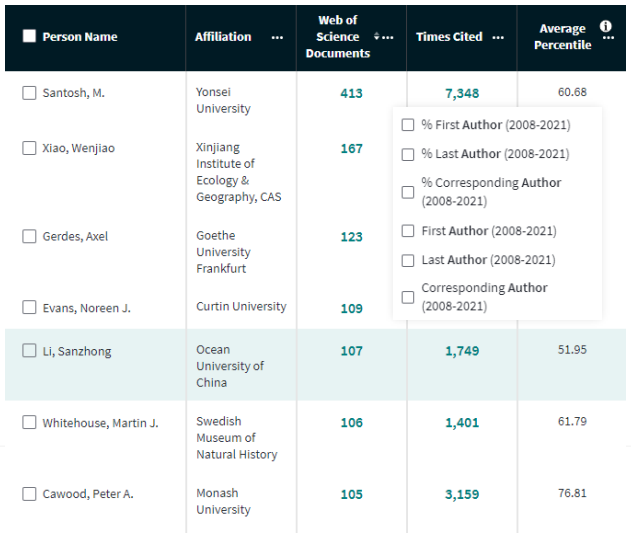
Assess collaborations

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

Analyze Researchers

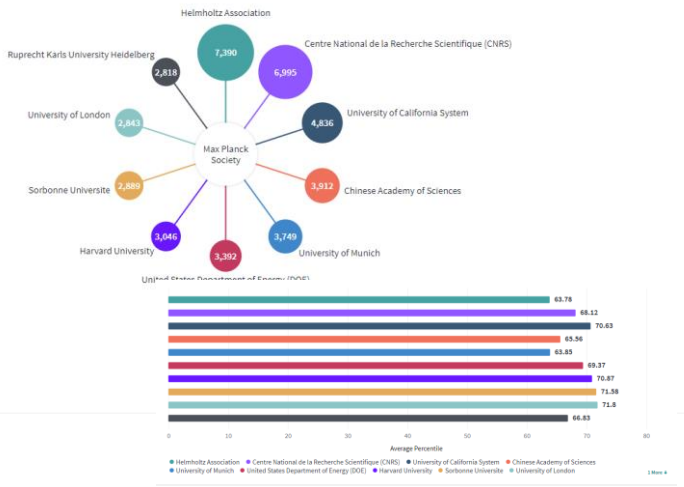


Person Name	Affiliation	Web of Science Documents	Times Cited	Average Percentile
Santosh, M.	Yonsei University	413	7,348	60.68
Xiao, Wenjiao	Xinjiang Institute of Ecology & Geography, CAS	167		
Gerdes, Axel	Goethe University Frankfurt	123		
Evans, Noreen J.	Curtin University	109		
Li, Sanzhong	Ocean University of China	107	1,749	51.95
Whitehouse, Martin J.	Swedish Museum of Natural History	106	1,401	61.79
Cawood, Peter A.	Monash University	105	3,159	76.81

Quickly identify high performing researchers

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

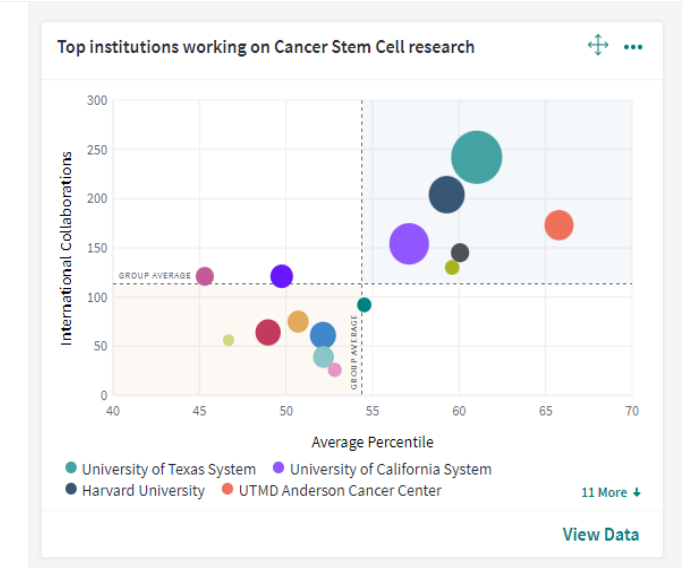
Analyze Organizations



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.

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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.

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.

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

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

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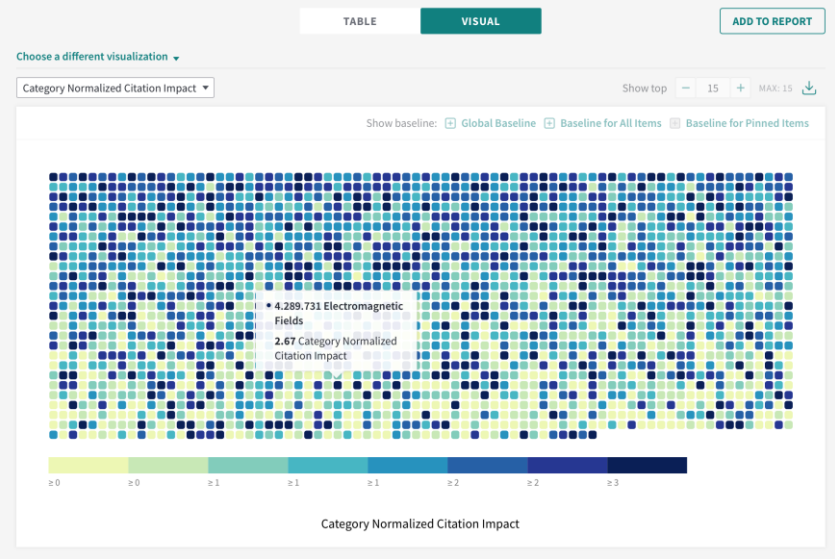
Target strategic research areas

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

Box size indicates Web of Science Documents

Align research to SDGs

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

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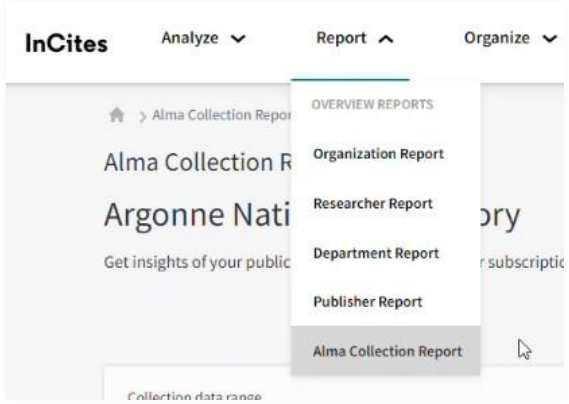
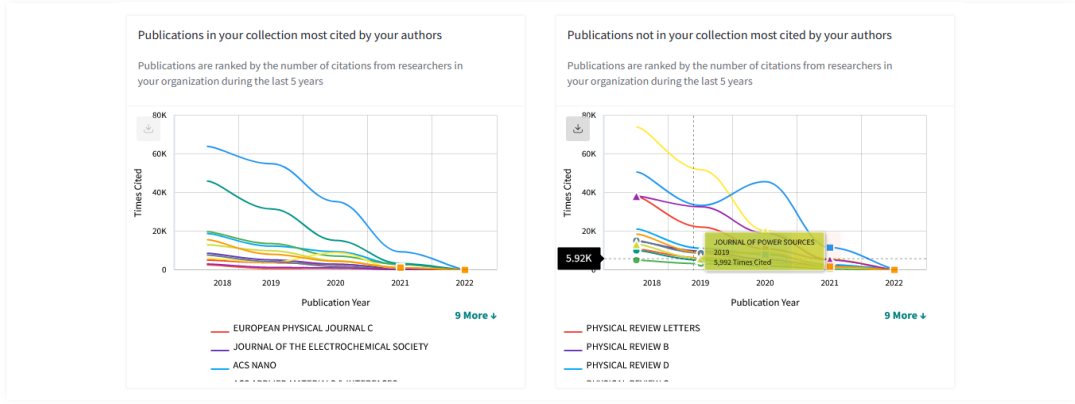
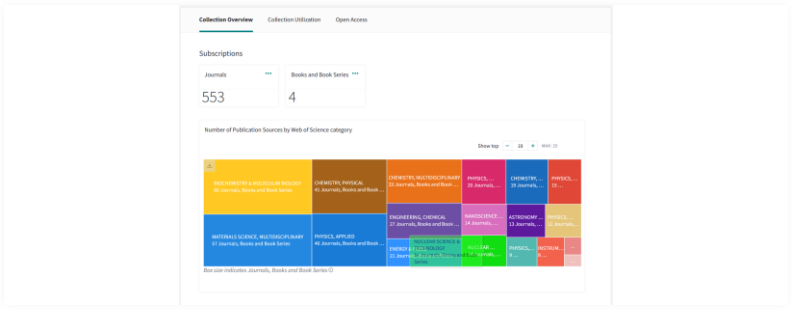
Align library intelligence to researcher needs

Make better informed collections management decisions using data

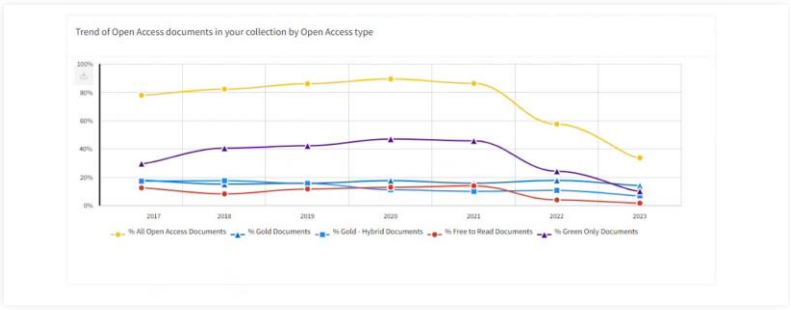




Map collections to research areas



Monitor open access trends



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

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2024 Roadmap

★ ProQuest + Clarivate integration spotlight

Focus areas	H1 2024	H2 2024
Research Effectiveness Personalized user experience, new content types, workflows to reduce friction	**Peer Review Indicators** Provide a more complete picture of researchers' contributions to advancing research by including peer review activities. **Preprints dataset added** Capture more of a researcher's or organization's output in your reporting.	★ **Dissertations & Theses dataset** Assess output of graduate programs and understand early career scholarship from researchers during assessment and recruiting. **Collab-CNCI indicator** Assess international collaborations objectively with a new indicator that offers more accurate country and institution comparisons.
Research Impact Research assessment best practices, expanded measures of impact	★ **Expanded Funding data and Funder Report** 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. **Add Department-level data analysis *BETA version*** 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.	**SDG data refresh - April** 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. **Research Fronts module** 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.

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Release dates are estimates only.
Clarivate reserves the right to change its product plans or roadmap based on business priorities and market conditions.

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Vă mulțumesc

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