Clarivate
Web of Science™

Web of Science pentru începători

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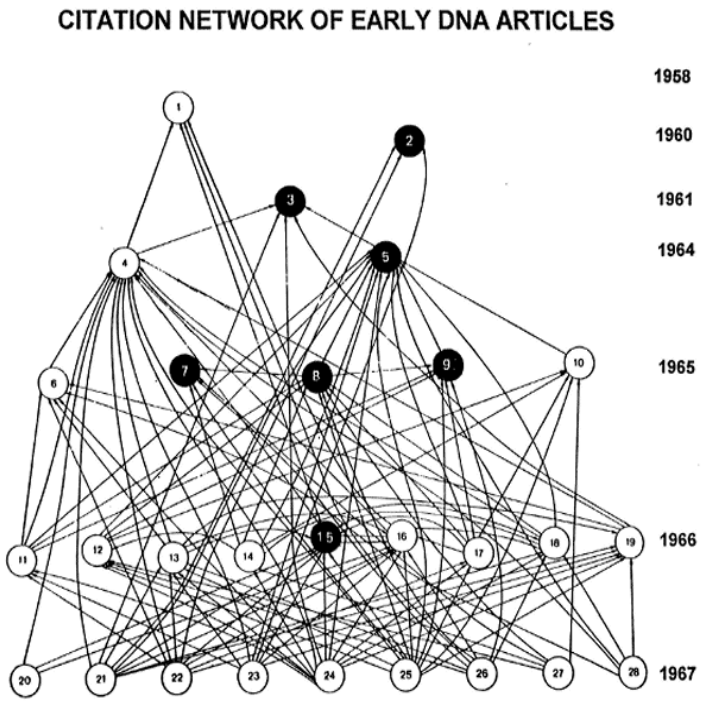
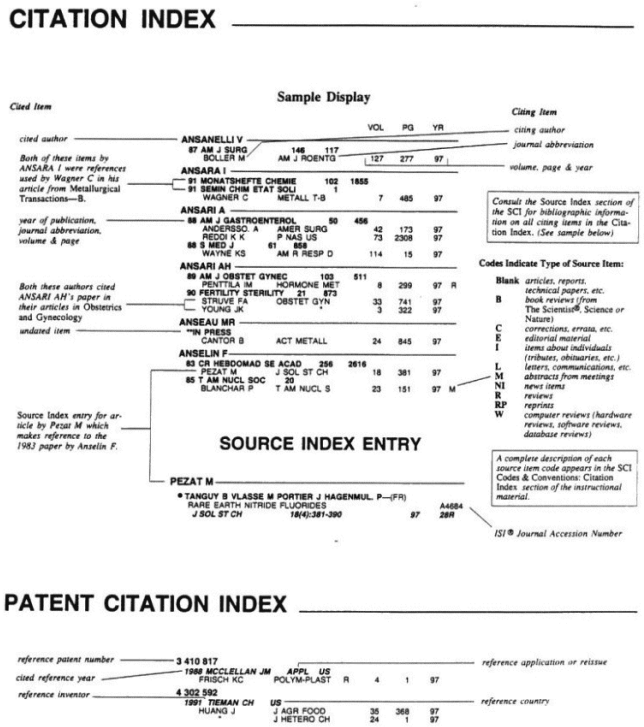
Ianuarie 2020

Father of Citation Indexing and Analysis

Dr. Eugene Garfield





1955 “ASSOCIATION OF IDEAS INDEX”

Citation Indexes for Science -> A New Dimension in Documentation through Association of Ideas

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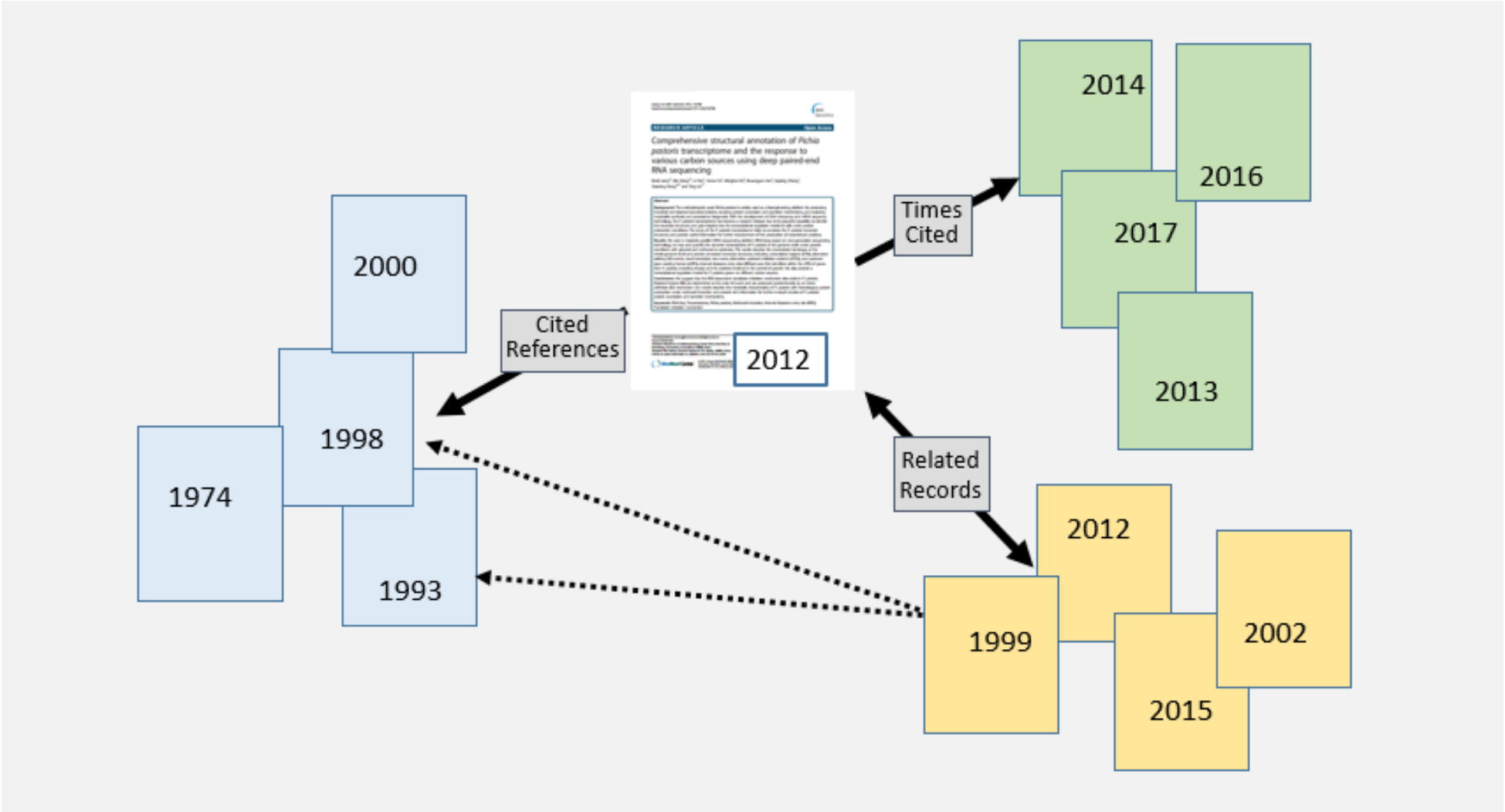
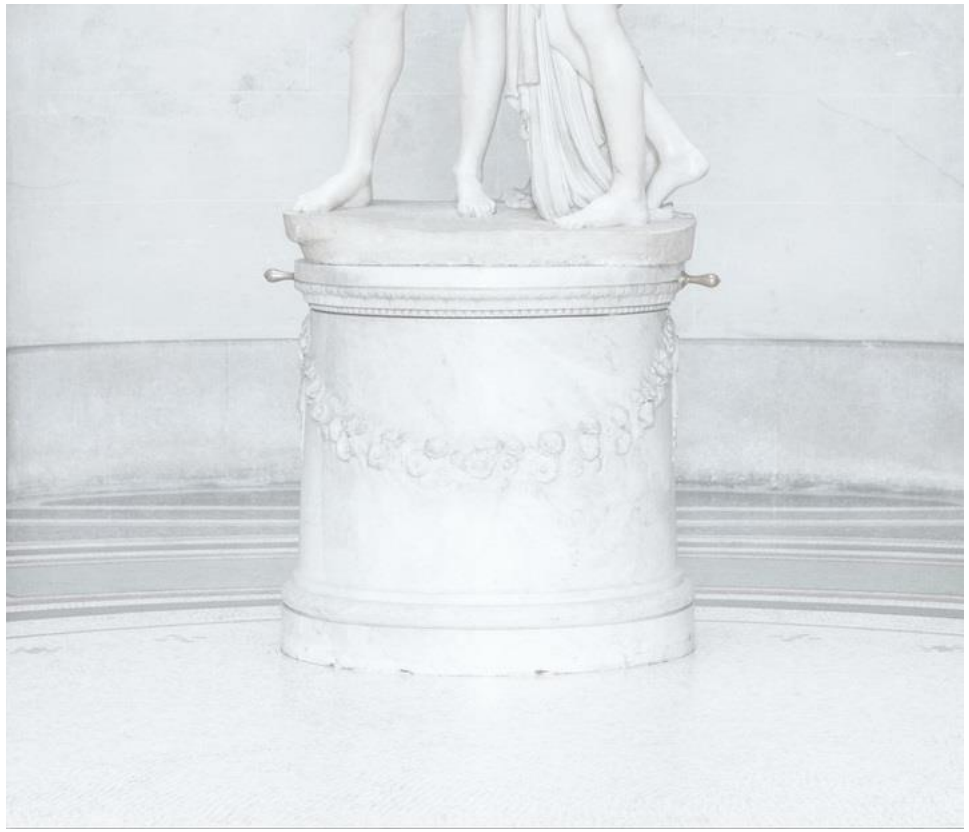
The Citation Network



Cited references



Why citing is important

- Support original ideas. Give credit to other researchers and acknowledge their ideas
- Build credibility as a scientist or scholar. A good bibliography shows off your scientific knowledge
- Better verification of your work. A fact-checking tool
- Avoid plagiarism.

Quality

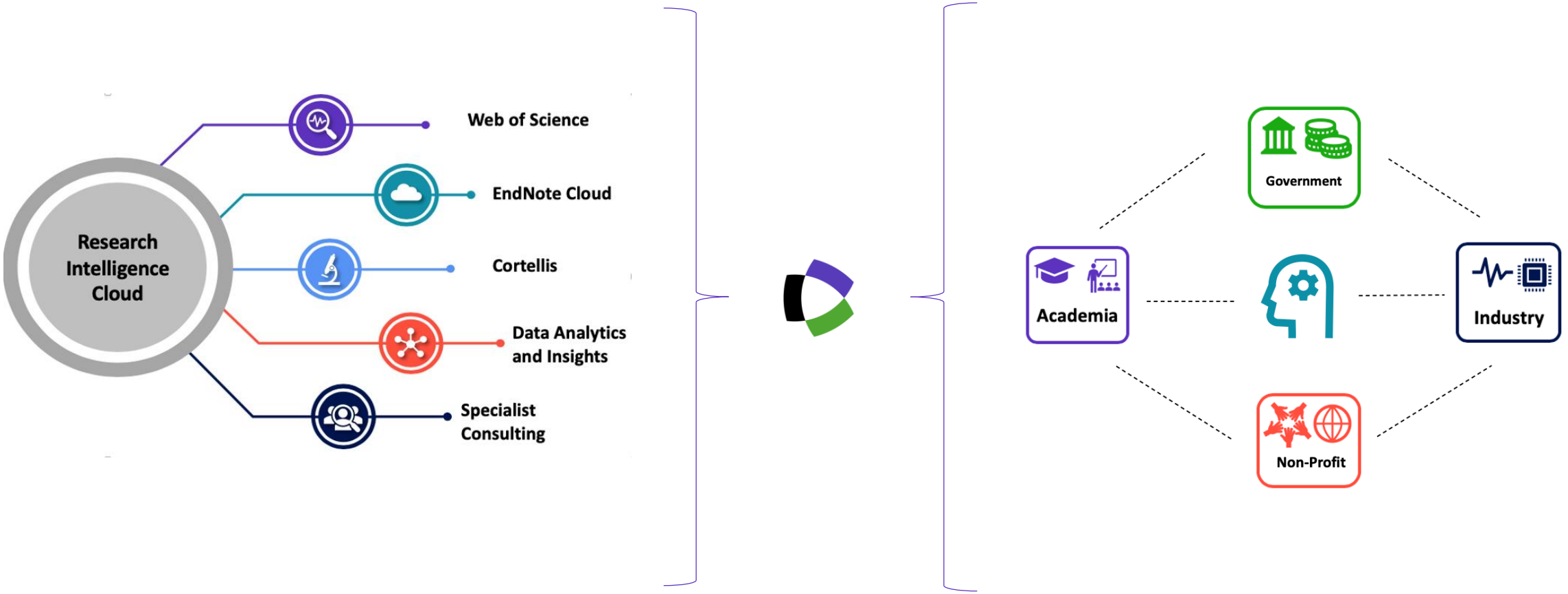
Quantity

Bradford's Law

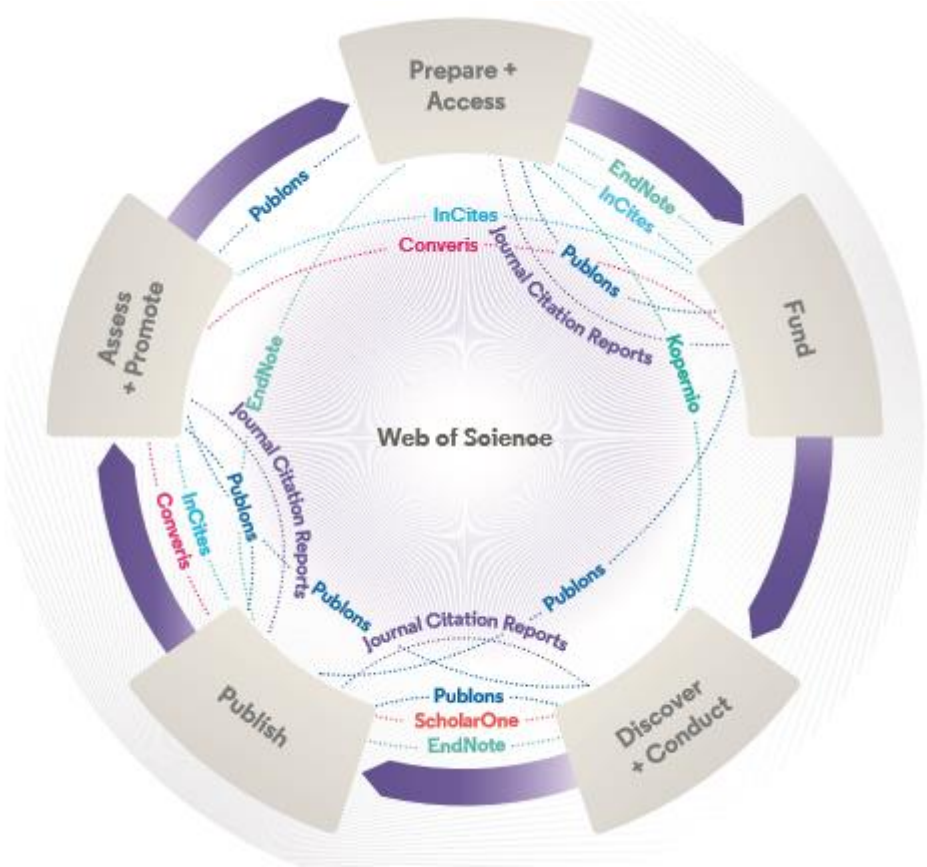
‘A small percentage of journals accounts for a large percentage of what is published. An even smaller percentage accounts for what is cited.’

How does Web of Science help you accelerate your research

Accelerating innovation by connecting researchers, funders, industry and society through a researcher-centric network



The literature research workflow



Web of Science
The world's largest and highest quality publisher-neutral citation index.

Essential Science Indicators
Reveals emerging science trends as well as influential individuals, institutions, papers, journals, and countries across 22 categories of research.

Journal Citation Reports
The world's most influential and trusted resource for evaluating peer-reviewed publications.

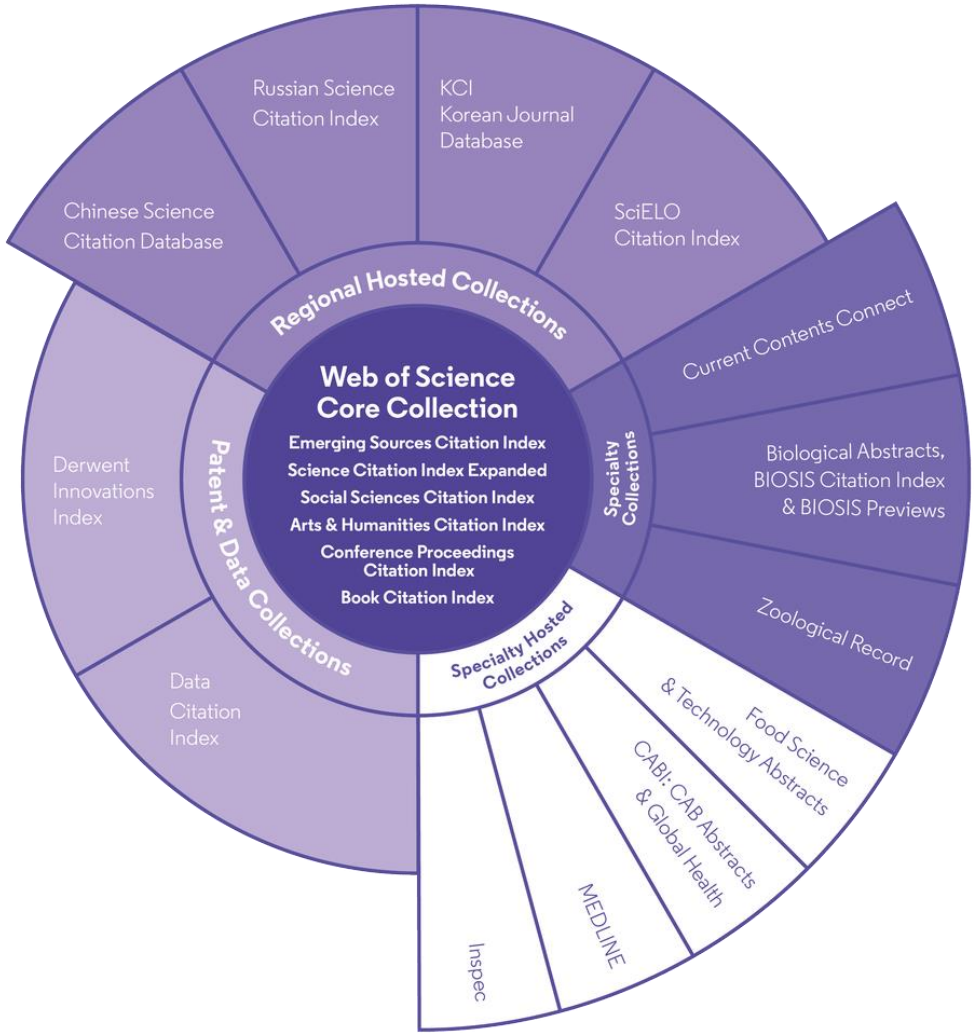
InCites Benchmarking & Analytics
Analyze institutional productivity and benchmark your output against peers worldwide.

EndNote
A smarter way to streamline references and write collaboratively.

Kopernio → EndNote Click
Fast, one-click access to millions of high-quality research papers.

Publons
Supporting researchers through documenting their peer-review and journal editing contributions, providing guidance and best practice for the peer-review process, as well as increasing the overall.

Web of Science Platform



34,600+
Journals across the platform

21,300+
Total journals in the *Core Collection*

1.8 billion+
Cited references

171 million+
Records

14.8 million
Records with funding data

90 million
Patents for over 44 million inventions

9.7 million+
Data Sets and Data Studies

Backfiles to 1900
With cover-to-cover indexing

220,000+
Conference proceedings

116,000+
Books

Clarivate™

Statistics as of July 2020

Web of Science Core Collection

- Science Citation Index Expanded
- Social Sciences Citation Index
- Arts & Humanities Citation Index

- Emerging Sources Citation Index

- Conference Proceedings Citation Index
- Book Citation Index

21,000+ journals indexed cover-to-cover

- Multidisciplinary
- International
- Influential

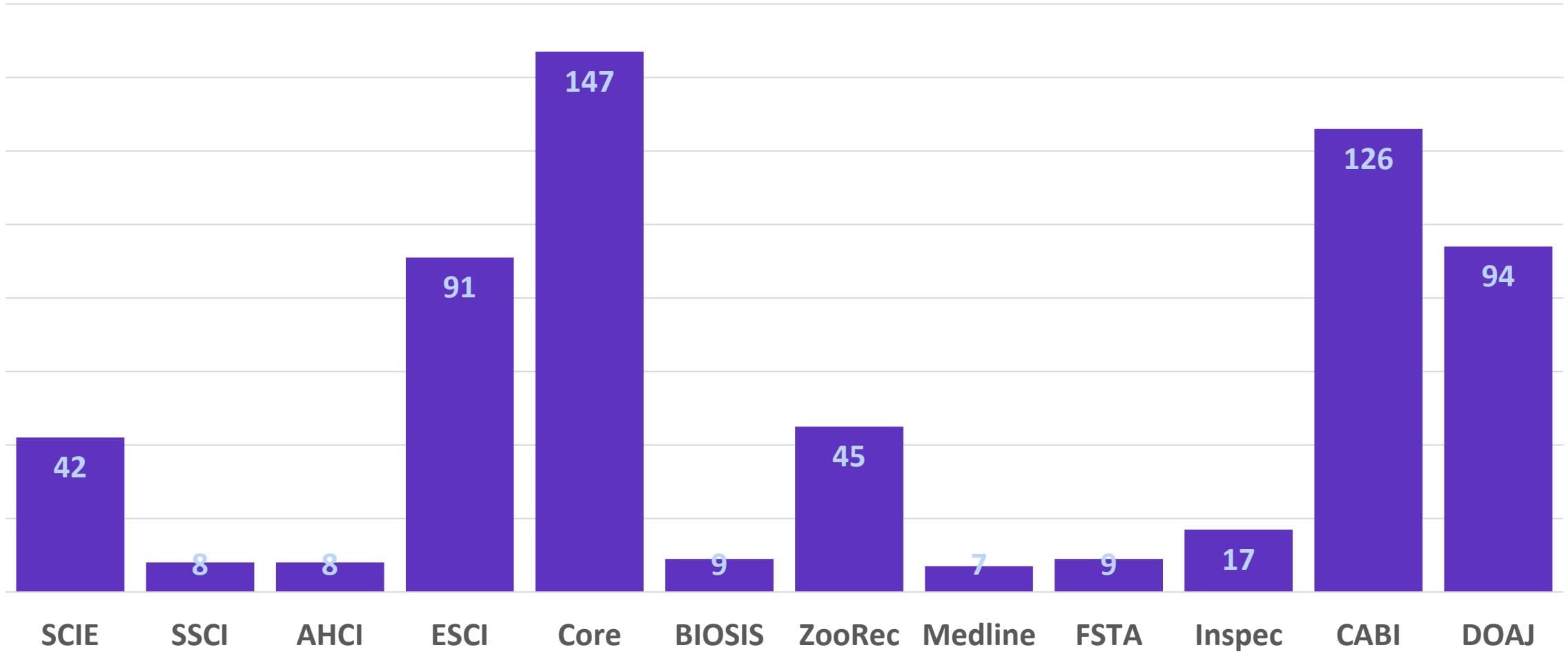
Powerful citation network with complete cited reference search, cited reference linking and navigation

Unbiased journal selection and curation

Source data for Journal Impact Factor

Romanian journals indexed in Web of Science

281 journals in total



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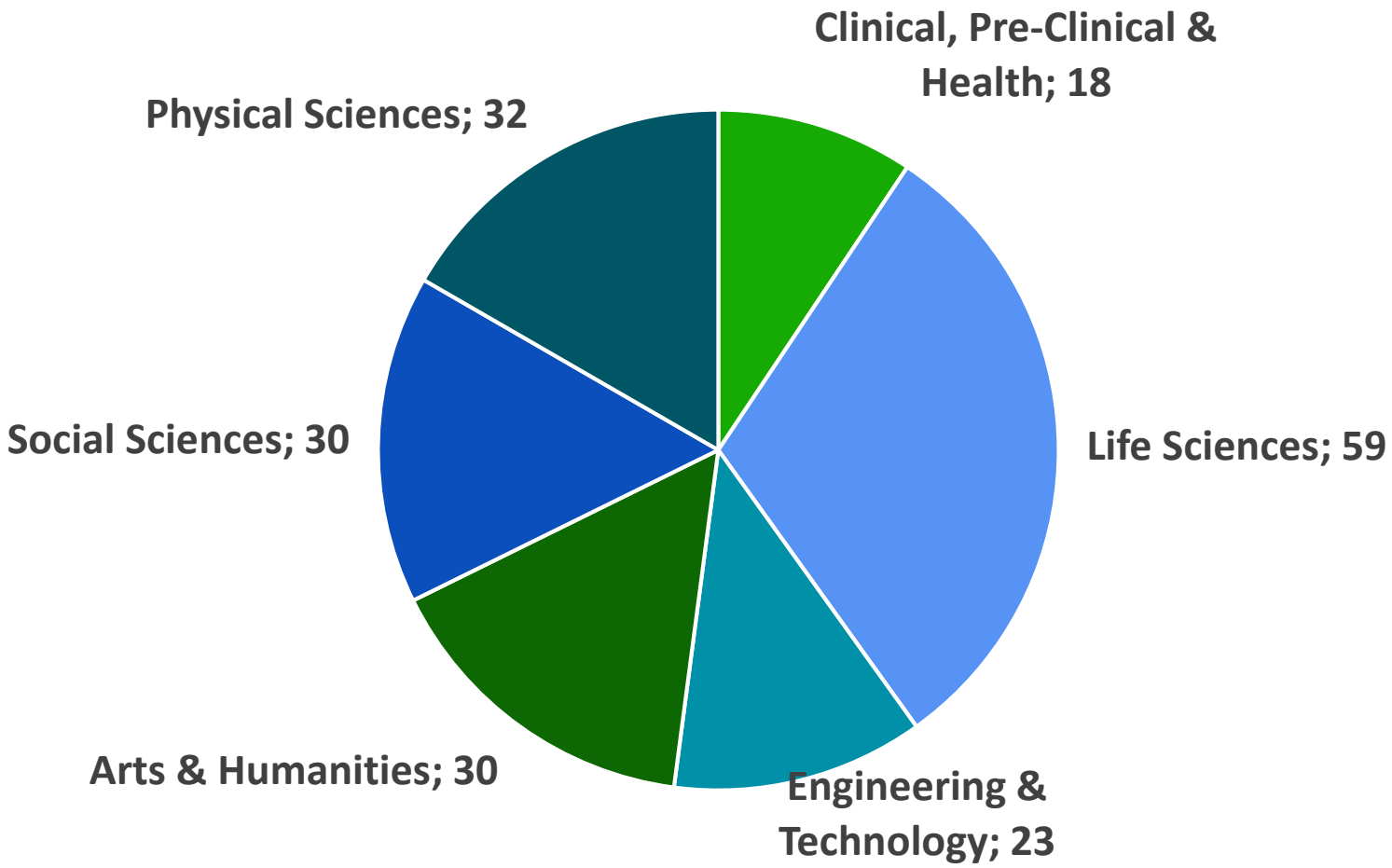
Romanian journals indexed in Web of Science

281 journals in total

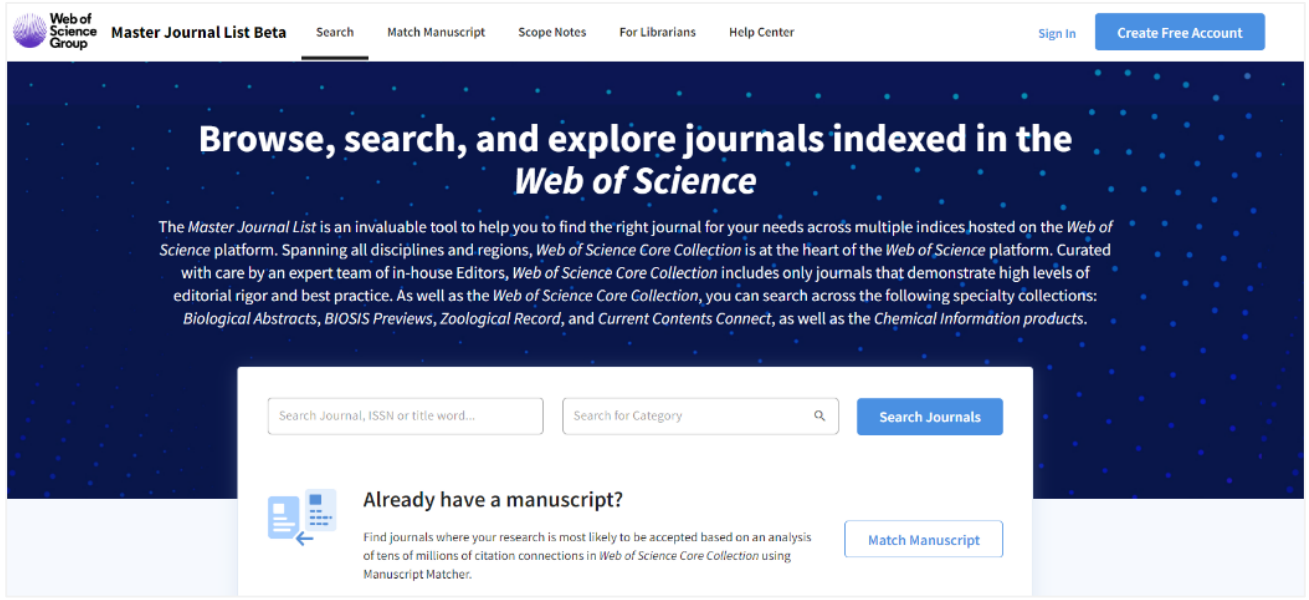


Master Journal List https://mjl.clarivate.com/

IMPROVED SEARCH FUNCTIONALITY
Search across 24,000+ journals across 254 subject disciplines.

MANUSCRIPT MATCHER
Find the best fit for your manuscript powered by Web of Science data.

JOURNAL PROFILES
Access key information about and metrics for a comprehensive journal overview.

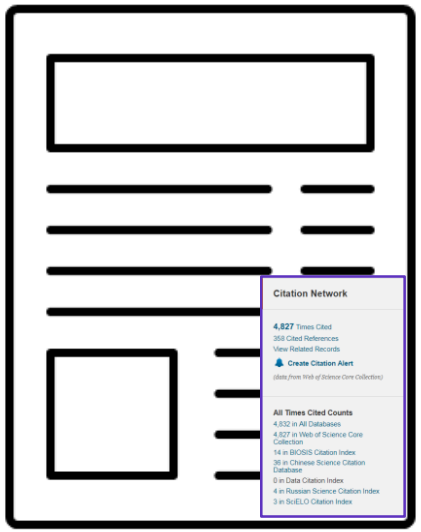


How do you avoid predatory Open Access?

Web of Science is the trusted whitelist for Open Access, comprising curated journal collections that carefully aim to exclude predatory journals. Users can therefore search and access millions of trusted peer-reviewed OA articles with confidence across the Web of Science, while also identifying OA journals to publish in. **https://unpaywall.org/sources**

Prioritate pentru calitatea datelor

ARTICOL
INDEXAREA REVISTELOR DE LA UN CAPĂT LA ALTUL



DOMENII DE CERCETARE
CLASIFICARE, EX. 252 DE CATEGORII WOS

CITATION NETWORK

FINANȚARE
CAPTURATE & UNIFICATE

ORGANISME DE FINANȚARE

AUTORI

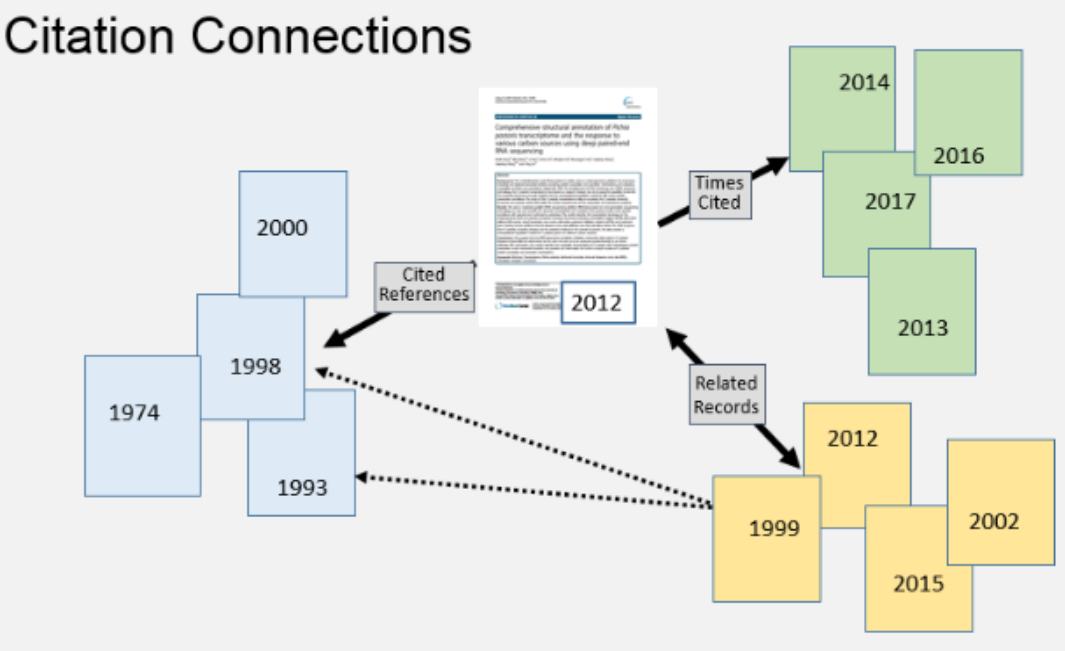
ORGANIZAȚII

ADRESE

AFILIERI
CAPTURATE PENTRU TOȚI AUTORI

Explore the Citation Network

- **Cites References** – the research that a paper cites (all cited reference are captured, regardless whether they are part of the index or not)
- **Times Cited** – more recently published papers that cite the paper
- **Related Records** – papers which share at least one cited reference in common with the paper (if they share citations, they're likely discussing similar topics).



Access to Full text

OPEN URL LINKS

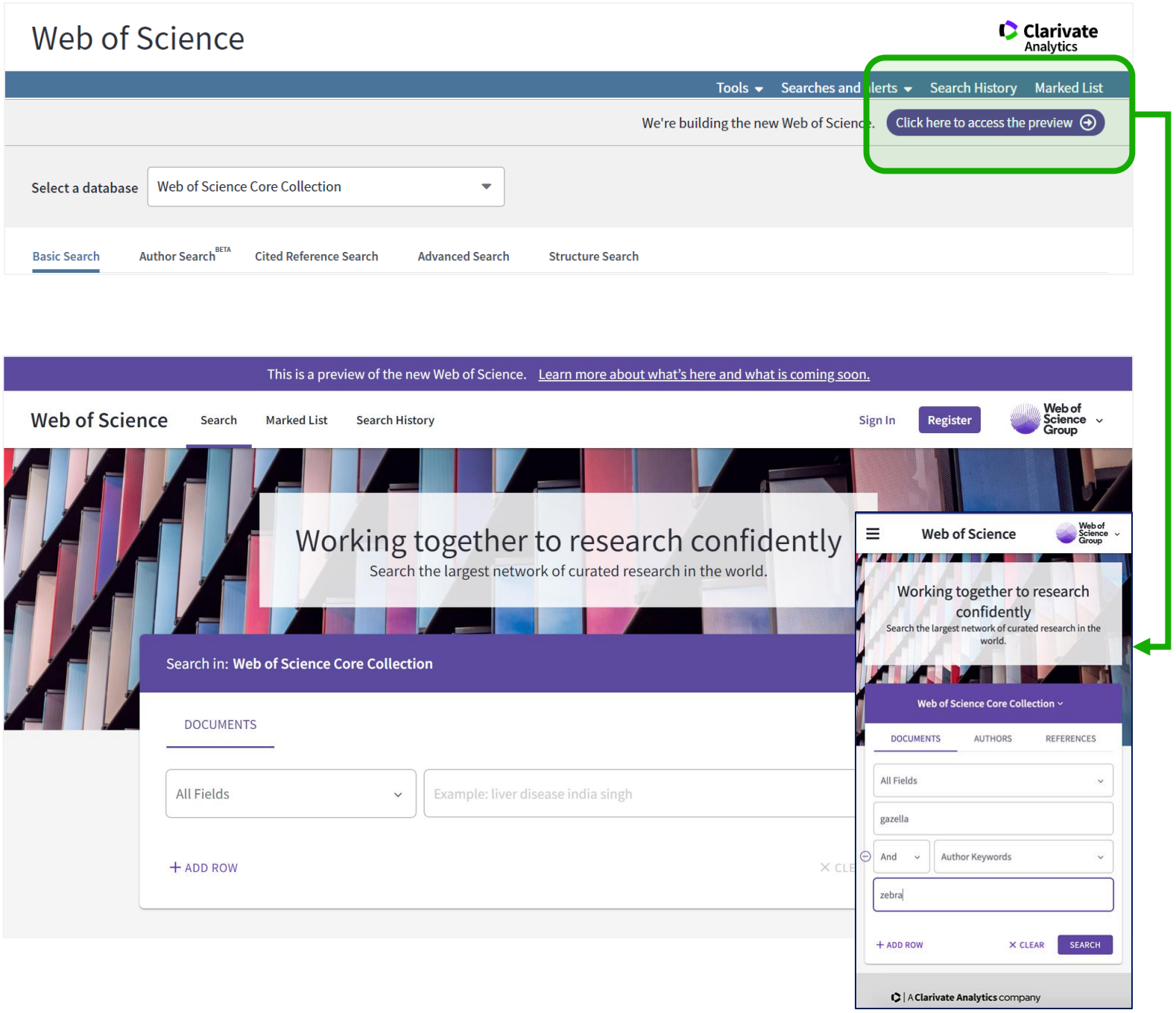
OPEN ACCESS

GOOGLE SCHOLAR

PUBLISHER WEBSITE

Welcome to the New Web of Science

- Refreshed user interface
- Committed to meeting accessibility mandates
- Responsive design for mobile access
- Faster page loading
- More efficient workflows



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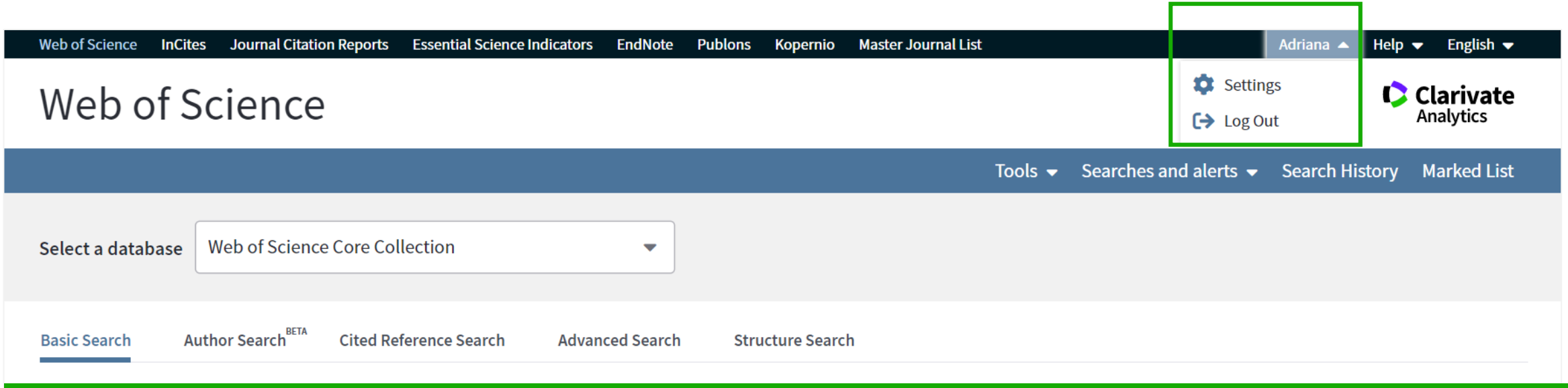
Smarter Discovery

Create your own Web of Science Account

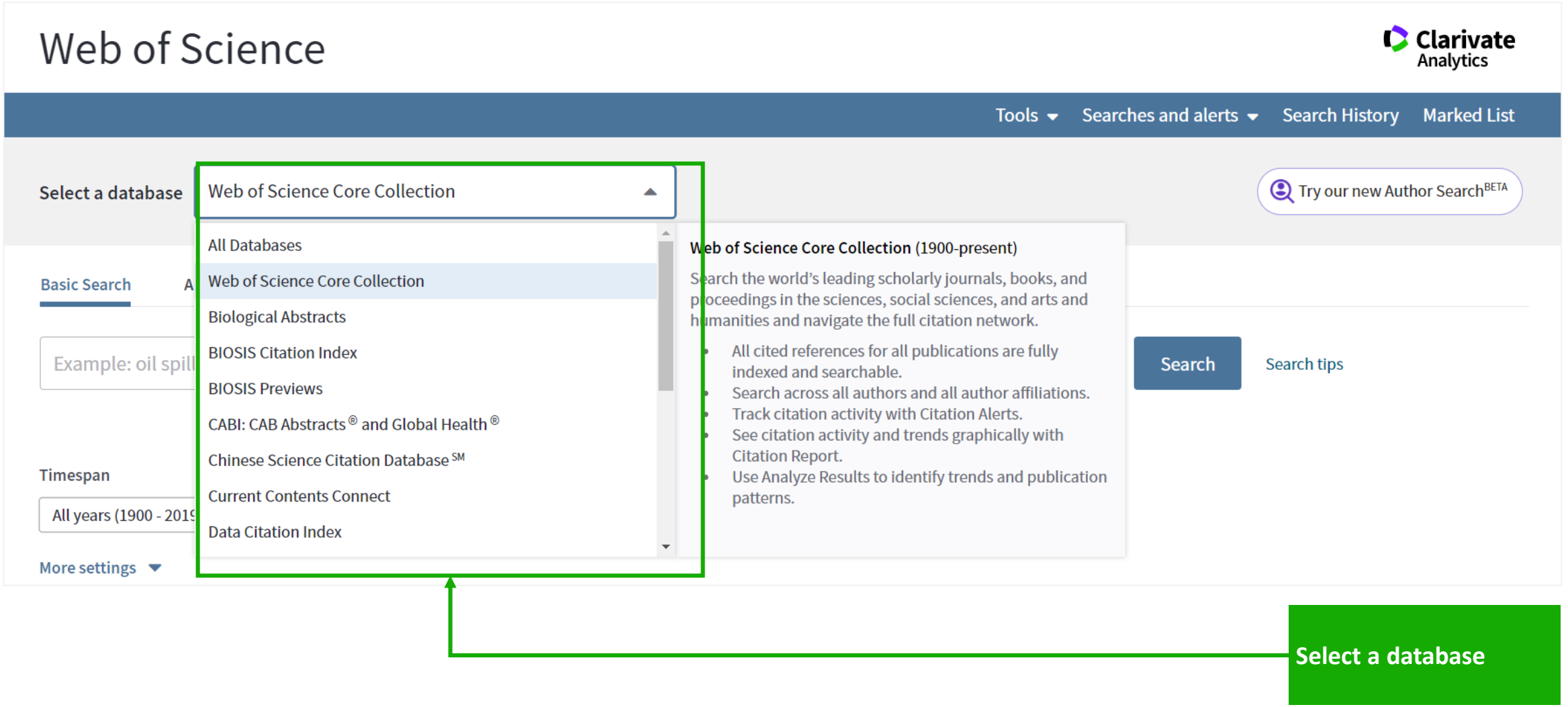


With your Web of Science account, you can:

- Automatically sign in every time you access Web of Science.
- Select a starting application, which will enable you to start your session in a specific database rather than on the Web of Science Core Collection page.
- Update your personal information including username and password.
- **Save searches** to the Web of Science server that can be opened later at any time.
- **Set up search history alerts**. The alert automatically searches the latest update to the database, and then sends the results by e-mail.
- **Set up citation alerts**, which notifies the user by e-mail whenever an article in the Citation Alerts list has been cited by a new article. Create and maintain custom journal lists and set up Table of Contents e-mail alerts.
- Add references to an **EndNote library** directly from Web of Science Core Collection and other Web of Science databases.

+ Anywhere/Anytime Access: you can access Web of Science from anywhere at any time using your Web of Science username and password.

Select a database



Search the Web of Science Core Collection

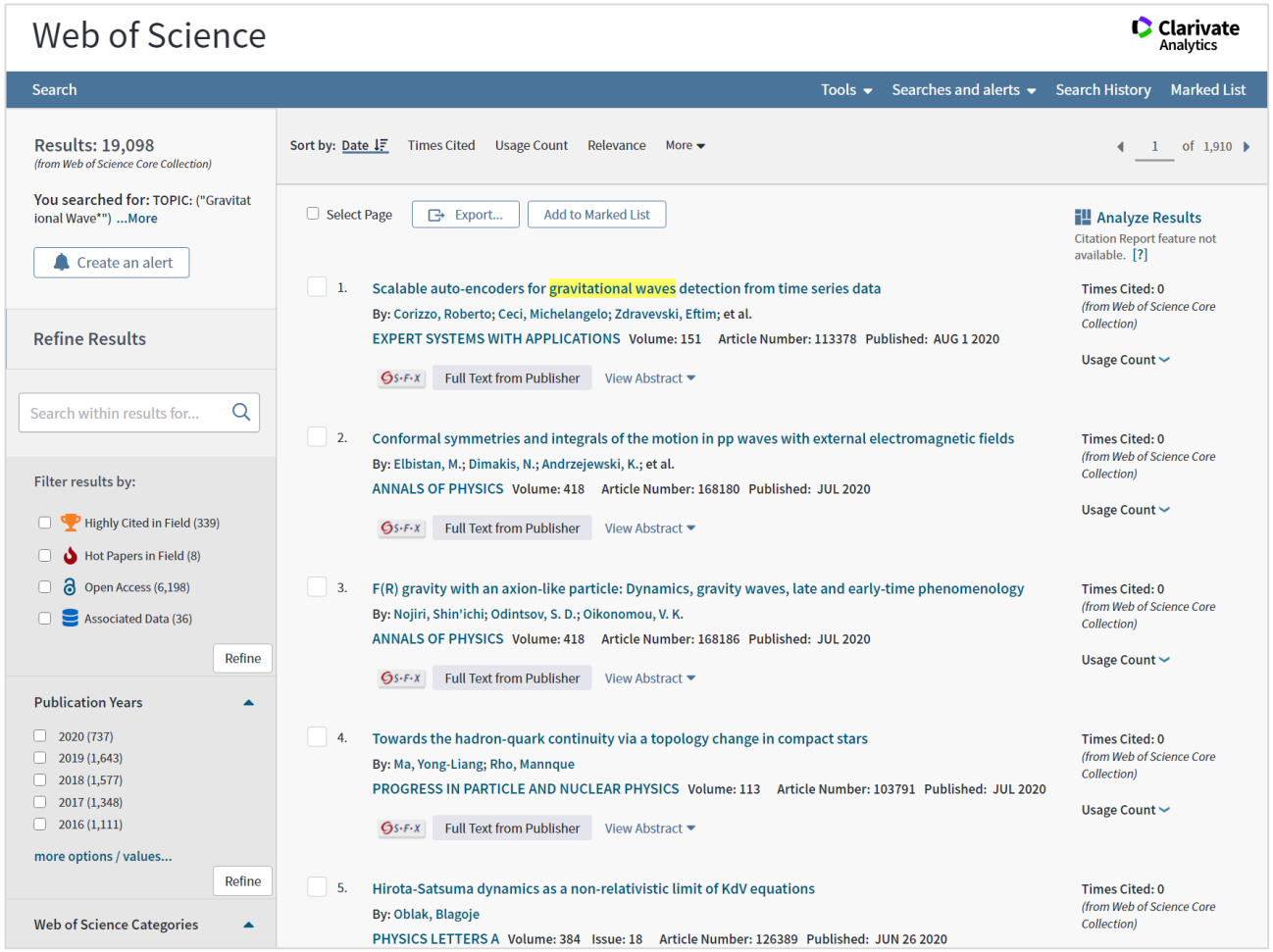
Search Web of Science to track ideas across disciplines and time from over 1.7 billion cited references from over 171 million records.

*With **Web of Science Core Collection** search the top journals, conference proceedings, and books in the sciences, social sciences, and arts and humanities to find the high quality research most relevant to your area of interest.*

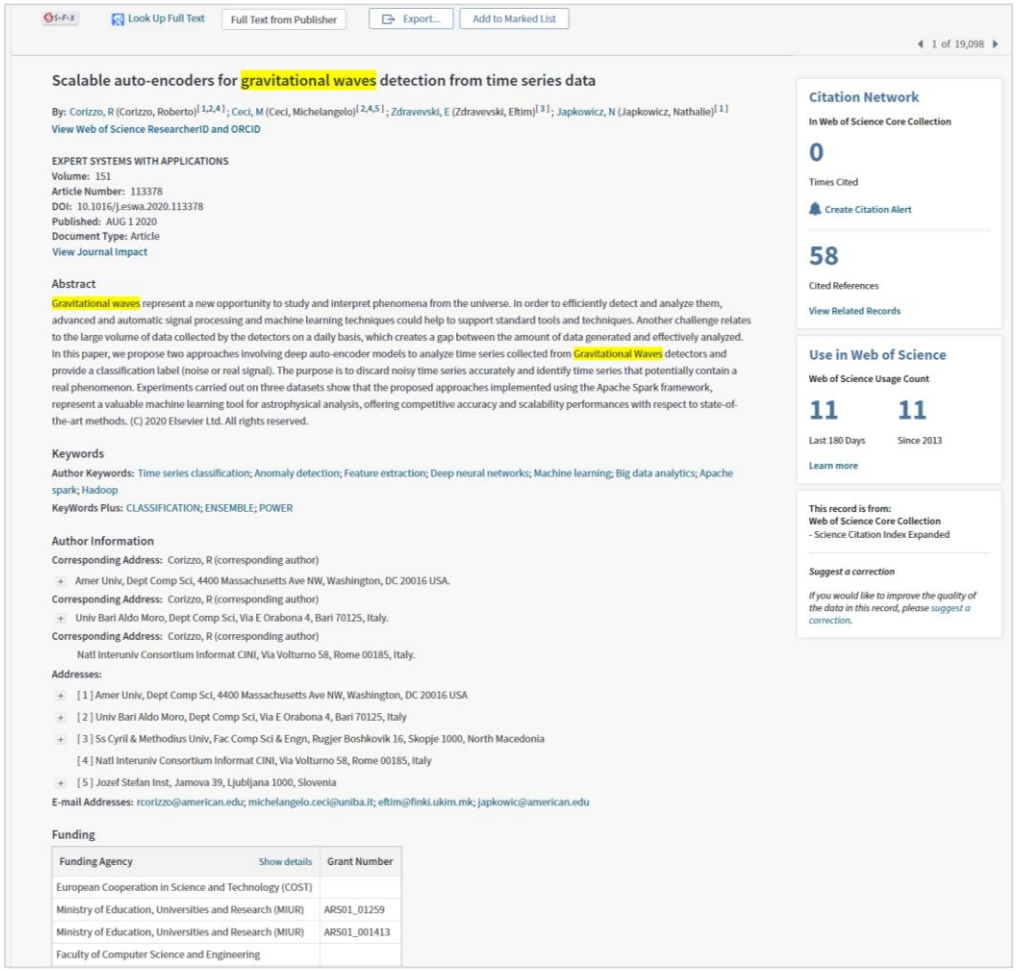
Search Rules →
Search Operators →
Sort Options →
Wildcards →

Search the Web of Science Core Collection

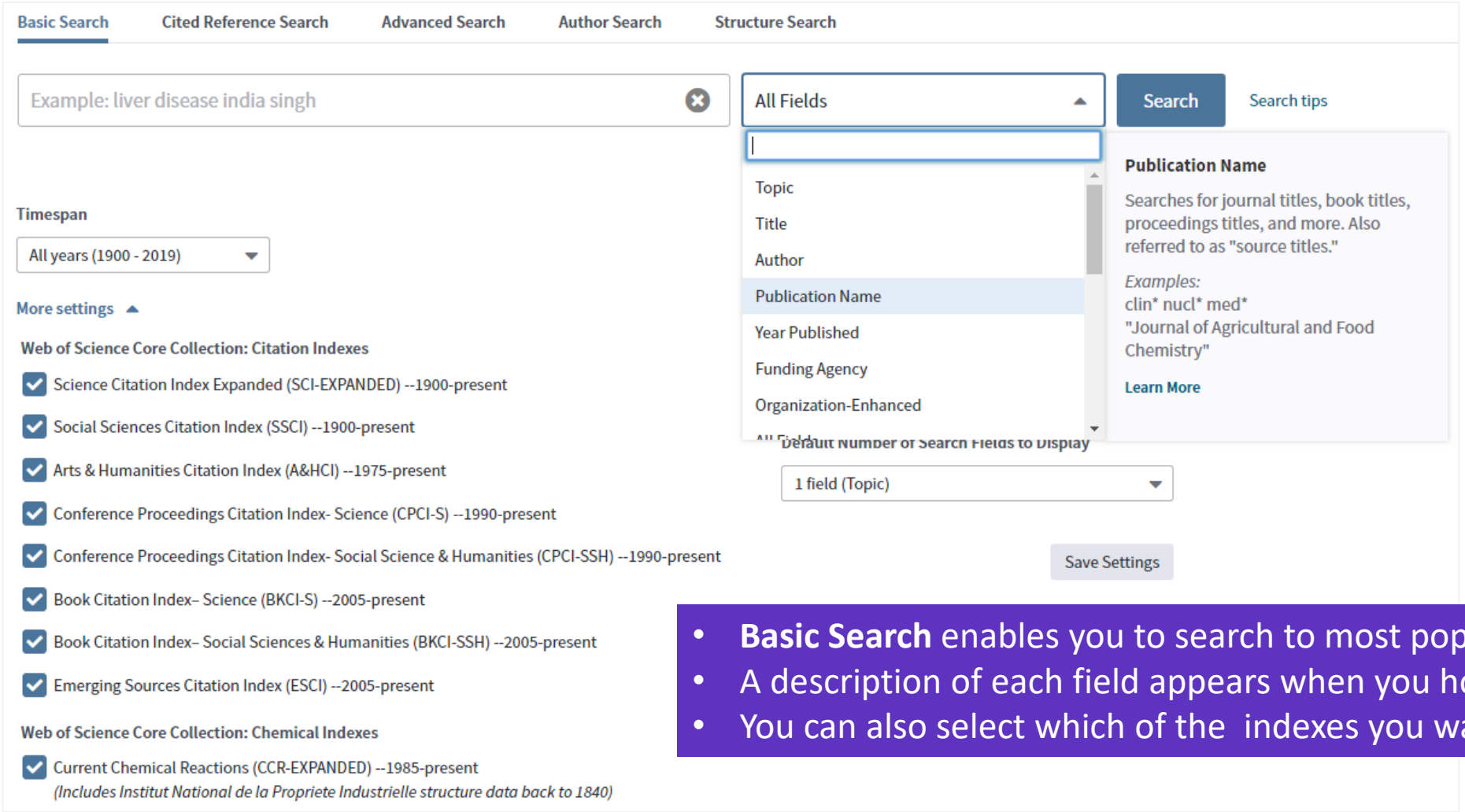
See the results of your search



View the full record

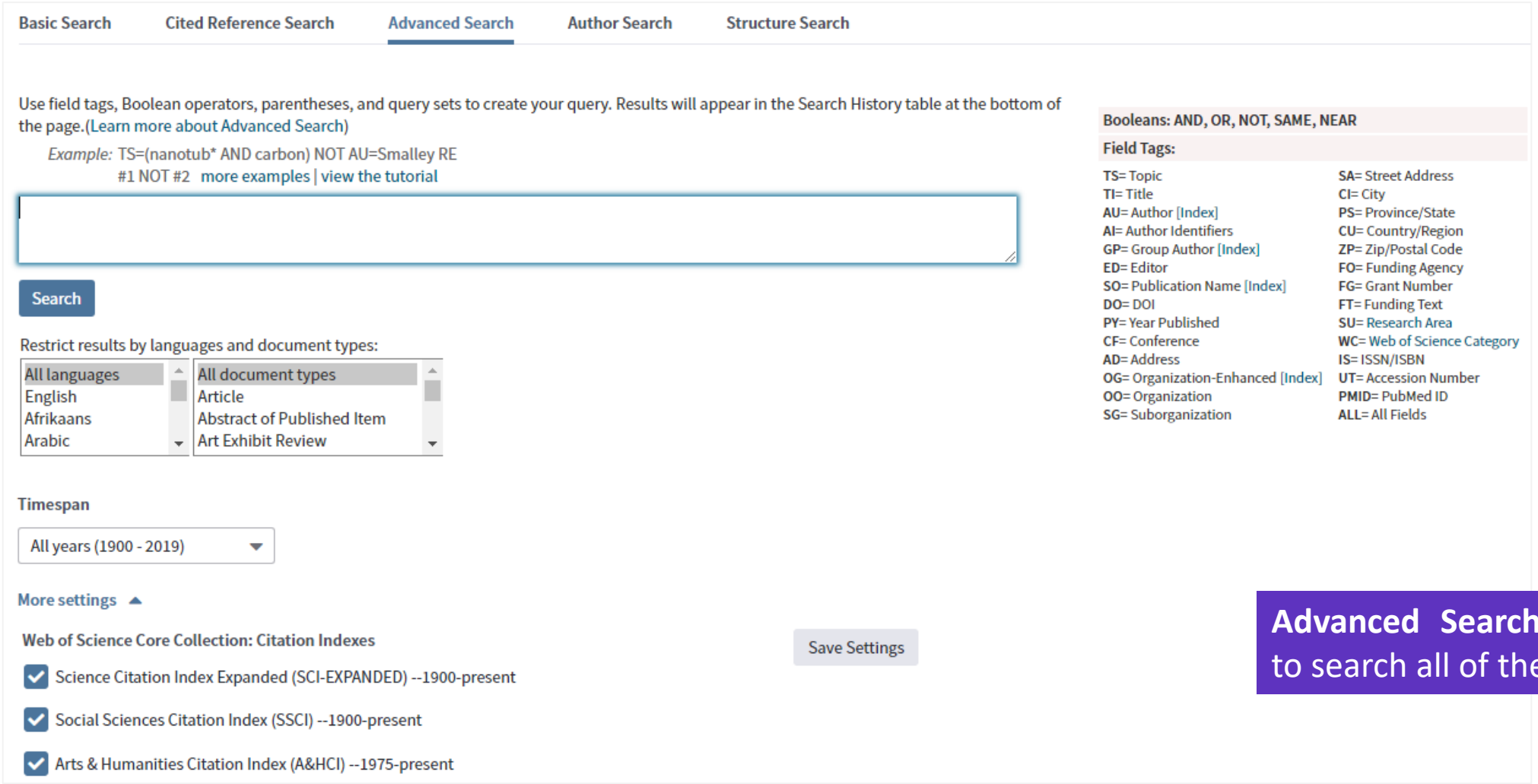


Basic Search



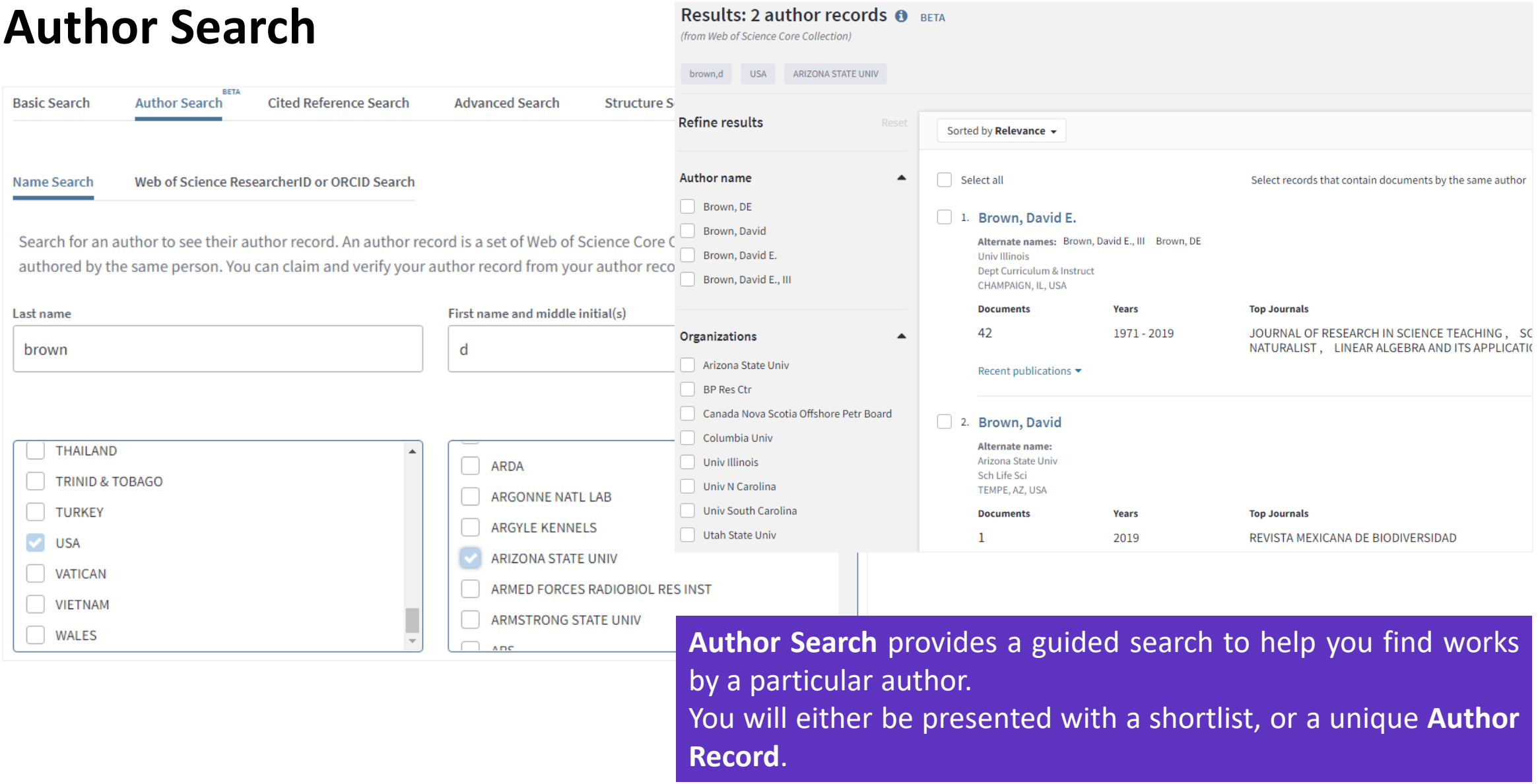
- **Basic Search** enables you to search to most popular fields.
- A description of each field appears when you hover over it in the list.
- You can also select which of the indexes you want to search.

Advanced Search



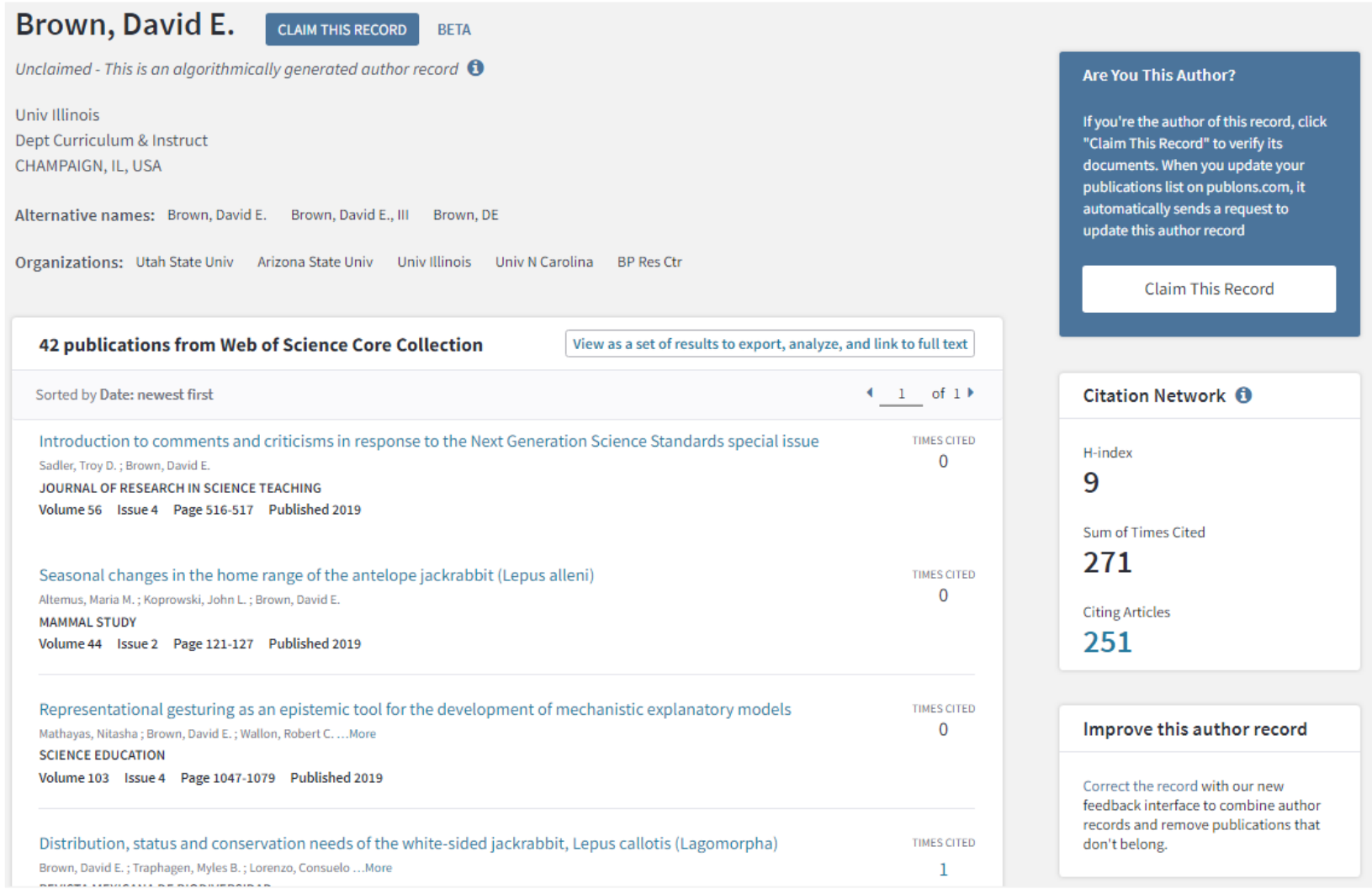
Advanced Search enables you to search all of the fields.

Author Search



Author Search provides a guided search to help you find works by a particular author.
You will either be presented with a shortlist, or a unique **Author Record**.

Author Record

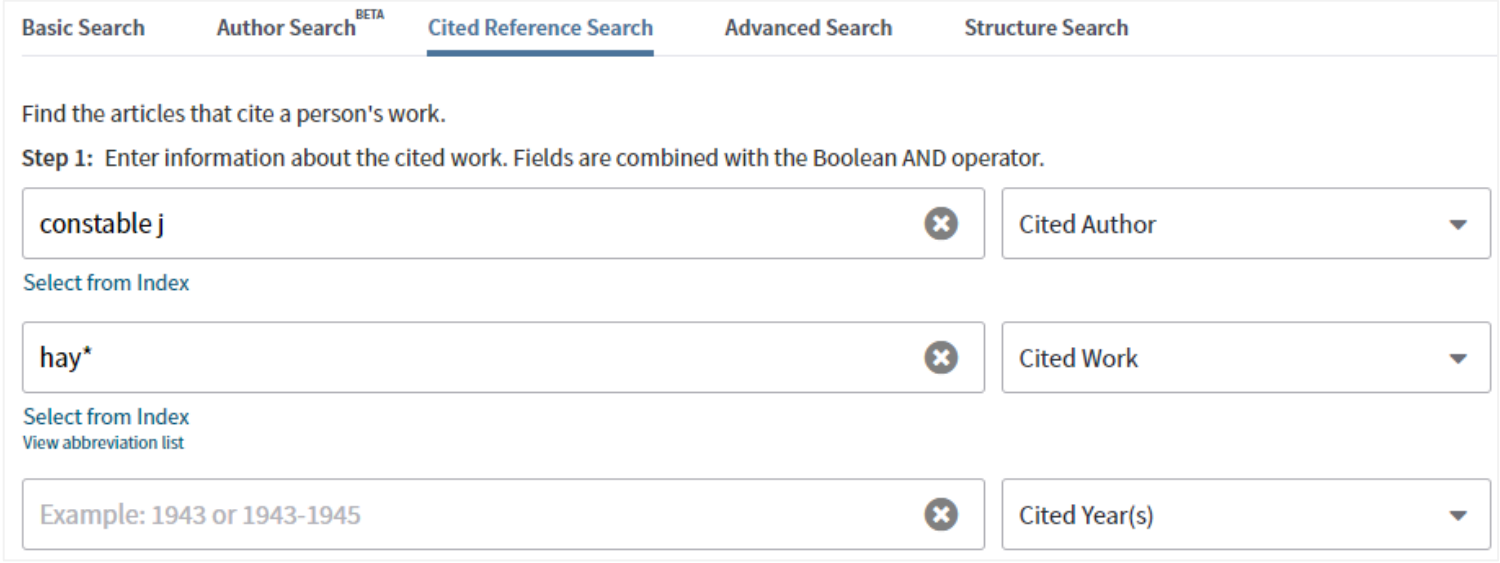


The **Author Record** shows details about the author, enabling you to check it is the correct one. It shows their publications that appear in the Web of Science and it provides citation information.

If the **Author Record** has been 'Claimed' by the author, they have the ability make sure it shows the correct information.

If it has not been claimed, the record is maintained by an algorithm and the information may not be 100% correct.

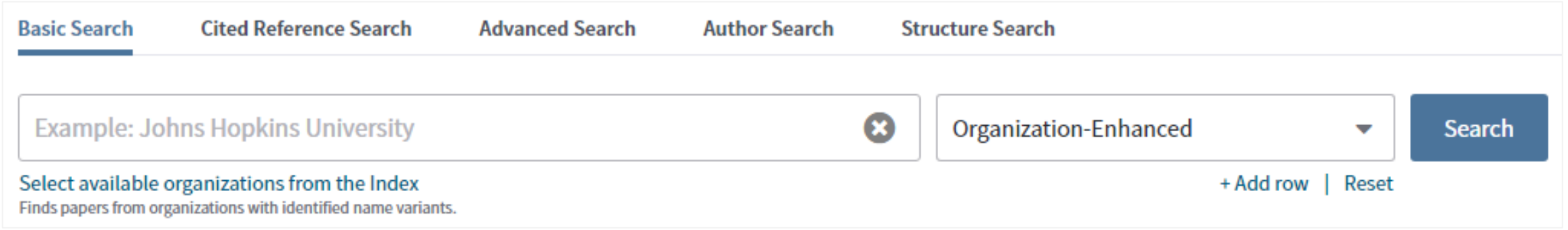
Cited Reference Search

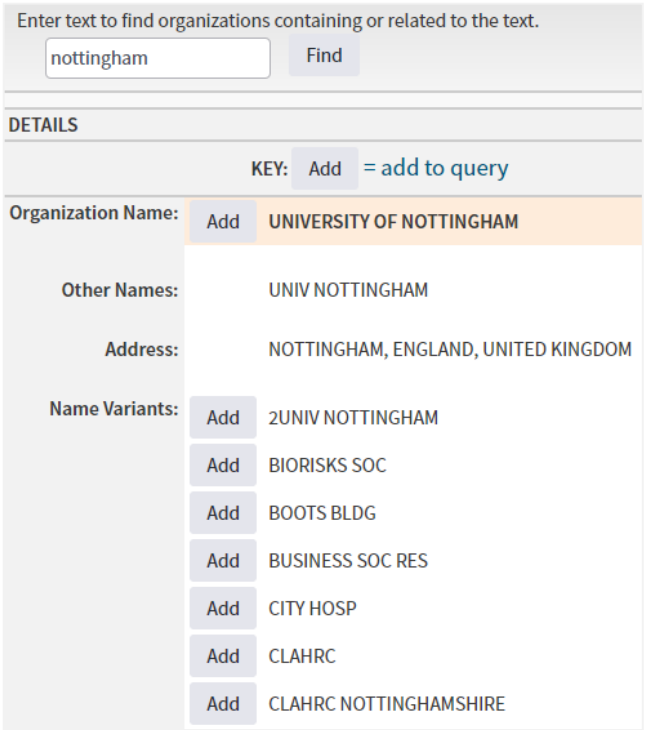


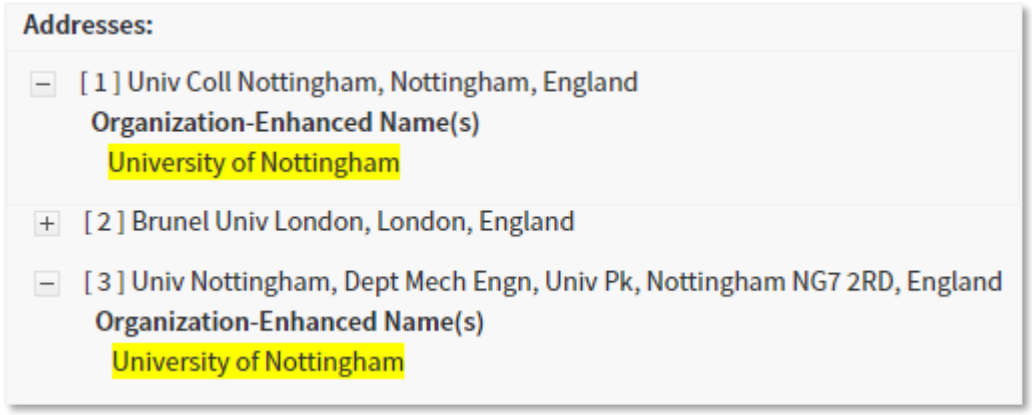
Cited Reference Search can find all occurrences of an entity being cited, even if the entity itself is not in the Web of Science. It can also help establish more accurate citation counts.

Cited Author	Cited Work [Expand Titles]	Title [Expand Titles]	Early Access Year ***	Year	Volume	Issue	Page	Identifier	Citing Articles **
CONSTABLE J	HAY WAIN			1821					9
CONSTABLE J	HAY WAIN				ILL				3
CONSTABLE J	HAYWAIN								1

Organization-Enhanced





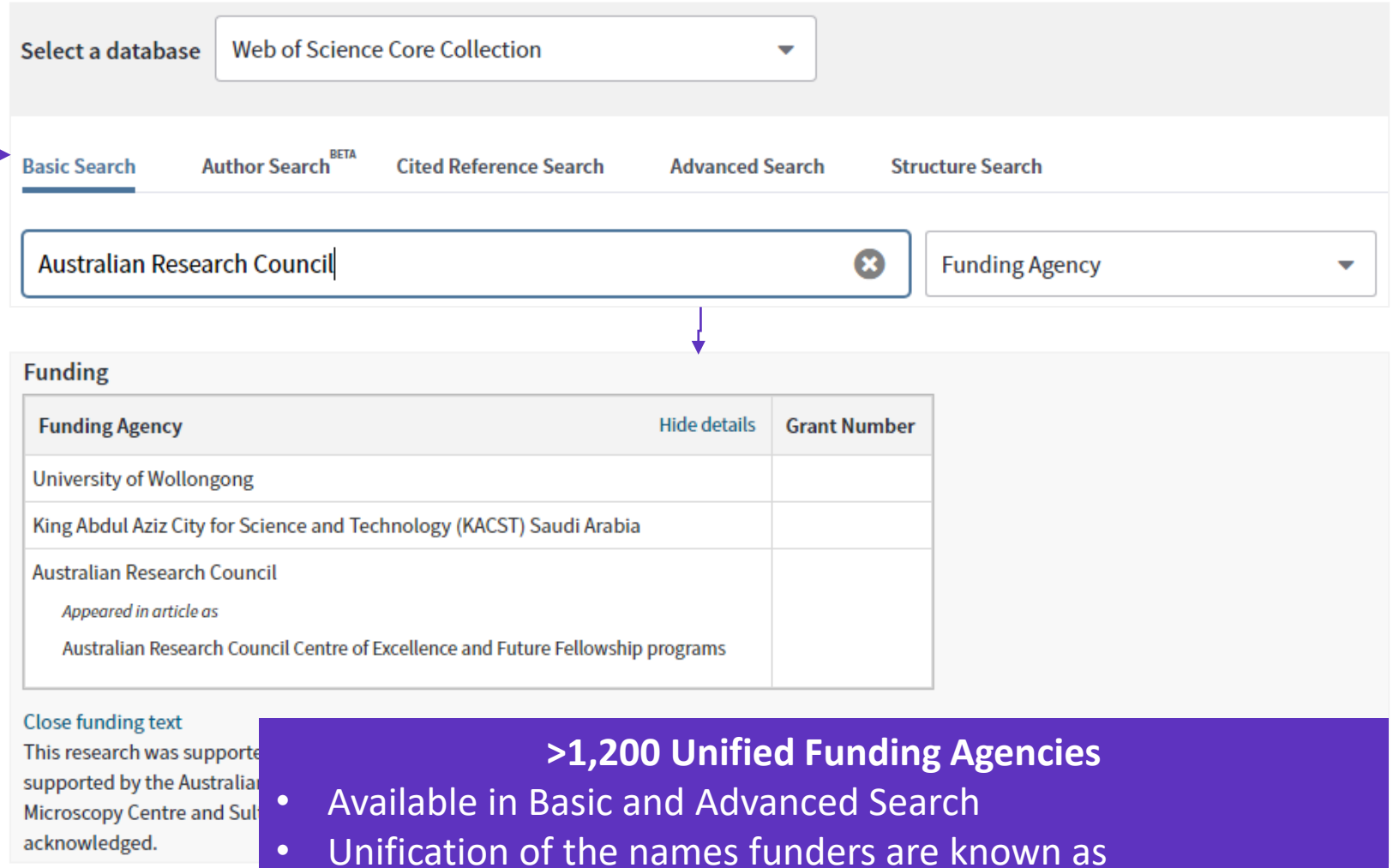


Organization-Enhanced

- Available in Basic and Advanced Search
- Unification of the names organisations are known as
- Ensure all their publications are found when searching.

Funding Agencies

- Asahi Kasei Corp.
- Askeri Hastaneler
- Assiut University
- Association Francaise contre les Myopathies
- Association for the Progress of New Chemistry
- Associazione Italiana per la Ricerca sul Cancro (AIRC)
- Astellas Pharmaceuticals
- AstraZeneca
- Ataturk University
- Atilim University
- Australian Aid (AusAID)
- Australian Ctr Intl Agr Res
- Australian Eggs
- Australian Government
- Australian Grape and Wine Authority
- Australian Inst Nuc Sci and Eng (AINSIE)
- Australian Livestock Export Corporation Ltd (LiveCorp)
- Australian Meat Processor Corp
- Australian National University
- Australian Pork Limited
- Australian Renewable Energy Agency (ARENA)
- Australian Research Council
- Australian Wool Innovation
- Austrian Science Fund (FWF)
- Autistica
- Azerbaijan National Academy of Sciences (ANAS)
- Azerbaijan National Science Foundation (ANSF)
- Bahcesehir University
- Bakirkoy Dr. Sadi Konuk Research & Training Hospital
- Baku State University
- Balikesir University
- Banyu Life Science Foundation International
- Bartin University
- Baskent University
- Basque Government
- Batman University
- Bayer AG
- Bayer Healthcare Pharmaceuticals
- Beijing Municipal Commission of Education
- Beijing Municipal Science & Technology Commission
- Beijing Natural Science Foundation
- Beijing University of Chemical Technology
- Belediyeler
- Belgian Federal Science Policy Office



>1,200 Unified Funding Agencies

- Available in Basic and Advanced Search
- Unification of the names funders are known as
- Ensure all their publications are found when searching.

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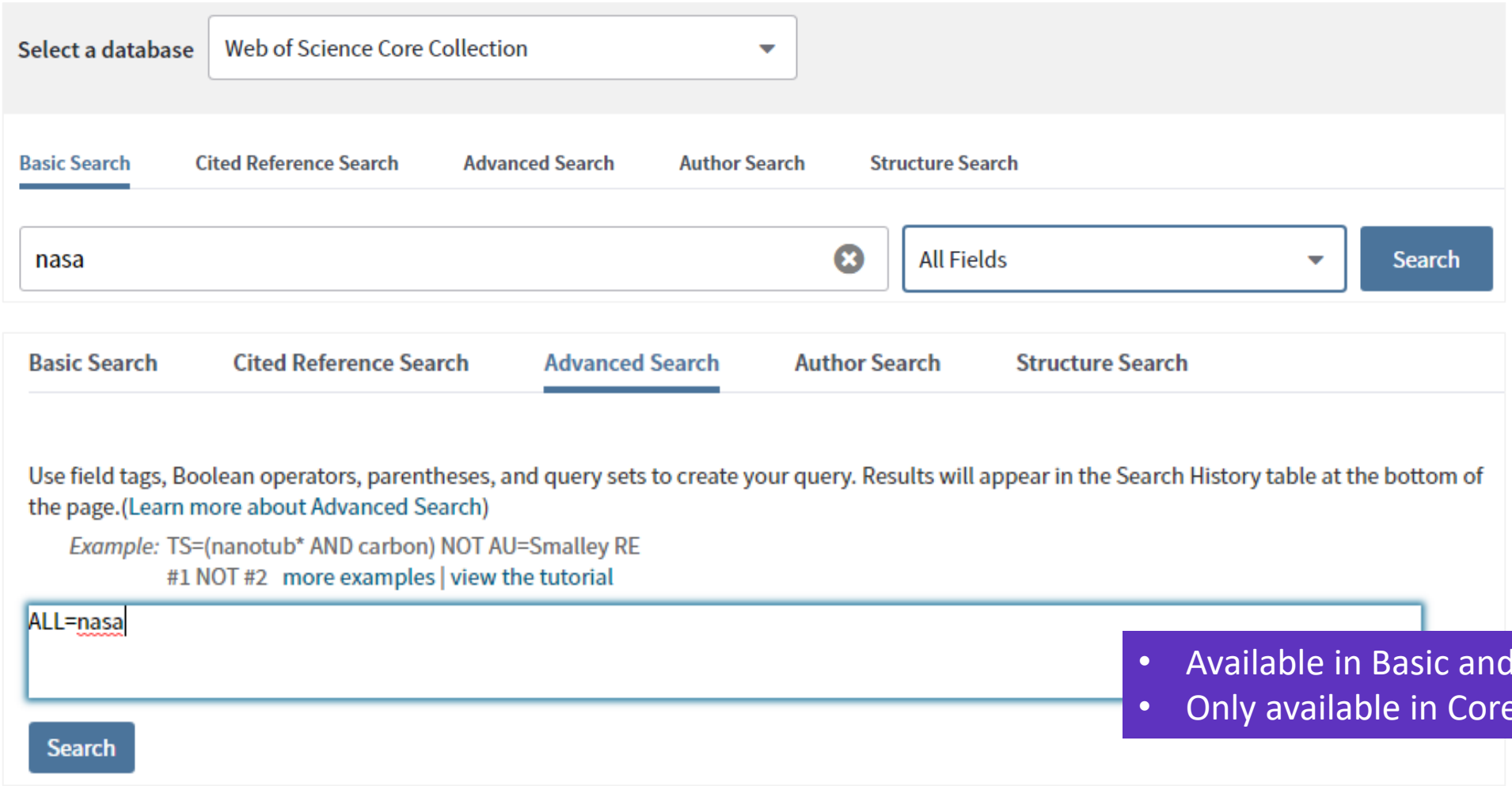
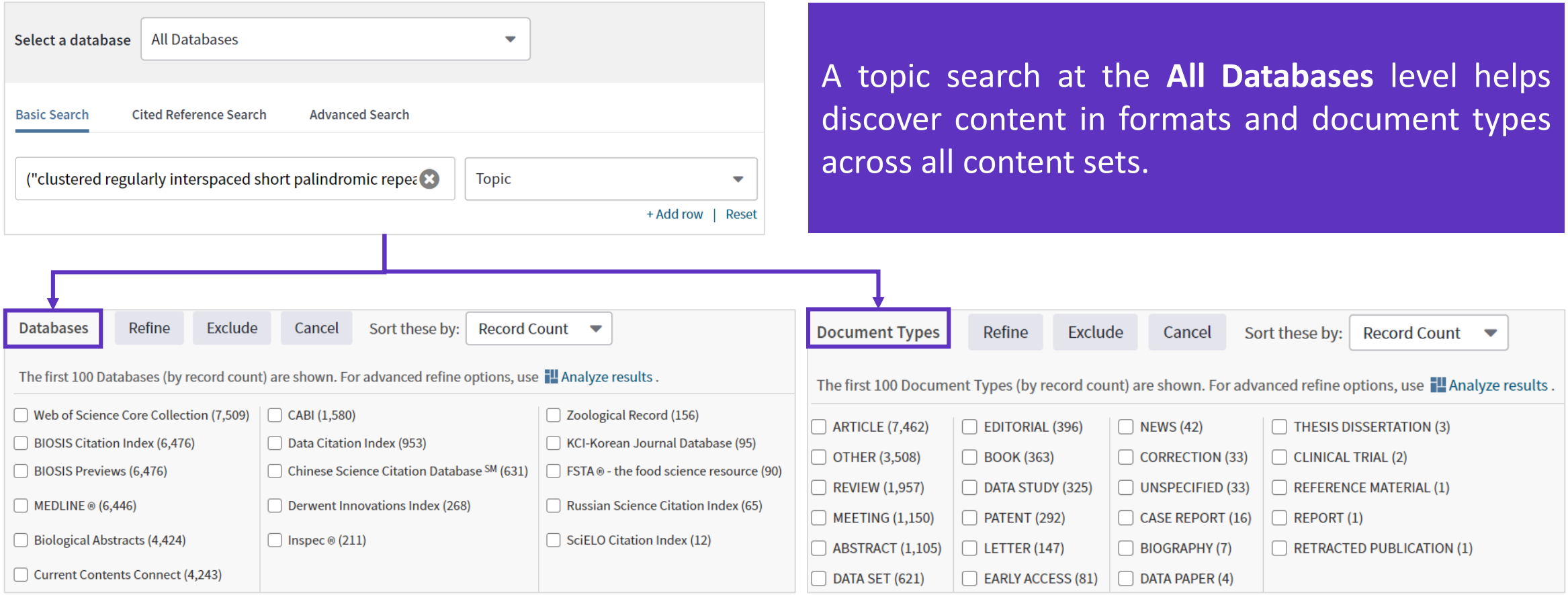
All Fields Search



- Available in Basic and Advanced Search
- Only available in Core Collection

All Databases Search

For the most comprehensive results, search across all subscribed resources



A topic search at the **All Databases** level helps discover content in formats and document types across all content sets.

Value of accessing more databases through Web of Science

1. Each publication/record is fully integrated in the Web of Science Citation universe. All records get a *Times cited* count and a *Usage Count*, unique to the Web of Science. **Citation analysis** can be run on the each database content.

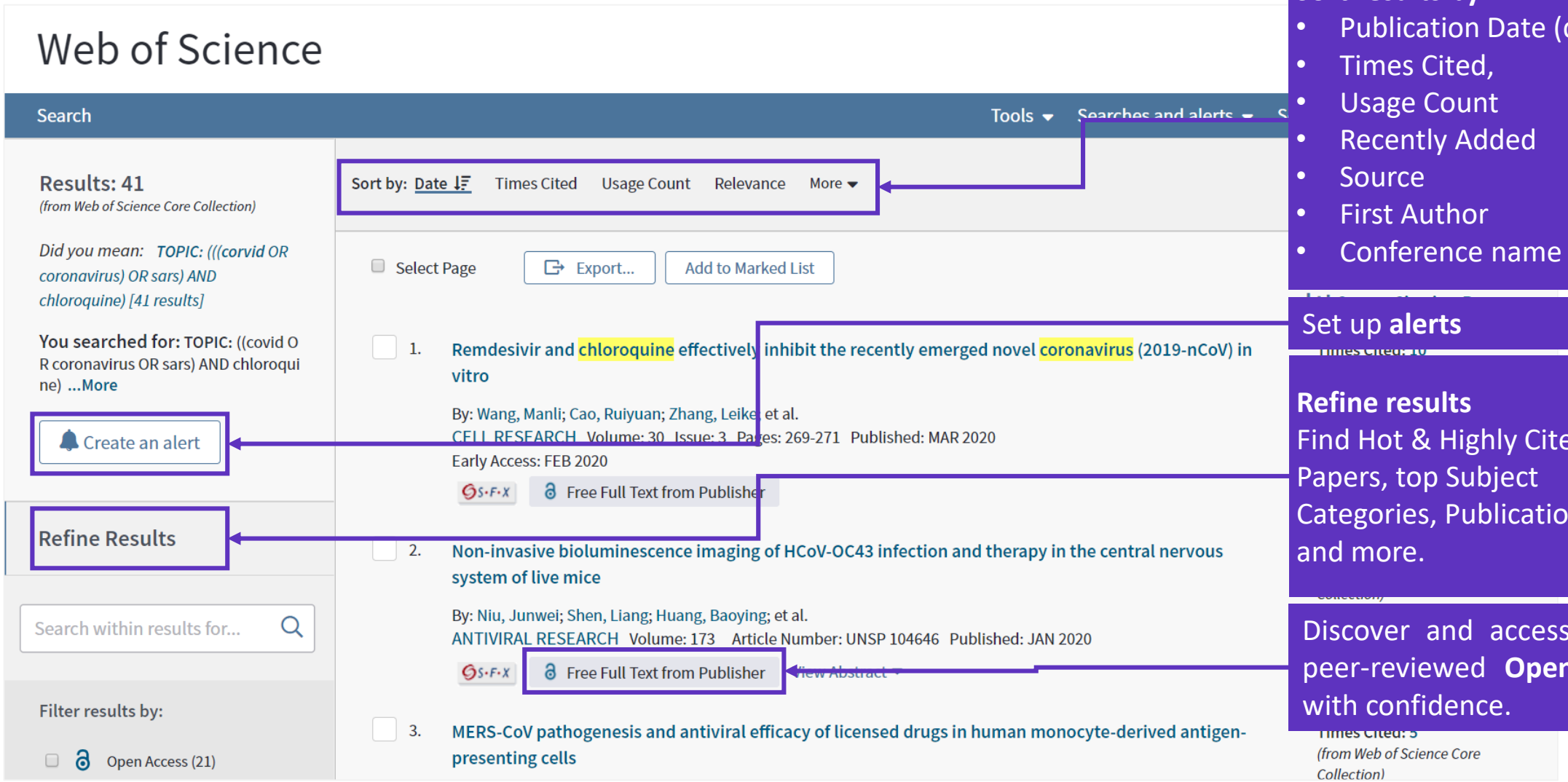
2. **Highly Cited Papers** (top 1%) and **Hot Papers** can be identified within other databases, when they are also indexed in the Web of Science Core Collection.

3. **Open Access** content in Web of Science is identified by making use of the ImpactStory Unpaywall algorithm, running across the whole platform content, using DOI data, and providing free full text linking.

4. Our tools - **Publons, Endnote** and **Kopernio** - are always integrated in each database.

5. Each database metadata is merged and combined. This provides a very **powerful and unique multi-Databases search**, allowing for the retrieval of more publications. A common category scheme has also been created for better filtering/refining.

Filtering Tools



Sort results by:

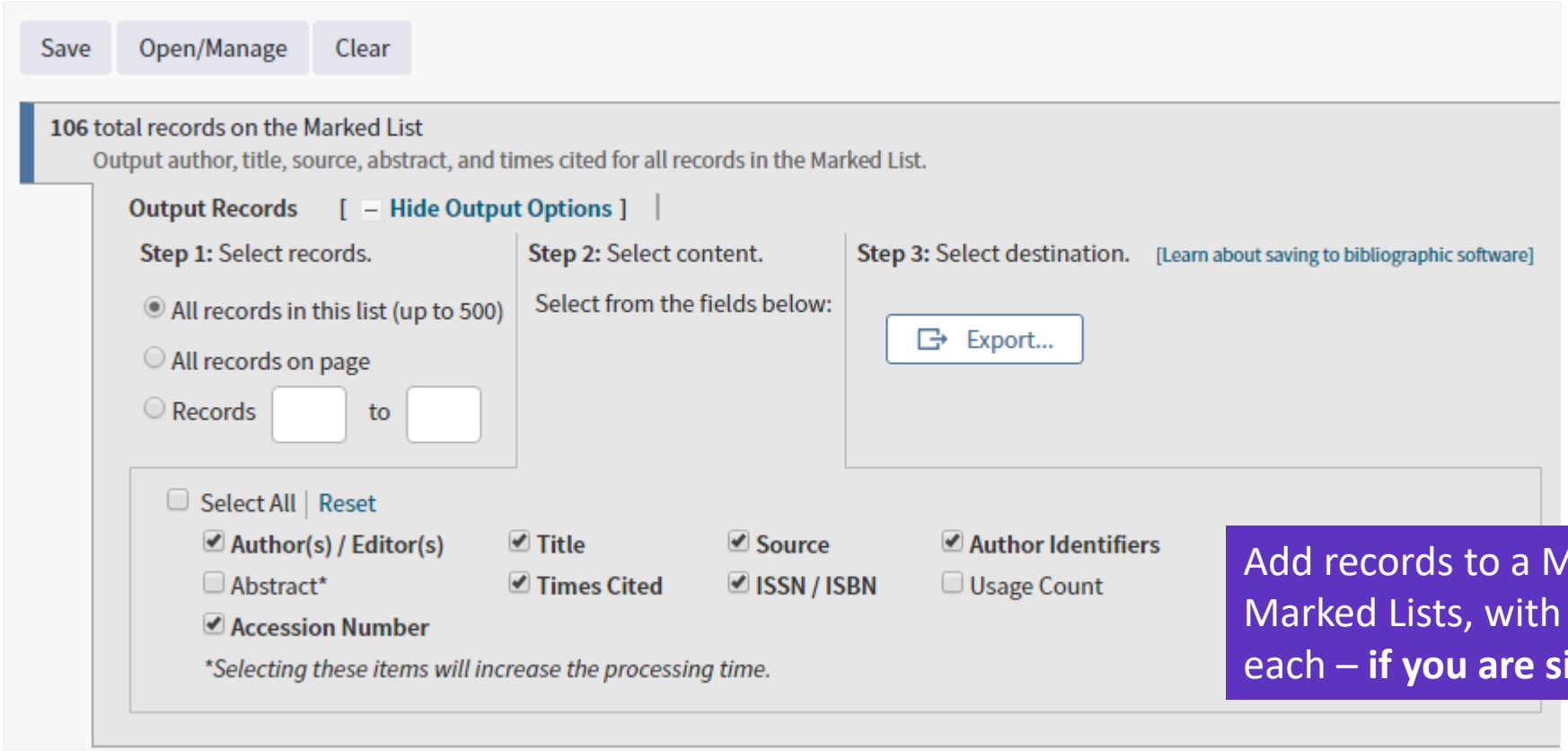
- Publication Date (default)
- Times Cited,
- Usage Count
- Recently Added
- Source
- First Author
- Conference name

Set up **alerts**

Refine results
Find Hot & Highly Cited Papers, top Subject Categories, Publication Years, and more.

Discover and access trusted peer-reviewed **Open Access** with confidence.

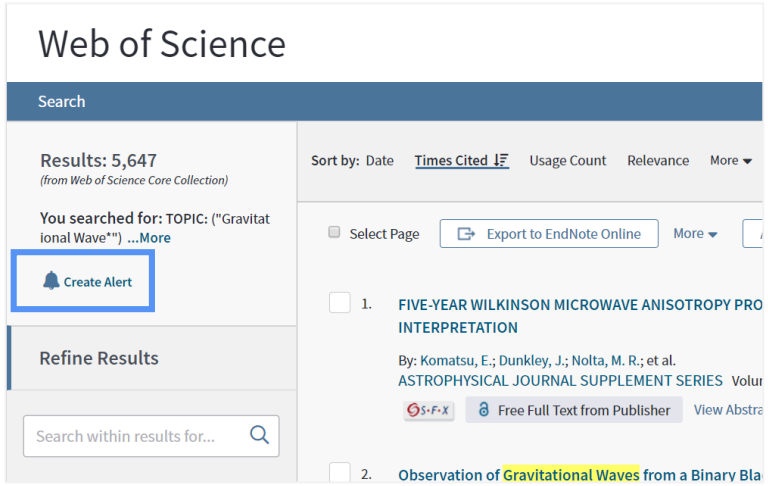
Marked Lists



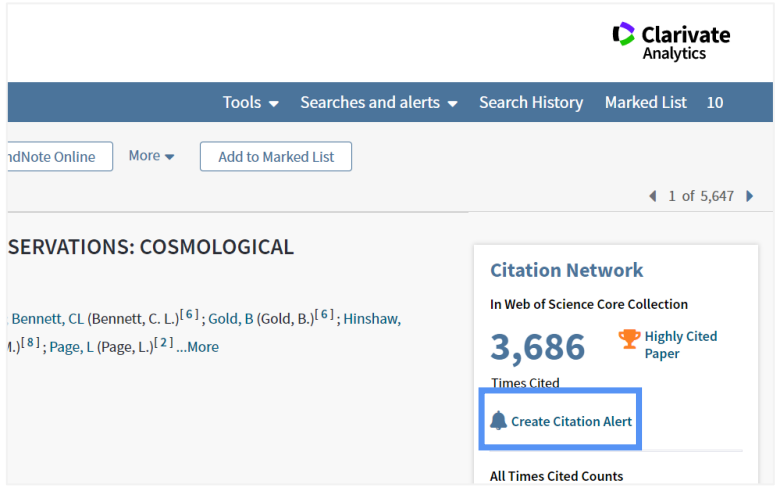
Add records to a Marked List and Save up to 50 Marked Lists, with up to 50,000 records in each – **if you are signed in**.

Saved Searches and Alerts

SEARCH ALERT



CITATION ALERT



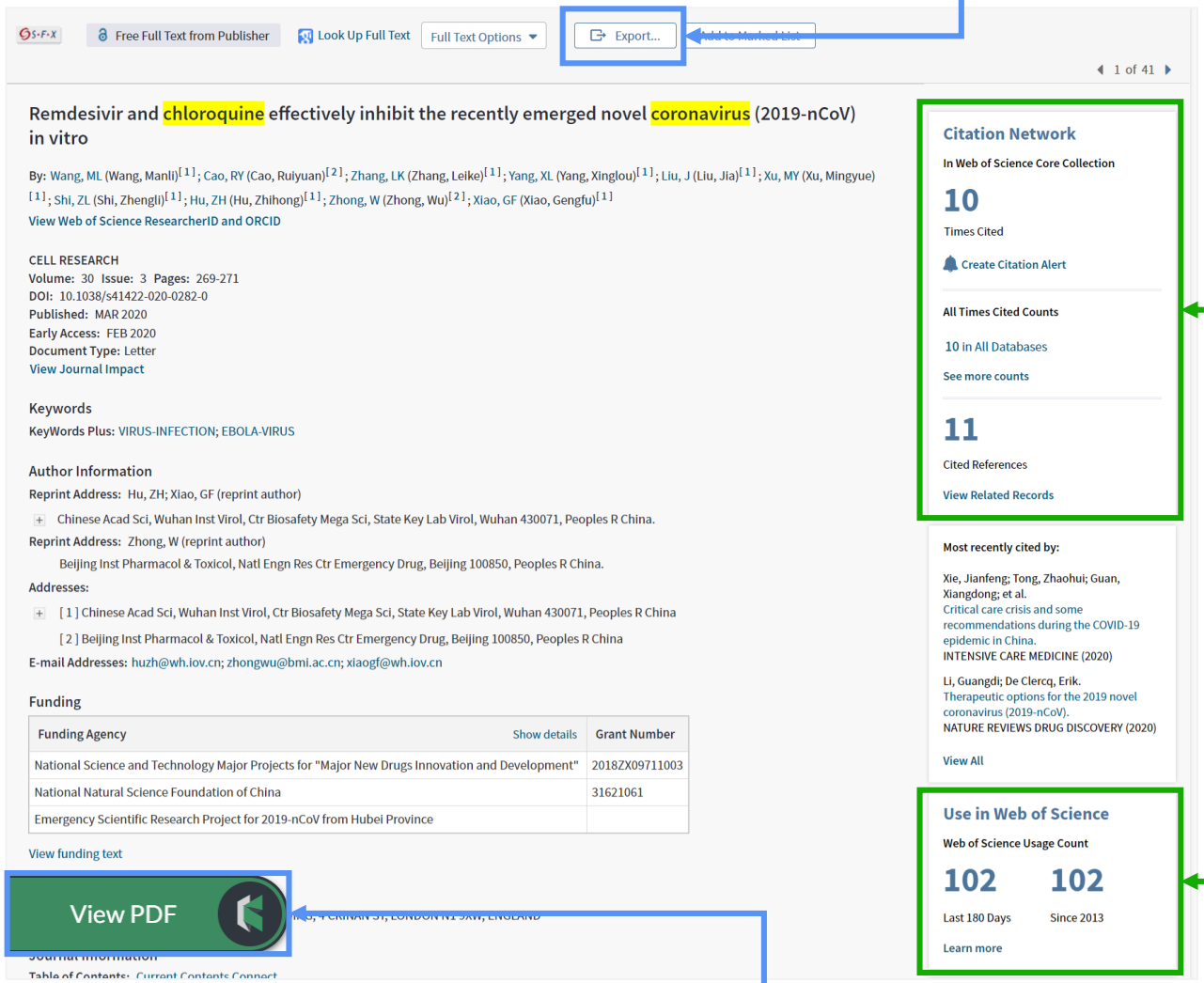
JOURNAL ALERT

If you are **signed in**, you can save your searches to come back to later. These search strategies can also be used as Alerts.
Alerts can also be set up for:

- new publications citing a particular record
- the table of contents of a new journal issue

Analysis to Identify Collaborators, Funders and Key Works

Full Record



Output Record: Print, E-Mail, Save to Endnote Online, Save to EndNote Desktop, Save to FECYT-CVN, Save to InCites, Save to Other File Formats, Save to RefWorks, Save to RD File, Save to SD File

Navigate the citation network to find more relevant results

The **Cited References** count displays the number of documents cited by the current record. Click the link to view the list of cited references. From there you can view the full record of each cited reference. (Access to the full records of cited references may be limited to your institution's subscription.)

The **Times Cited** count is the number of articles in the database that cite the current article. Click the number to go to the list of citing articles.

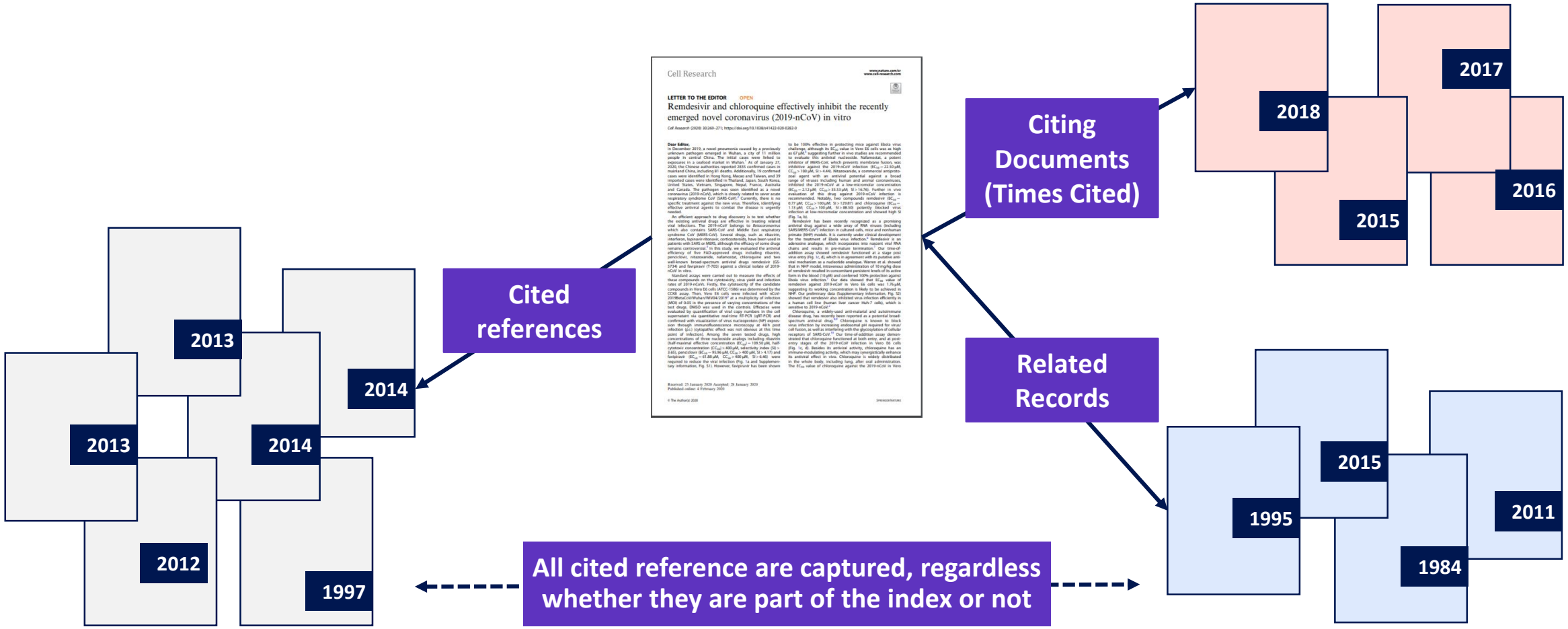
The **Usage Count** is a measure of the level of interest in a specific item on the Web of Science platform.

The count reflects the number of times the article has met a user's information needs as demonstrated by clicking links to the full-length article at the publisher's website (via direct link or Open-Url) or by saving the article for use in a bibliographic management tool (via direct export or in a format to be imported later).

Access and store the full-text PDF with the free **Kopernio** browser plugin.

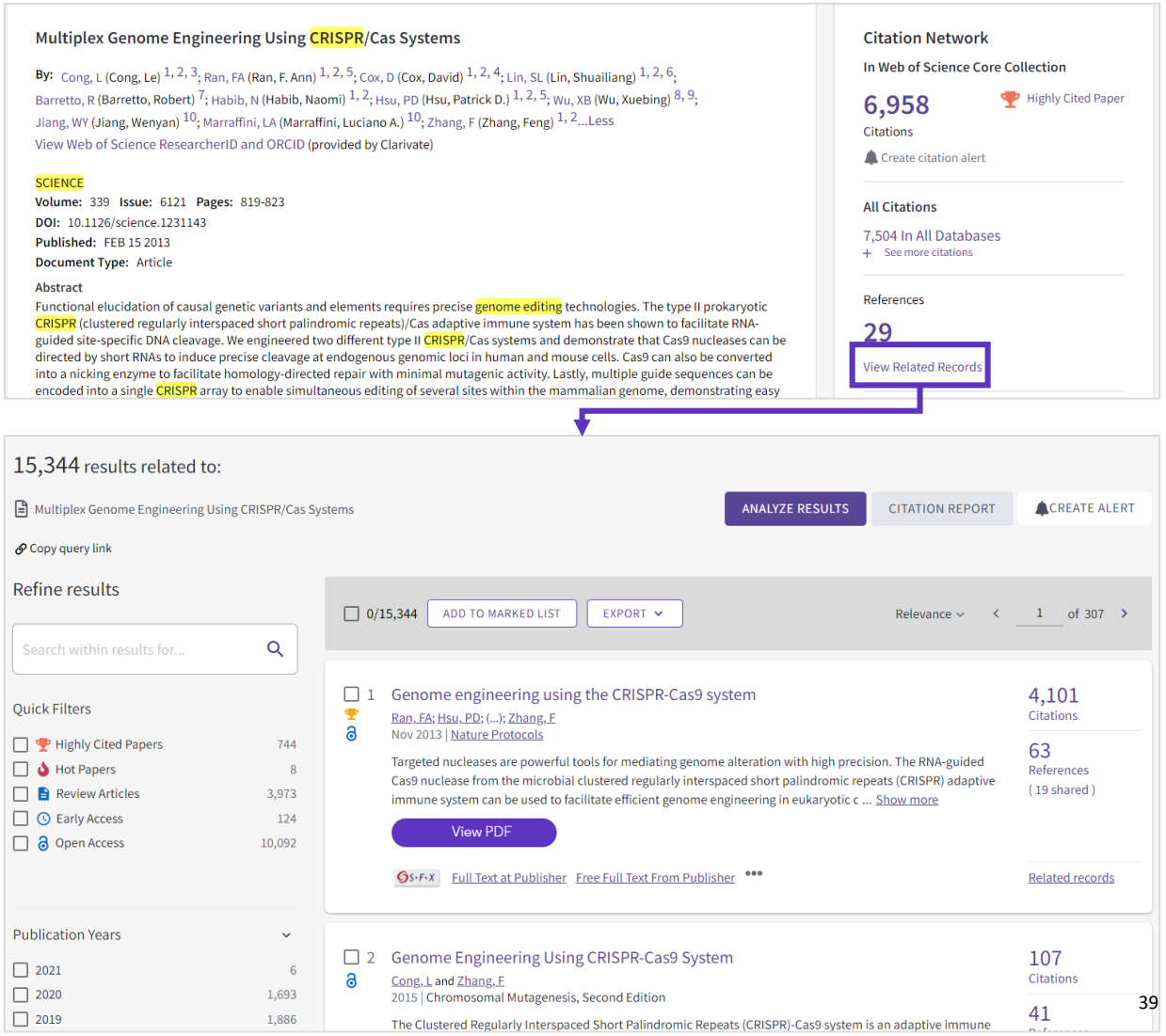
Clarivate™

The Citation Network

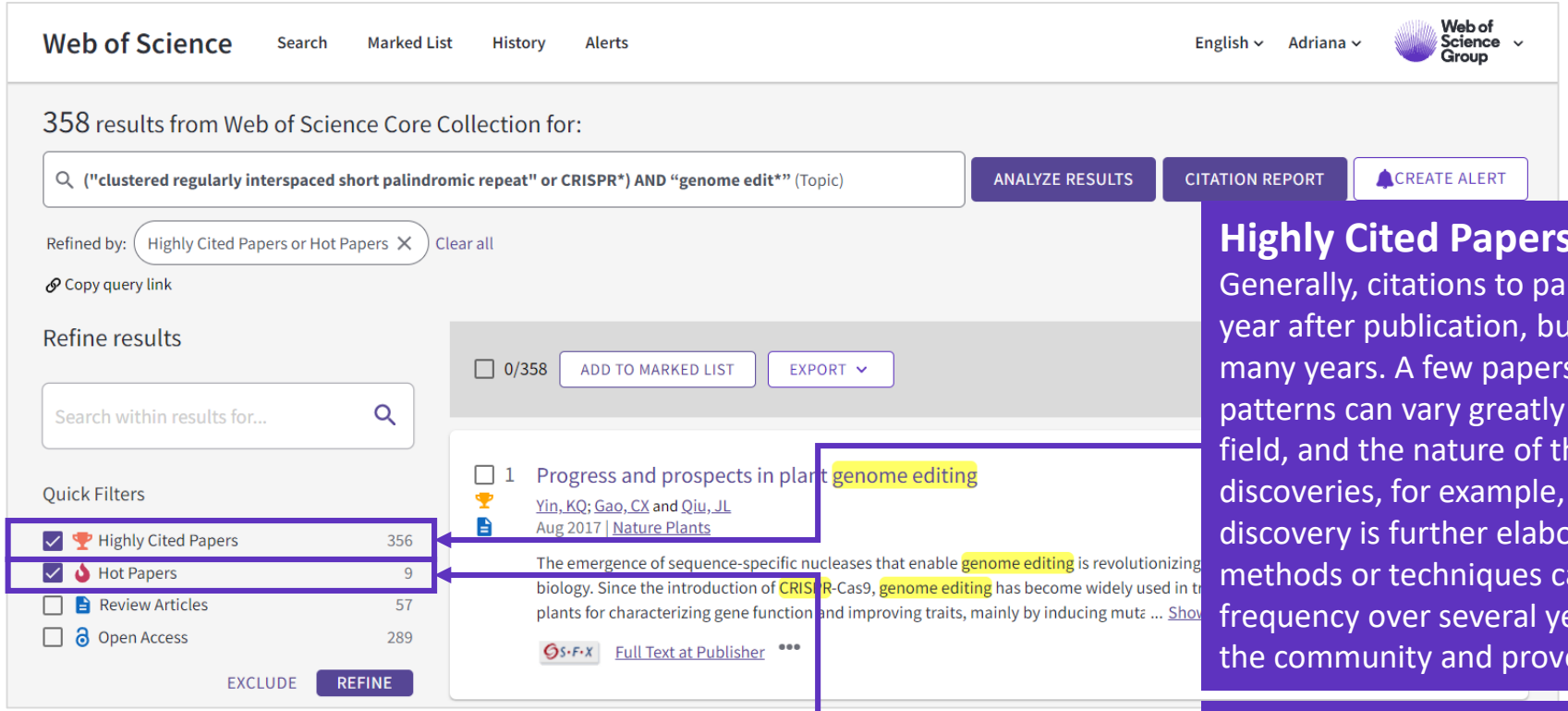


Discover Related Records

View a **list of records that cite at least one document cited by the parent record** identified. Related Records are ranked according to the number of references they share with the parent record. The assumption behind Related Records searching is that articles that cite the same works have a subject relationship, regardless of whether their titles, abstracts, or keywords contain the same terms. The more cited references two articles share, the closer the subject relationship.



Identify Top Papers



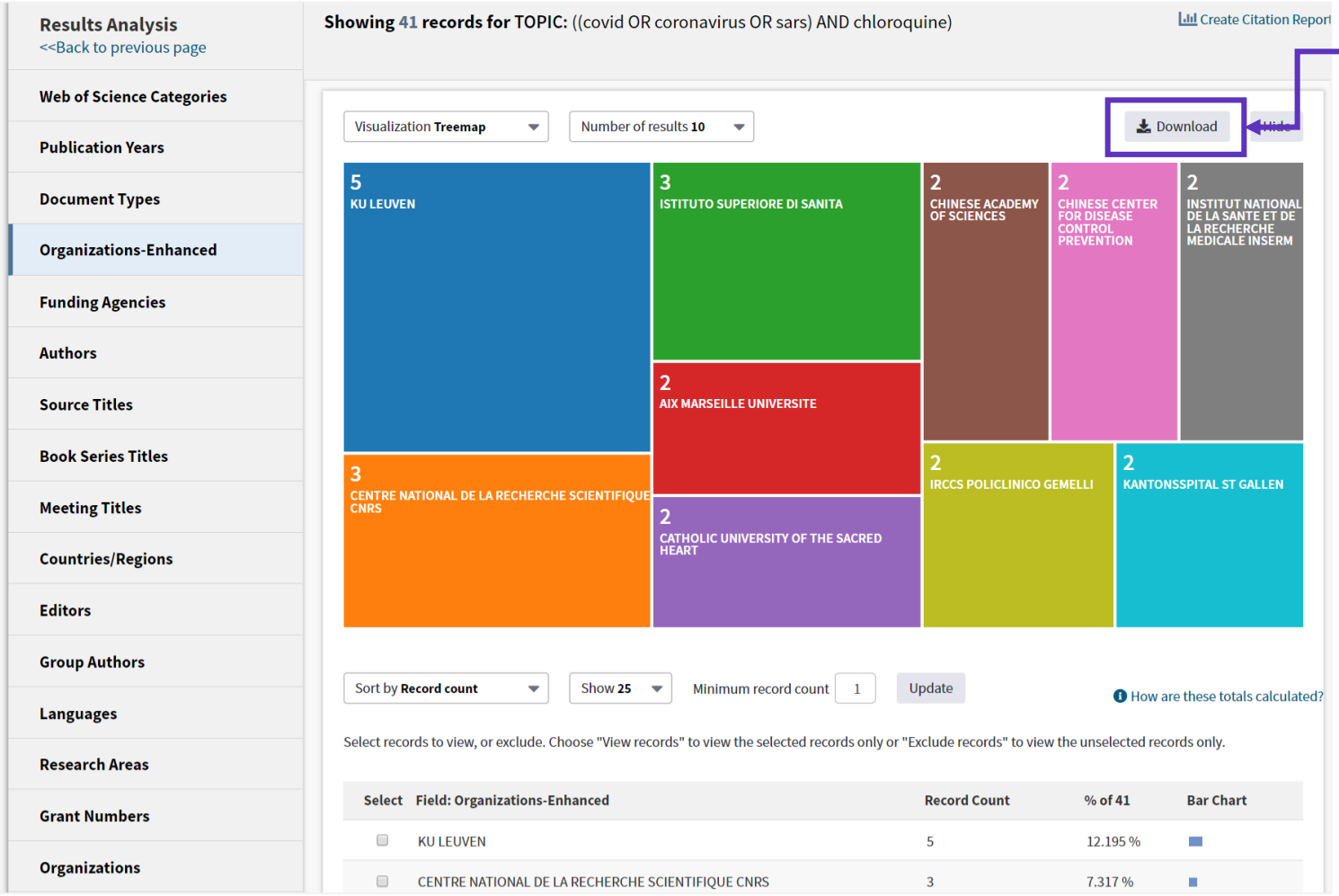
Highly Cited Papers

Generally, citations to papers peak in the second, third, or fourth year after publication, but some papers continue to be cited for many years. A few papers can exhibit delayed recognition. The patterns can vary greatly depending on the type of paper, the field, and the nature of the finding reported. Papers reporting discoveries, for example, can rise quickly and then fall as the discovery is further elaborated in other articles. Papers reporting methods or techniques can gradually increase in citation frequency over several years as the methods diffuse throughout the community and prove their utility.

Hot Papers

Papers generally reach their citation peak two, three, or four years after publication. A small group of papers, however, are recognized very soon after publication, reflected by rapid and significant numbers of citations. These papers are often key papers in their fields and are referred to as hot papers.

Analyze results



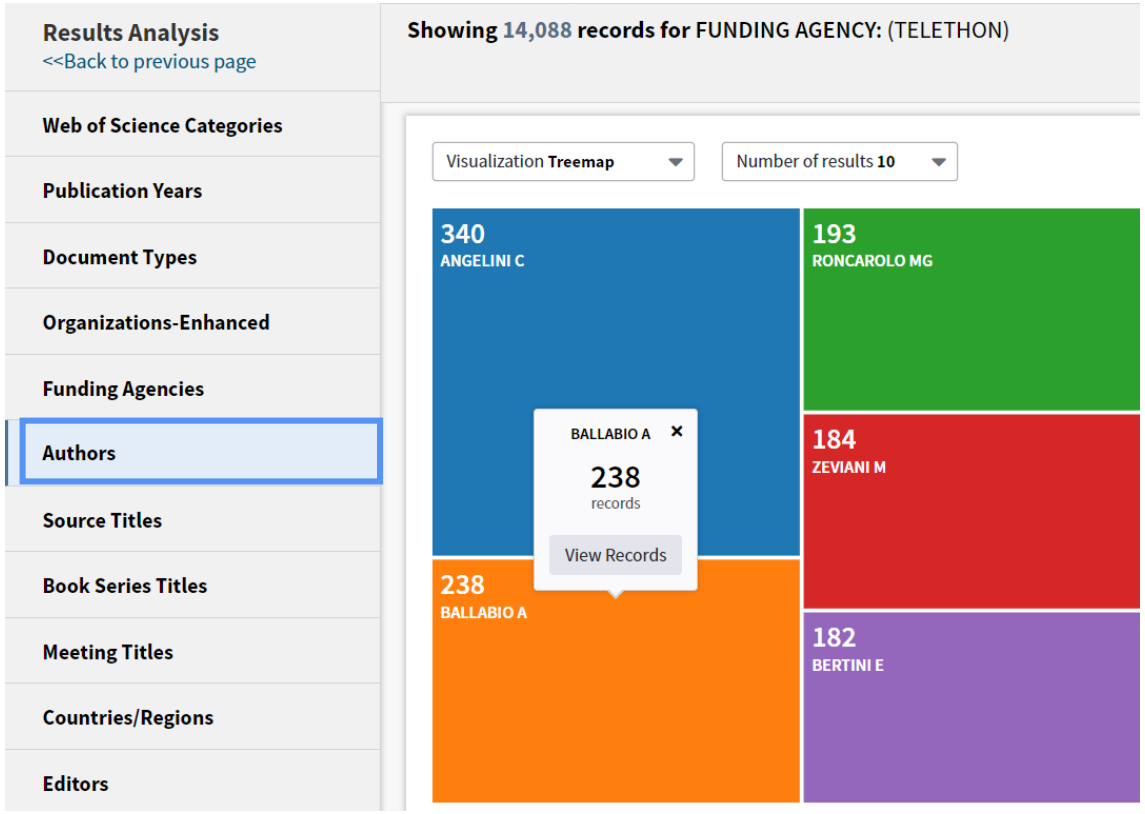
Export Data

Group & rank records in a results set by extracting data values from a variety of fields

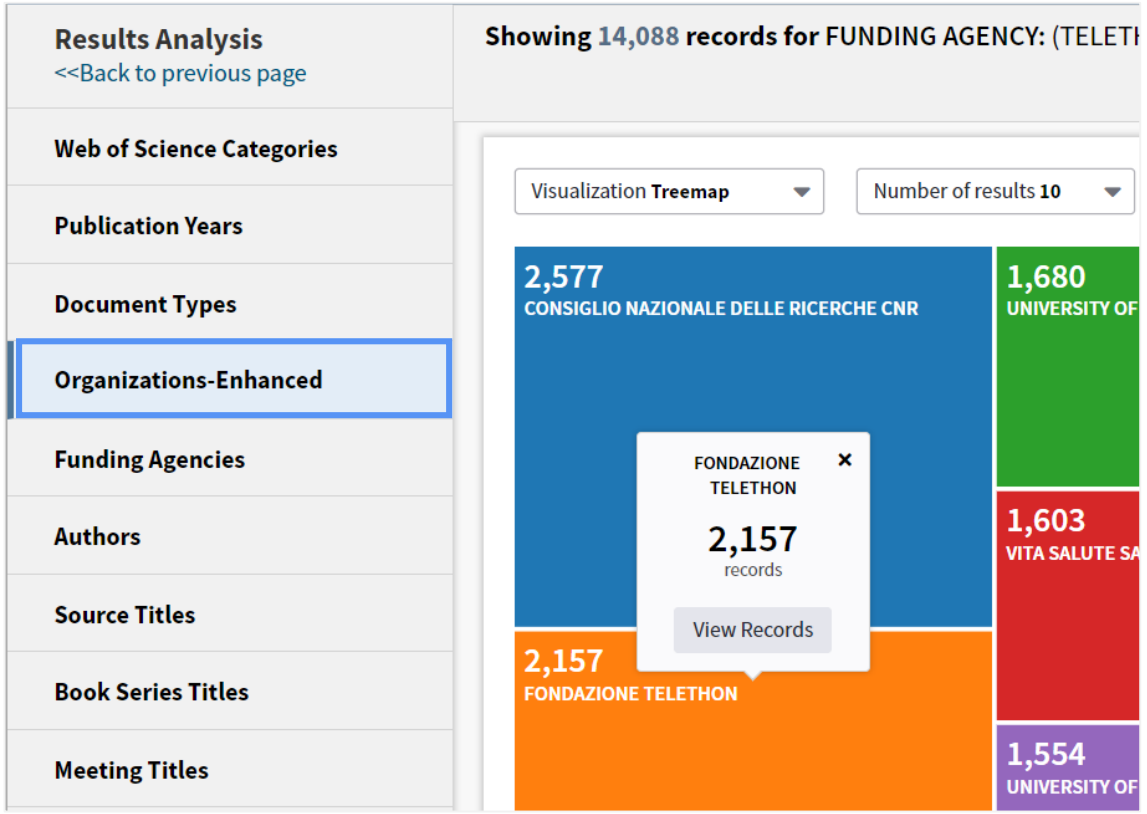
- Find the most prevalent authors in a particular field of study,
- Generate a list of institutions ranked by record count
- Identify experts and potential collaborators
- Identify career opportunities
- Identify important journals to follow
- Identify funding sources for your work

Analyze results

Identify experts and potential collaborators



Identify career opportunities



Create a Citation Report

CITATION PERFORMANCE STATISTICS

- Find out your publication & citation trend
- Calculate your H-index
- Check who is citing your work

Getting to the Full Text and Open Access Information

Access to Full text

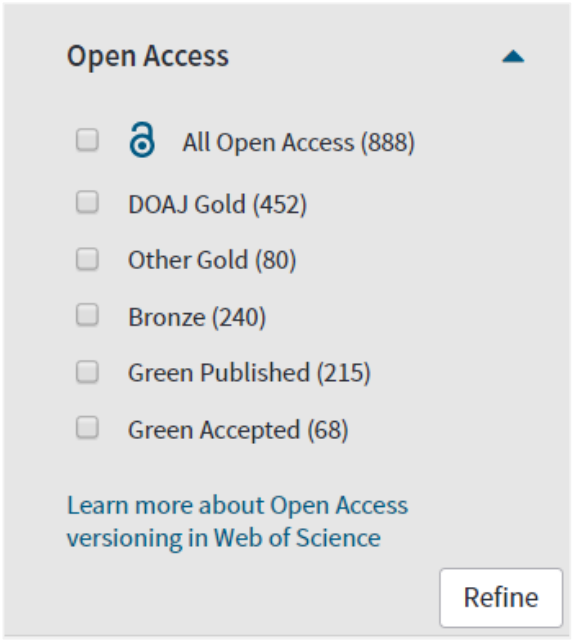
OPEN URL LINKS

OPEN ACCESS

GOOGLE SCHOLAR

PUBLISHER WEBSITE

Access to Full text: Open Access



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- **ACCESS LEGAL VERSIONS OF THE FULL TEXT STORED AND SHARED IN REPOSITORIES (GREEN OA)**

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Open Access data ↗ (*Our Research* data, formerly ImpactStory)

OA Type	Descriptions	
Gold	**DOAJ**	Articles published in journals listed on the Directory of Open Access Journals (DOAJ).
	Other	Other Gold open access articles are those identified as having a Creative Commons (CC) license by the Unpaywall Database but are not in journals listed on the DOAJ. Most of these articles are from hybrid journals. Hybrid open access journals are subscription journals that include some open access articles.
Bronze	The licensing for these articles is either unclear or identified by Impactstory's Unpaywall Database as non-CC license articles. These are free-to-read or Public Access articles located on a publisher's site. A publisher may, as a promotion, grant free access to an article for a limited time. At the end of the promotional period, access to the article may require a fee which can lead to temporary errors in our data.	
Green	**Published**	Final published versions of articles hosted on an institutional or subject-based repository (e.g. an article out of its embargo period posted to PubMed Central).
	Accepted	Accepted manuscripts hosted on a repository. Content is peer reviewed and final, but may not have been through the publisher's copyediting or typesetting.

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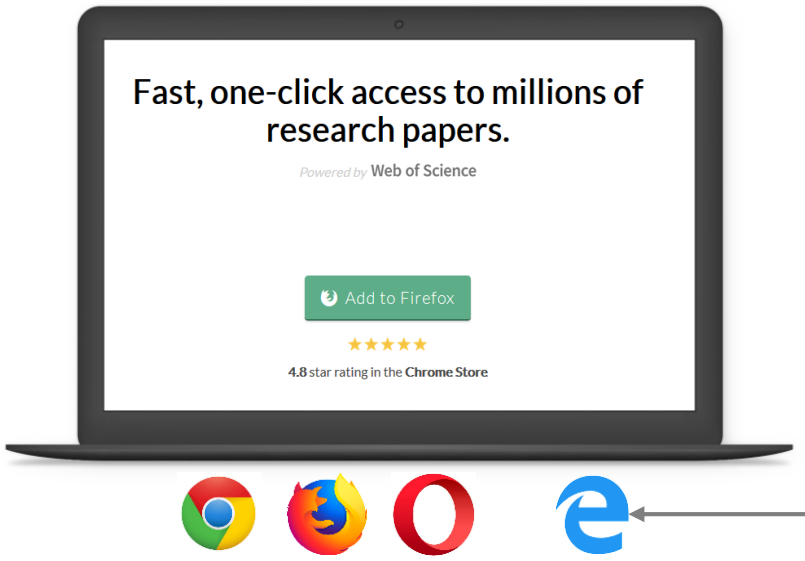

The latest version of **Microsoft Edge** allows for the installation of plugins from the Chrome Store (as it is powered by Chrome's browser technology). This means that Kopernio supports Edge from version 79 onward.
See here for more details.

Access to Full text: EndNote Click (formerly Kopernio)

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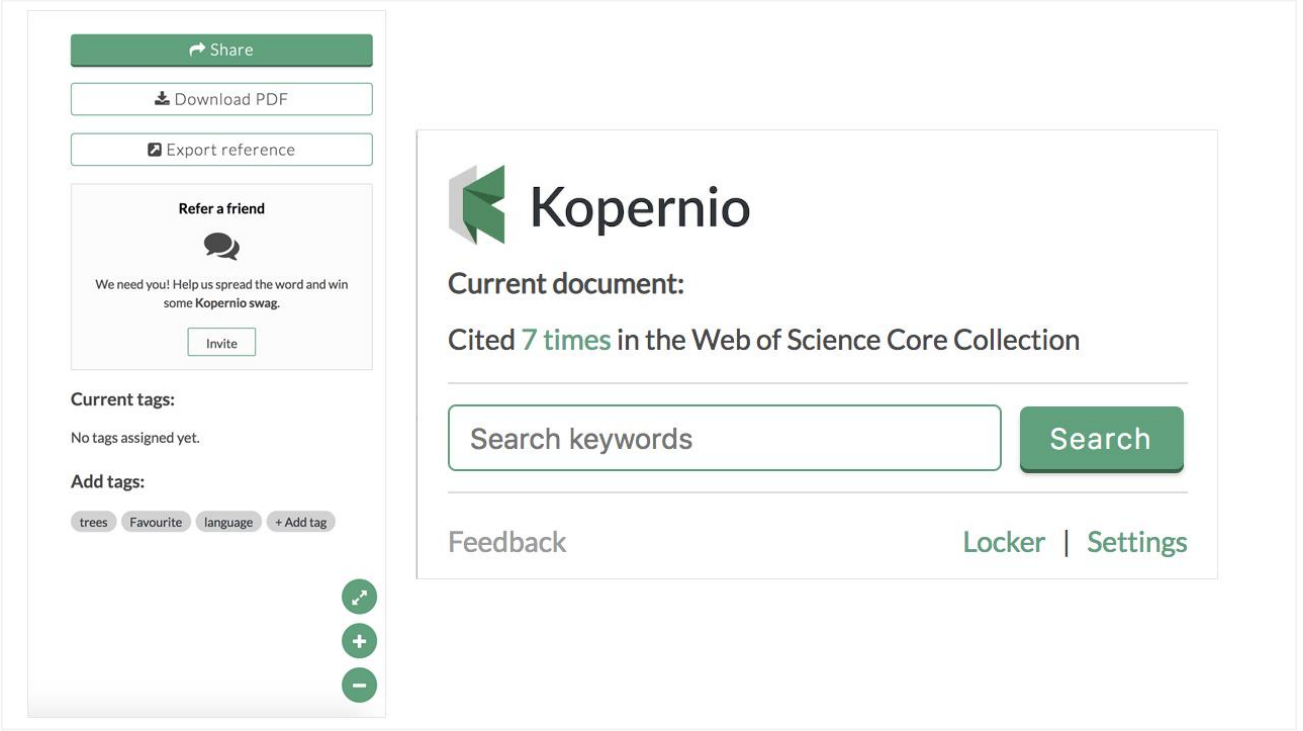


Publons

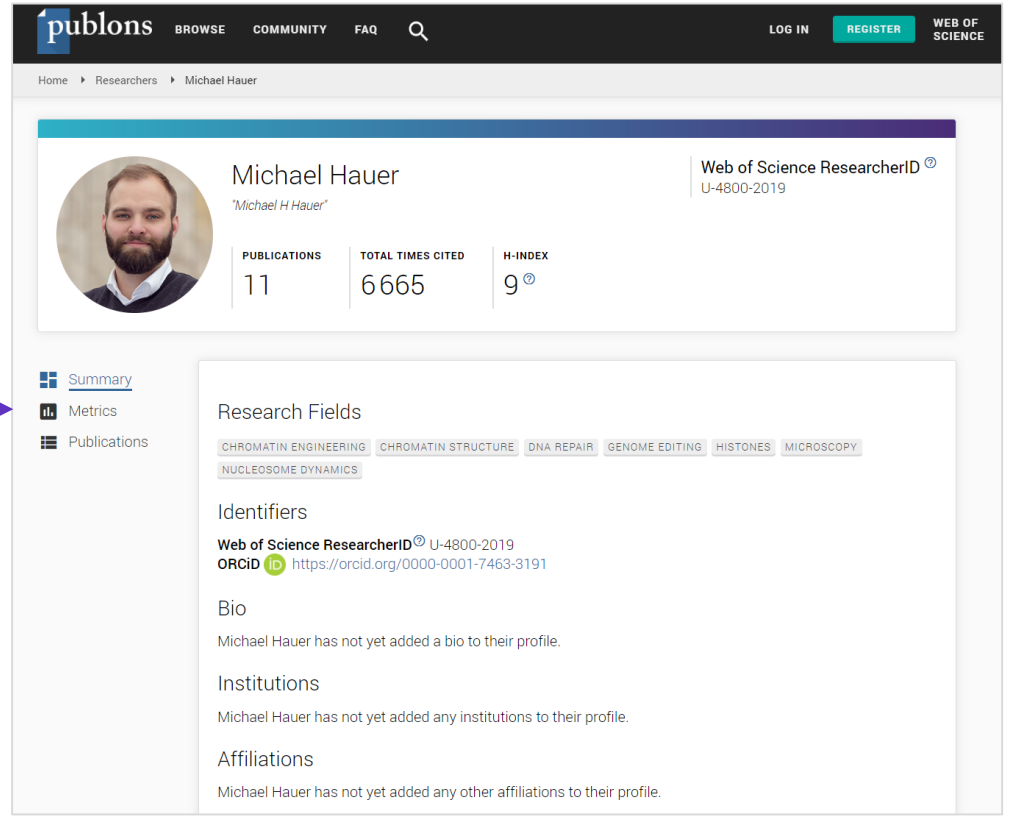
Identify Top Researchers

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

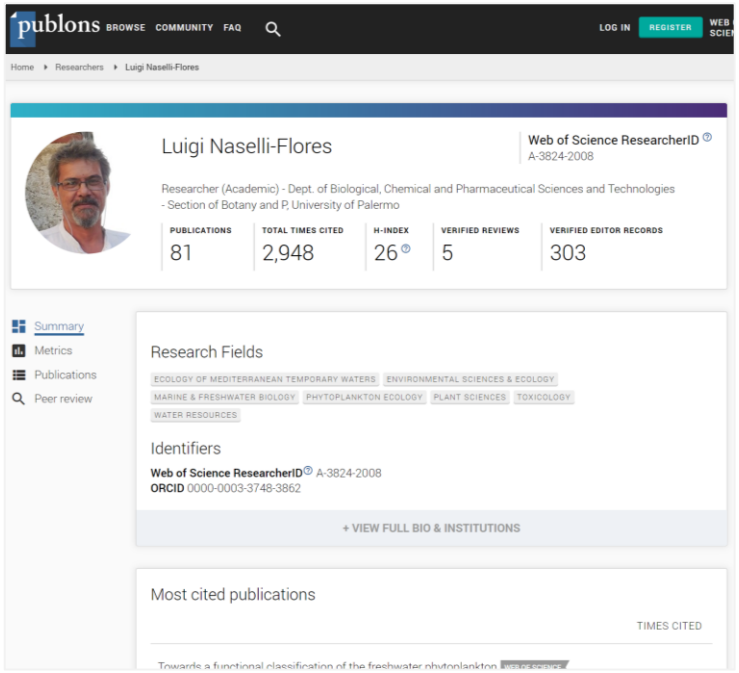
By: Jinek, M (Jinek, Martin) [1, 2]; Chylinski, K (Chylinski, Krzysztof) [3, 4]; Fonfara, I (Fonfara, Ines) [4]; Hauer, M (Hauer, Michael) [2]; Doudna, JA (Doudna, Jennifer A.) [1, 2, 5, 6]; Charpentier, E (Charpentier, Emmanuelle) [4]

Hide Web of Science ResearcherID and ORCID (provided by Clarivate)

Author	Web of Science ResearcherID	ORCID Number
Fonfara, Ines	S-8369-2018	http://orcid.org/0000-0003-4075-9217
Hauer, Michael	U-4800-2019	
Jinek, Martin	E-6621-2011	http://orcid.org/0000-0002-7601-210X
Chylinski, Krzysztof		http://orcid.org/0000-0001-7029-8090
Hauer, Michael		http://orcid.org/0000-0001-7463-3191



Publons



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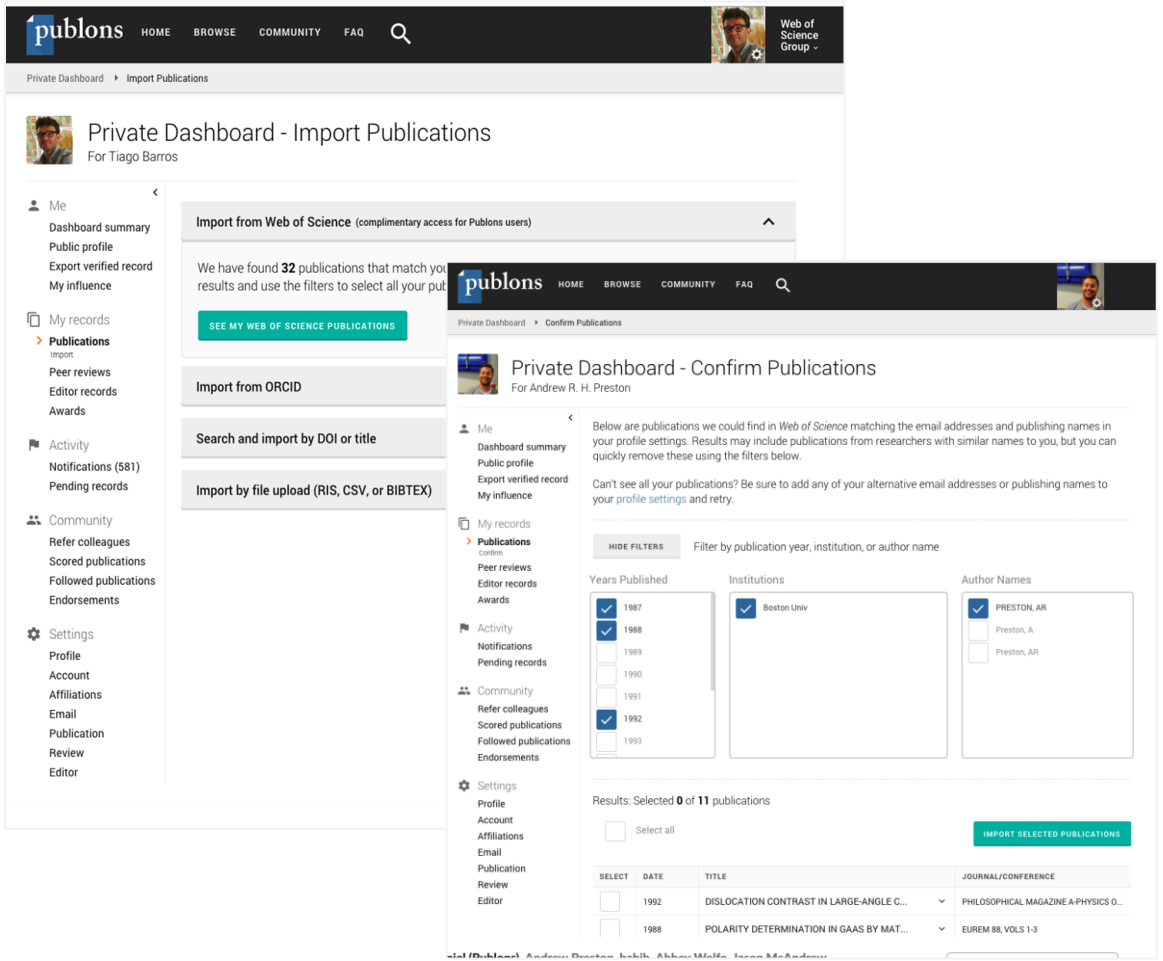
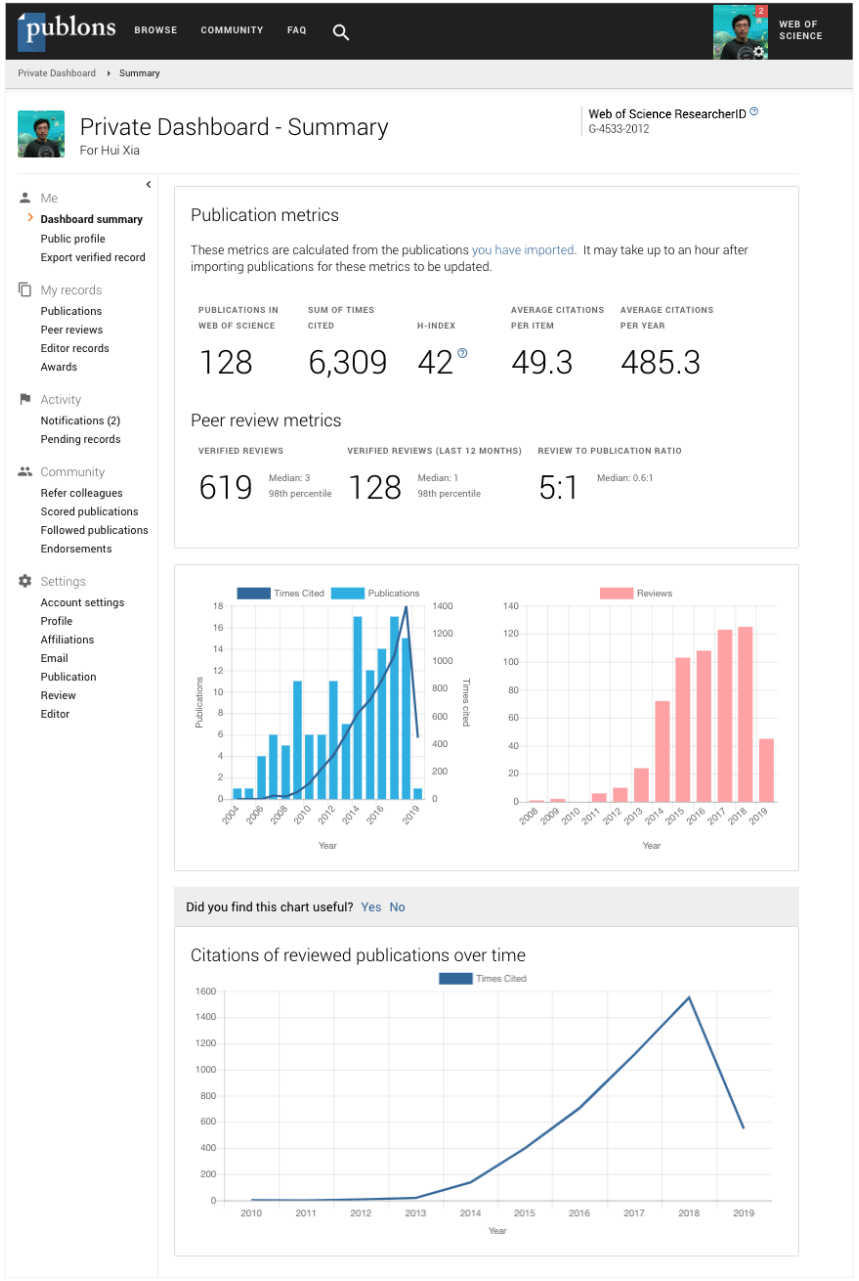
Publons and ORCID can be synchronised



A more complete suite of metrics

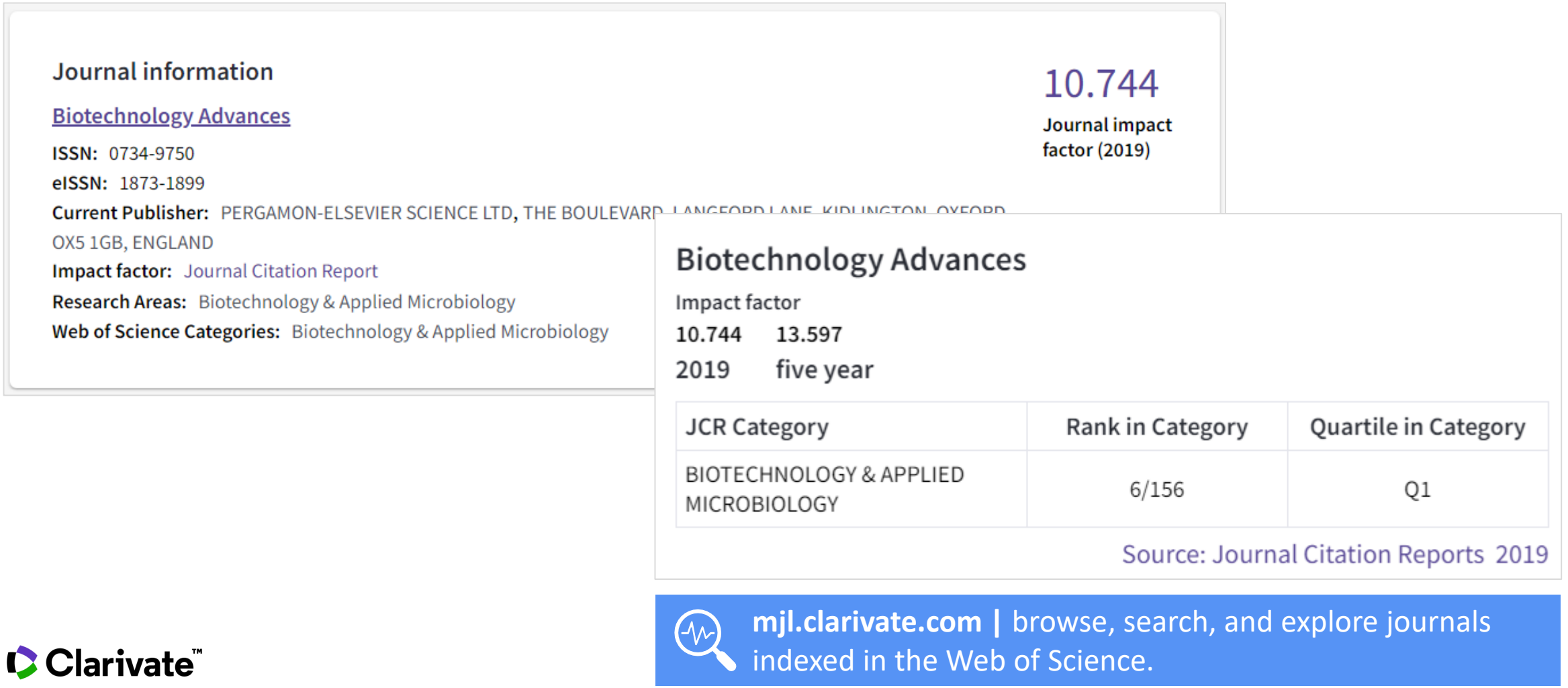
- *h*-index
- Avg. citations per article
- Avg. citations per year
- Total citations over time
- Citation counts in per-paper context and aggregate.
- Peer review metrics
- Editorial Board Memberships
- Citations of papers you reviewed

N.B. Citation metrics are drawn from the Web of Science Core Collection.



Finding Impactful Journals to Publish in

Discover the importance and visibility of the journals you search by contextualising the Journal Impact Factor



Journal information

Biotechnology Advances

ISSN: 0734-9750

eISSN: 1873-1899

Current Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND

Impact factor: Journal Citation Report

Research Areas: Biotechnology & Applied Microbiology

Web of Science Categories: Biotechnology & Applied Microbiology

10.744

Journal impact factor (2019)

Biotechnology Advances

Impact factor

10.744 13.597

2019 five year

JCR Category	Rank in Category	Quartile in Category
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	6/156	Q1

Source: Journal Citation Reports 2019

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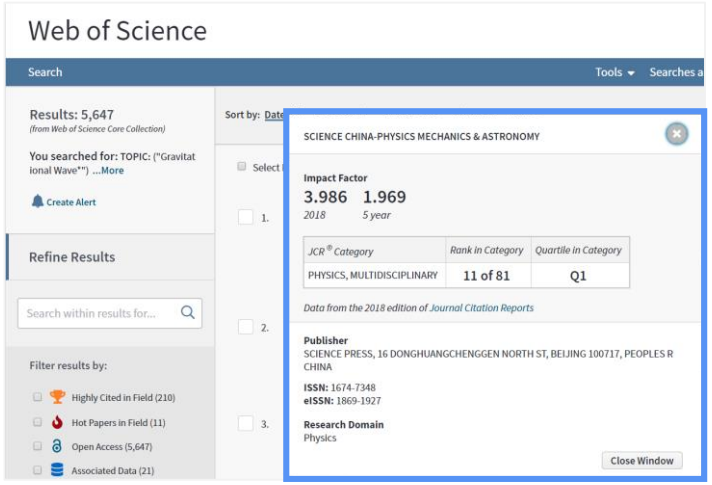
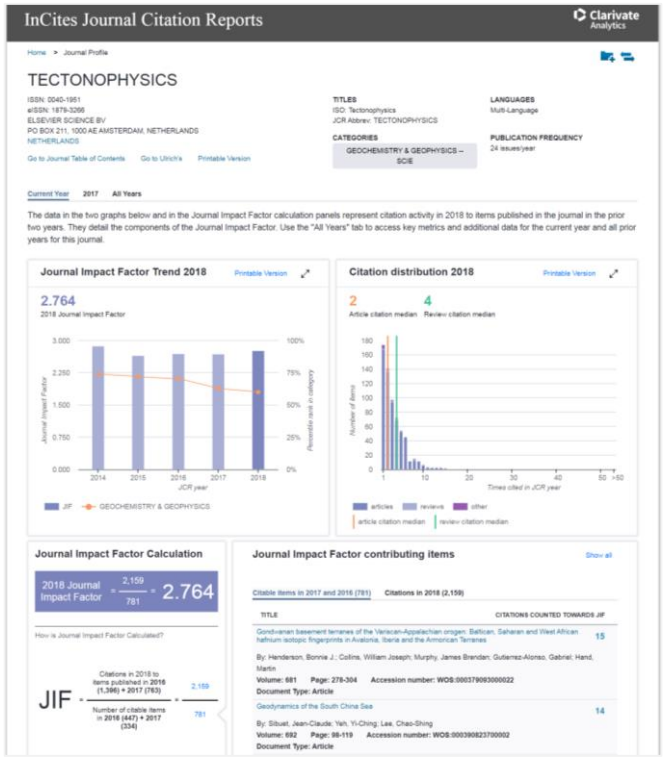
Journal Performance

JOURNAL CITATION REPORTS

Identify important journals to follow

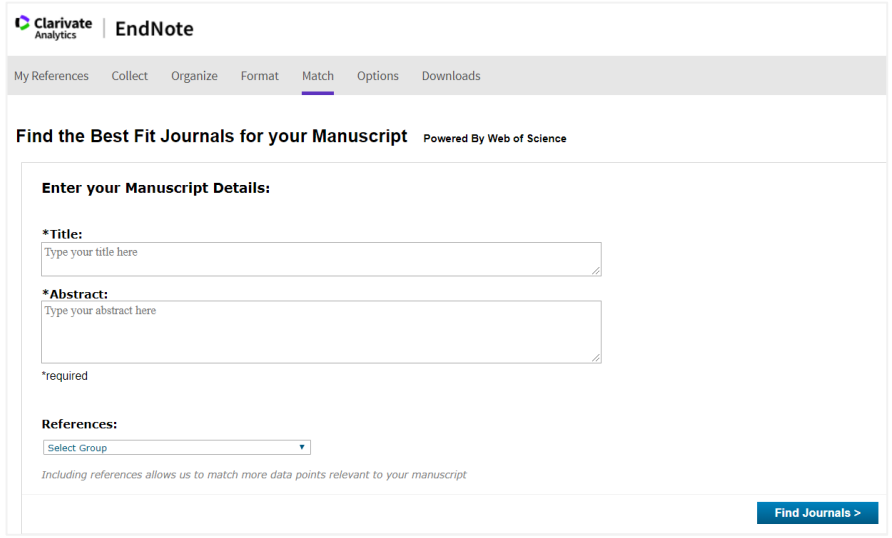


Analyze and compare journals



ENDNOTE

Identify journals to publish in



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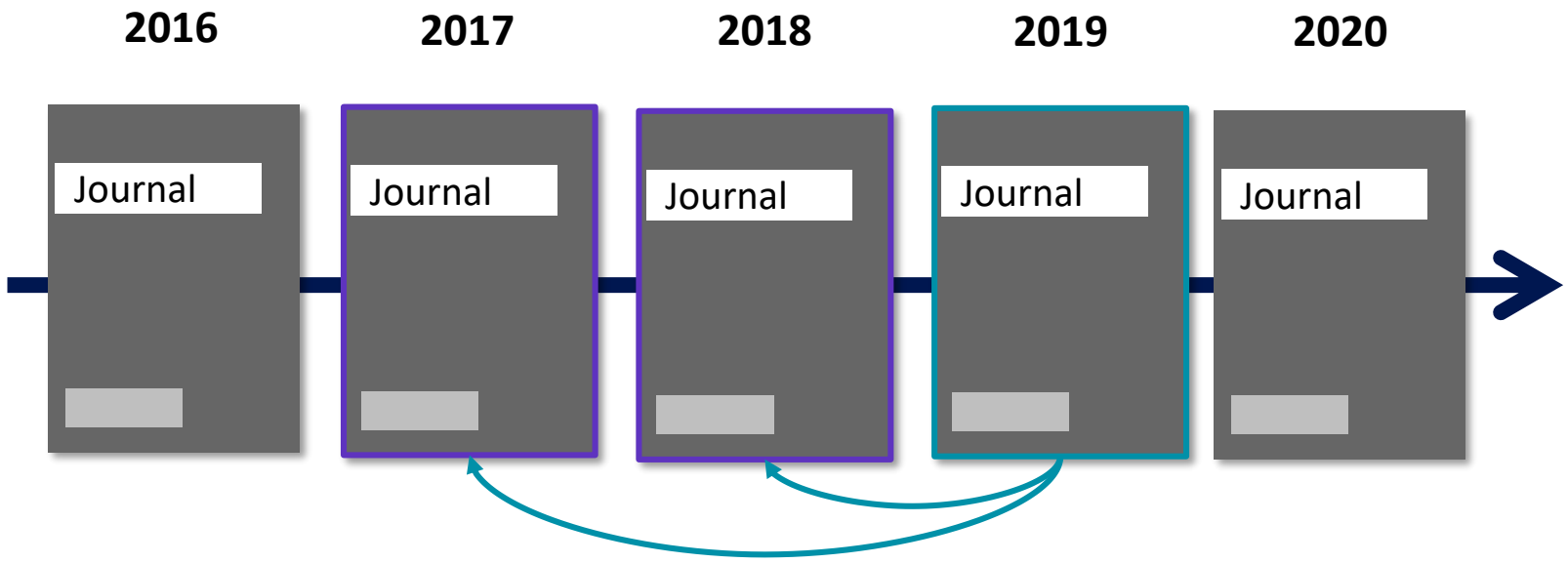
Journal Impact Factor



2019 Journal Impact Factor

Ratio of
citations from 2019 to papers published in 2017 and 2018
to
papers published in 2017 and 2018

Journal Impact Factor Calculation

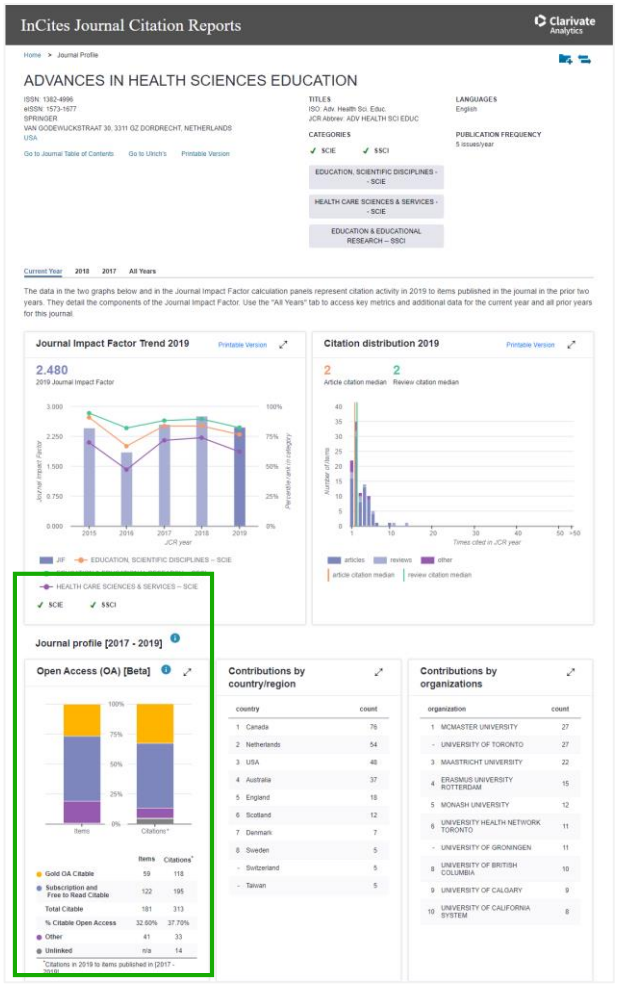
2019 Journal Impact Factor = $\frac{496}{14}$ = 35.429

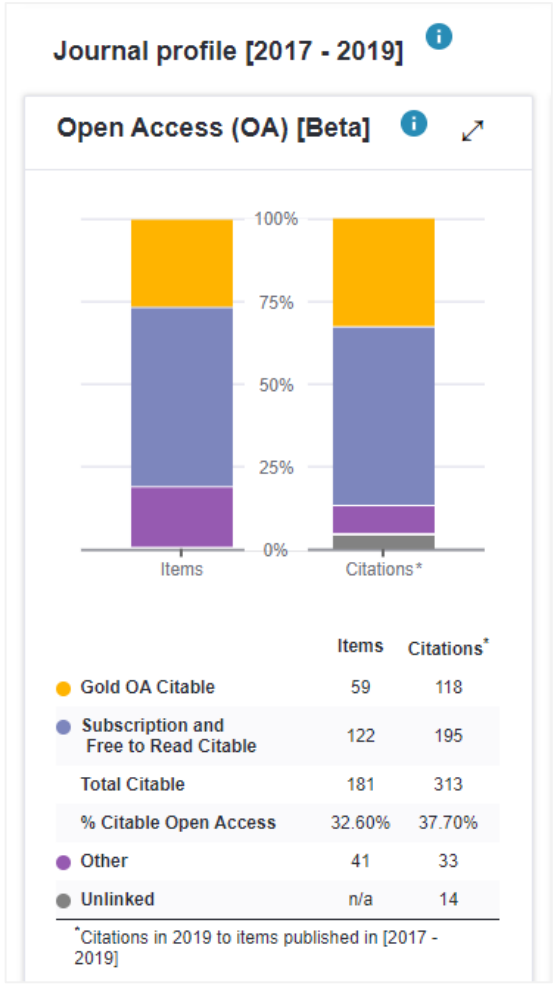
How is Journal Impact Factor Calculated?

$$JIF = \frac{\text{Citations in 2019 to items published in 2017 (163) + 2018 (333)}}{\text{Number of citable items in 2017 (6) + 2018 (8)}} = \frac{496}{14}$$

Learn more: JCR Best Practices

Journal Impact Factor





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- ✓ Understand how journals' access models impact the scholarly discourse within your community
- ✓ Make data driven decisions about your organization's open access policies.

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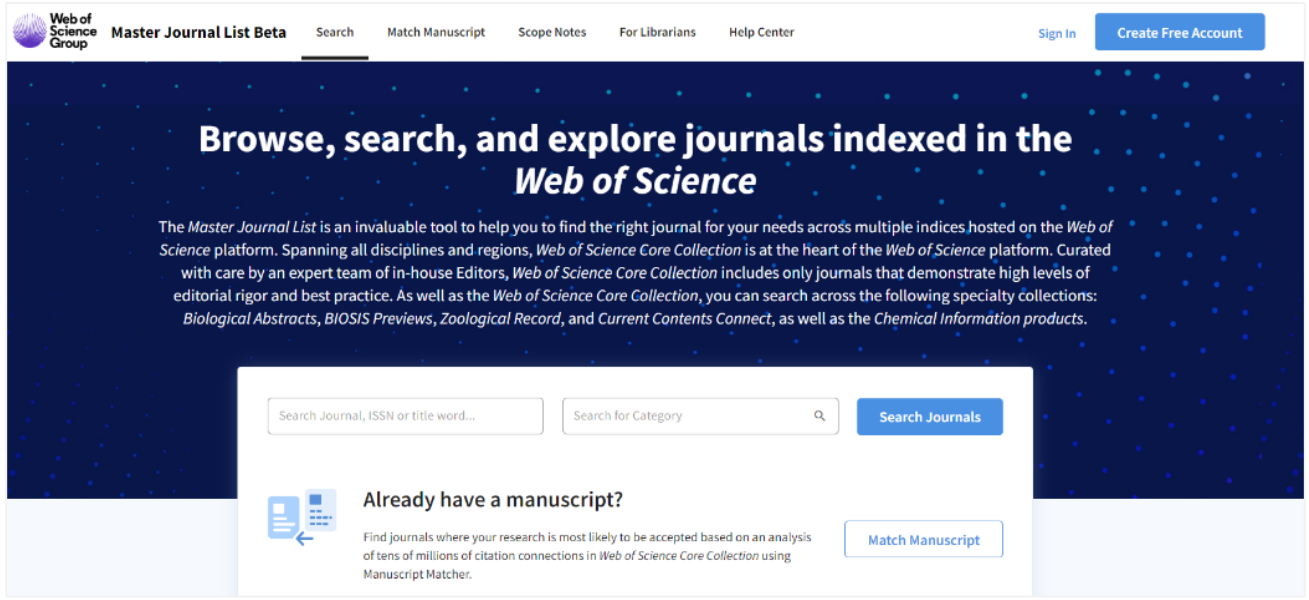

How do you avoid predatory Open Access?

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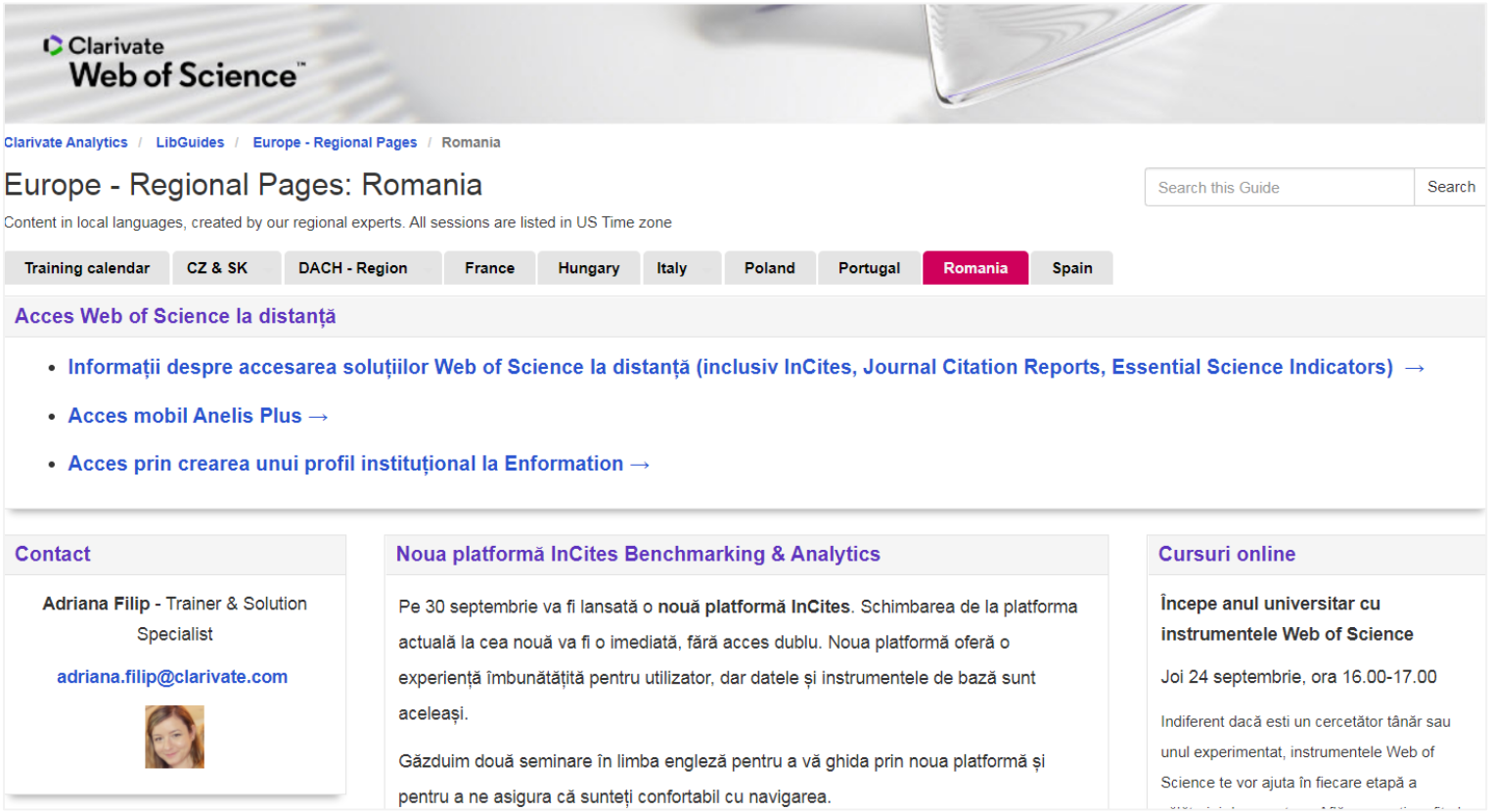
https://clarivate.libguides.com/europe/romania



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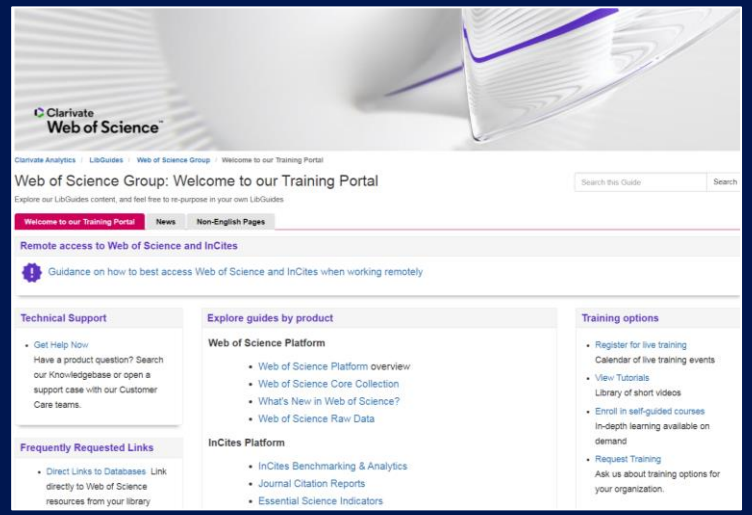
Training resources



LibGuides

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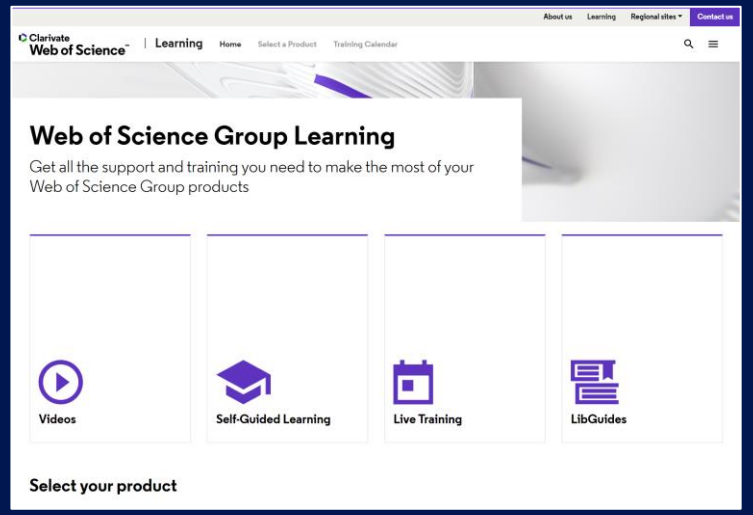
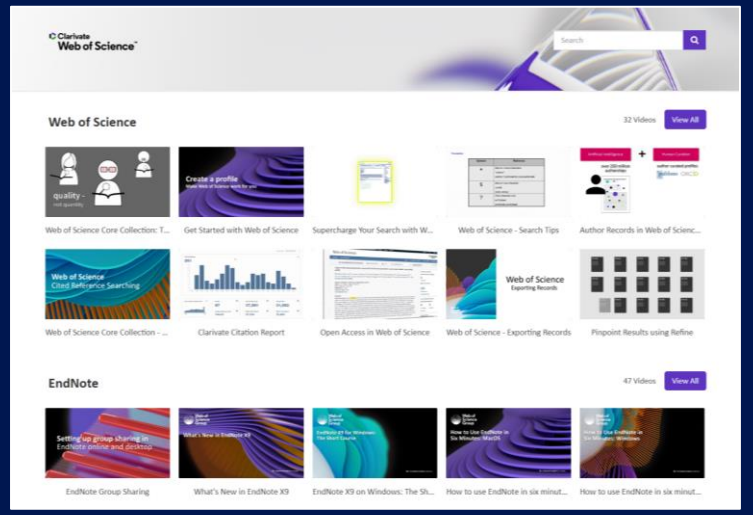


Web of Science Learning

https://clarivate.com/webofsciencegroup/support/



Videos

https://videos.webofsciencegroup.com/

Vă mulțumesc!

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adriana.filip@clarivate.com
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