Web of Science Group

A Clarivate Analytics company

Analytical Tools

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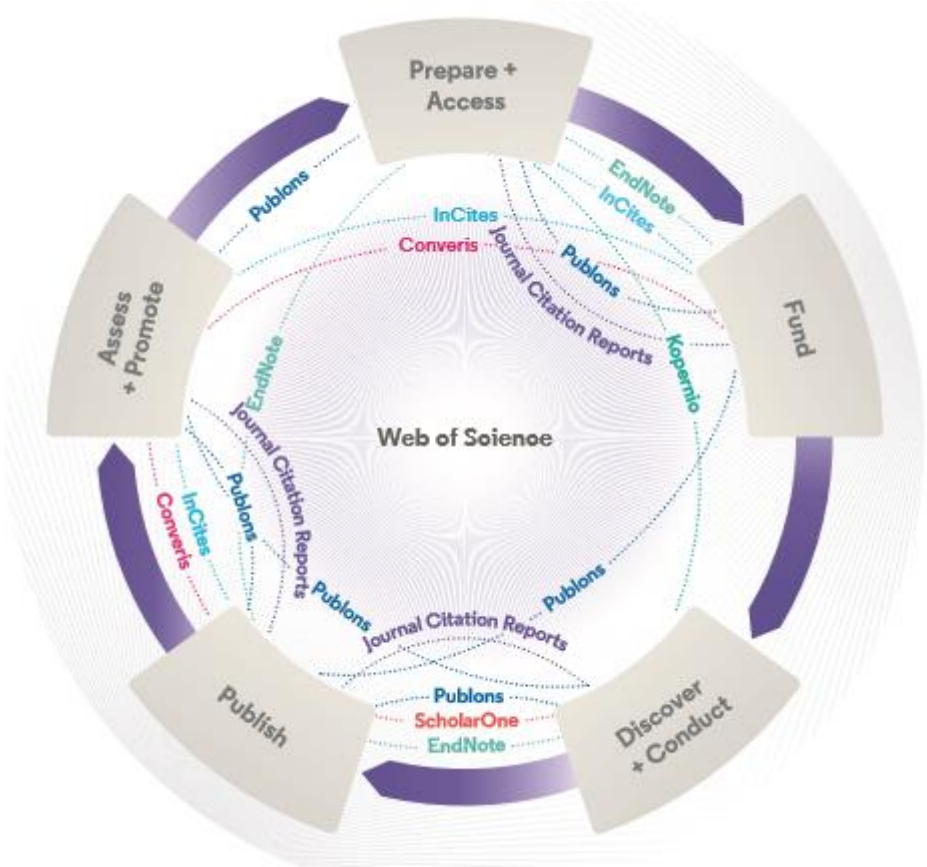
The literature research workflow

The Web of Science Group supports the entire 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.

ScholarOne
Simplified submission workflows and peer review for scholarly publishers and societies.

EndNote
A smarter way to streamline references and write collaboratively.

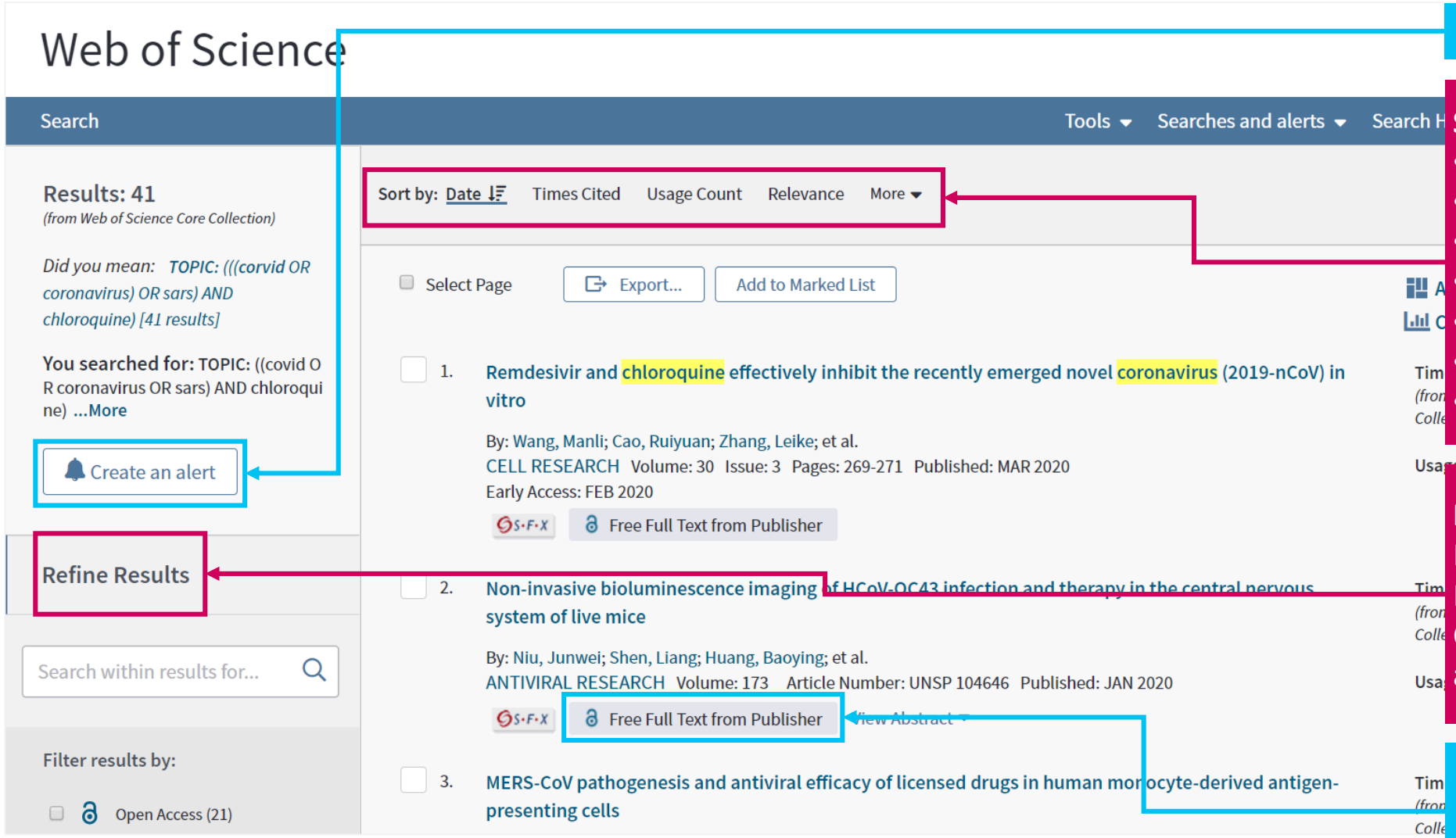
Kopernio
Fast, one-click access to millions of high-quality research papers.

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 visibility of their research and its impact.

Converis
One flow to let institutions collect, manage, and report on all research activity, working seamlessly with an institutions existing systems.

Web of Science Author Connect
Reach leading researchers in the sciences, social sciences, and arts and humanities.

Refine Results



Set up **alerts**

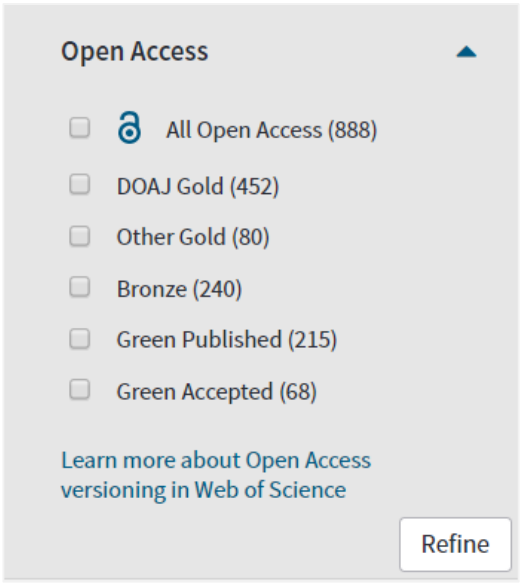
Sort results by:

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

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

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

Refine Results | Open Access in Web of Science



To support any types of analysis, Web of Science has introduced the different OA versions of articles, as per Unpaywall application:

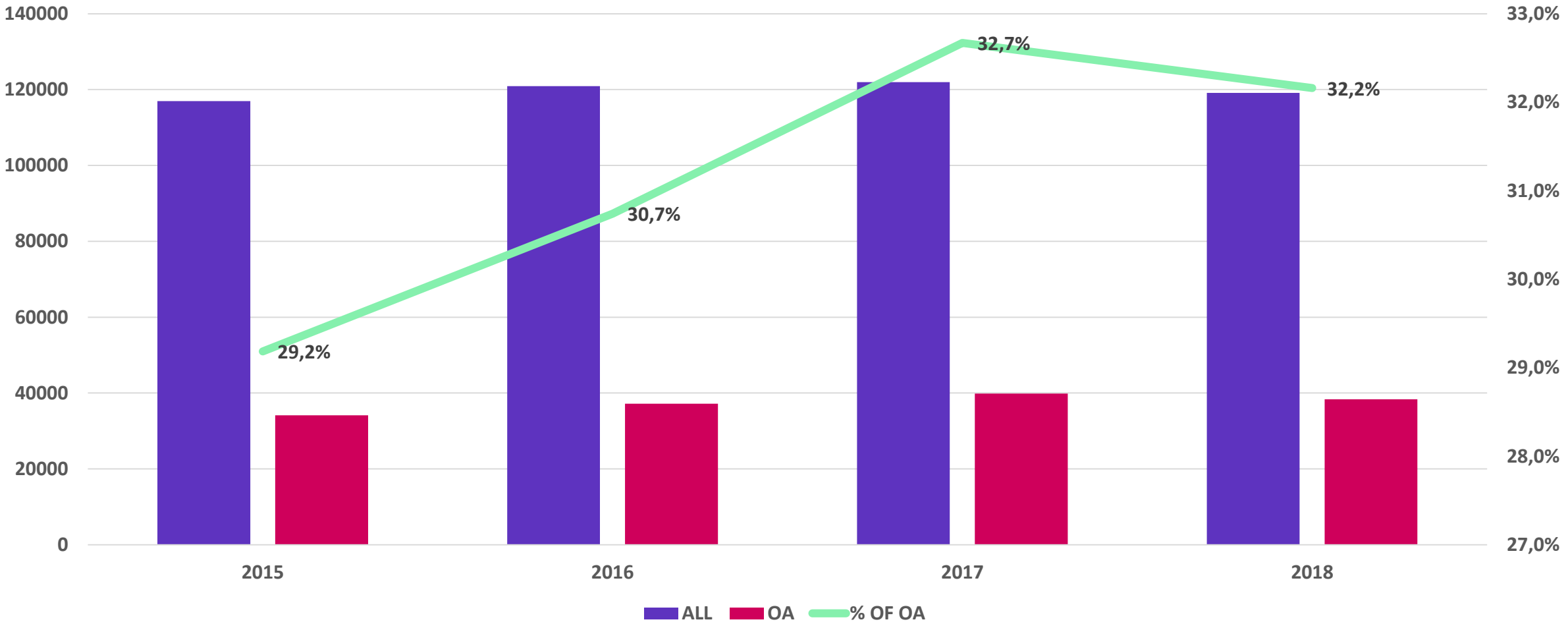
1. DOAJ Gold
2. Other Gold [e.g. Hybrid]
3. Bronze
4. Green (Accepted & Published)

All identified OA versions for an article are stored rather than just one. We will still preference the link to the “best” version: version of Record at the publisher website when available.

DISCOVER, EVALUATE AND ACCESS MILLIONS OF FREE, LEGAL VERSIONS OF HIGH-QUALITY OPEN ACCESS PAPERS

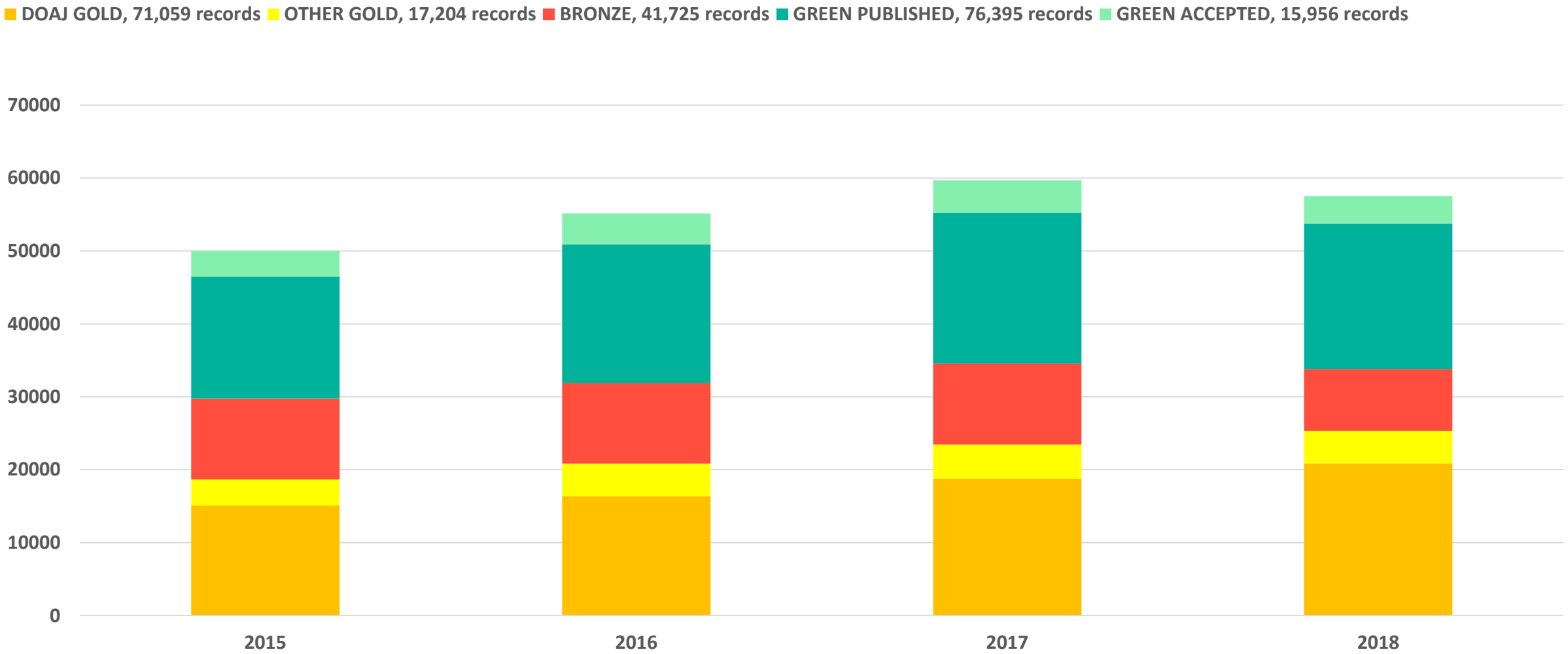
Refine Results | Percentage of Open Access*

31.2% of papers published between 2015-2018 are available in Open Access



* All Open Access. Learn more about Open Access versioning in Web of Science here.

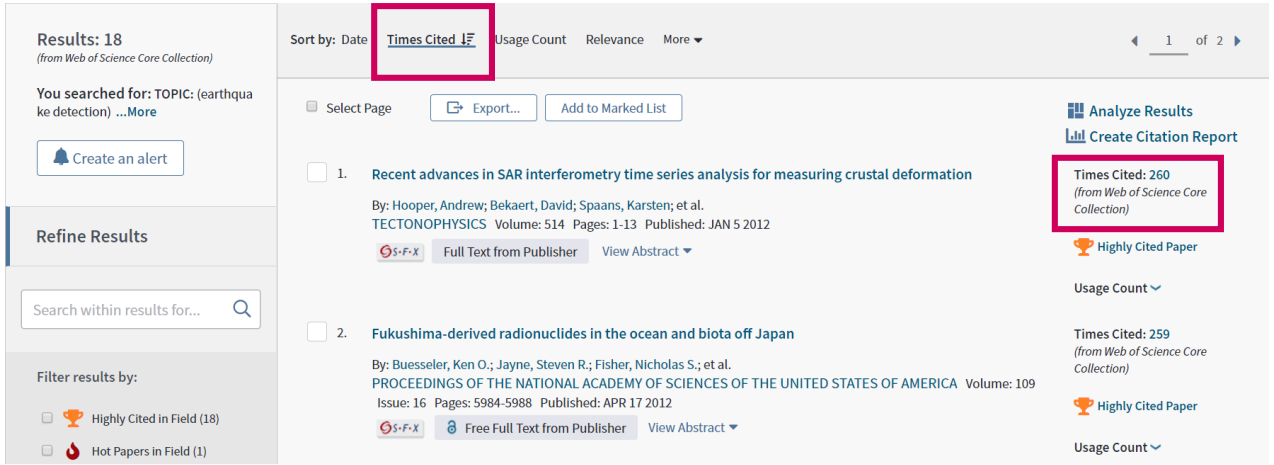
Refine Results | Evolution of Open Access versions



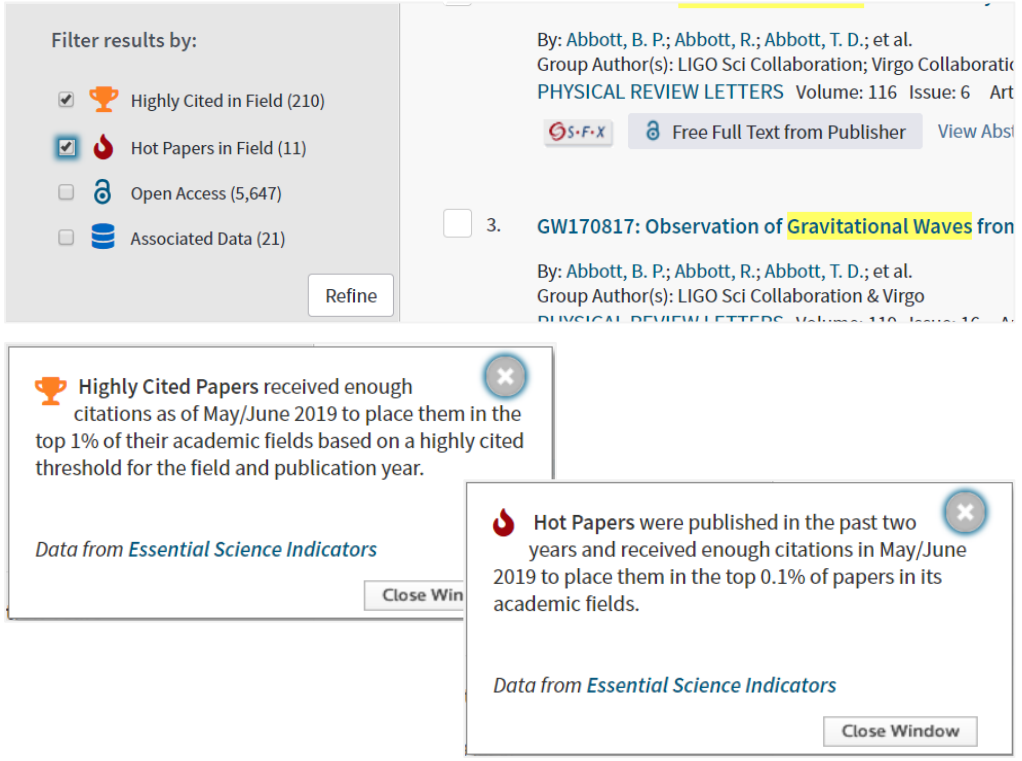
* All Open Access. Learn more about Open Access versioning in Web of Science here.

Refine Results | Identify top papers in your topics

Absolute Times Cited counts



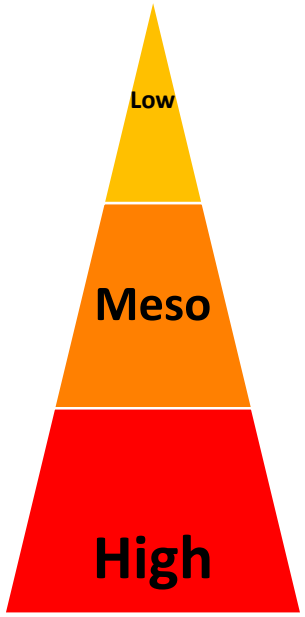
Highly Cited & Hot Papers



Refine Results | Highly Cited Papers & Hot Papers (ESI)

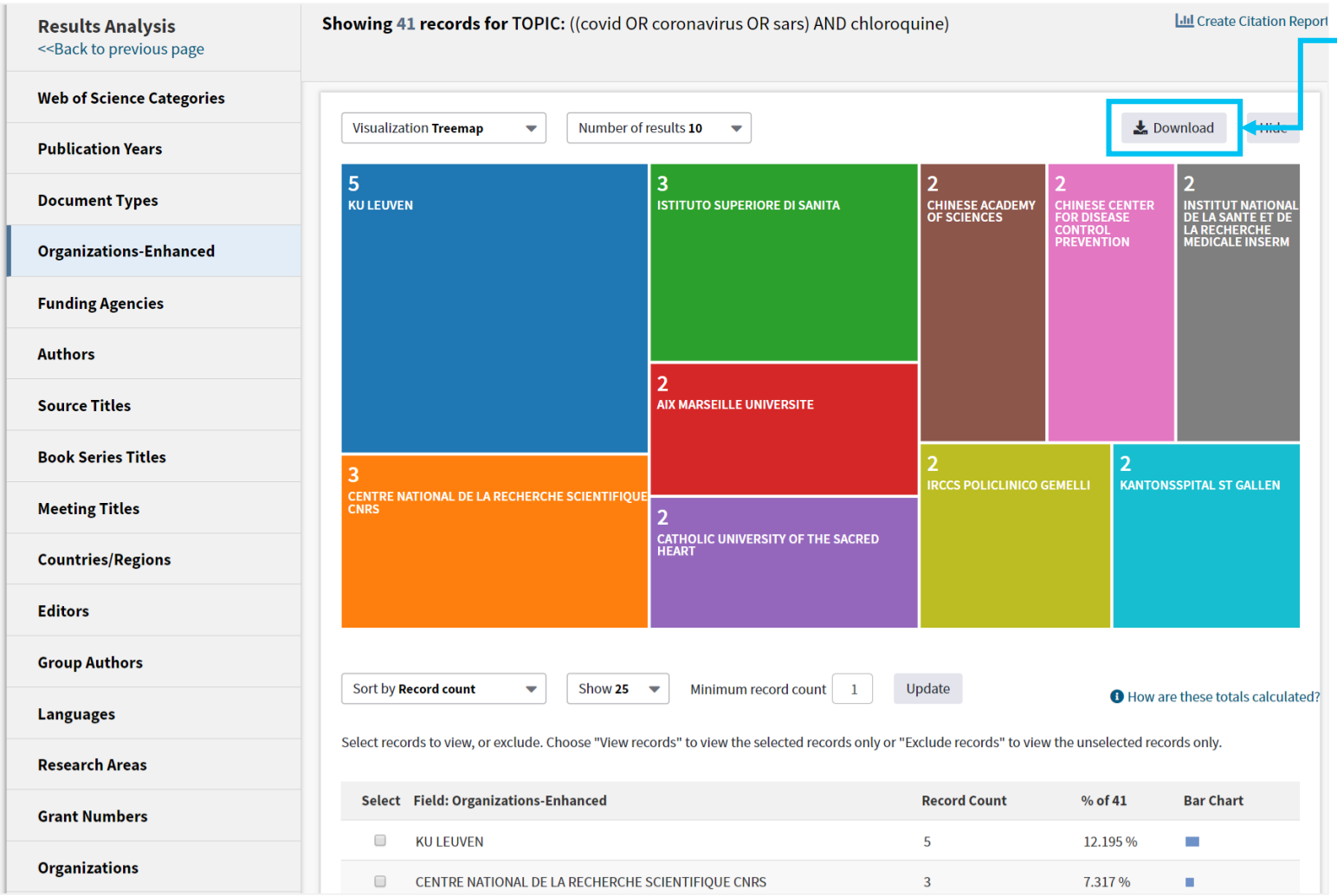
A class of selected indicators measuring scientific excellence and top performance which can be used to benchmark research performance against field baselines worldwide.

Level of Aggregation



	Citation Percentile	Data years examined
Highly Cited Papers	1%	10
Hot Papers	0.1%	2
Researchers	1%	10
Institutions	1%	10
Journals	50%	10
Countries	50%	10

Analyze results



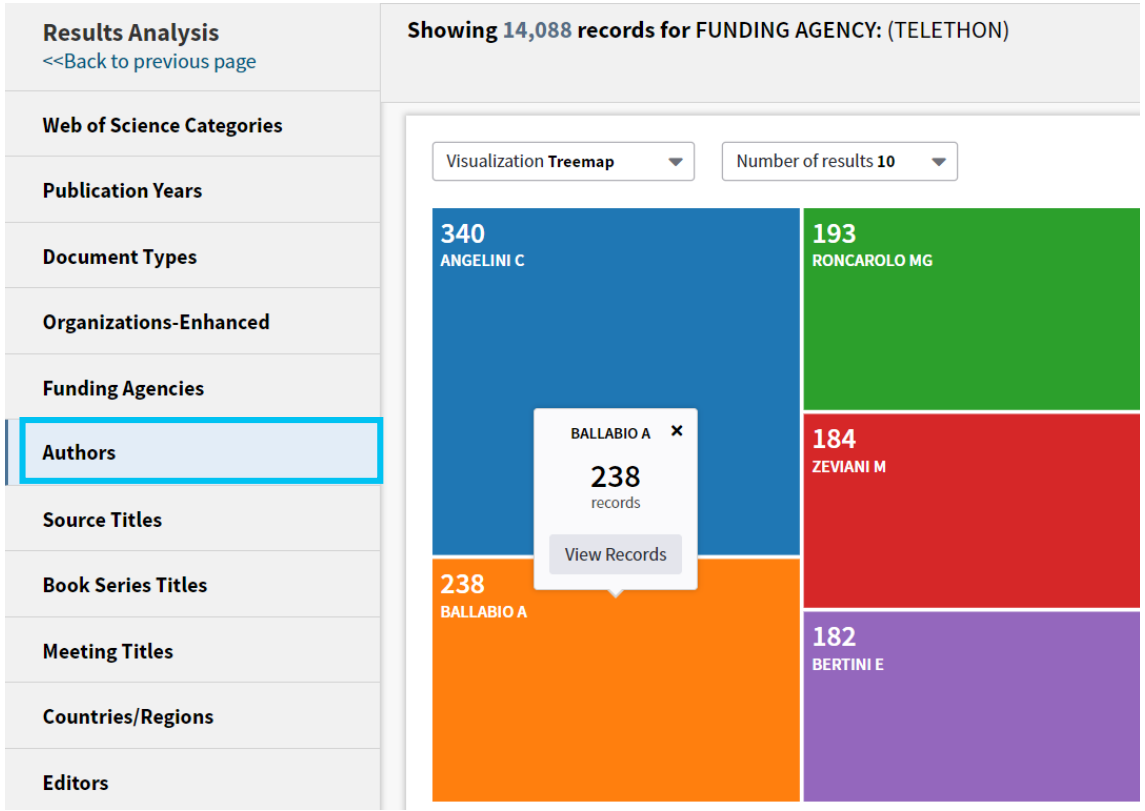
Export Data

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

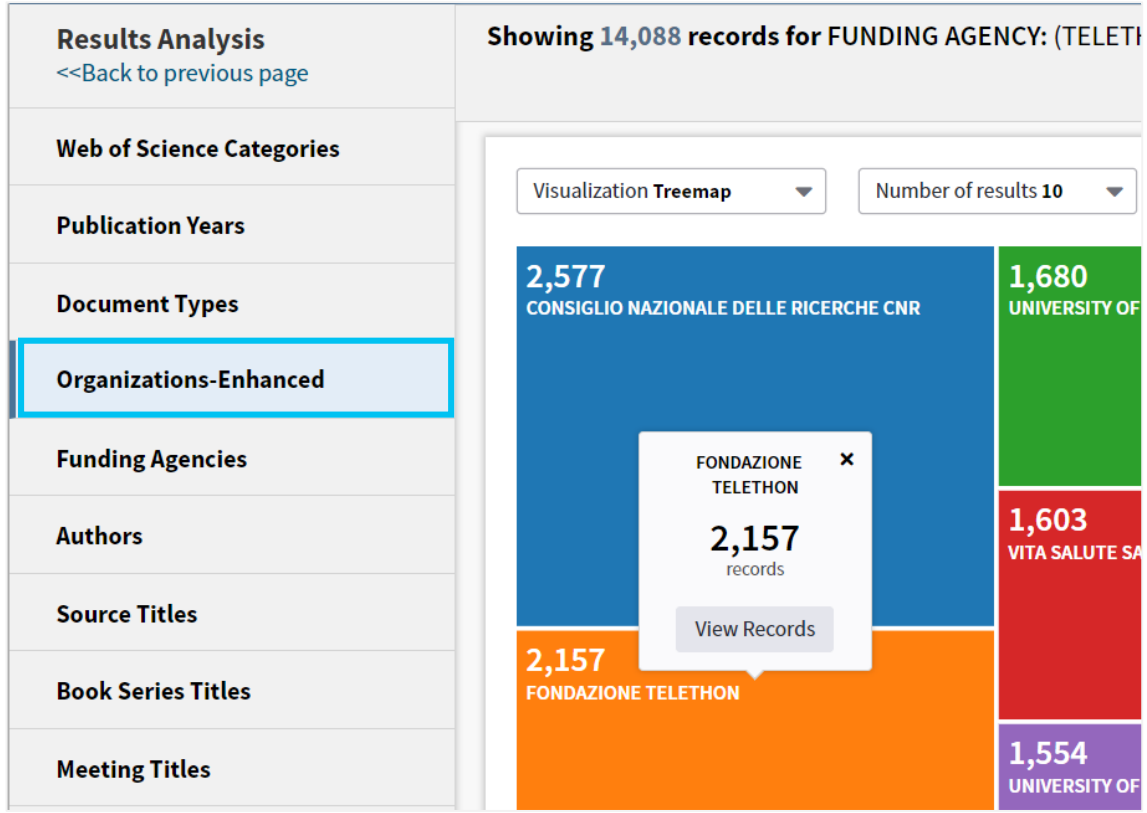
- Find the most prevalent authors in a particular field of study,
- Generate a list of institutions ranked by record count
- Identify experts and potential collaborators
- Identify career opportunities
- Identify important journals to follow
- Identify funding sources for your work

Analyze results | Leverage citation

Identify experts and potential collaborators



Identify career opportunities



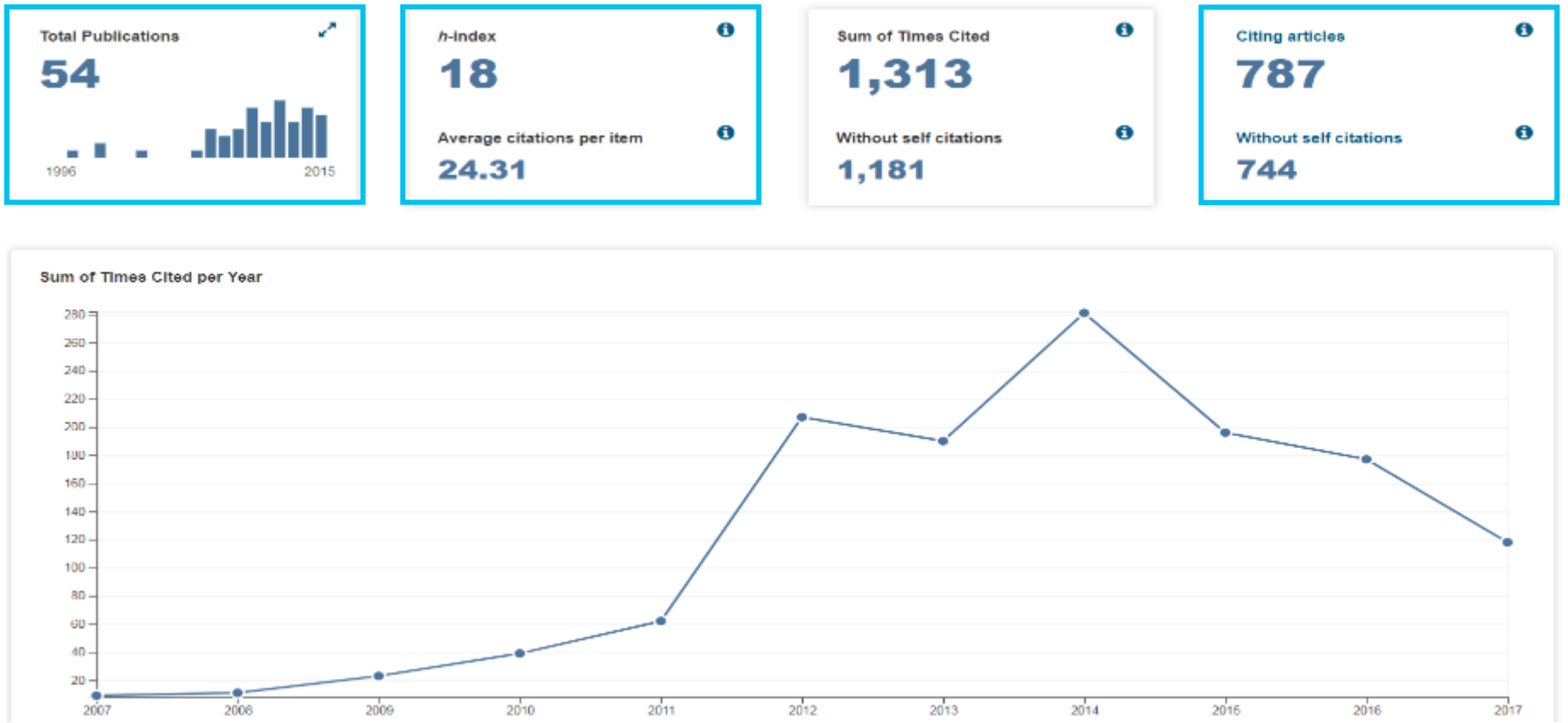
Create a Citation Report

CITATION PERFORMANCE STATISTICS

Find out your publication & citation trend

Calculate your H-index

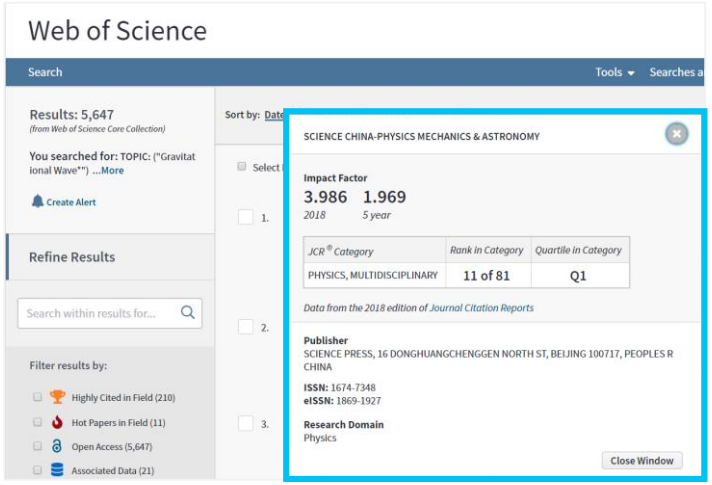
Check who is citing your work



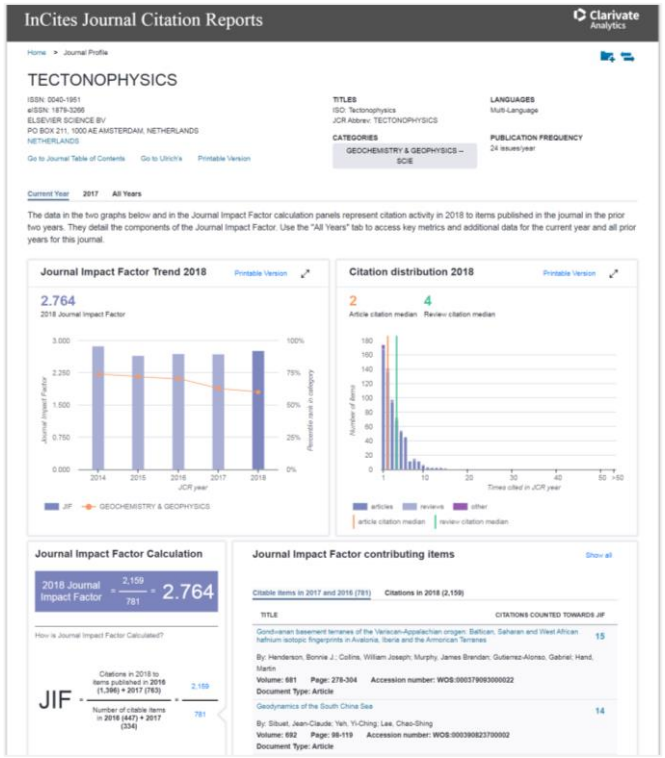
Journal Performance

JOURNAL CITATION REPORTS

Identify important journals to follow

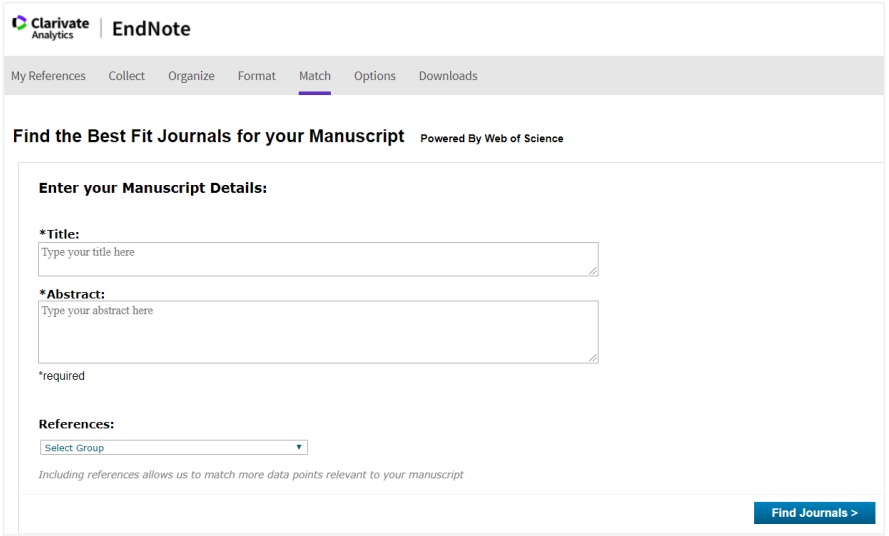


Analyze and compare journals



ENDNOTE

Identify journals to publish in



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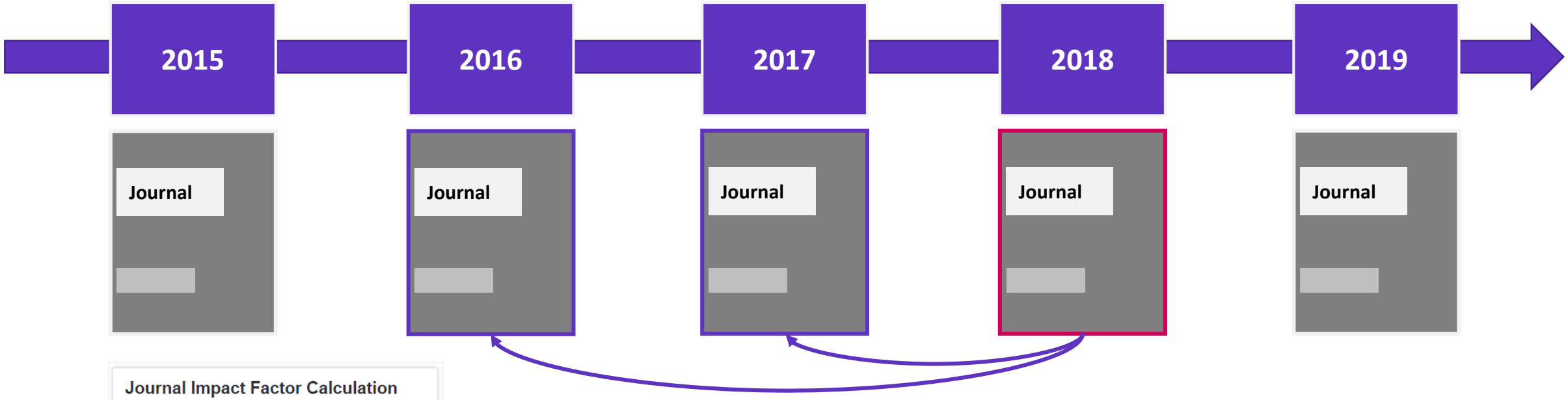
browse, search, and explore journals indexed in the Web of Science

Web of Science Group

Journal Performance | Journal Impact Factor



Journal Impact Factor Calculation

2018 Journal Impact Factor = 110 / 114 = 0.965

How is Journal Impact Factor Calculated?

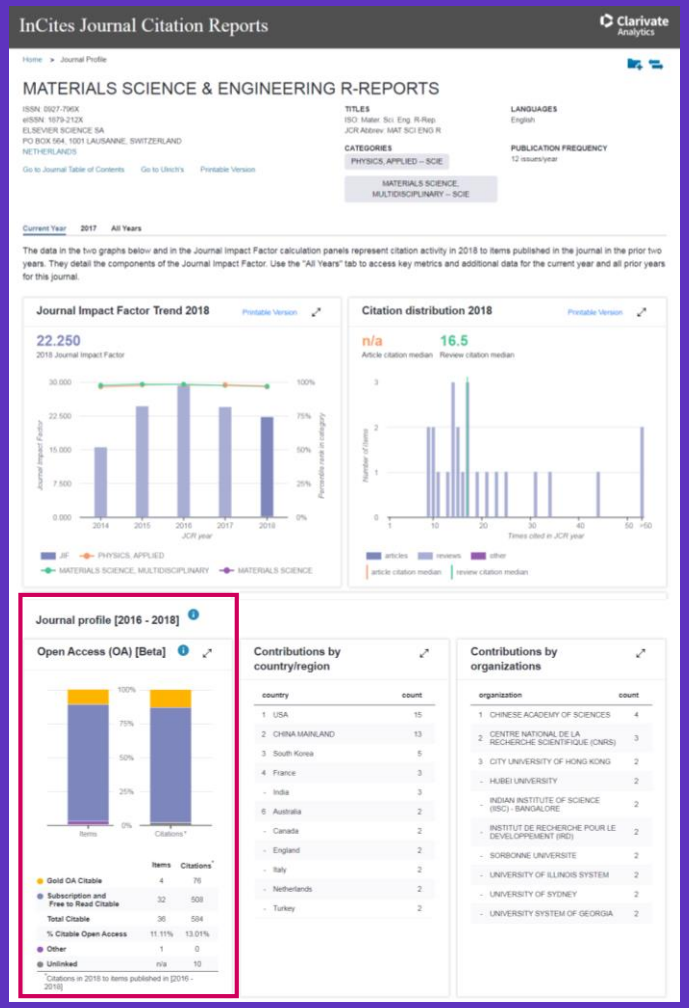
$$JIF = \frac{\text{Citations in 2018 to items published in 2016 (69) + 2017 (41)}}{\text{Number of citable items in 2016 (69) + 2017 (45)}} = \frac{110}{114}$$

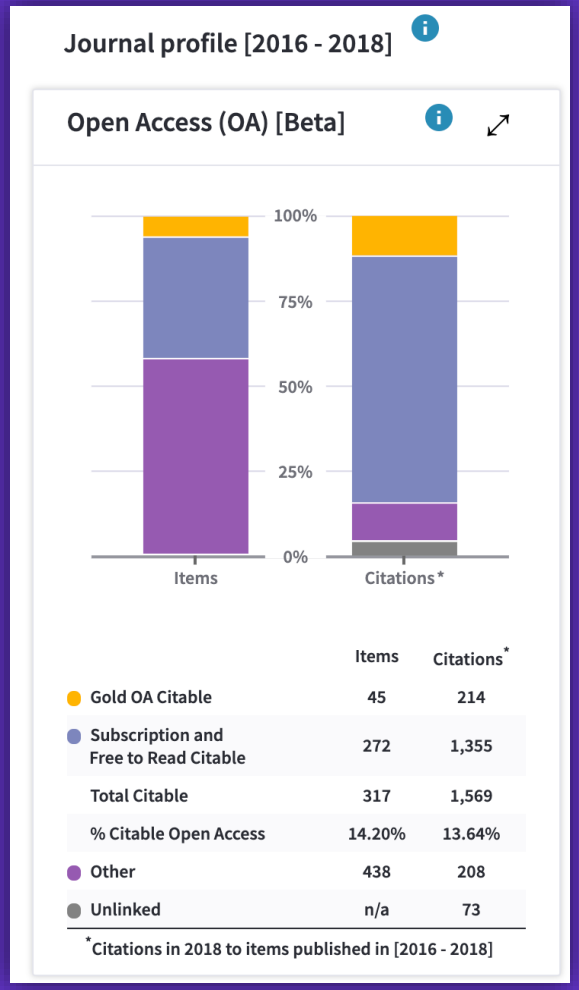
2018 Impact Factor

ratio of citations from 2018 to papers published in 2016 and 2017 to papers published in 2016 and 2017.

Transparent open access data in the JCR

Make confident decisions about your open access strategy





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

Open Access data sourced from Our Research↗ (formerly ImpactStory).

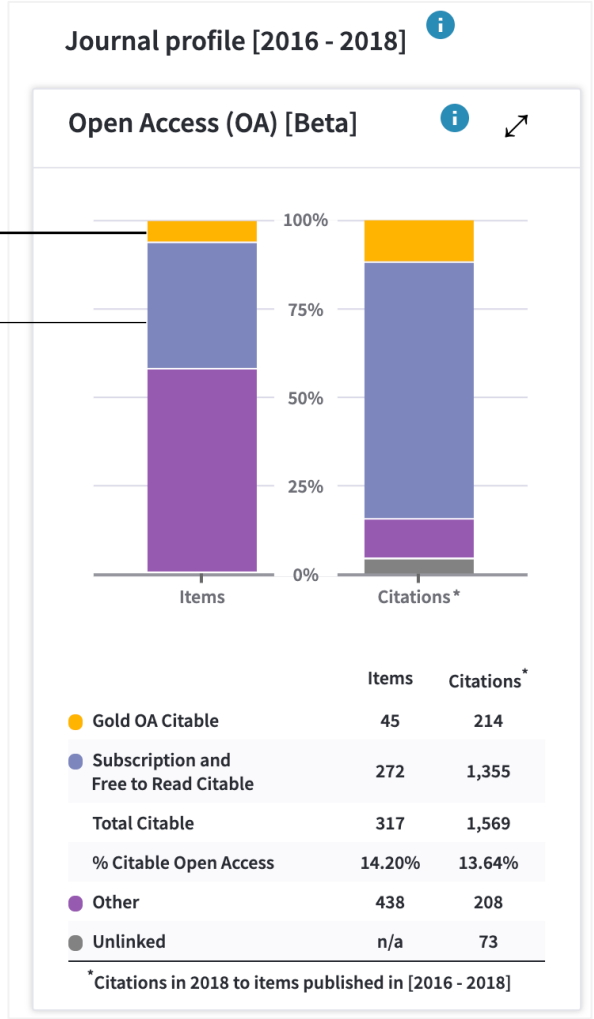
How is open access content displayed in Journal Citation Reports?

Gold OA Citable*

Papers tagged as either **DOAJ Gold** or **Other Gold** in Web of Science are counted as Gold OA Citable in JCR.

Subscription and free to read

Papers identified as **Bronze**, **Green Published** and **Green Accepted** in Web of Science are counted as part of the Subscription and Free to Read Citable content in JCR.



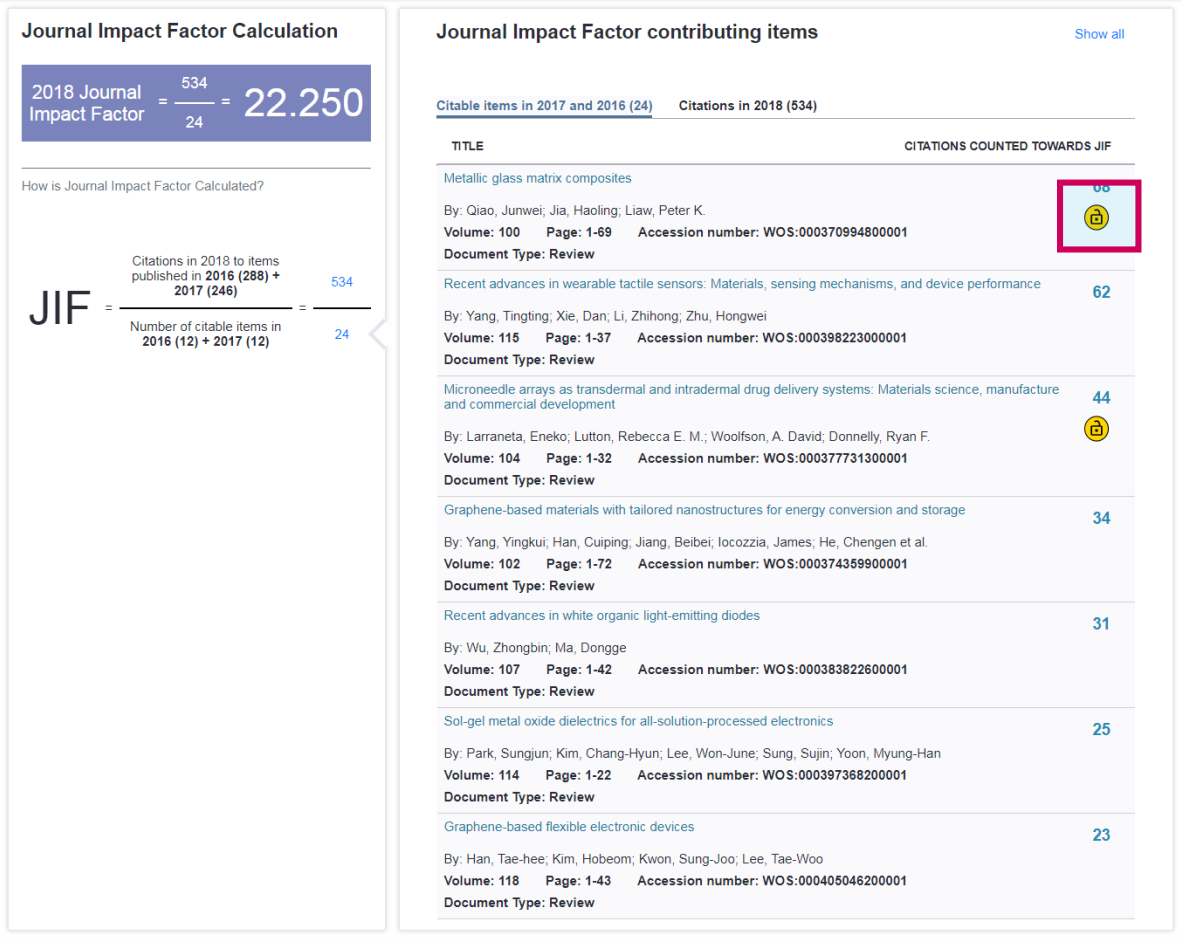
Citable items
All materials indexed as articles or reviews in Web of Science and counted as Citable Items in the denominator of the JIF.

Other
Incidental items, such as editorial material, correspondence, news, meeting abstracts, that are not counted in the JIF denominator.

Unlinked
Citations to a journal that have incomplete data at the paper level, but are still included in the JIF calculation.

*The data are current as of the time of JCR extraction from the Web of Science.

Obtain the transparency you need to make data driven decisions



Journal Impact Factor Calculation

2018 Journal Impact Factor = 534 / 24 = 22.250

How is Journal Impact Factor Calculated?

JIF = Citations in 2018 to items published in **2016 (288) + 2017 (246)** / Number of citable items in **2016 (12) + 2017 (12)** = 534 / 24

Journal Impact Factor contributing items Show all

Citable items in 2017 and 2016 (24) | Citations in 2018 (534)

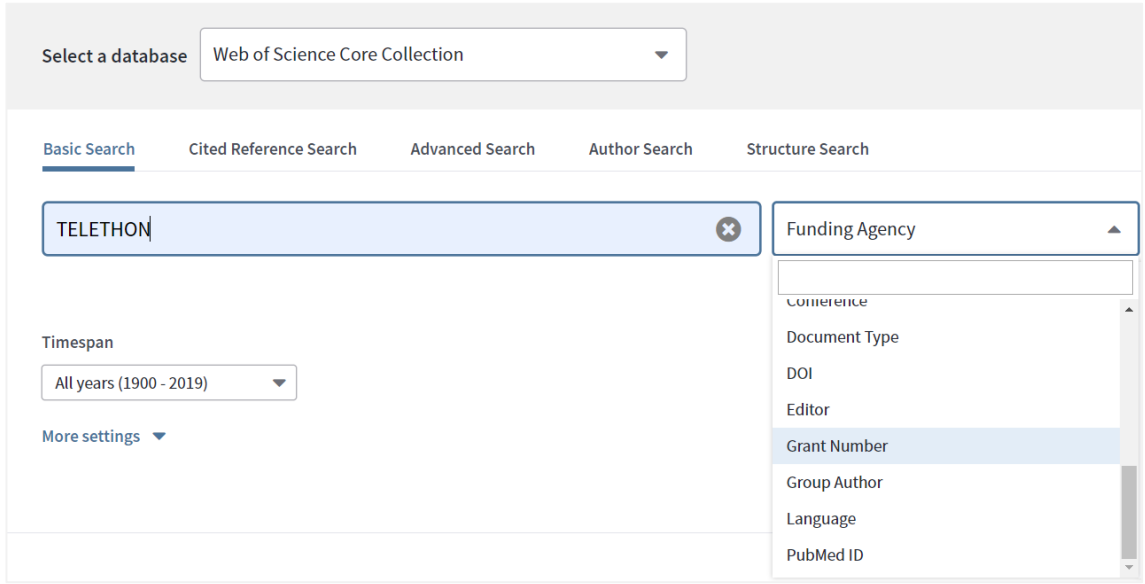
TITLE	CITATIONS COUNTED TOWARDS JIF
Metallic glass matrix composites By: Qiao, Junwei; Jia, Haoling; Liaw, Peter K. **Volume: 100 Page: 1-69 Accession number: WOS:000370994800001** **Document Type: Review**	68
Recent advances in wearable tactile sensors: Materials, sensing mechanisms, and device performance By: Yang, Tingting; Xie, Dan; Li, Zhihong; Zhu, Hongwei **Volume: 115 Page: 1-37 Accession number: WOS:000398223000001** **Document Type: Review**	62
Microneedle arrays as transdermal and intradermal drug delivery systems: Materials science, manufacture and commercial development By: Larraneta, Eneko; Lutton, Rebecca E. M.; Woolfson, A. David; Donnelly, Ryan F. **Volume: 104 Page: 1-32 Accession number: WOS:000377731300001** **Document Type: Review**	44
Graphene-based materials with tailored nanostructures for energy conversion and storage By: Yang, Yingkui; Han, Cuiping; Jiang, Beibei; Iocozzia, James; He, Chengen et al. **Volume: 102 Page: 1-72 Accession number: WOS:000374359900001** **Document Type: Review**	34
Recent advances in white organic light-emitting diodes By: Wu, Zhongbin; Ma, Dongge **Volume: 107 Page: 1-42 Accession number: WOS:000383822600001** **Document Type: Review**	31
Sol-gel metal oxide dielectrics for all-solution-processed electronics By: Park, Sungjun; Kim, Chang-Hyun; Lee, Won-June; Sung, Sujin; Yoon, Myung-Han **Volume: 114 Page: 1-22 Accession number: WOS:000397368200001** **Document Type: Review**	25
Graphene-based flexible electronic devices By: Han, Tae-hee; Kim, Hobeom; Kwon, Sung-Joo; Lee, Tae-Woo **Volume: 118 Page: 1-43 Accession number: WOS:000405046200001** **Document Type: Review**	23

J	K	L	M
Document Type	Number of Citations	OA DOAJ Gold	OA Other Gold
Review	68		Other Gold
Review	62		
Review	44		Other Gold
Review	34		
Review	31		

View OA status at the article level for the full list of citable items, and export the data as a CSV file to use in your analytics projects.

Identify funding sources for your work

Search the Funding Text Field and the Grant Number Field



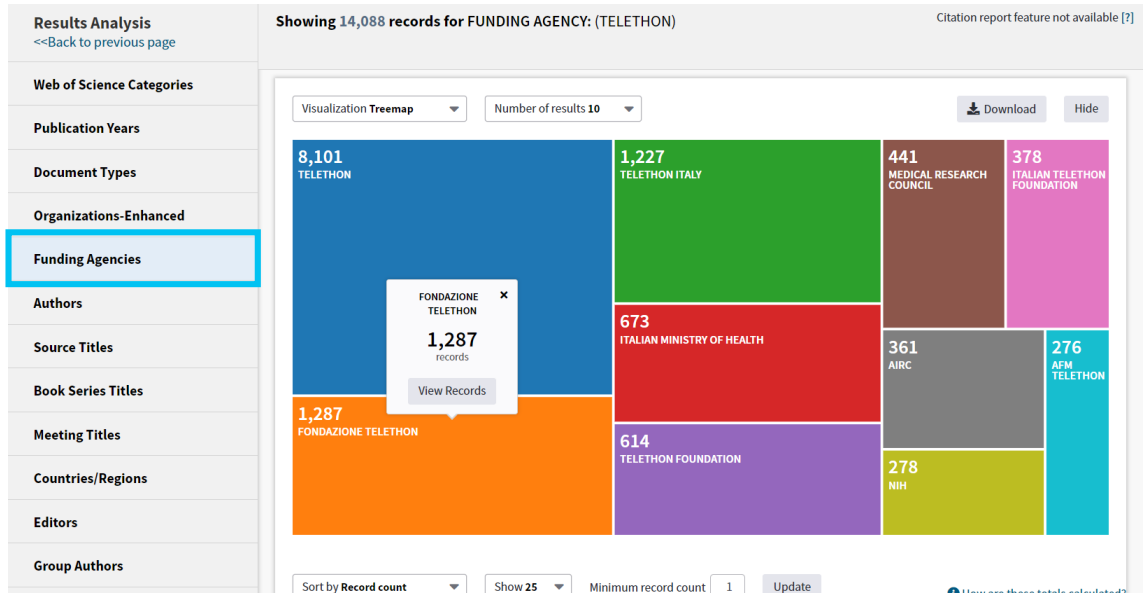
Funding

Funding Agency	Grant Number
Telethon Italy	TCR08002
Italian Research Foundation for Amyotrophic Lateral Sclerosis (AriSLA)	
Italian Ministry of Health	RF-2013-02356221 RF-2016-02362950

Close funding text

This work was supported by grants from Telethon Italy (TCR08002), the Italian Research Foundation for Amyotrophic Lateral Sclerosis (AriSLA; grant eCypALS), and the Italian Ministry of Health (RF-2013-02356221 and RF-2016-02362950).

Identify funders



Web of Science Group

A Clarivate Analytics company

Thank you

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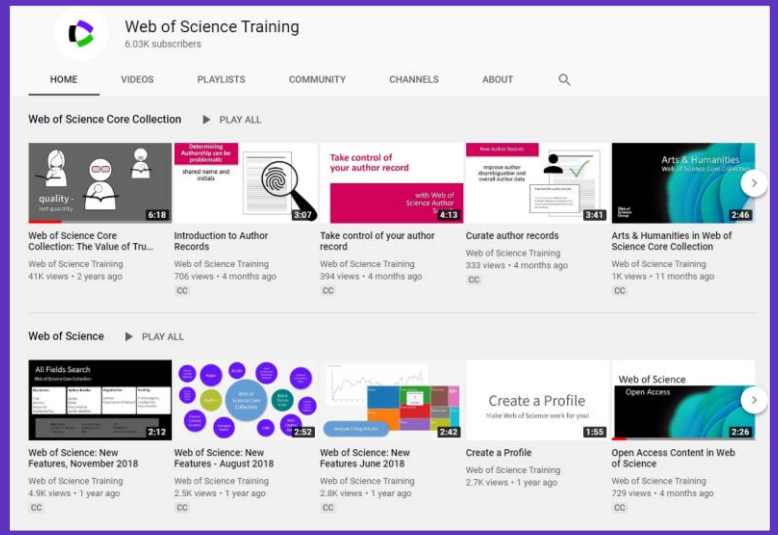
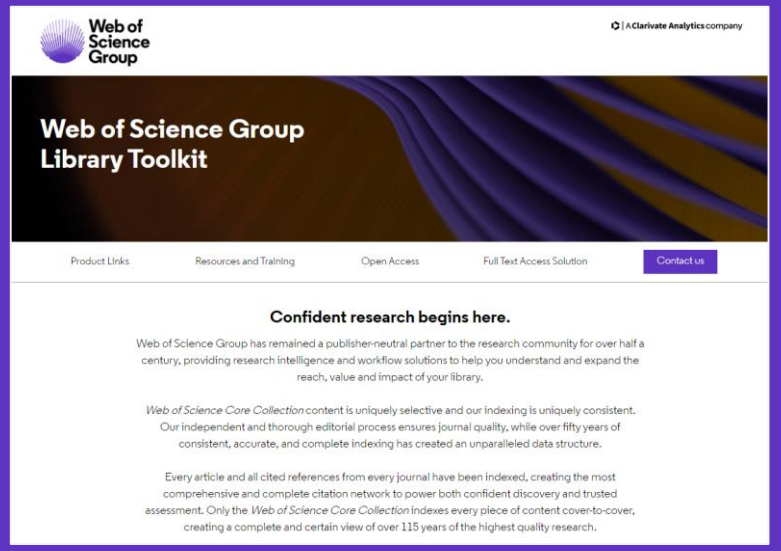
More resources

YouTube Channel
youtube.com/WoSTraining



Librarian Toolkit
View Toolkit



LibGuides
clarivate.libguides.com/home