Clarivate
Web of Science™

Investigarea, descoperirea și analiza unui subiect de cercetare: Vaccinul COVID

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Aprilie 2021

Agenda

1. Găsirea publicațiilor relevante
2. Înțelegerea rezultatelor cercetării
3. Salvarea și actualizarea datelor
4. Experiența noastră în domeniul științelor vieții

Clarivate™

Clarivate delivers trusted insights & analytics to accelerate the pace of innovation

Clarivate Web of Science™ | Clarivate Cortellis™ | Clarivate Derwent™ | Clarivate MarkMonitor™ | CPA GLOBAL Part of Clarivate | DRG Part of Clarivate

Our mission

We are a trusted, indispensable partner to innovators everywhere delivering critical data, information, workflow solutions and deep domain expertise.

Our purpose

We believe human ingenuity can transform the world and improve our future.

Our vision

We will improve the way the world creates, protects and advances innovation.

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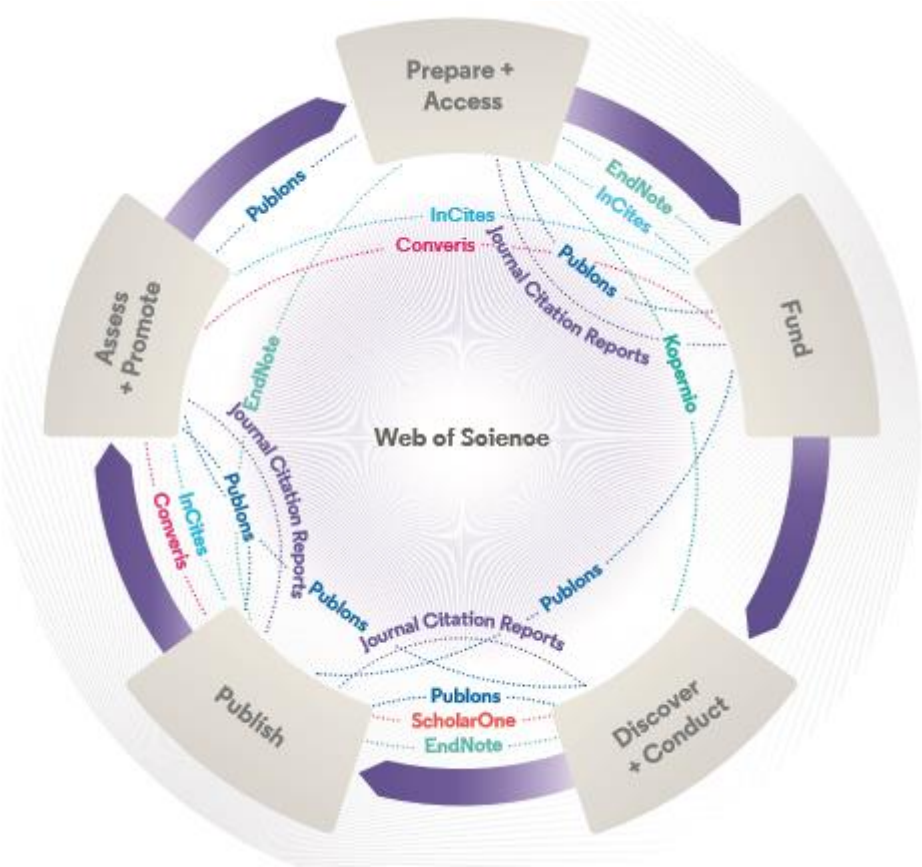
The literature research workflow



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.

Topic Search

“wuhan coronavirus” OR “wuhan seafood market pneumonia virus” OR “covid19” OR “covid-19” OR “covid-2019” OR “coronavirus disease 2019” OR “sars-cov-2” OR “2019-ncov” OR “2019 novel coronavirus” OR “severe acute respiratory syndrome coronavirus 2” OR “2019 novel coronavirus infection” OR “coronavirus disease2019” OR “coronavirus disease-19” OR “sars-cov-2019” or “sars-cov-19” OR “covid-2” OR “covid19”

vaccin*

1. Găsirea publicațiilor relevante

Platforma Web of Science

34,000+
Journals across the platform

21,000+
Total journals in the *Core Collection*

1.9 billion+
Cited references

174 million+
Records

15 million +
Records with funding data

92 million
Patents for over 46 million inventions

11 million+
Data Sets and Data Studies

Backfiles to 1900
With cover-to-cover indexing

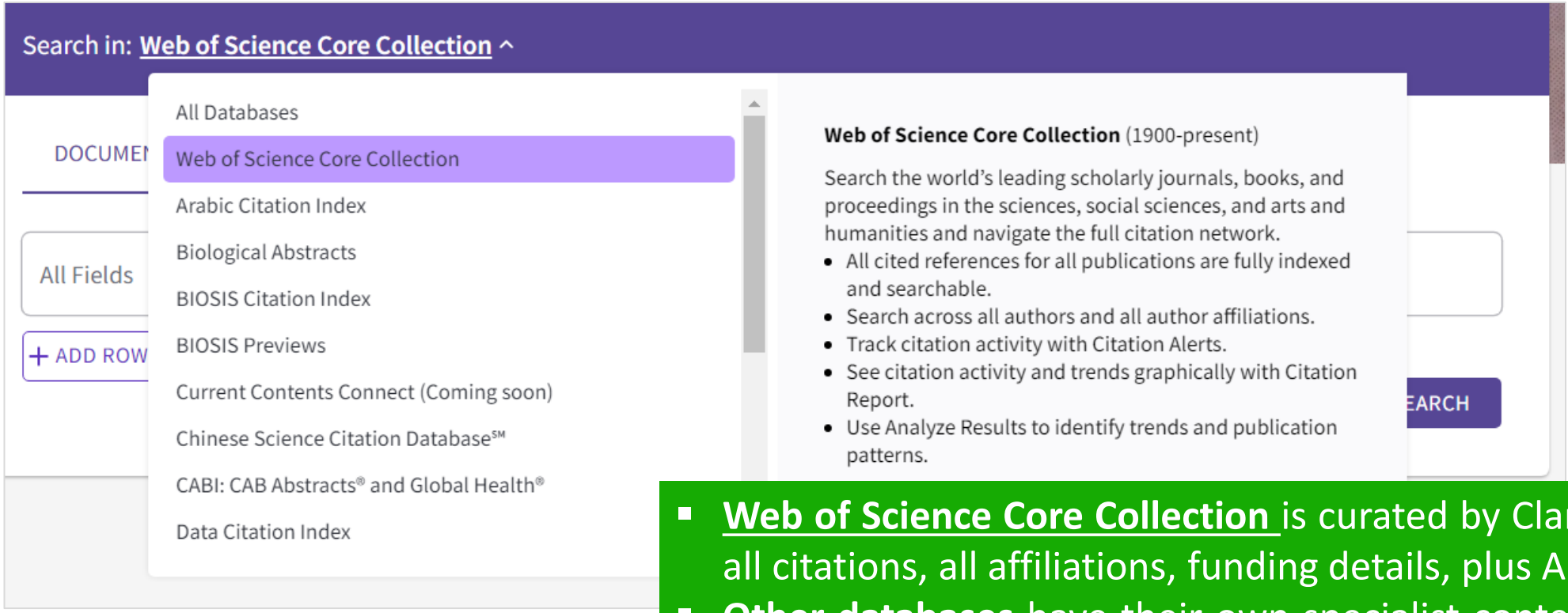
220,000+
Conference proceedings

119,000+
Books

Clarivate™

Statistics as of September 2020

Alegerea unei baze de date în Web of Science



- **Web of Science Core Collection** is curated by Clarivate, includes all citations, all affiliations, funding details, plus Author Records.
- **Other databases** have their own specialist content and indexes to aid detailed searches.
- The ***All Database*** search uses a common interface to search across all indexes in all databases.

Căutare All Databases

5,234 results from Web of Science Core Collection for:

(TS=("wuhan coronavirus" OR "wuhan seafood market pneumonia virus" OR "covid19" OR "covid-19" OR "covid-2019" OR …

9,927 results from All Databases for:

(TS=("wuhan coronavirus" OR "wuhan seafood market pneumonia virus" OR "covid19" OR "covid-19" OR "covid-2019" OR …

MEDLINE®	7,975
Web of Science Core Collection	6,273
Current Contents Connect	3,754
BIOSIS Previews	2,759
BIOSIS Citation Index	2,758
Biological Abstracts	2,466
CABI: CAB Abstracts® and Glo…	2,074
Data Citation Index	625
Inspec®	211
Chinese Science Citation Datab…	148
SciELO Citation Index	98
Russian Science Citation Index	39
FSTA® - the food science resource	17
KCI-Korean Journal Database	8

Searching *All Databases* can find more results in the Core Collection.

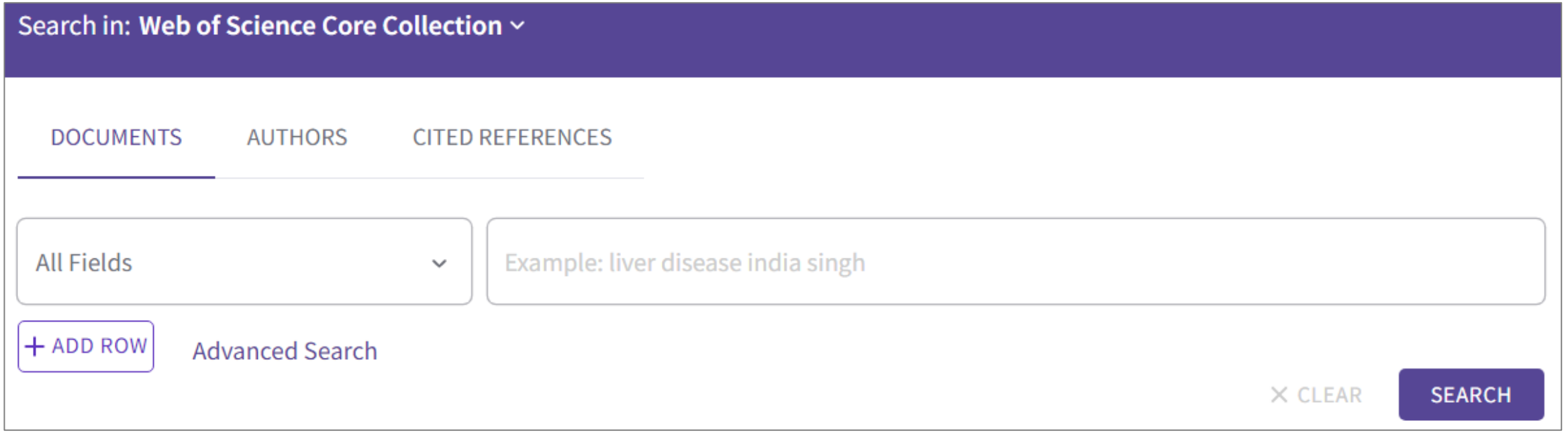
This is due to search terms missing in the Core Collection, being present in indexed fields in other databases.

MeSH Terms:

Heading	Qualifier
COVID-19 Testing	
COVID-19 Vaccines	
*Clinical Laboratory Techniques	methods
Coronavirus	*classification
	*genetics

Medline record

Web of Science Core Collection

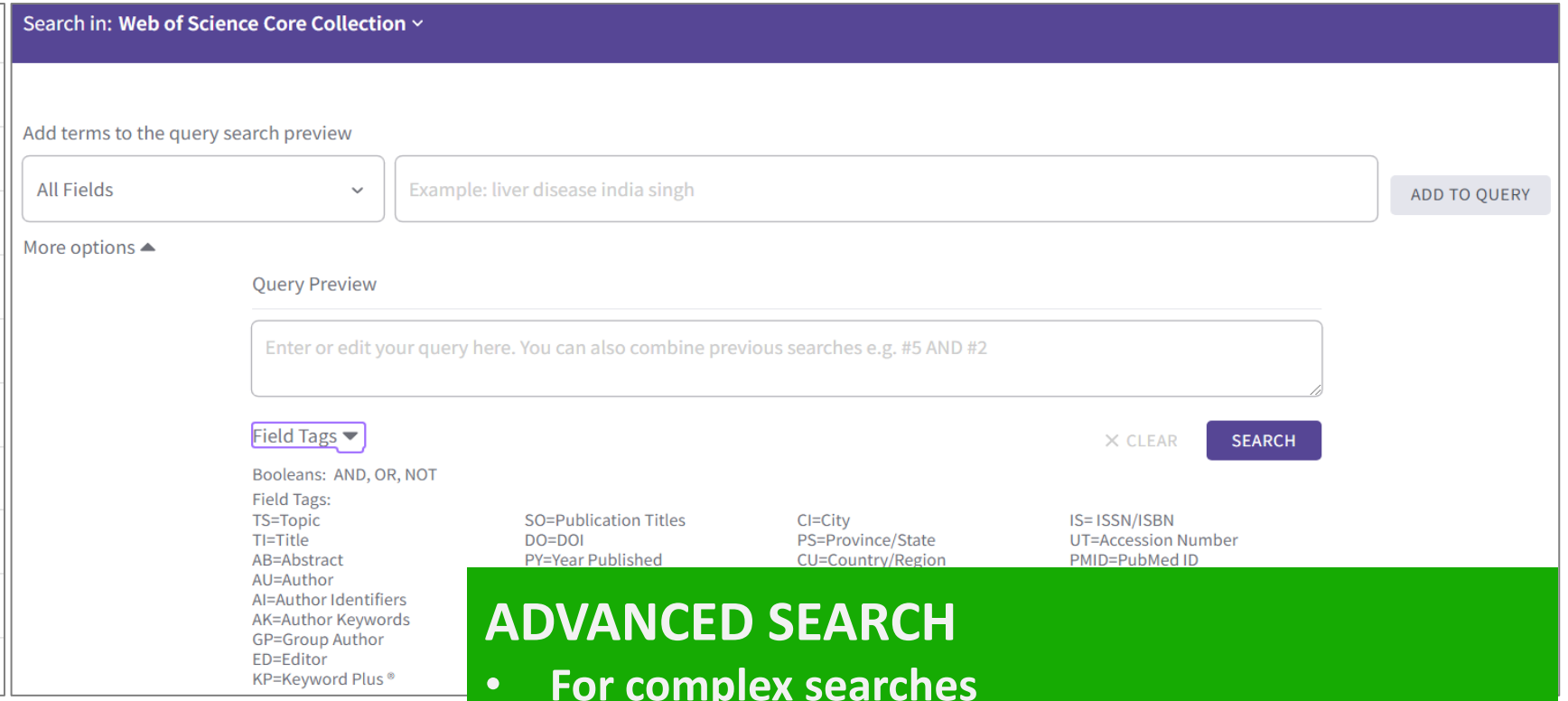


BASIC SEARCH

- ✓ For quick and simple searches
- ✓ Wild cards and Boolean operators

Web of Science Core Collection

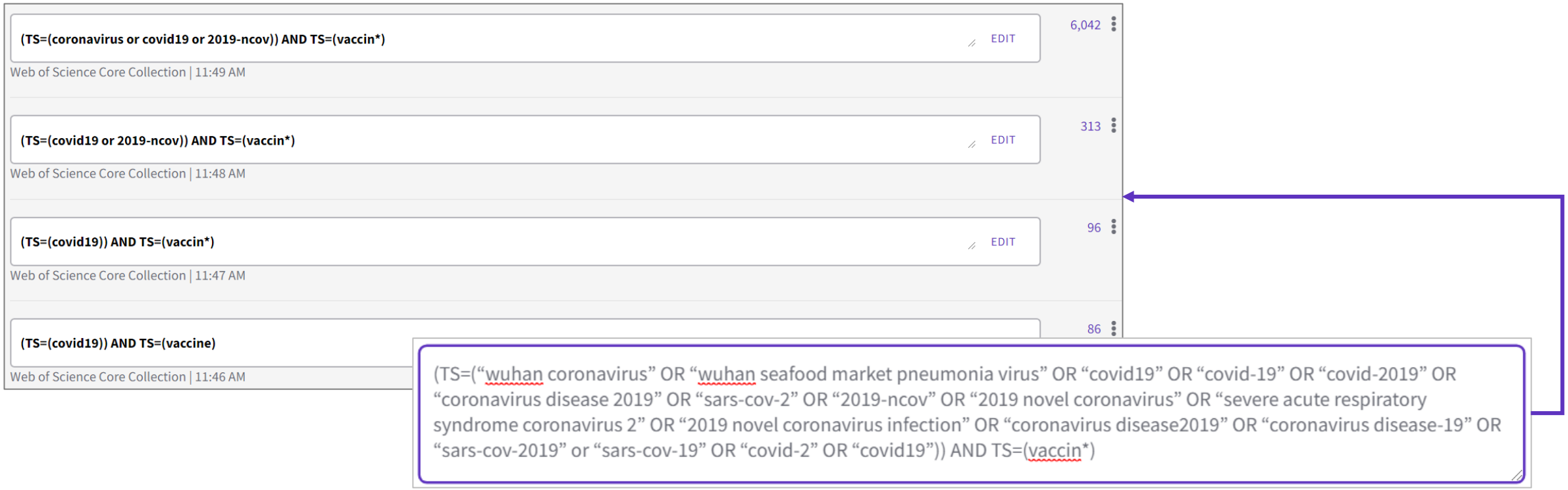
- Lemmatization and Stemming
- Using Quotation Marks
- Spelling Variations
- Wildcards
- Right and Left-Hand Truncation
- Right-Hand and Internal Truncation
- Left-Hand Truncation
- Hyphens and Apostrophes
- Ampersands
- Using Formulas For Searching
- Guidelines for Searching Names



ADVANCED SEARCH

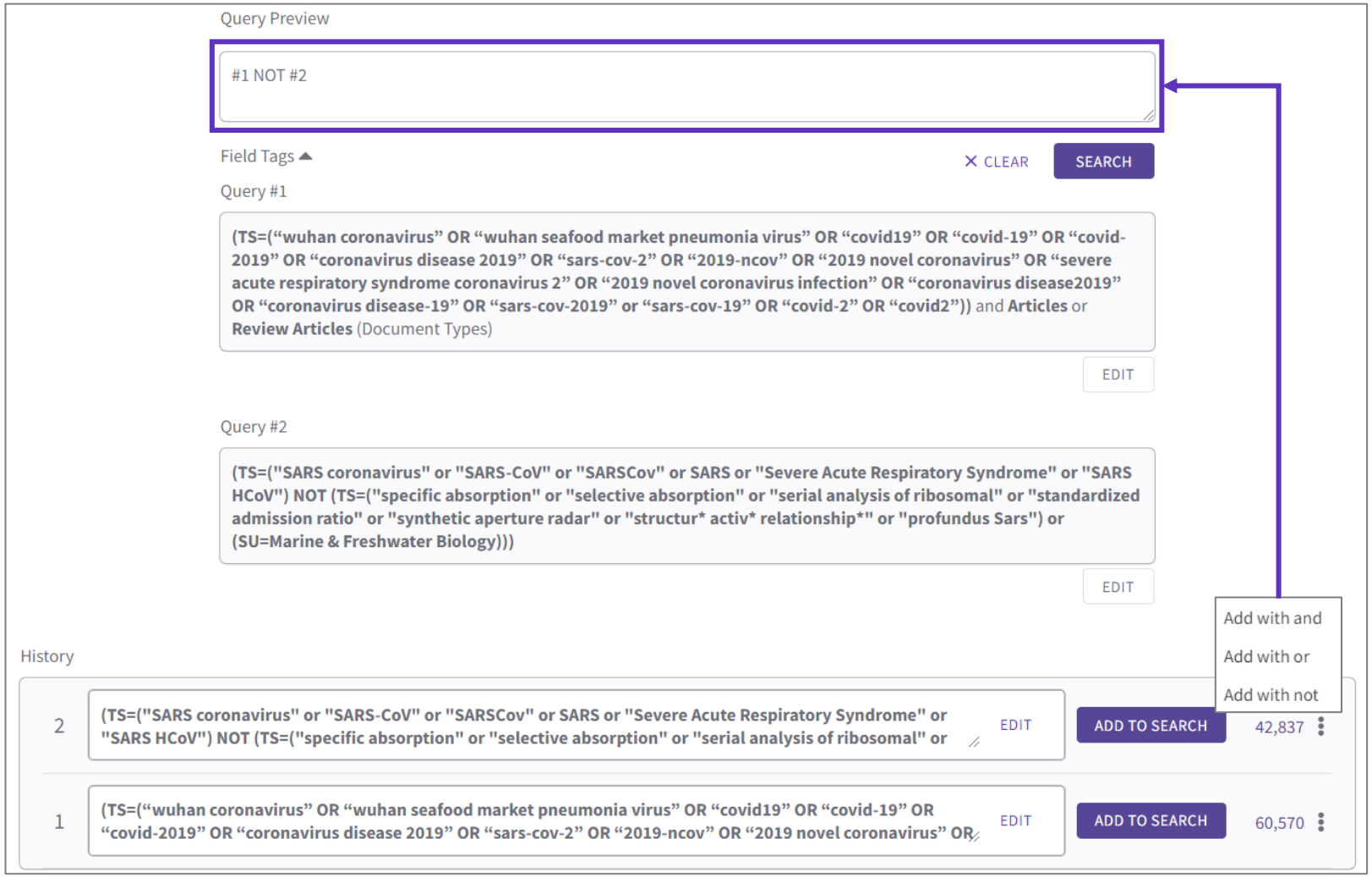
- For complex searches
- All fields available
- Wild cards and boolean operators
- Query Builder to assist
- Search History available for combining searches

Căutare prin cuvinte cheie (keywords)



- **Find out the keywords needed to cover the subject, maybe find some results and look at other keywords.**
- **Think of the variations around those words/phrases, consider truncating and use of Wild Cards.**
- **Think of similar words that will cause false triggers and exclude these, using NOT.**

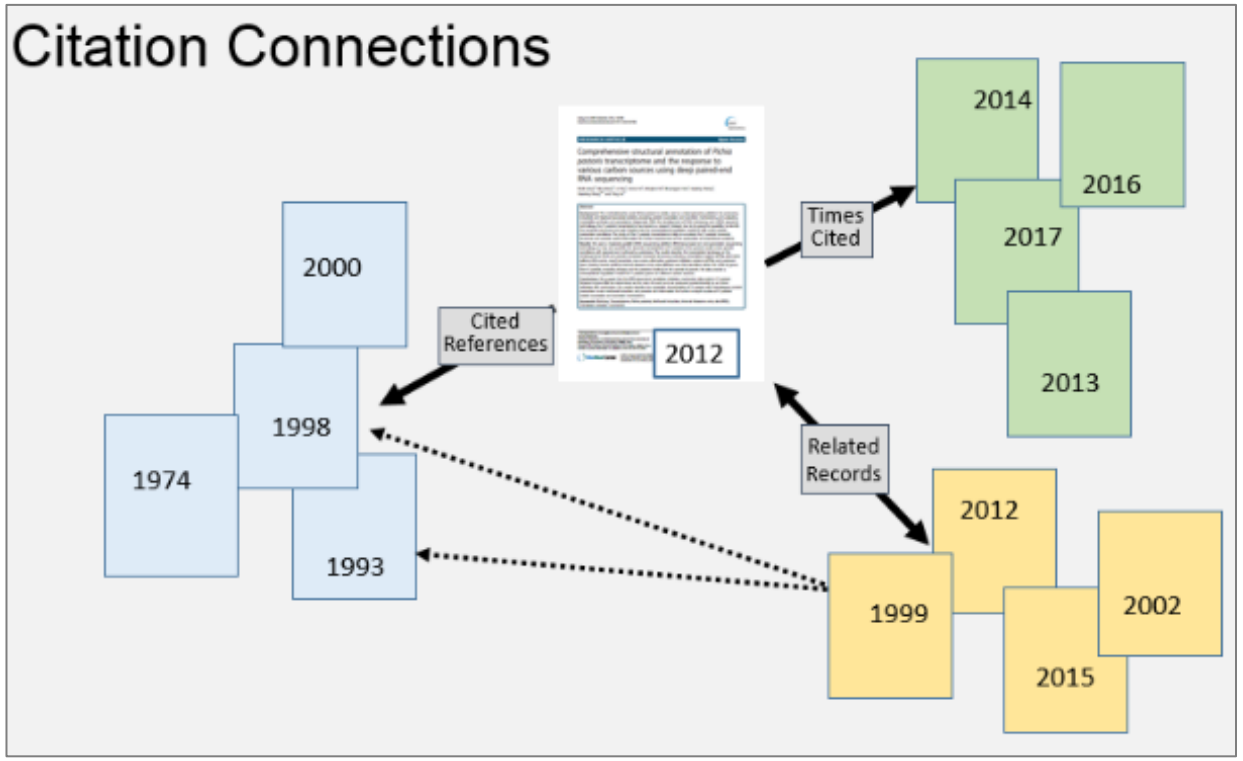
Combining Searches



- The session's *Search History* is shown in the Advanced Search.
- Add previous searches to a new Query, using any of the connectors: "And"; "Or"; "Not".

The flaw in Keyword Searches

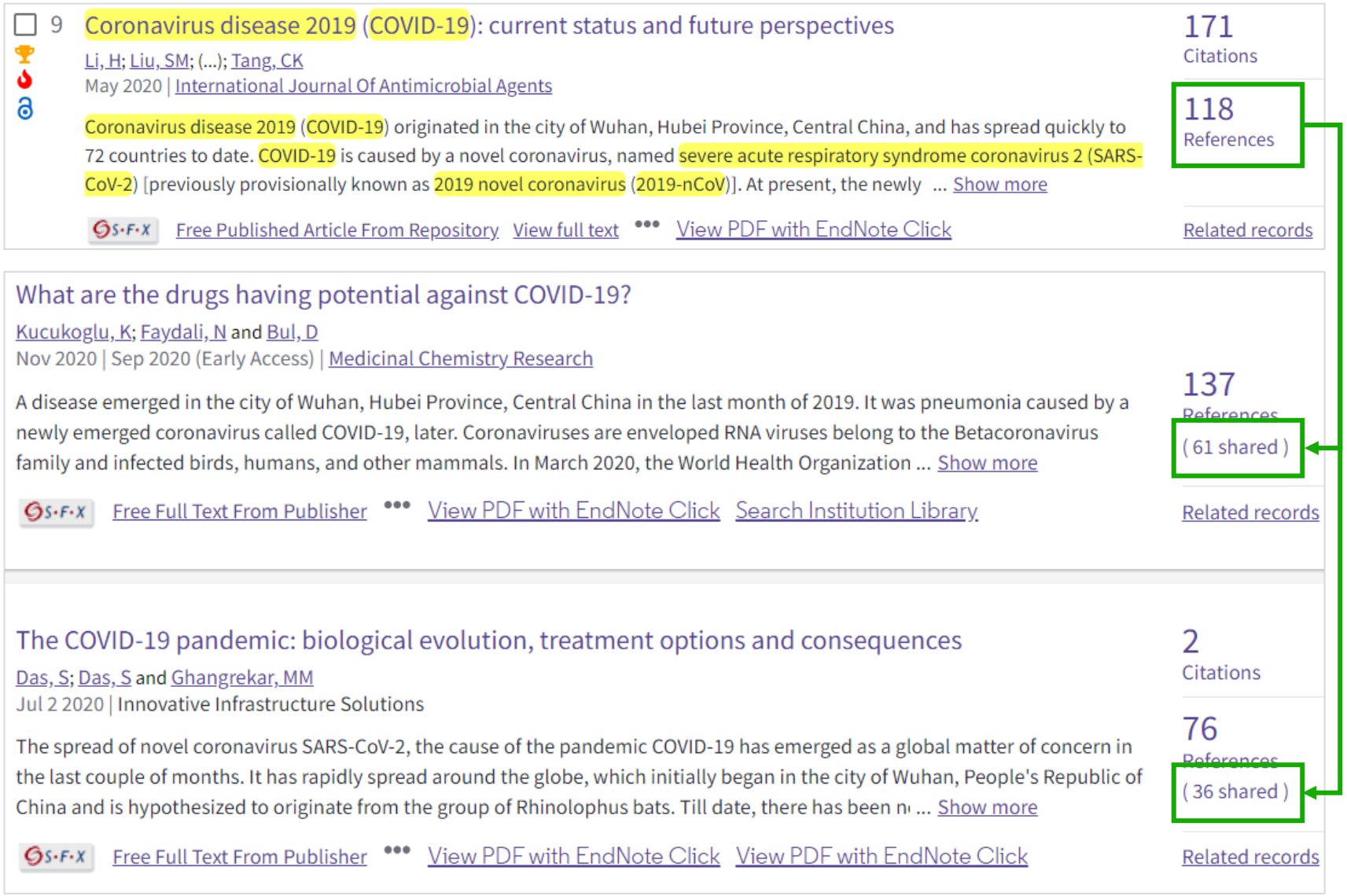
- The problem lies in knowing **ALL** the Keywords.
- If research has taken place over many years, the Keywords used now may well not be the ones used when the research started.
- The result being not finding all the documents that relate to the research.



HOW CAN THE CITATION NETWORK HELP?

- **Start with a key influential document.**
- **Use the *Citations* to navigate forwards, to see how the research moved on.**
- **Use *References* to navigate backwards, to find the origins of the research.**
- **Use *Related Records* to help find documents that cover a similar research subject but do not necessarily use the keywords you searched for.**

Related Records



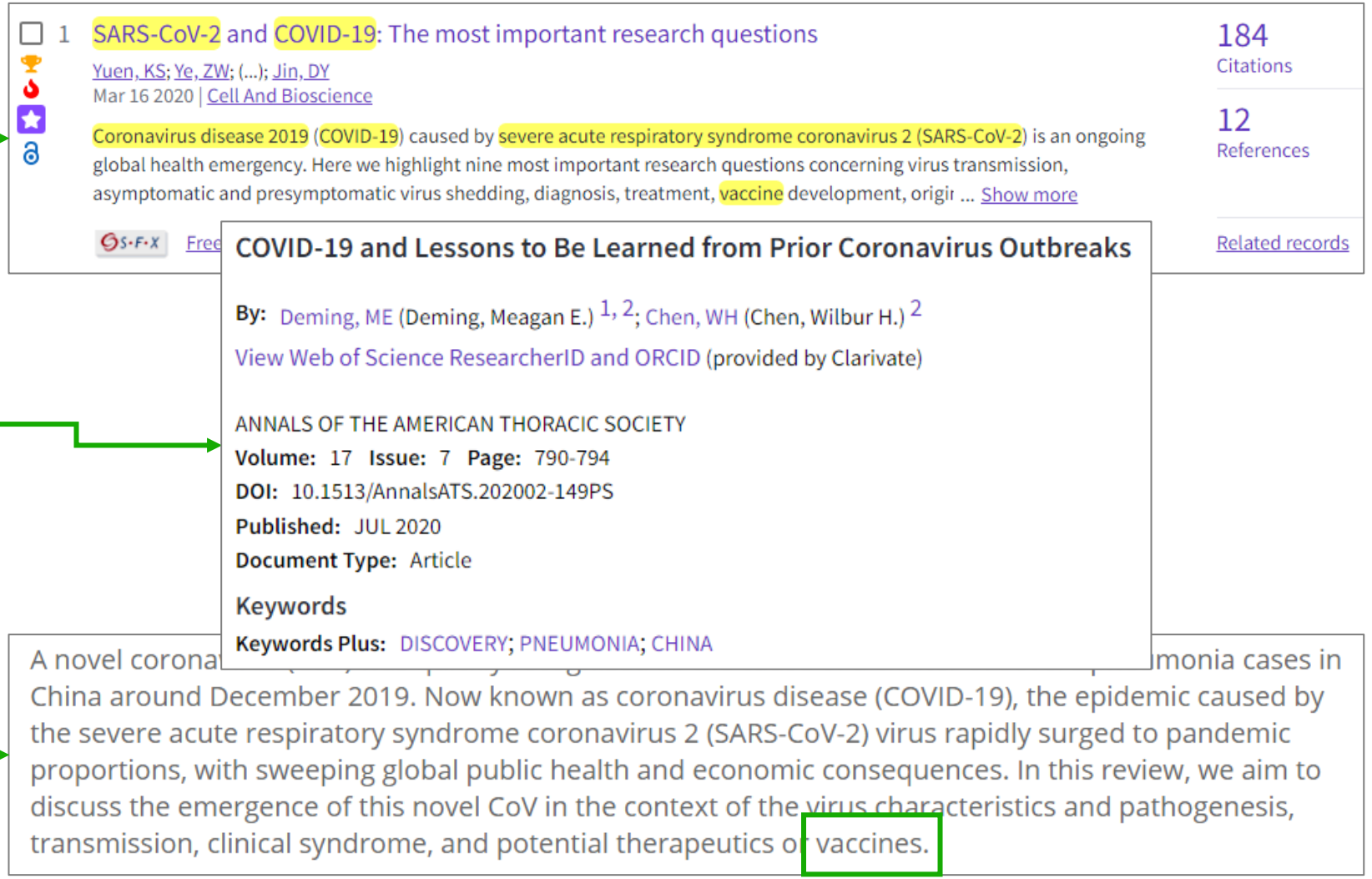
- ***Related Records*** **display a list of documents that share at least 1 of the references that the original document cited.**
- **The list is sorted so that the documents with the most shared references are at the top.**
- **If there is a big overlap, then there is a good chance that the documents cover similar areas of research.**
- **Related Records does not use keywords.**

Related Records

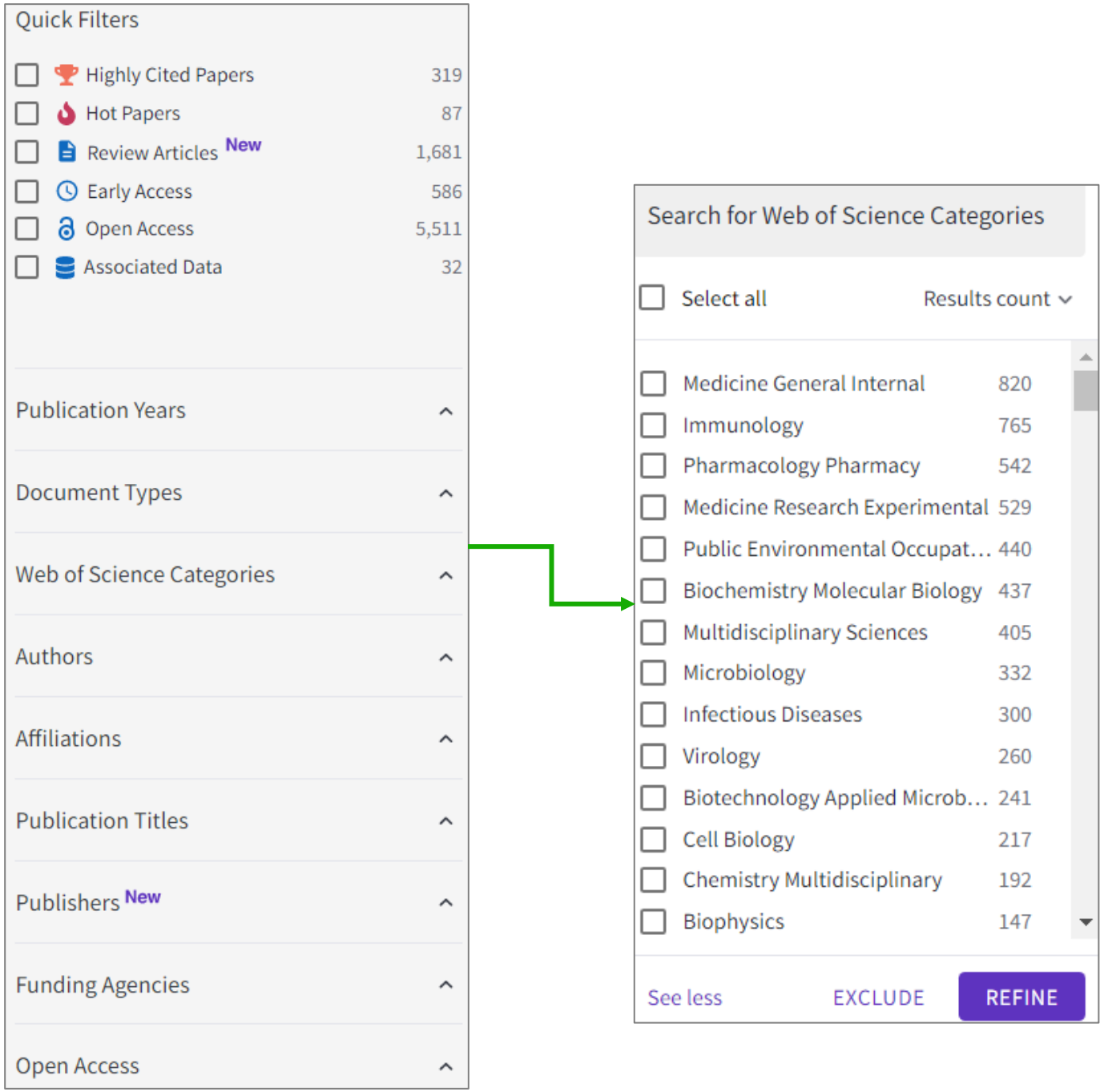
This Highly Cited and Hot paper has many Related Records.

This Related Record was not in the original set of results, as it did not have "vaccin*" in the Title, Abstract, or Keywords.

Looking at the full text, it was relevant to our search.

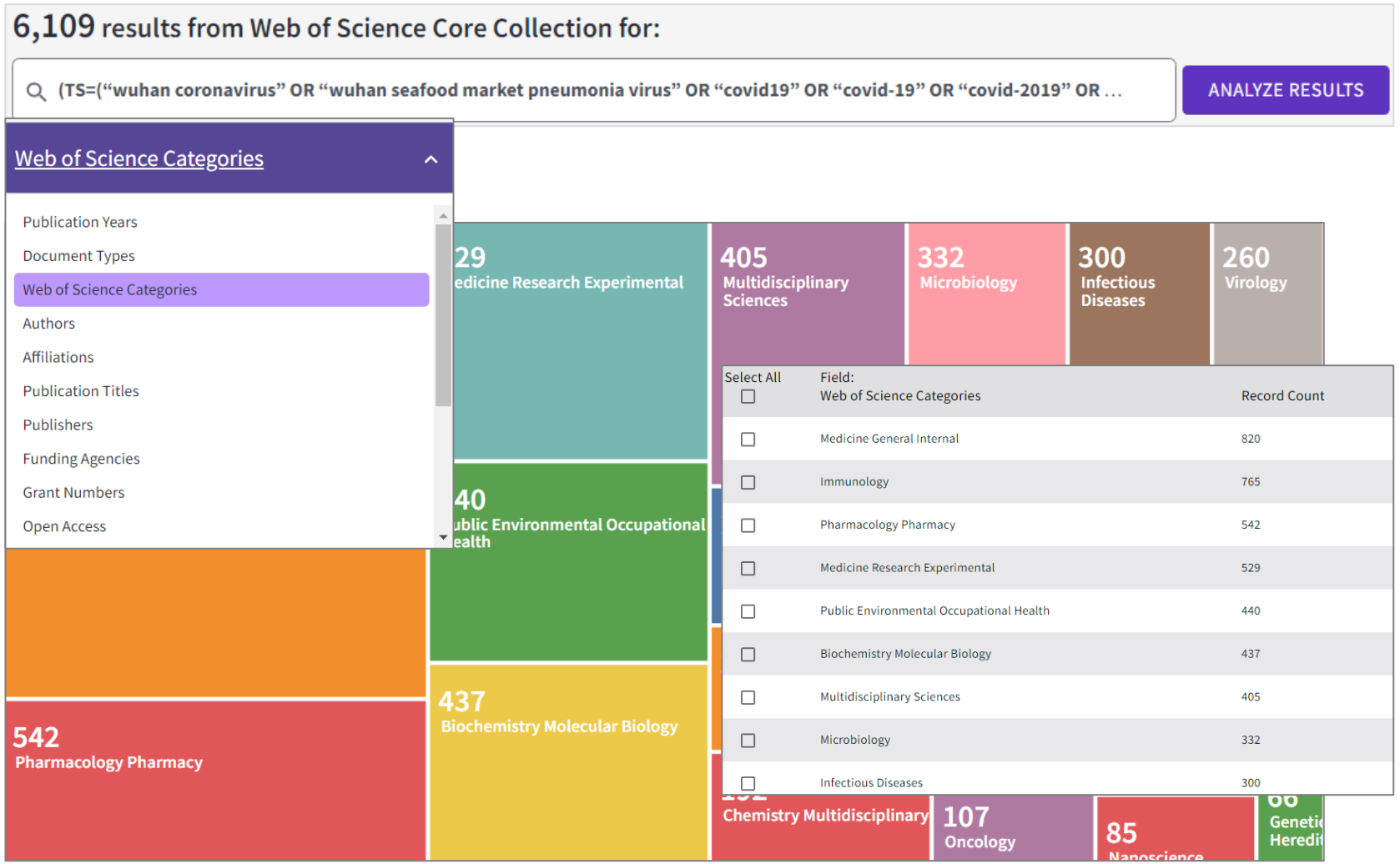


Filter options



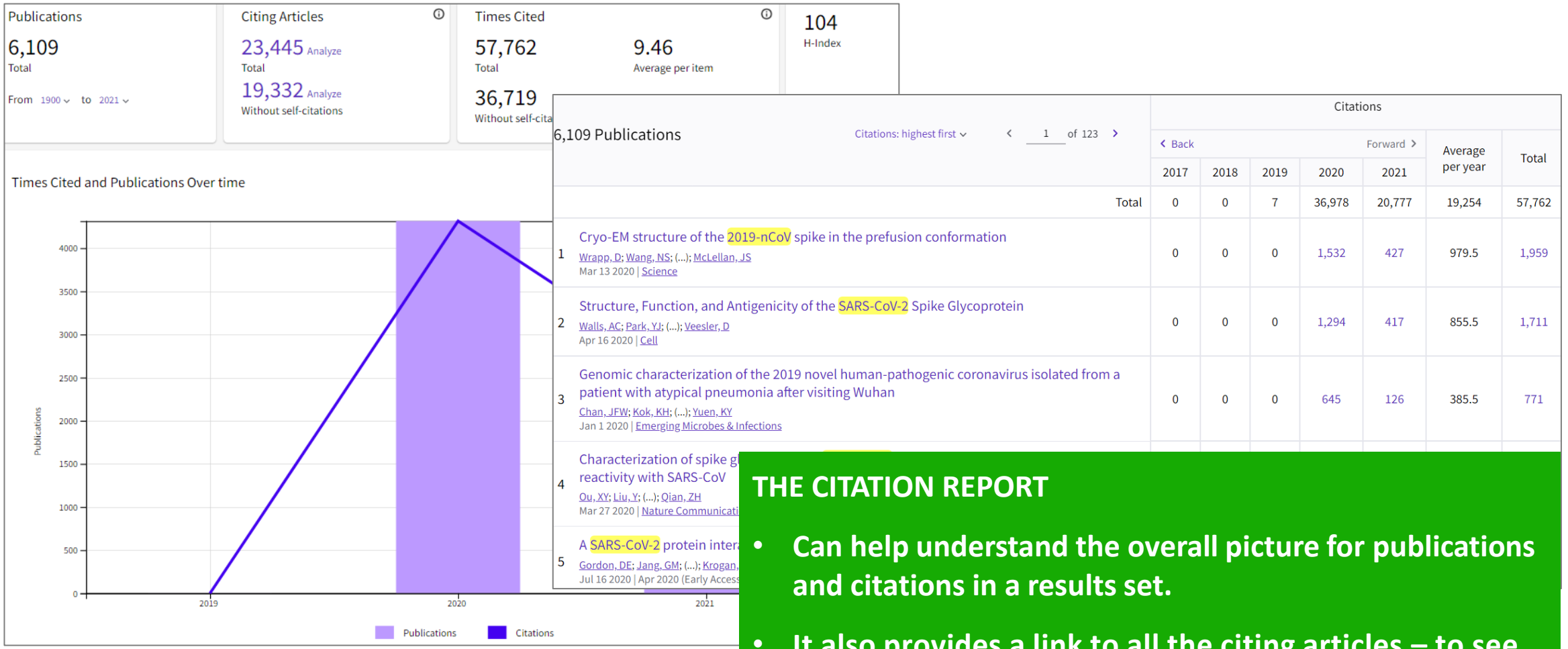
2. Înțelegerea rezultatelor cercetării

Analyze Results ↗



- ***Analyze Results*** **provides a great way to see a top level view of your results.**
- **The table & visualisation can be exported.**

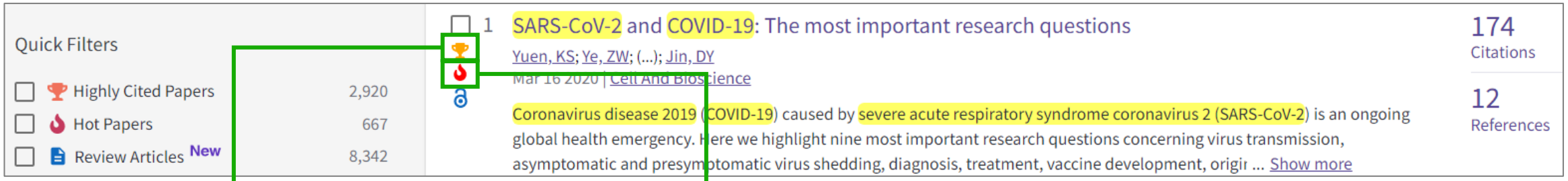
Citation Report ↗



THE CITATION REPORT

- **Can help understand the overall picture for publications and citations in a results set.**
- **It also provides a link to all the citing articles – to see where the research has led.**

Assessing the impact of documents



As of September/October 2020, this highly cited paper received enough citations to place it in the top 1% of the academic field of **Biology & Biochemistry** based on a highly cited threshold for the field and publication year.

Data from Essential Science Indicators

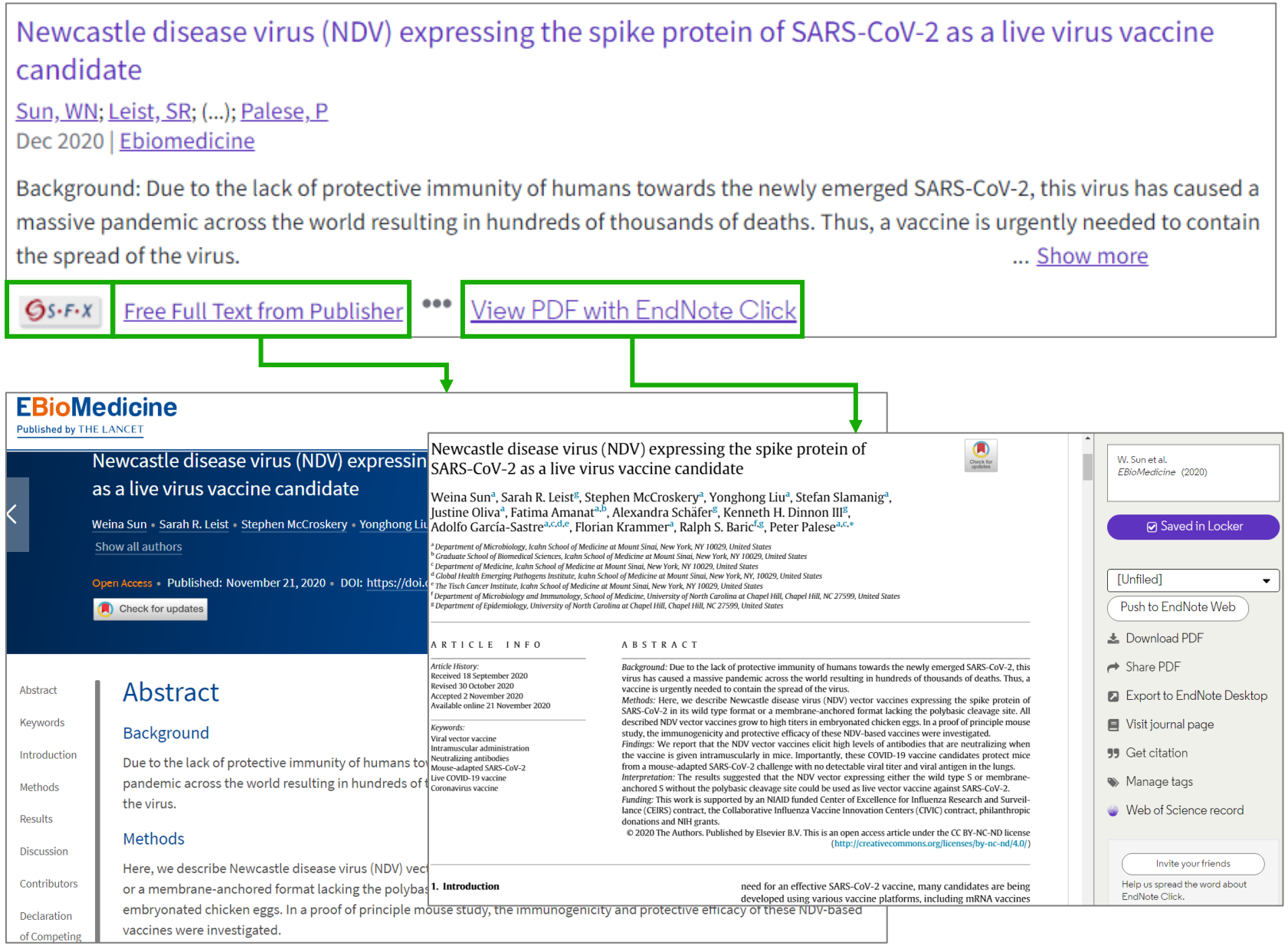
This hot paper was published in the past two years and received enough citations in September/October 2020 to place it in the top 0.1% of papers in the academic field of **Biology & Biochemistry**.

Data from Essential Science Indicators

- **With *Essential Science Indicators*, Highly Cited Papers & Hot Papers will be indicated on documents performing above expectation.**
- **These indicators put the number of citations into context, to assess the real impact of documents.**

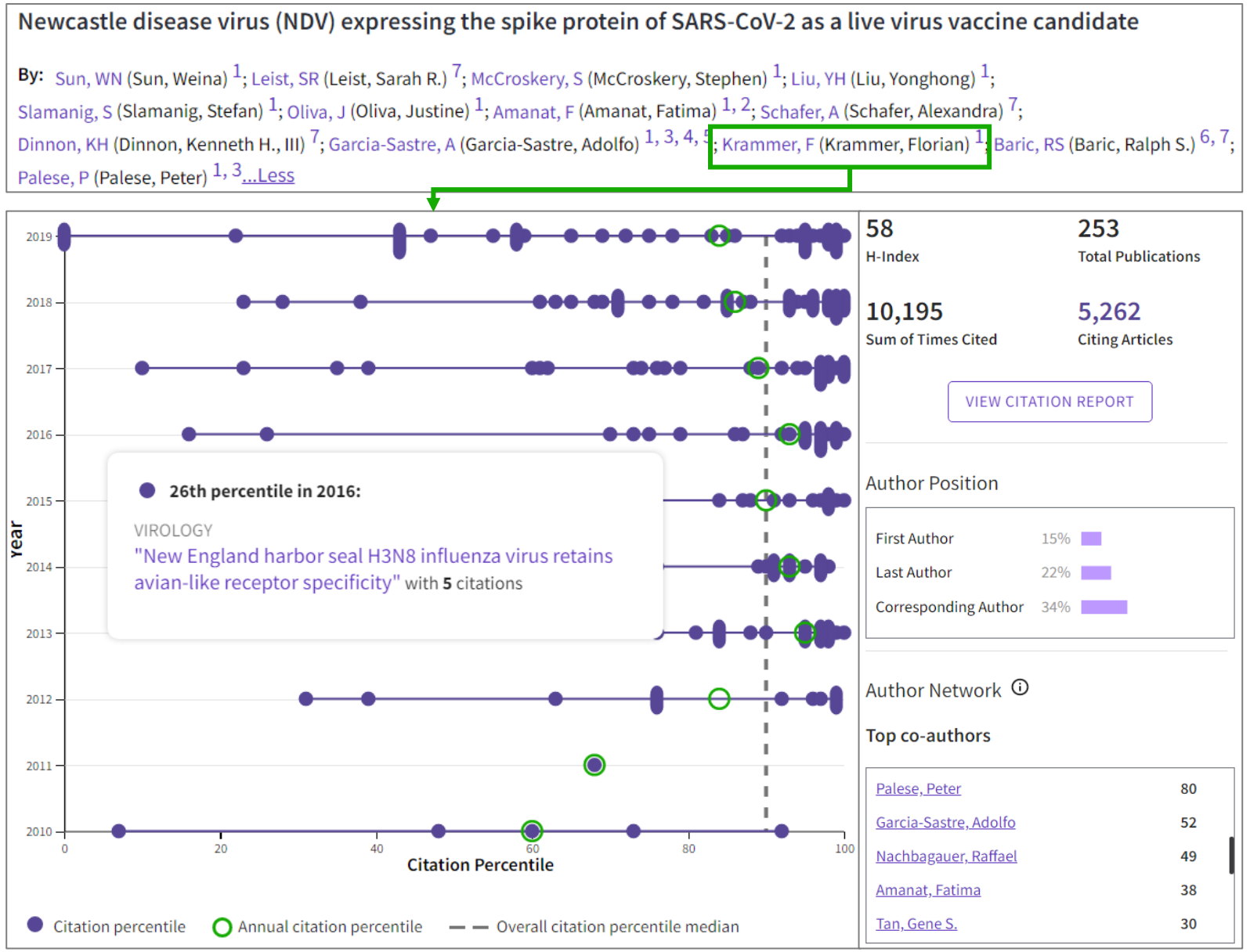
Full Text options

- Using your institution's tool (SFX, OpenURL, etc.).
- Link to the Publisher's website (either paid or free) and an Open Access link to repositories if available.
- If you have installed *EndNote Click*, it will check your subscription, plus free sources and will either provide a link to the full text or to your library tool.



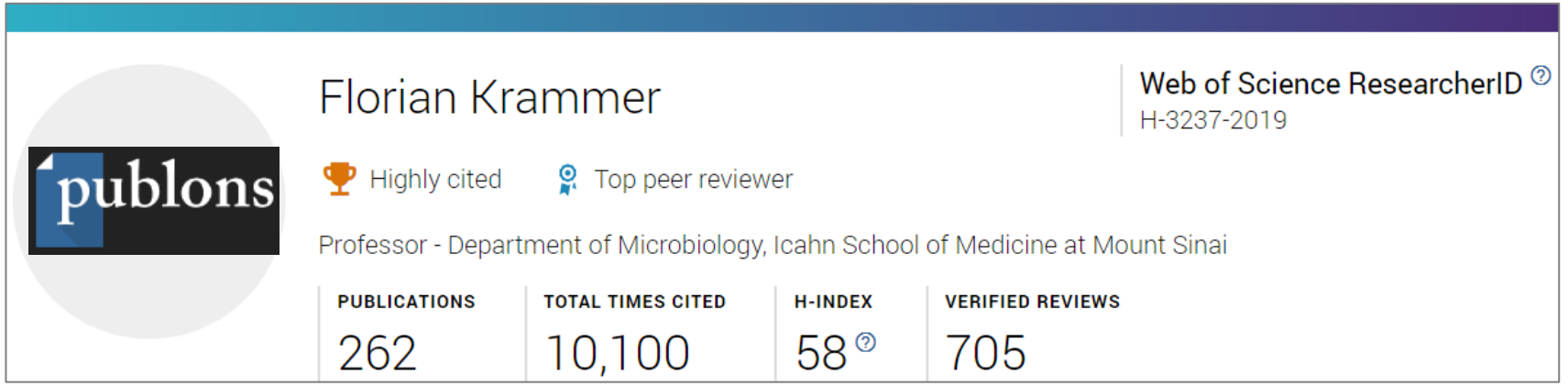
Author Records ↗

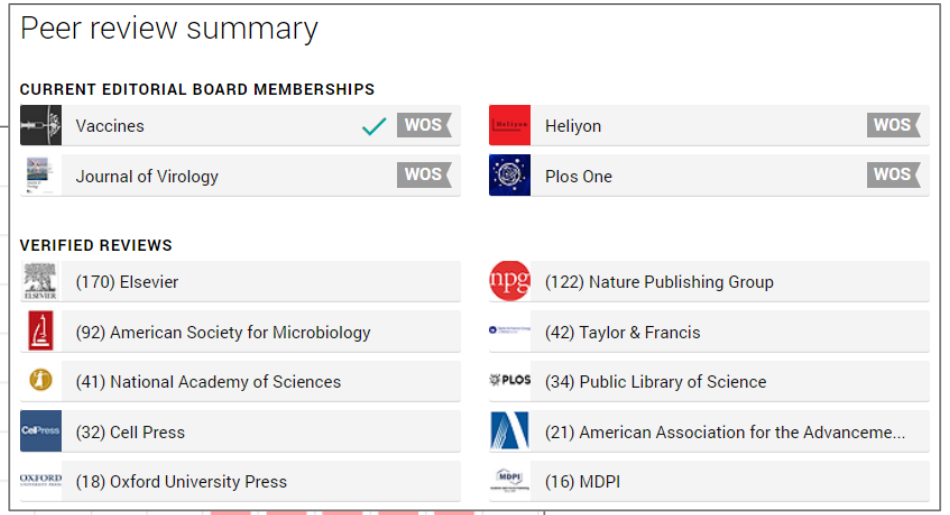
- Author Records are useful for identifying collaborators & experts.
- In the Author Impact Beamplot, popups show document specific metrics.
- Link to the author's Publons profile.

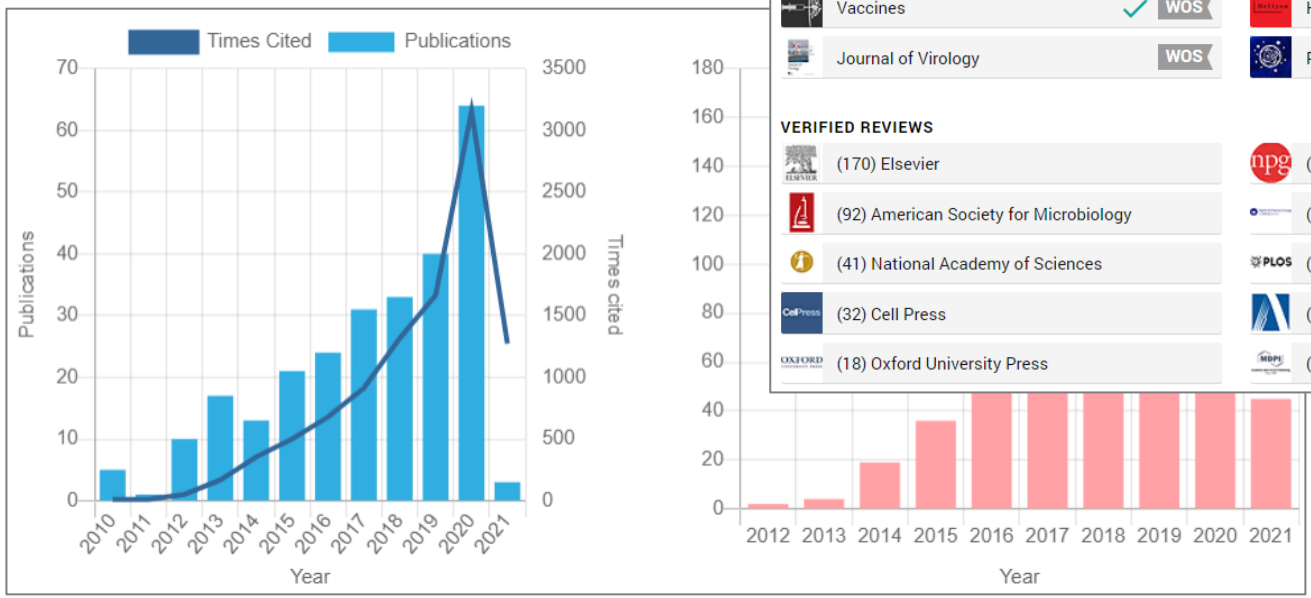


Publons profiles

A *Publons* Profile shows all publications a researcher has been involved in, and also their peer review, grant review and editorial activities.



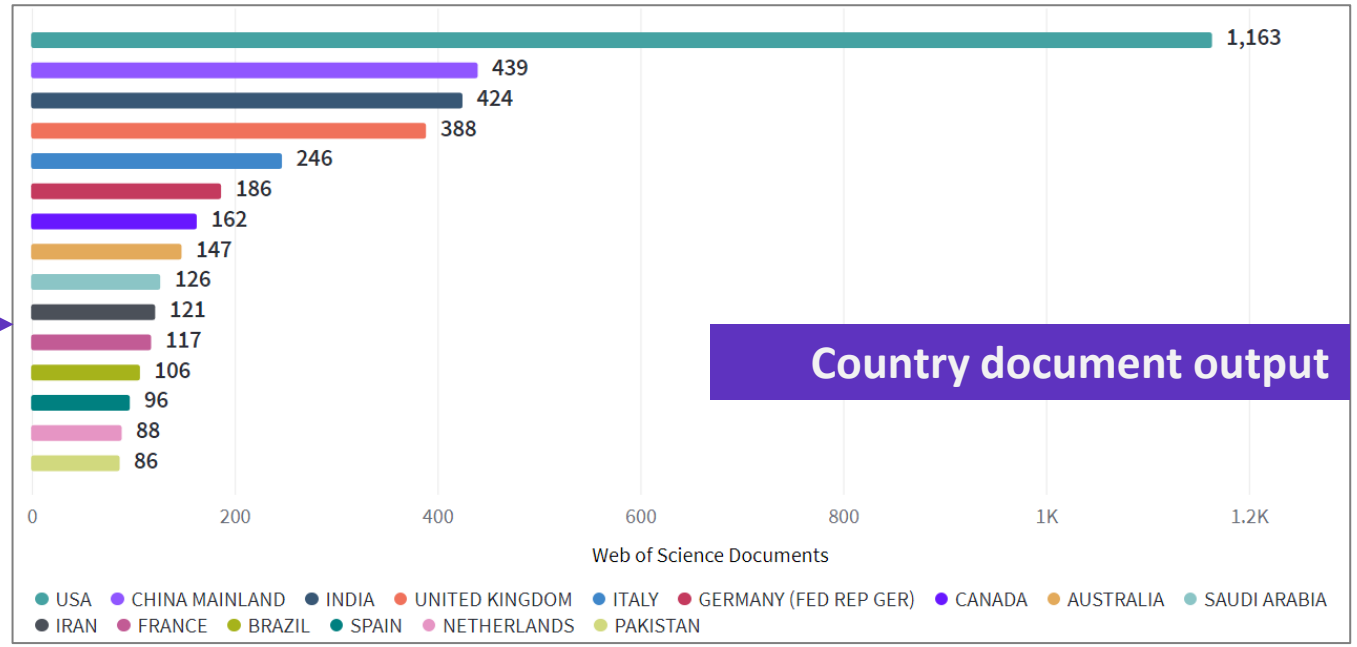


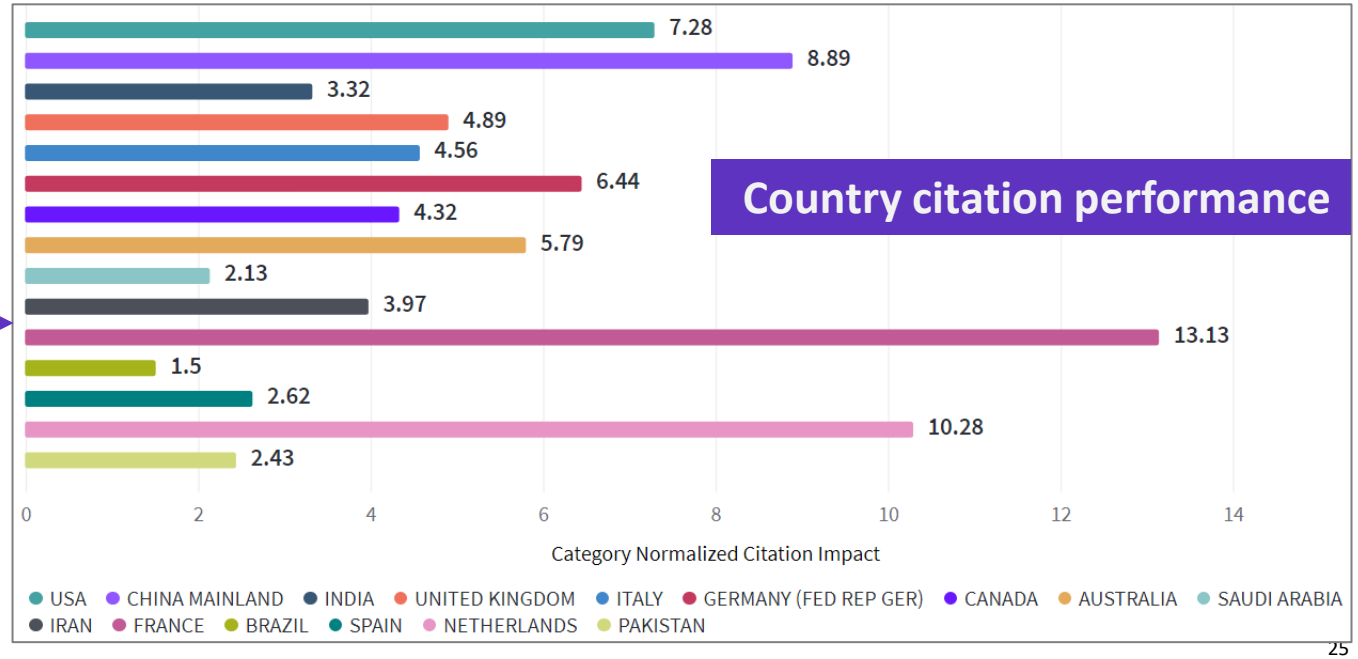


Research assessment with InCites

Exporting results to InCites Benchmarking & Analytics for detailed analysis.

Example: the Category Normalized Citation Impact of French publications.





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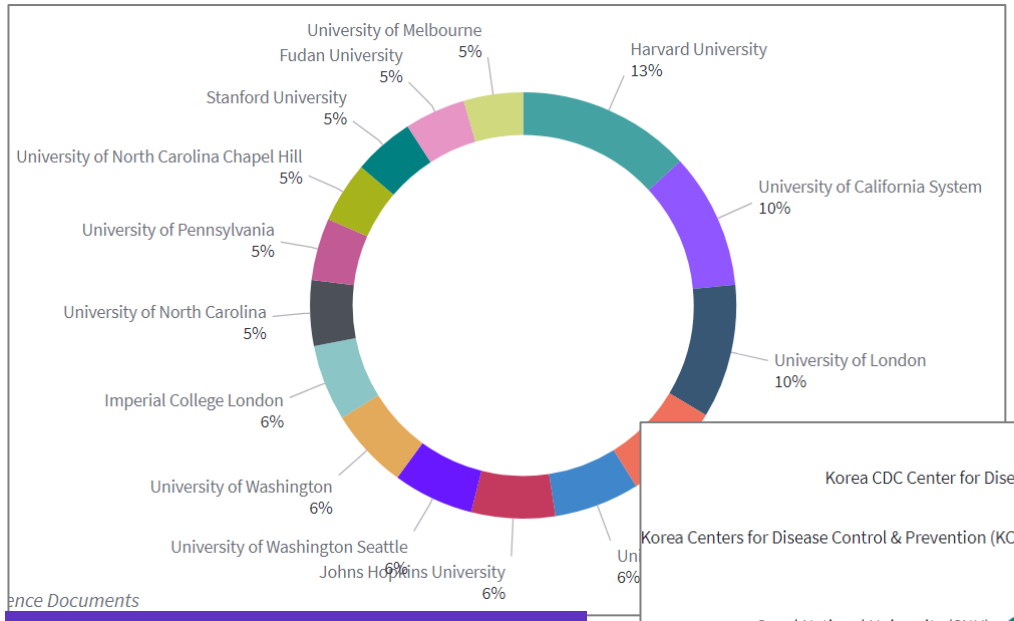
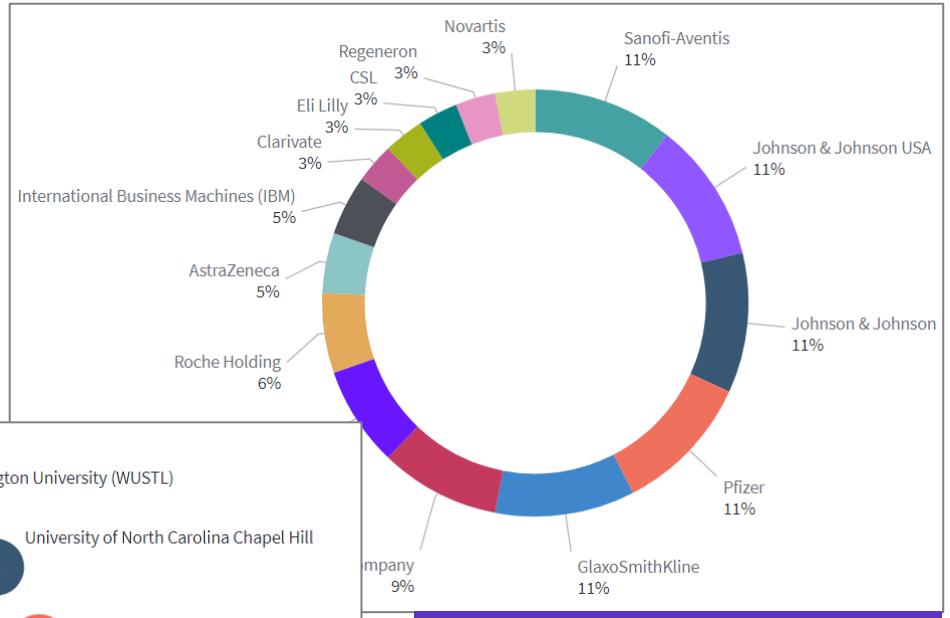
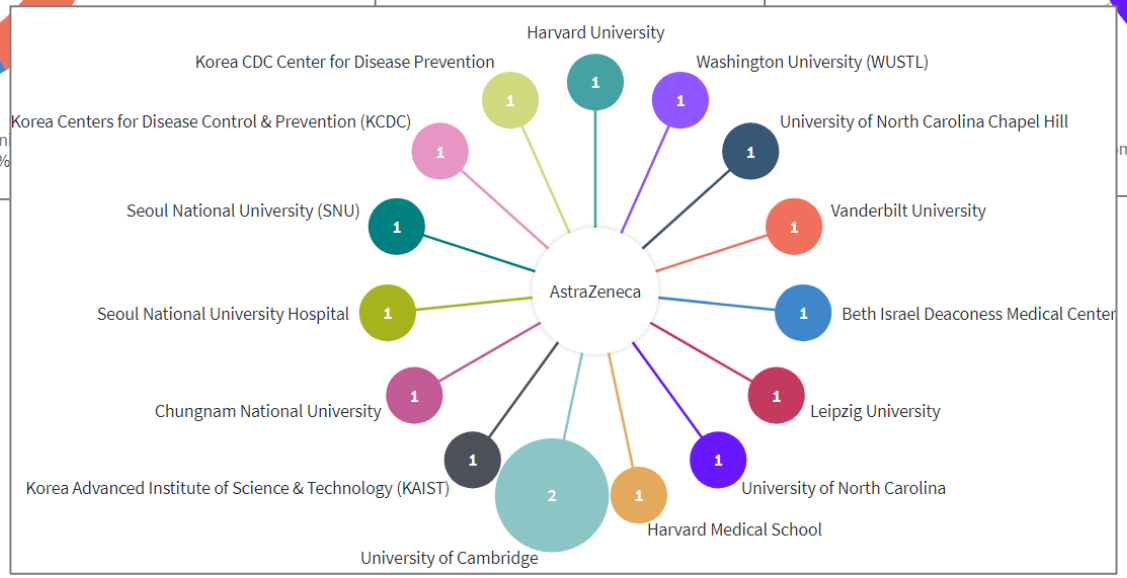
Research assessment with InCites



Documents involving Academics organisations



Documents involving Corporate organisations



AstraZeneca collaboration – 3 papers, no Oxford

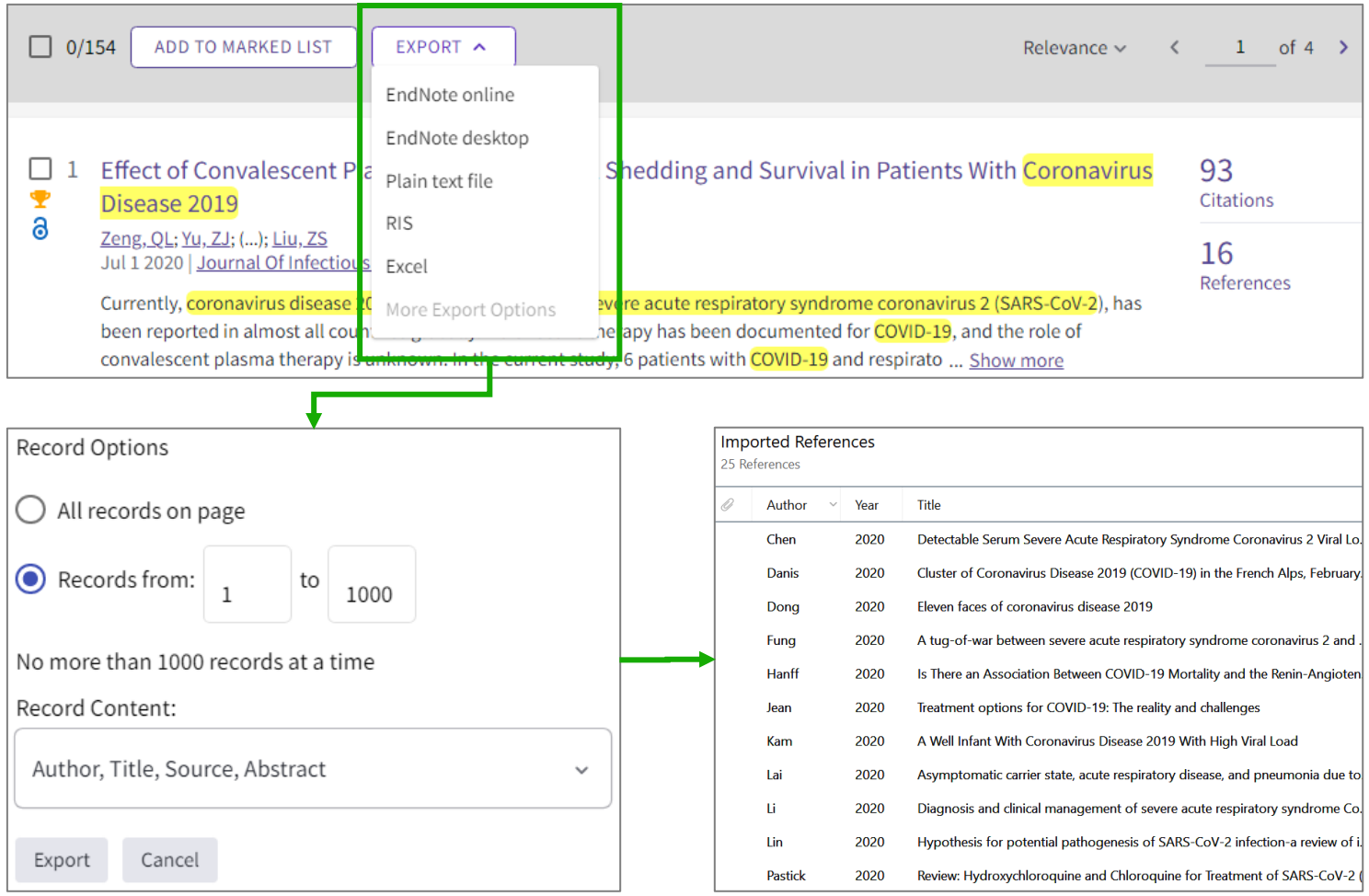
3. Salvarea datelor și actualizarea acestora

Exporting to a Reference Manager

Direct exports to both EndNote Desktop and EndNote Online.

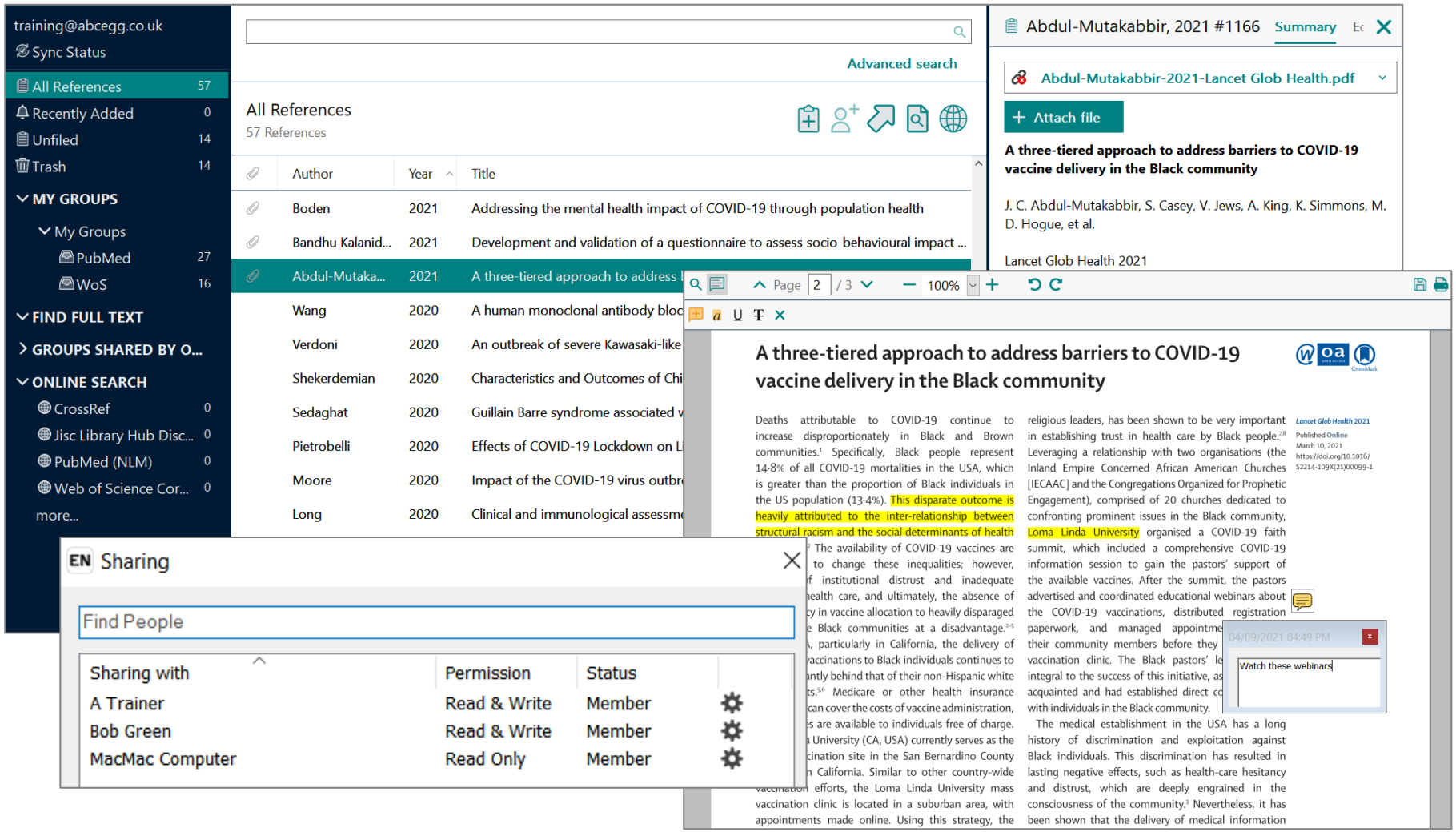
For other reference managers the RIS option can be used.

Up to 1000 documents can be exported at a time, for larger sets use batches.



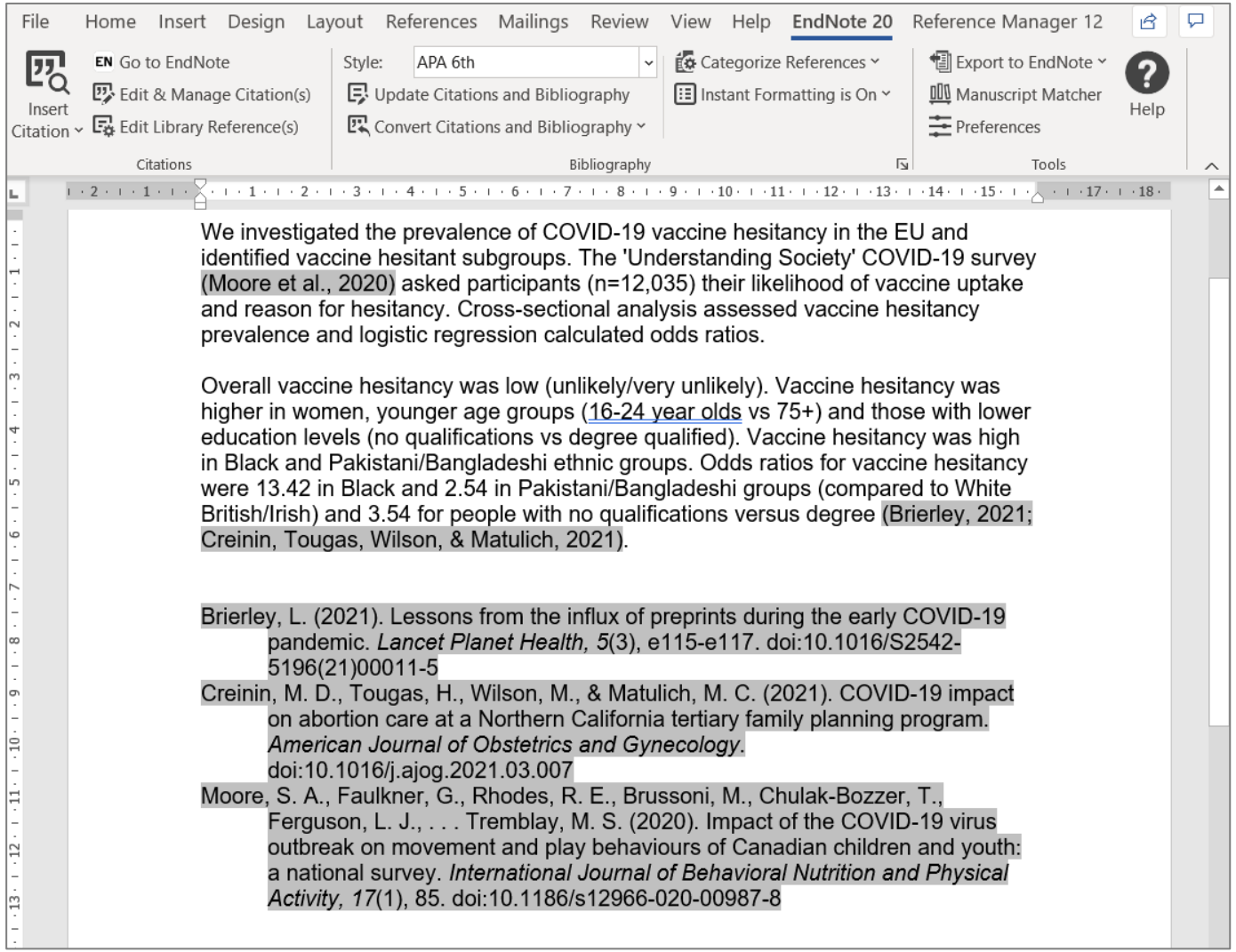
Organising references

- Use Groups to quickly find similar references.
- Annotate references.
- Get EndNote to find and attach freely available full text PDFs.
- View and add notes to the attached PDFs.
- Share your library with up to 100 other users.

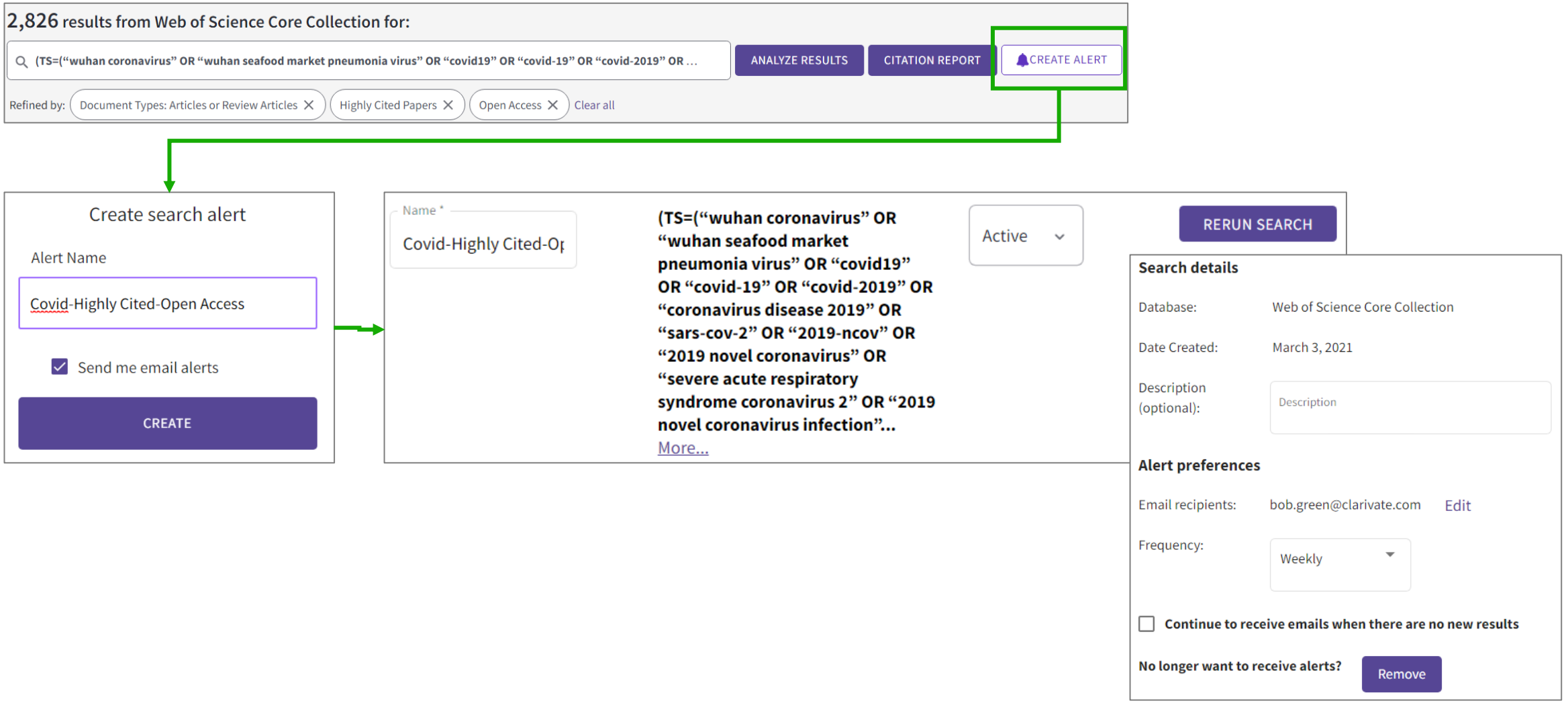


Citing References

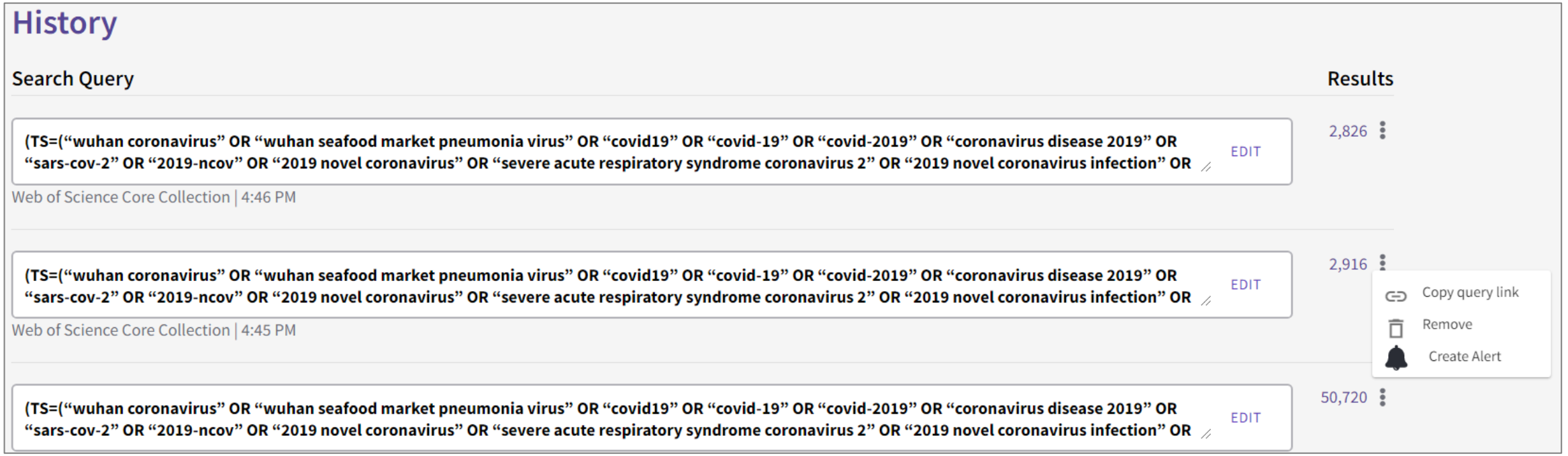
- Use the EndNote ribbon in Word to insert and format your citations.
- The *Cite While You Write* tool is dynamic – updating the citations and reference list instantly to reflect changes.
- Over 7200 journal styles are included, to apply as required.
- Additional styles can be created using EndNote's in-built editor.



Creating an Alert

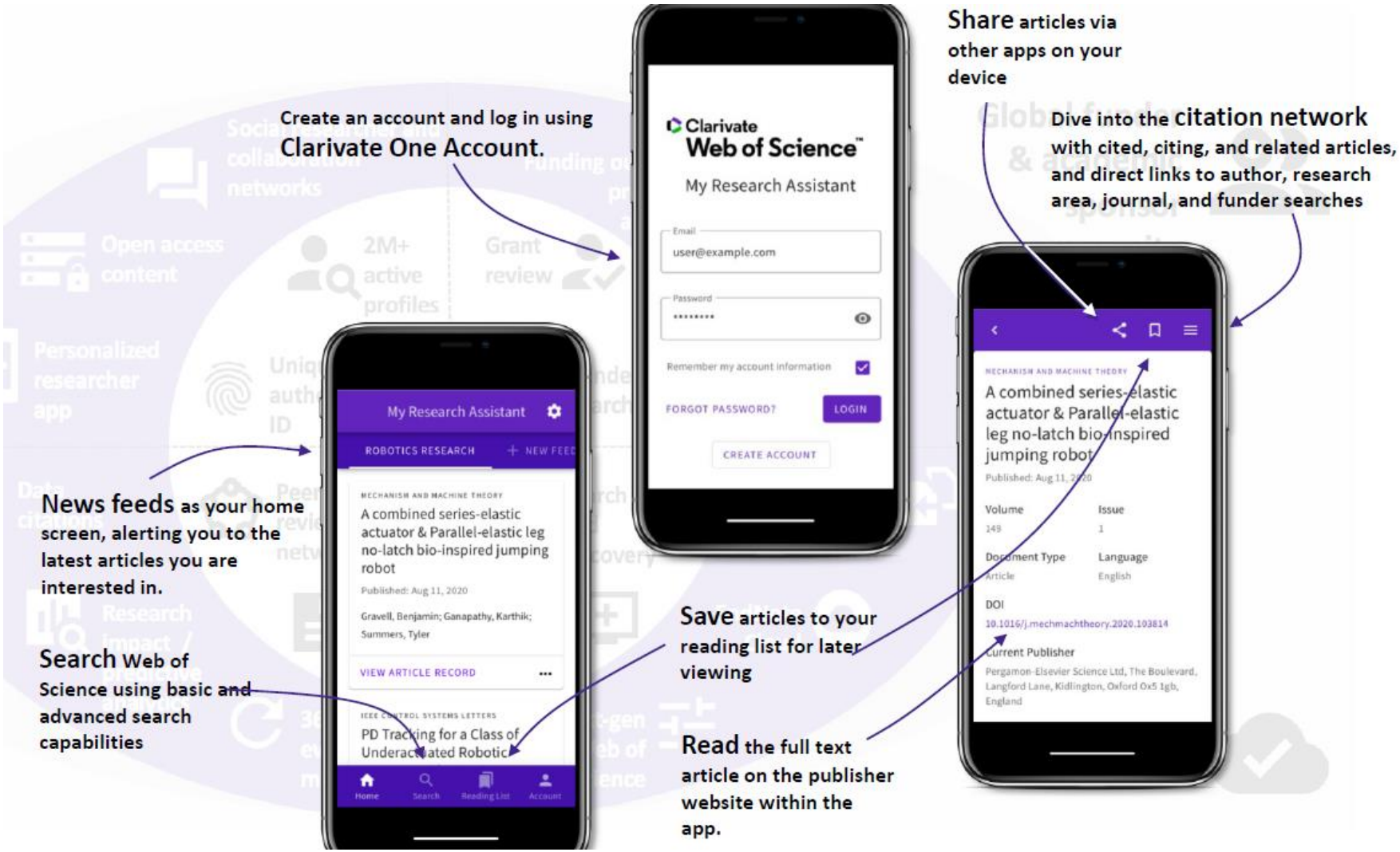


Search History



- ✓ **Searches can be removed from the History, made into Alerts, and a Query Link can be copied, to send to others.**
- ✓ **In the Advanced Search, previous searches can be added or combined together, to a create new searches.**

Web of Science Mobile App



My Research Assistant "MyRA" brings the power of Web of Science to the palm of your hand

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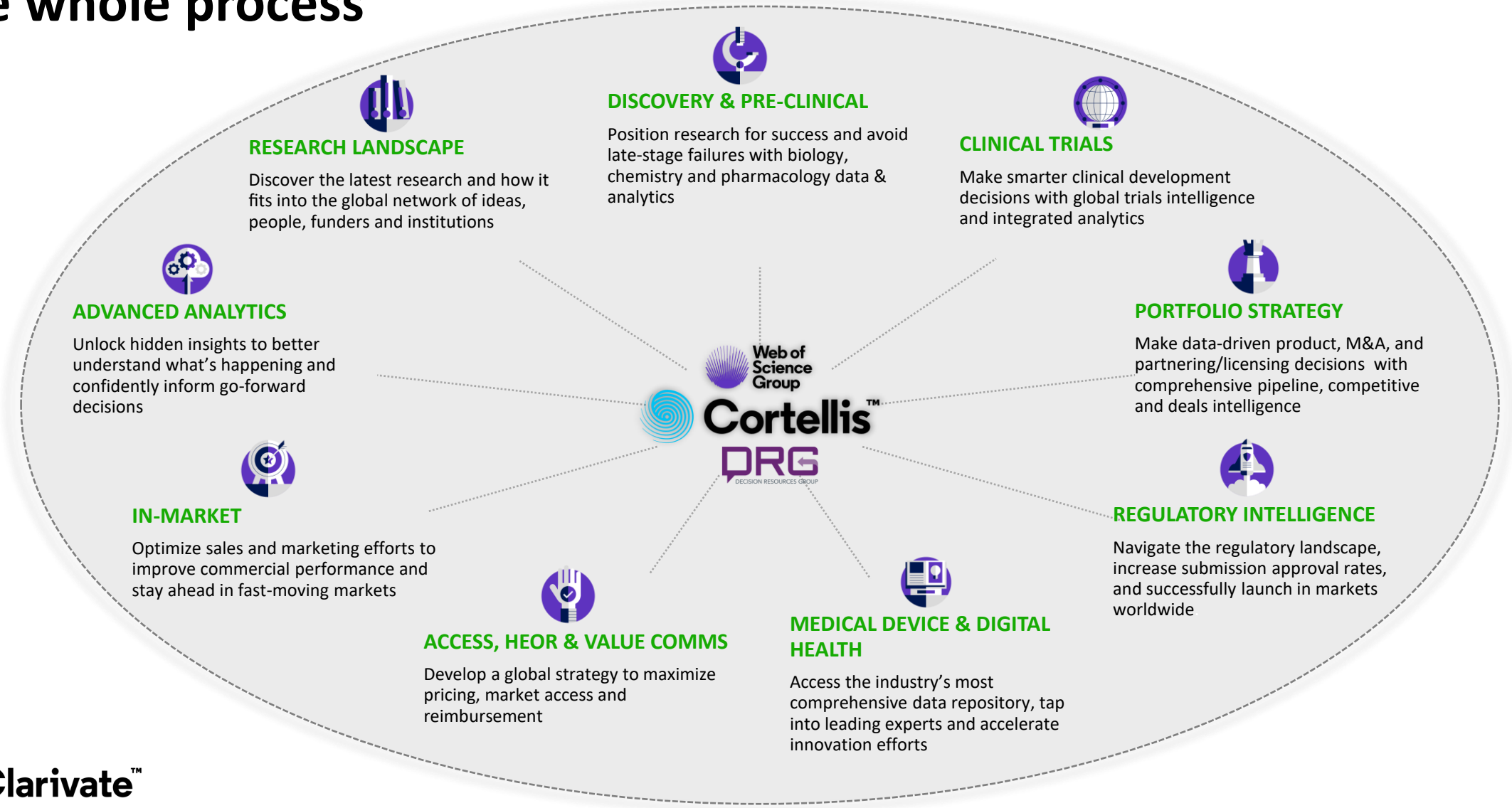
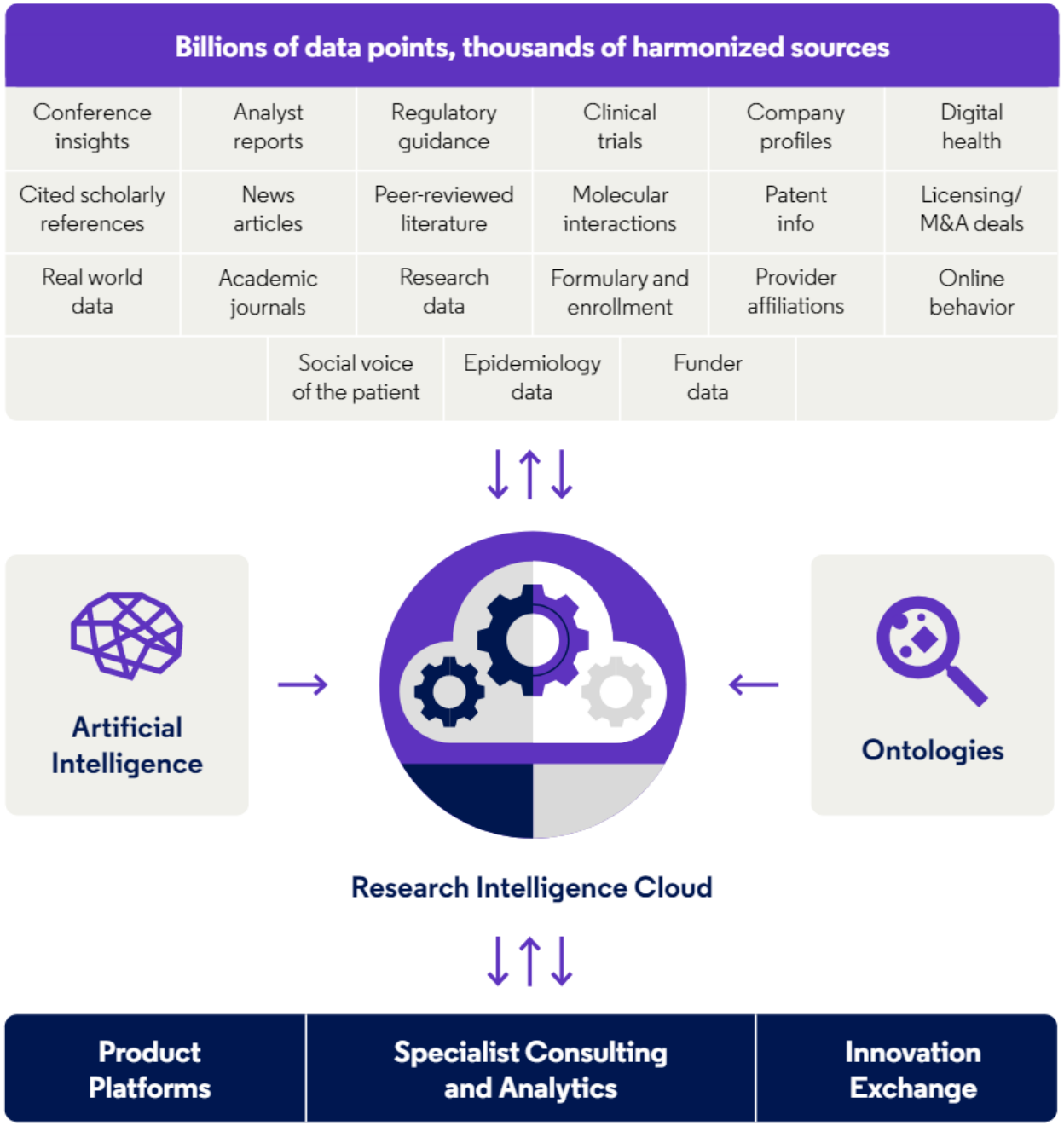
4. Experiența noastră în Life Sciences

End-to-end interconnected capabilities delivering information across the whole process



Behind the scenes

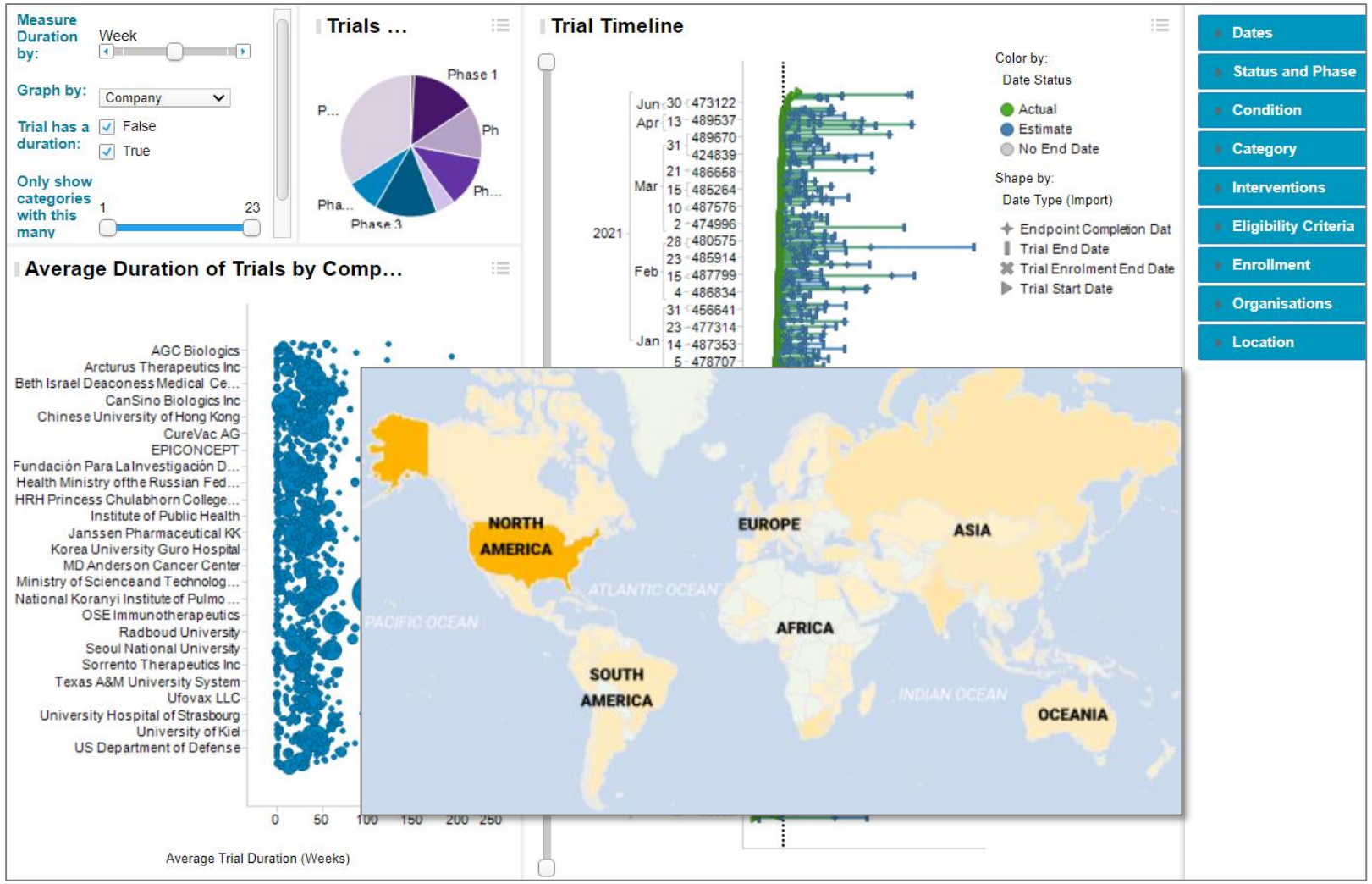
- ✓ We gather information from thousands of sources.
- ✓ After curation, it resides in our *Research Intelligence Cloud*.
- ✓ The clous is used to feed our products, enabling our customers to carry out their own analysis at any time.



Cortellis Clinical Trial Intelligence ↗

Discover Trials activity across the globe and drill down to the areas of interest.

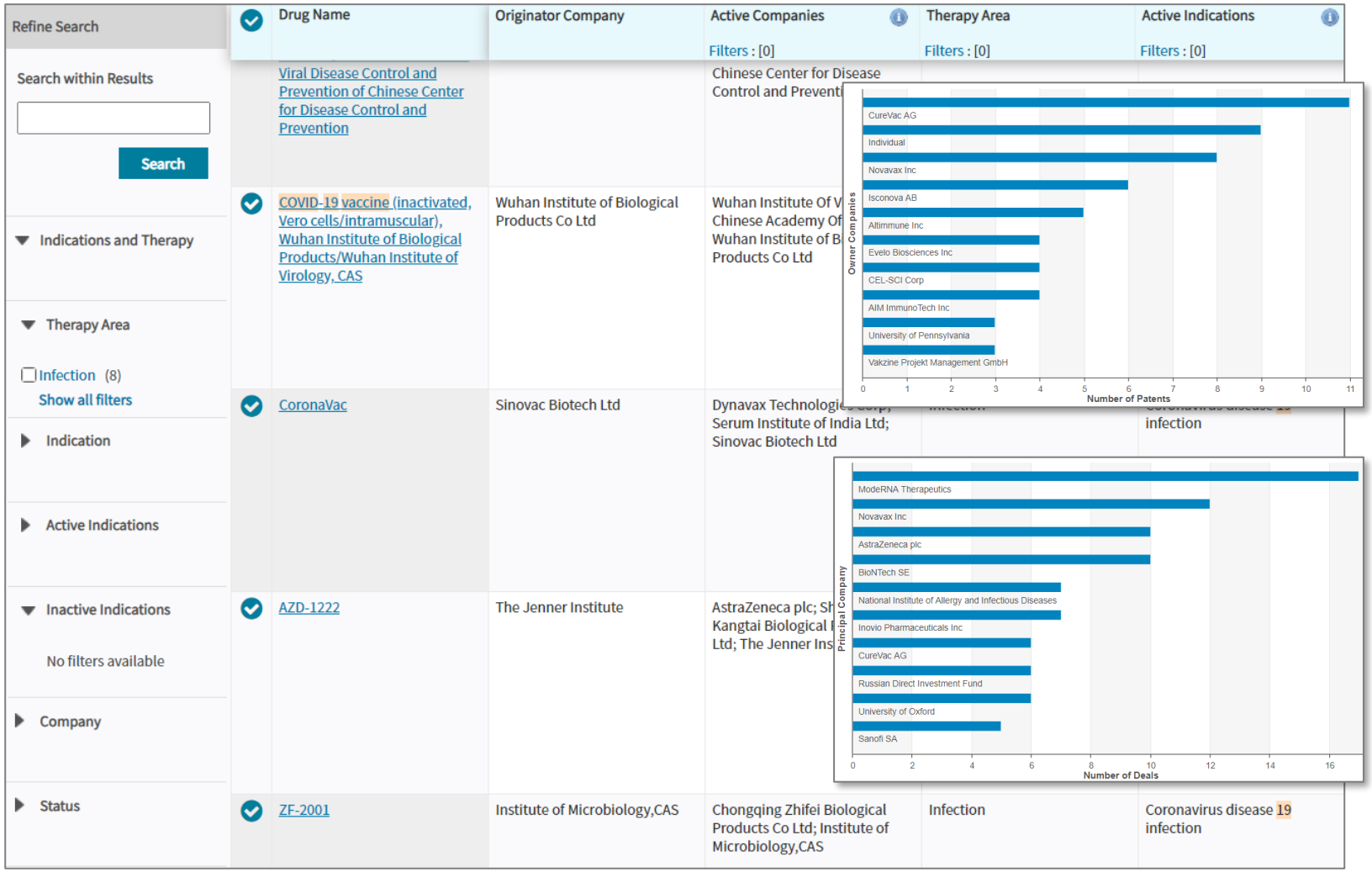
Example: trials for a Covid vaccine.



Cortellis Competitive Intelligence ↗

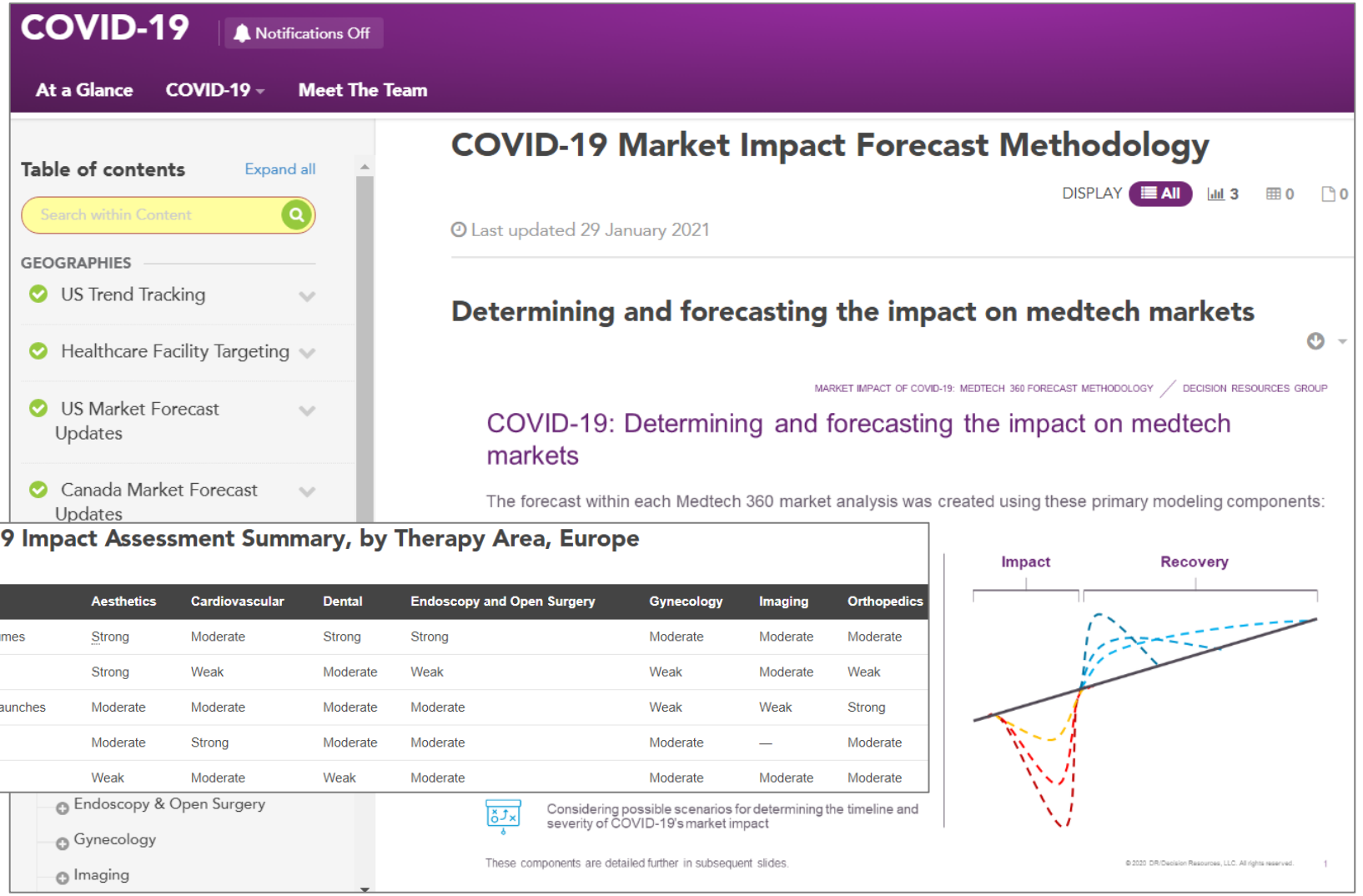
Discover the collaboration that has taken place across the world in your area of interest.

Example: launched Covid vaccines



Decision Resource Group (DRG) ↗

Find out what impact Covid-19 is having on the medtech/phama markets.



COVID-19 Impact Assessment Summary, by Therapy Area, Europe

Factor	Aesthetics	Cardiovascular	Dental	Endoscopy and Open Surgery	Gynecology	Imaging	Orthopedics
Procedure Volumes	Strong	Moderate	Strong	Strong	Moderate	Moderate	Moderate
ASPs	Strong	Weak	Moderate	Weak	Weak	Moderate	Weak
New Product Launches	Moderate	Moderate	Moderate	Moderate	Weak	Weak	Strong
Clinical Trials	Moderate	Strong	Moderate	Moderate	Moderate	—	Moderate
Supply Chain	Weak	Moderate	Weak	Moderate	Moderate	Moderate	Moderate

BioWorld ↗

With writers and editors around the globe, BioWorld reports the breaking news.

BioWorld provides key perspectives on medicines, companies, business transactions, and regulatory information.

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BioWorld™

BioWorld | BioWorld MedTech | BioWorld Asia | BioWorld Science | Data Snapshots | Special reports

See today's BioWorld

Novavax's COVID-19 vaccine shows 100% protection against severe disease

Credit: Novavax Inc.

By Lee Landenberger March 12, 2021

Data from two Novavax Inc. clinical trials show its COVID-19 vaccine had 100% protection against severe disease, including hospitalization and death, paving the way for an emergency use authorization submission in the U.S.

Mild and moderate COVID-19 was dramatically reduced in both studies, according to the data, and some efficacy was confirmed in variant strains.

Final efficacy numbers from Novavax's phase III study of NVX-CoV2373 revealed the vaccine was 96.4% effective against mild, moderate and severe disease caused by the original COVID-19 strain. The efficacy numbers are very close to those

Vă mulțumesc!

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