UNIVERSITÄT ZU LÜBECK

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How Scopus supports researchers & their workflow

Basics. New metrics. Recent updates.

Eva Podgoršek
Consultant Research Platforms
Academic & Government
EMEA/ DACH

2018

Always up-to-date – Scopus Blog

https://blog.scopus.com

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Scopus®

The largest abstract and citation database of peer-reviewed literature from more than 5,000 publishers

All Posts

Scopus makes strides in data linking

Submitted by Susannah Beatty... on Thu, 09/28/2017 - 20:31

The ability to access and review the data behind research is a well sought after, but often elusive, resource. In recognition of this, Scopus has been working to incorporate new tools that can make it easier to search and share data. As part of a new initiative introduced earlier this year, Scopus has established two key partnerships: Scholix and DataSearch. Each provide different but complementary ways to connect researchers to each other's data.

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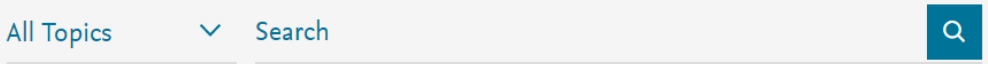
Scopus Support Center – first aid in times of need

ELSEVIER

Scopus Support Center

https://service.elsevier.com/app/overview/scopus/



Access & use:

I want to learn about accessing and using Scopus

› View more

Top 5 FAQs

1. How can I use an h-graph?
2. What is the Scopus Author Identifier?
3. What is Scopus Preview?
4. Scopus tutorials
5. How do I search for a document?

› View more

Contact us

Email Chat Callback

Phone Twitter Facebook

Request changes:

I want to request changes to an author/affiliation profile or Scopus content

› View more

Top 5 FAQs

1. How do I correct my author profile?
2. How do I request to add a missing document?
3. Overview: Requesting content and profile corrections
4. How can I add missing citations?

Contact us

Email

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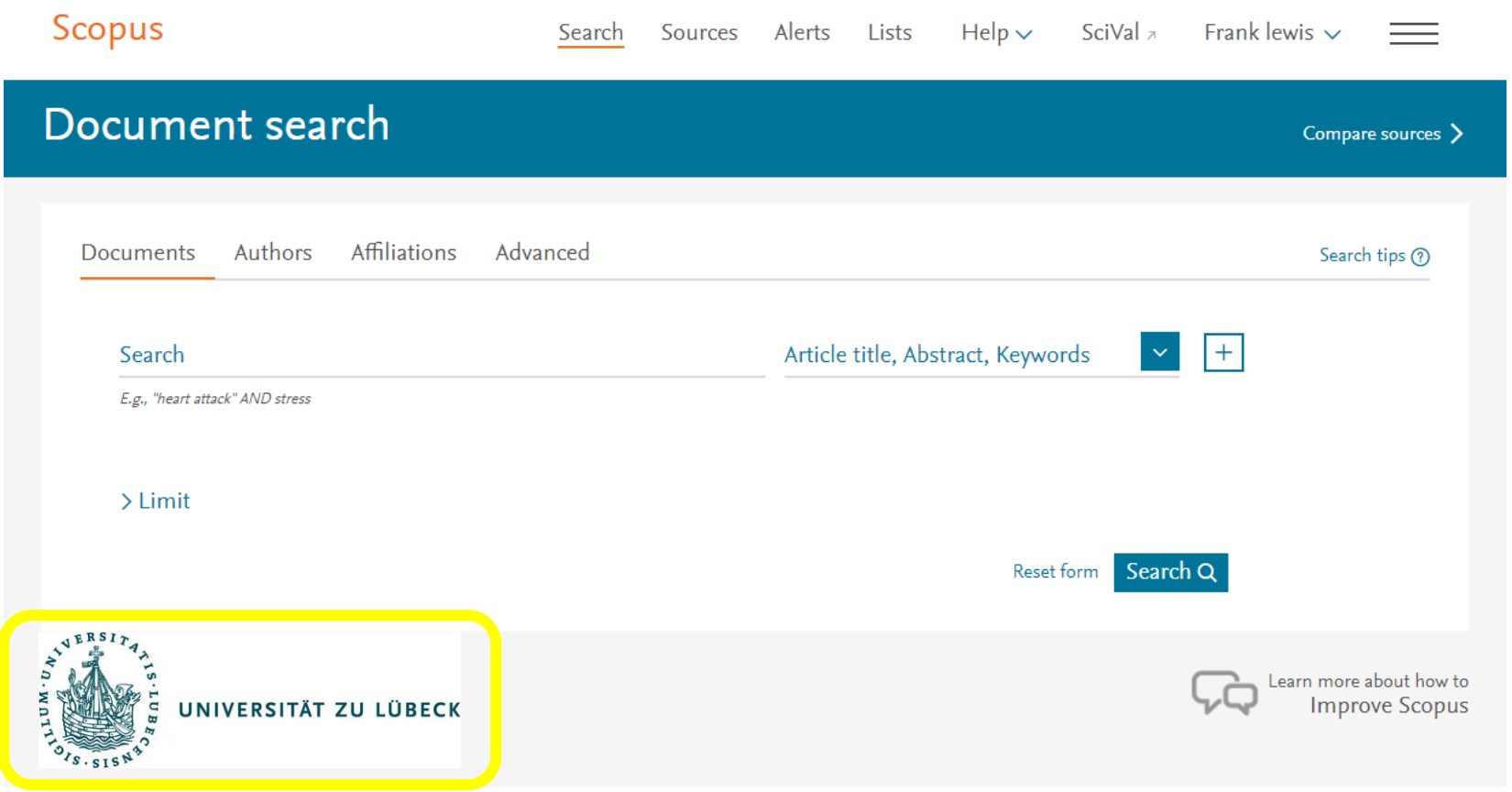
Customize Scopus for your institution

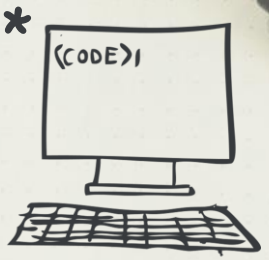


Today's topics:

Scopus: the Basics

- Content and sources
- Selection process
- Journal re-evaluation

How can Scopus support your research?

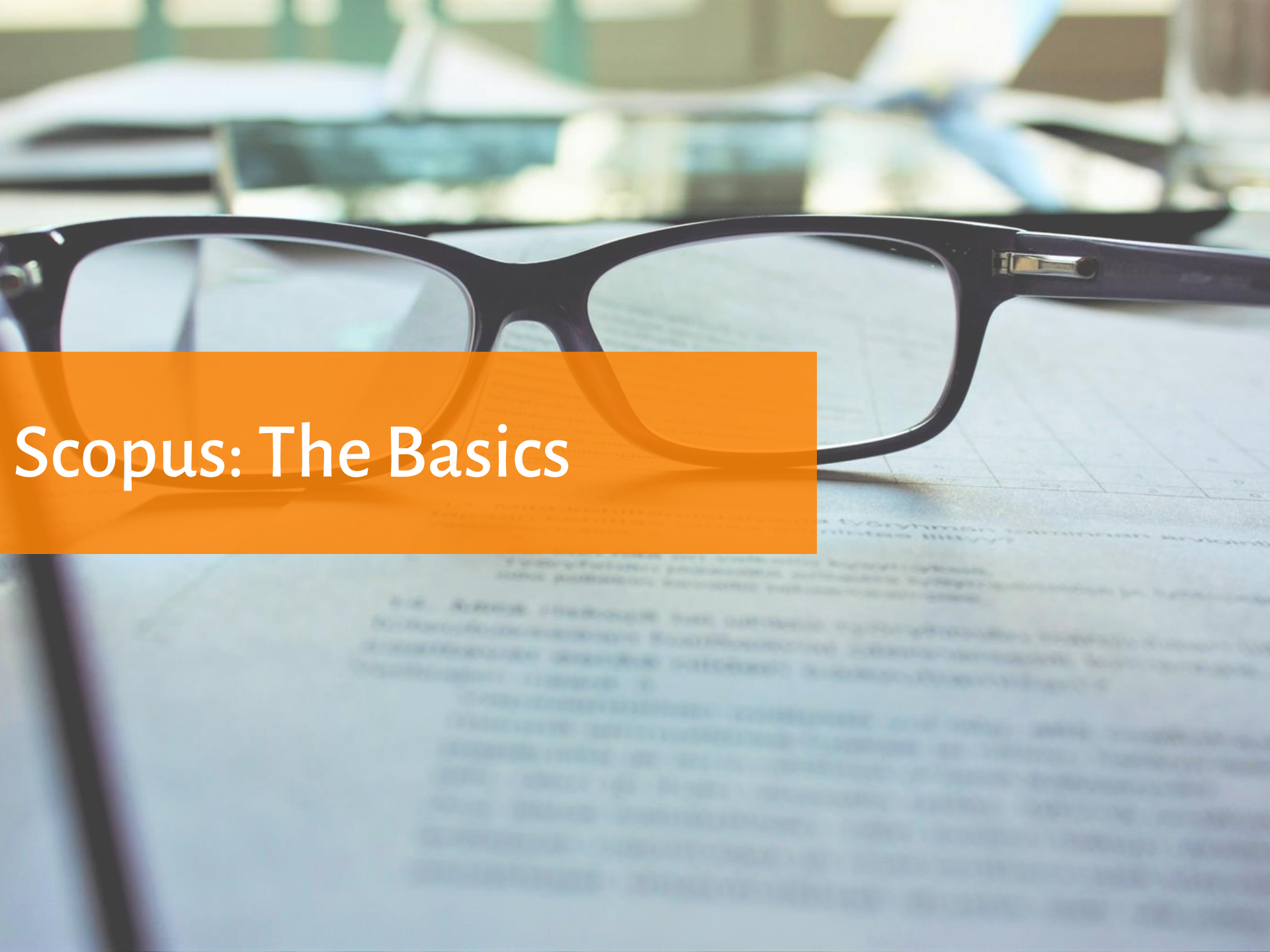


- Promoting your research: Author profiles & their significance
- Finding researchers for collaboration
- Finding relevant journals & publications

*

How can Scopus support your institution's external view?

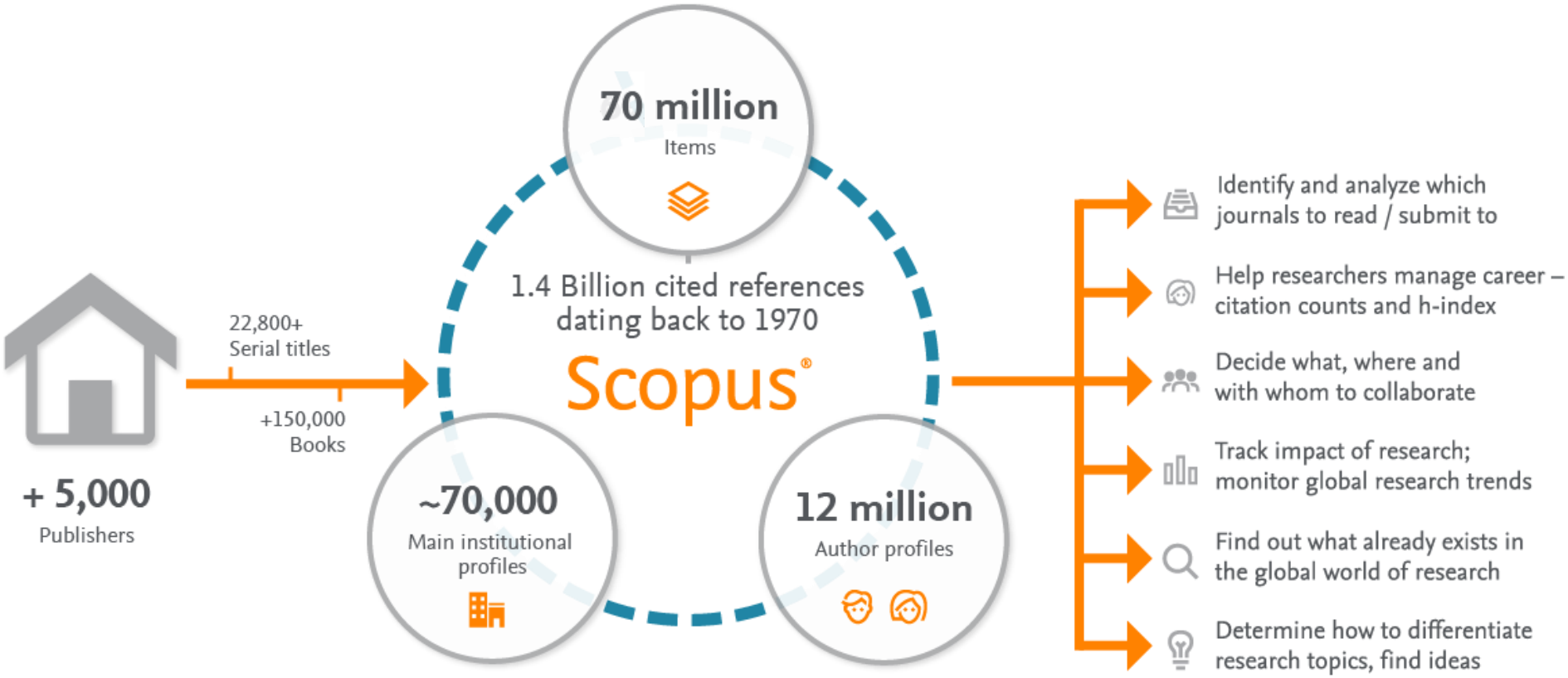
- Affiliation profiles & tracking publication output
- Scopus metrics & evaluation



Scopus: The Basics

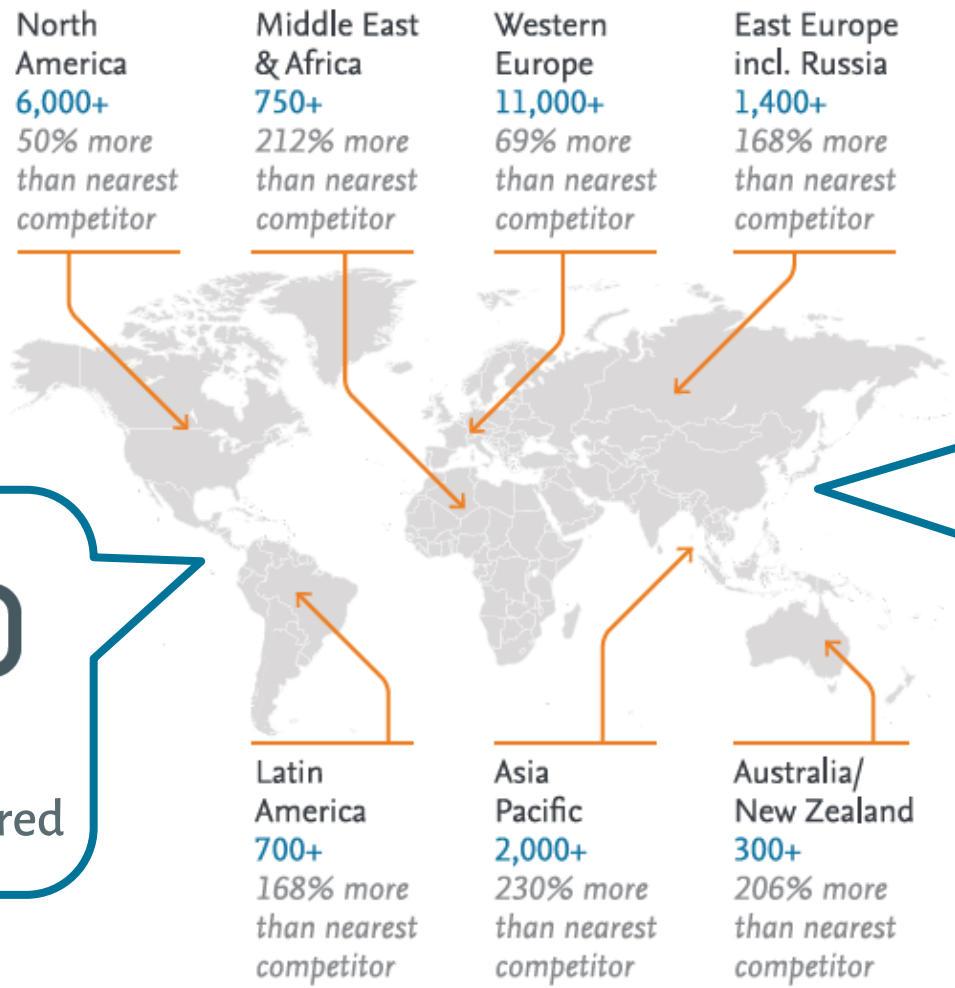
What is Scopus?

Scopus is the largest abstract & citation database of research information



Scopus – a wealth of content & insights at your fingertips

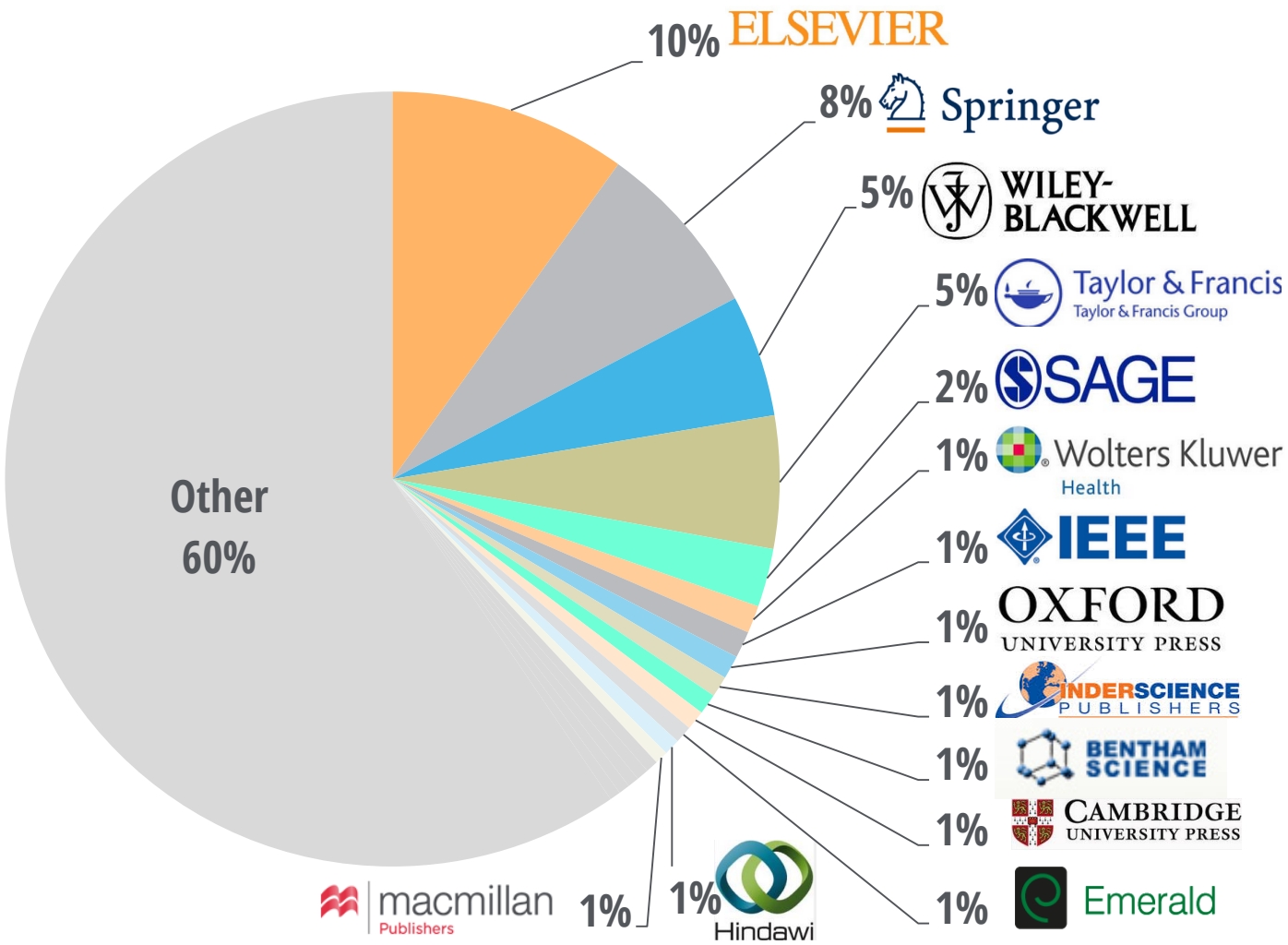
Scopus contains a global representation of relevant research…



Titles from 105 different countries

40 “local” languages covered

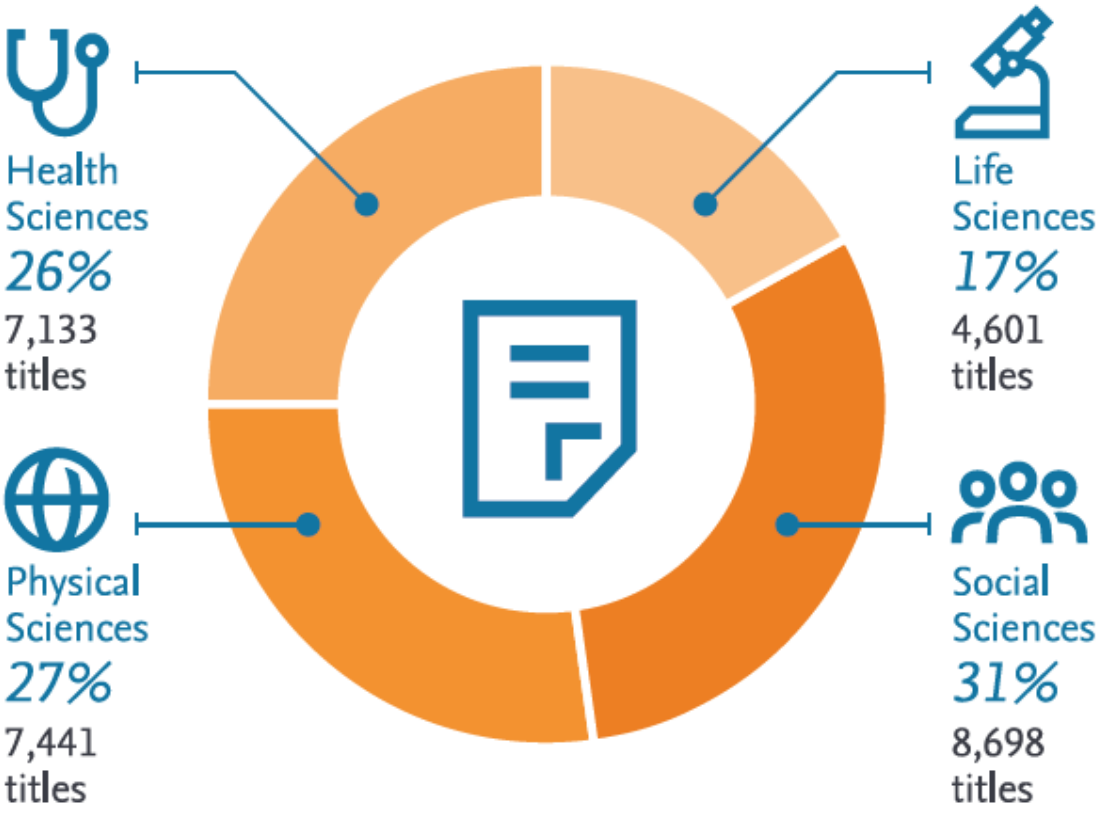
...across publishers worldwide...



Scopus Source List

...and reflects all areas of research

Scopus integrates broad and deep coverage of quality peer-reviewed literature and web resources across science, technology, health, the social sciences and the humanities. Titles on Scopus are classified under four subject clusters:

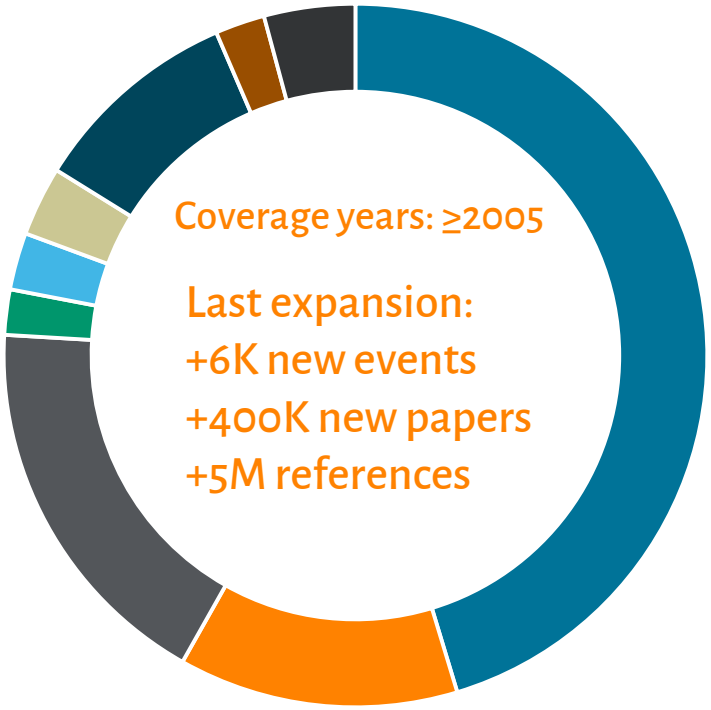


** Includes active titles. Titles may fall into more than one subject area*

Scopus content is constantly expanding

Expansion of conference proceedings

Breakdown of conference papers in Scopus



- Other
- Engineering
- Computer Sciences
- Physical Sciences
- Earth Sciences
- Mathematics
- Management
- Economics
- Agriculture, veterinary, environment

Source: Scopus Content Coverage Guide (January 2016)

The new "Gold Standard"

Scopus is recognized for its excellence by

4,000 universities

150 leading research organizations

who continue to choose Scopus for research assessment and evaluation purposes over any other competitor.

Three main principles for content selection…

Scopus®

Quality **Transparency** **Trusted content**

Scopus Content Selection and Advisory Board

The Scopus Content Selection and Advisory Board (CSAB) is an international group of scientists, researchers and librarians who represent the major scientific disciplines. Year round, the board members are responsible for reviewing all titles that are suggested to Scopus.

The CSAB is comprised of 17 Subject Chairs, each representing a specific subject field. The Board works with the Scopus team to understand how Scopus is used, what content is relevant for users and what enhancements should be made.

The recommendations of the CSAB directly influence the overall direction of Scopus and the prioritization of new content requests to ensure that Scopus content stays international and relevant.

Speaking with the Scopus CSAB:

What is your purpose?

Why do you like being a board member?

2-step selection process:

1

Minimal Criteria

- Peer-review
- English abstracts
- Regular publication
- Roman script references
- Publication ethics statement

2

Journal Policy	Convincing editorial policy Type of peer review Diversity in geographical distribution of editors Diversity in geographical distribution of authors
Content	Academic contribution to the field Clarity of abstracts Quality of and conformity to the stated aims and scope of the journal Readability of articles
Journal Standing	Citedness of journal articles in Scopus Editor standing
Publishing Regularity	No delays or interruptions in the publication schedule
Online Availability	Full journal content available online English language journal home page available Quality of journal home page

Continuous review process using an online Scopus Title Evaluation Platform (STEP):
http://www.elsevier.com/online-tools/scopus/content-overview
Questions:
titlesuggestion@scopus.com

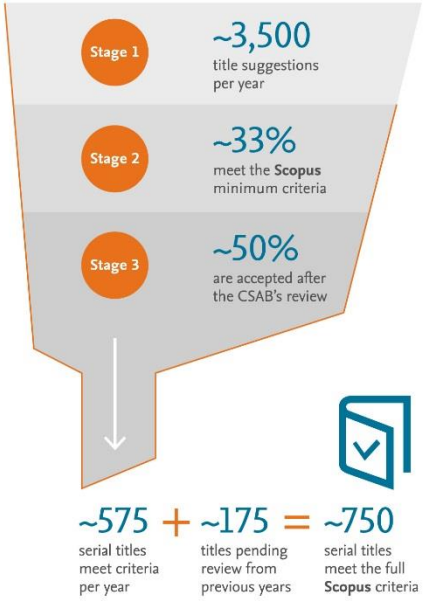
Referral of titles to be added to Scopus

- Less than half of the reviewed titles are selected for Scopus coverage
- The Content Selection Advisory Board is selective and strict on quality: in total 5,411 **titles were reviewed** (2011 –2015) of which 2,587 (**48%**) **accepted** for Scopus

Strict Quality & Ethics Selection Criteria*

The **Scopus** title selection criteria – our set of clear and transparent guidelines, in combination with reviews by our independent Content Selection & Advisory Board – ensure the quality of titles indexed meets consistently high standards.

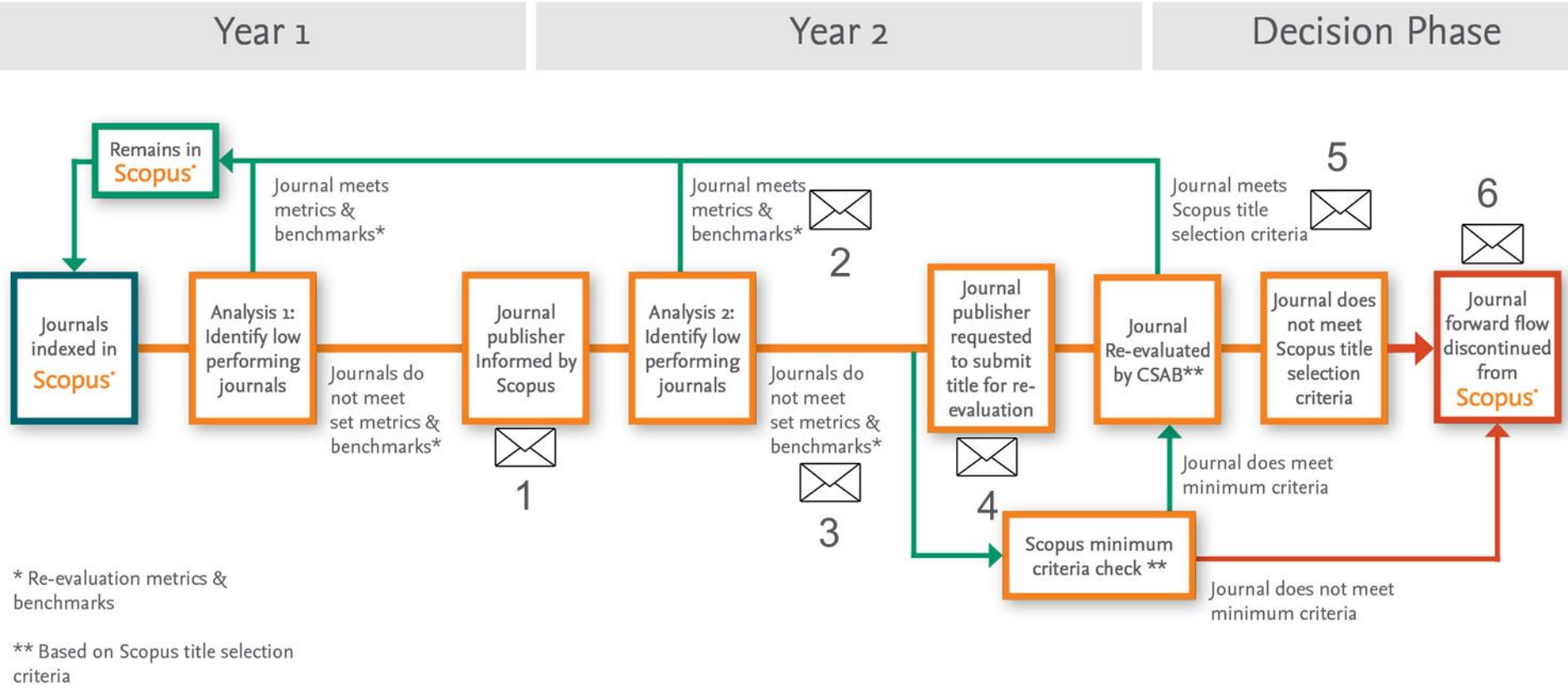
** 2016 as sample year*



Maintaining high-quality: Scopus re-evaluation process and criteria

Metric	Benchmark	Explanation
Self-citations	200%	The journal has a self-citation rate two times higher, or more, when compared to peer journals in its subject field.
Citations	50%	The journal received half the number of citations, when compared to peer journals in its subject field.
Impact Per Publication	50%	The journal has an IPP score half or less than the average IPP score, when compared to peer journals in its subject field.
Article Output	50%	The journal produced half, or less, the number of articles, when compared to peer journals in its subject field.
Abstract Usage	50%	The journal's abstract are used half as much, or less, when compared to peer journals in its subject field.
Full Text Links	50%	The journal's full text are used half as much, or less, when compared to peer journals in its subject field.

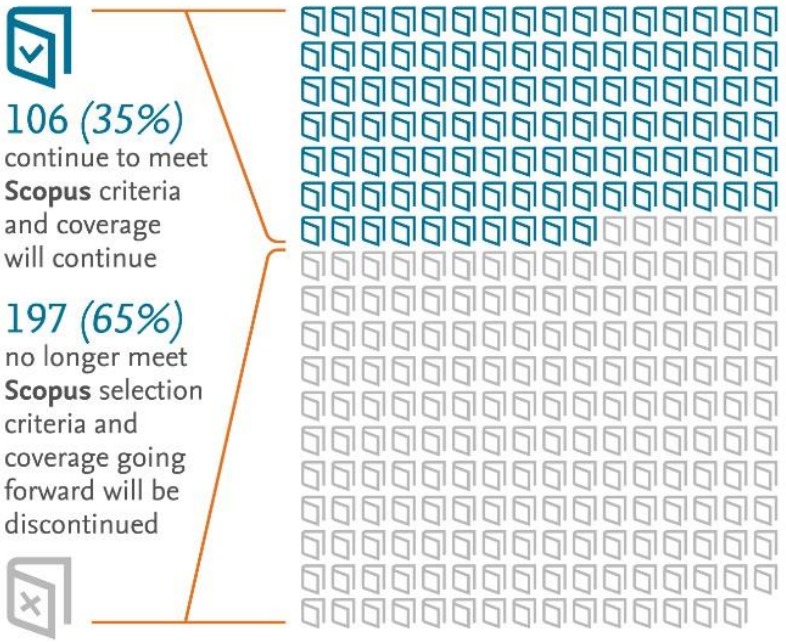
Time-frame of the Scopus re-evaluation process



Scopus re-evaluation outcomes

Rigorous Re-evaluation Process

In the latest reevaluation exercise, **303** under-performing titles were re-evaluated by the Content Selection & Advisory Board




What are the most important features for you?

In this section, we'll mostly focus on some of the features with interest for researchers – and why these matter:

- → Author (& affiliation) profiles
- → Searching for content & research data
- → Research metrics

Why should researchers use Scopus?

Researchers at different stages in their career have different goals and questions:

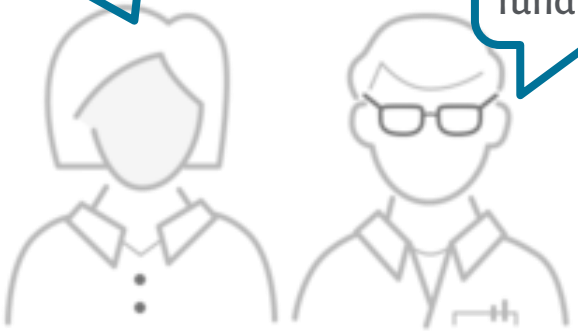
How can I get a quick overview of a new subject area?

How do I make sure I don't miss any relevant information?

Which journals should I publish in to make myself more visible to the research community?

How can I get tenure and advance my career?

How do I find funding?



Researcher (PhD & Post-Doc)

Who should I collaborate with to increase my chances of publishing successfully and getting cited?

How do I compare myself and my research team against peers?

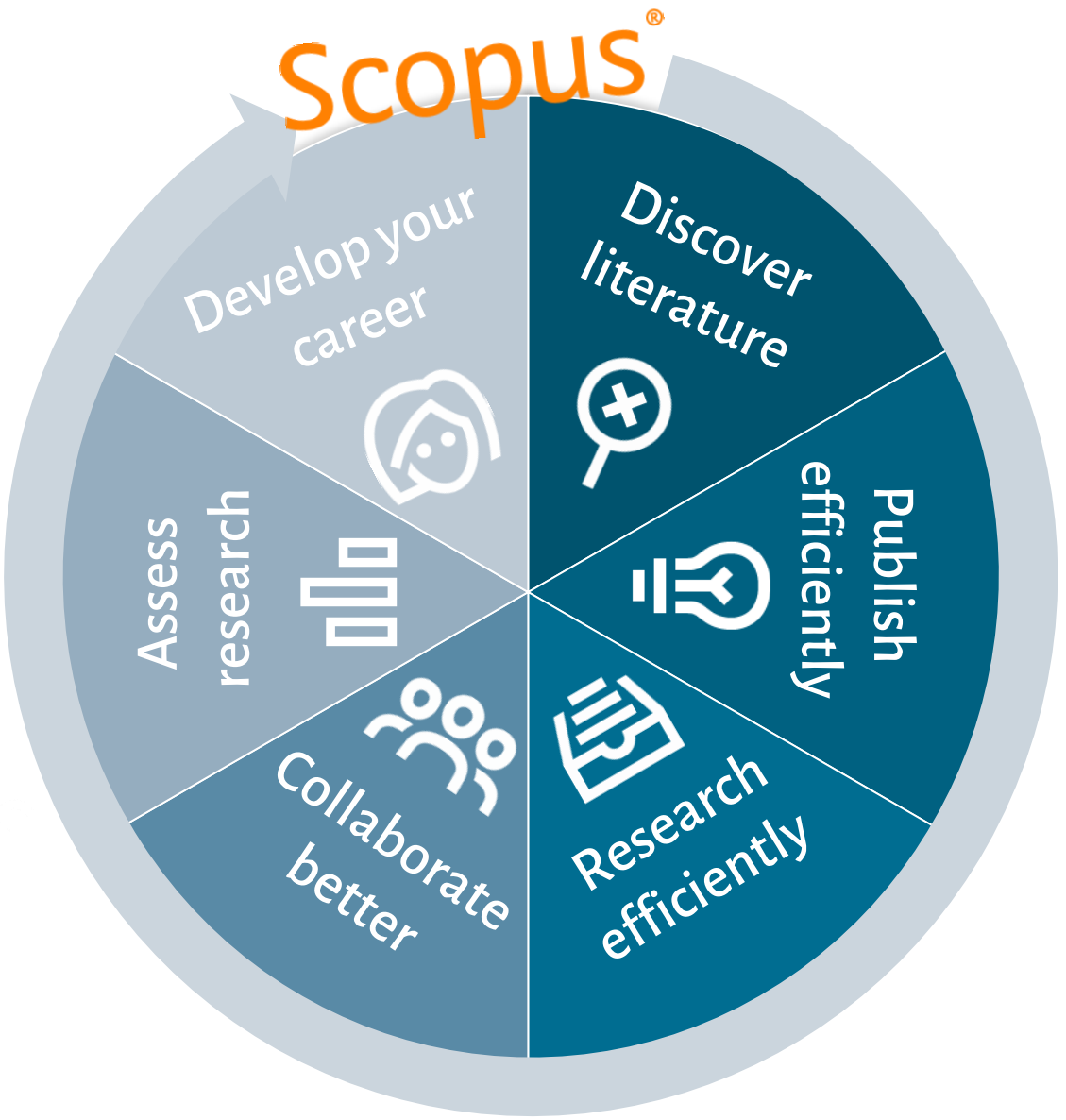
How do I secure more funding?

How many times have I been cited by others?

Sr Researcher/ Professor

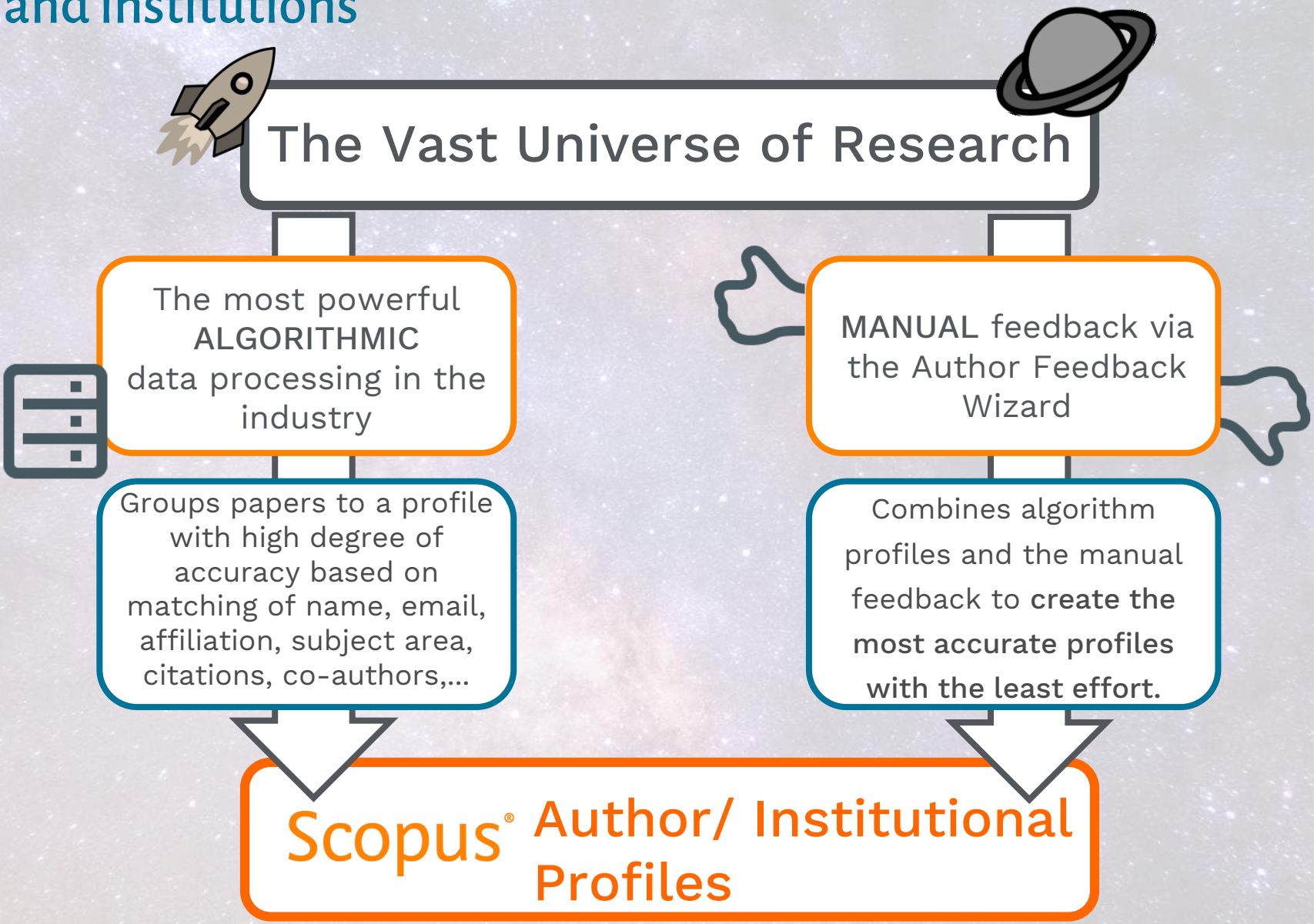
At researcher level: Scopus supports throughout the entire research workflow

- Find out what already exists in the global world of research
- Determine how to differentiate research topics, find ideas
- Identify and analyze which journals to read / submit to
- Decide what, where and with whom to collaborate
- Track impact of research; monitor global research trends
- Help researchers manage career – citation counts and h-index




Promote your research through
author/ institutional profiles

Scopus creates automated profiles for researchers/ authors and institutions

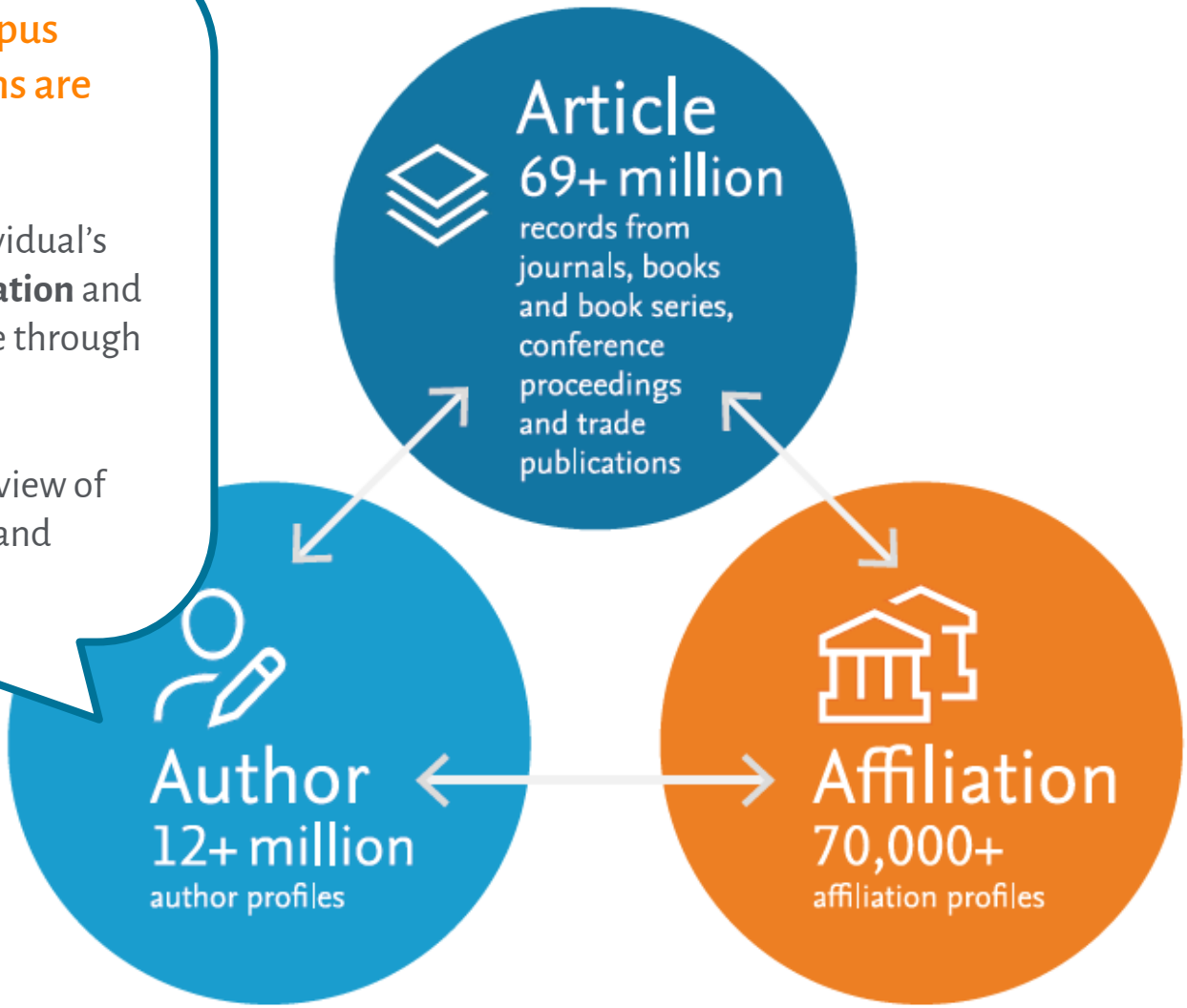


First source for Profiles

All authors can access their Scopus profile – even if their institutions are not subscribers!

Users can analyse and track an individual's **citation history**, view their total **citation** and **document count**, ***h*-index** and more through author profile pages.

They can access tools to get an overview of an individual's **publication history** and **influence**.



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Example of a Scopus Author Profile

Author details

About Scopus Author Identifier

< Return to search results 1 of 1

Print Email

Ding, Guochun

China Agricultural University, Beijing Key Laboratory of Farmland Soil Pollution Prevention and Remediation, Beijing, China
Author ID: 36571571100

http://orcid.org/0000-0001-6702-3782

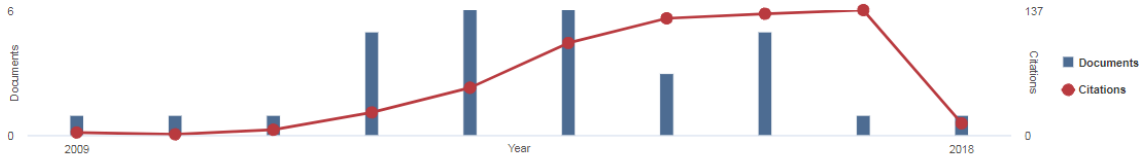
Other name formats: Ding, Guo Chun

Follow this Author

View potential author matches

Subject area: Immunology and Microbiology | Environmental Science | Agricultural and Biological Sciences | Medicine | Biochemistry, Genetics and Molecular Biology | Decision Sciences | Earth and Planetary Sciences | Mathematics

Document and citation trends:



Get citation alerts | Add to ORCID | Request author detail corrections | Export profile to SciVal

h-index: 13 View *h*-graph

Documents by author 30 Analyze author output

Total citations 599 by 496 documents View citation overview

30 Documents | Cited by 496 documents | 118 co-authors | Author history

View in search results format >

Sort on: Cited by (highest)

Export all to BibTeX file | Save all to list | Set docum

Publication range: 2009 - Present

References: 1104

Source name	
PLoS ONE	View documents
Applied and Environmental Microbiology	View documents
Biometrical Journal	View documents
Biology and Fertility of Soils	View documents
Applied Microbiology and Biotechnology	View documents

Related affiliation	Location
China Agricultural University, Beijing Key Laboratory of Farmland Soil Pollution Prevention and Remediation	Beijing China
Institute for Epidemiology and Pathogen Diagnostics, Julius Kühn-Institut	Braunschweig Germany
China Agricultural University, College of Resources and Environmental Sciences	Beijing China
Institute for Epidemiology and Pathogen Diagnostics, Julius Kühn-Institut - Federal Research Centre for Cultivated Plants (JKI)	Braunschweig Germany

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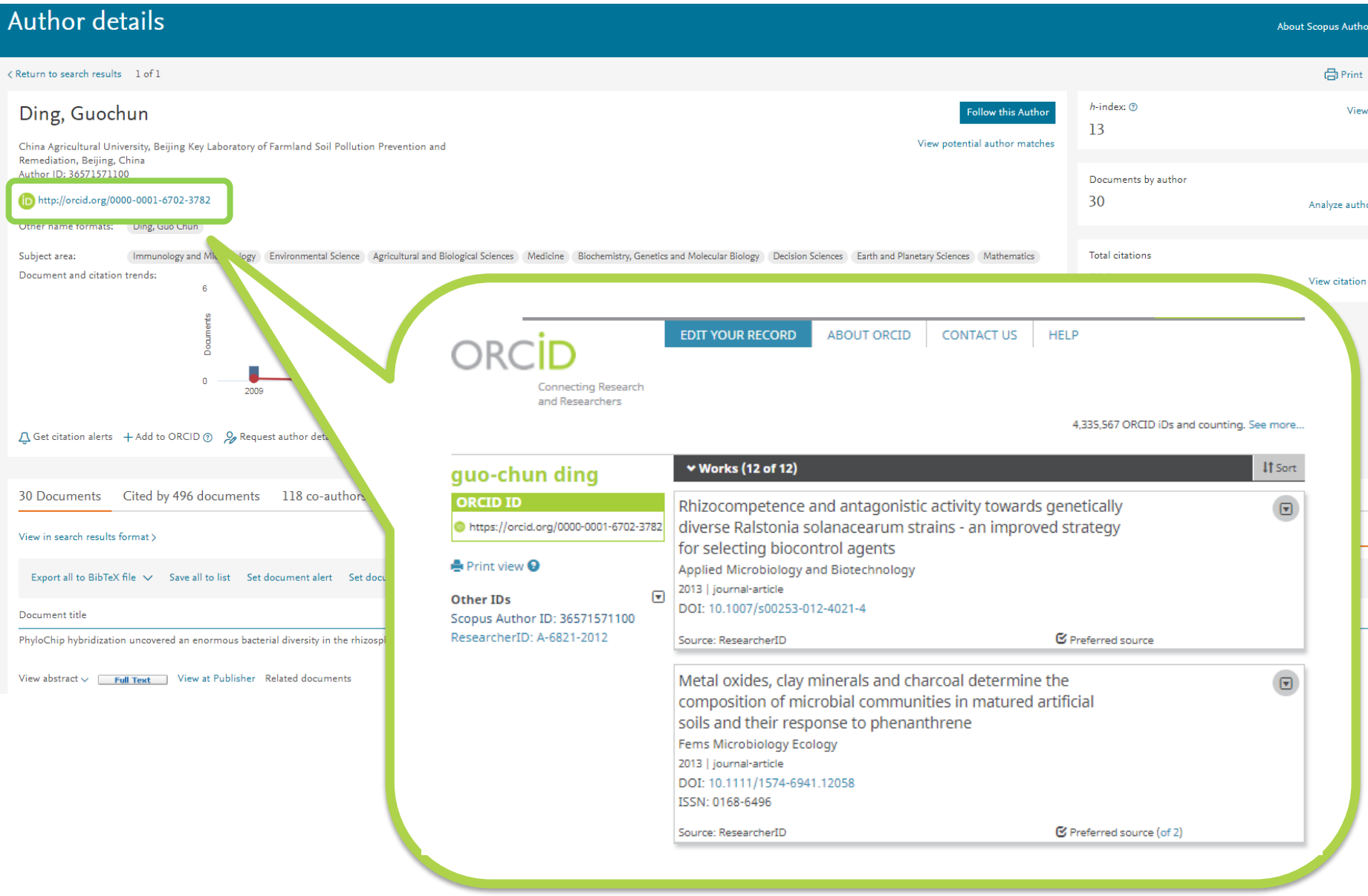
Example of a Scopus Author Profile



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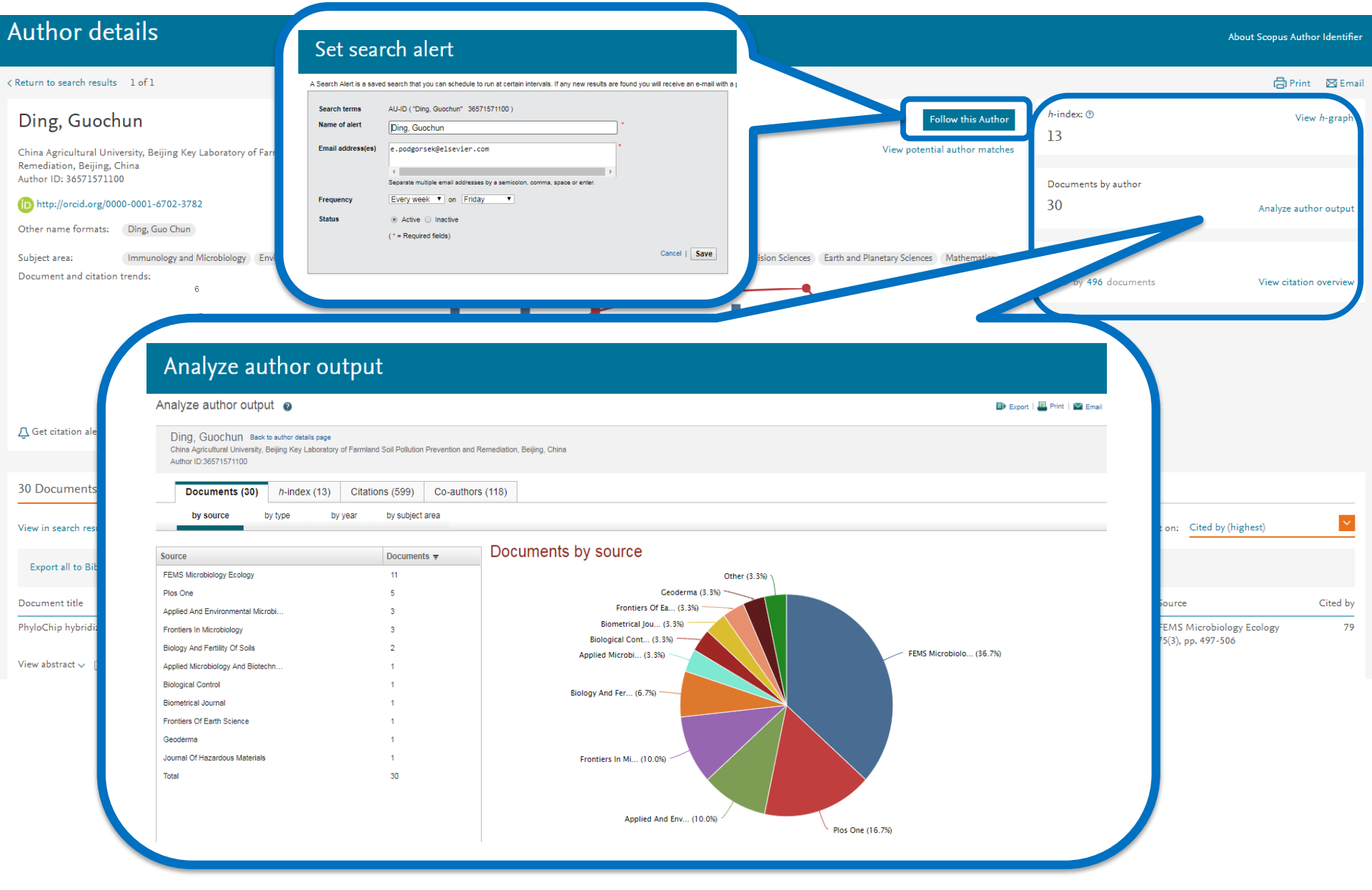


Scopus author profiles benefit researchers by…

- Showcasing your research & its impact
- Making it easy to discover an author
- Enhance your visibility

It also means, author profiles can:

- Boost your career as other people, especially professors or your next employer, look at your profile
- Support to expand the reach of your research
- Which in turn, could lead to other researchers wanting to collaborate with you

Because your profile is your external showcase, keeping it "clean" is important!

For researchers: 1st step towards a clean profile is correct information on your publication! Check misspelling, address, and mark your correct affiliation.

Integrated with

Scopus

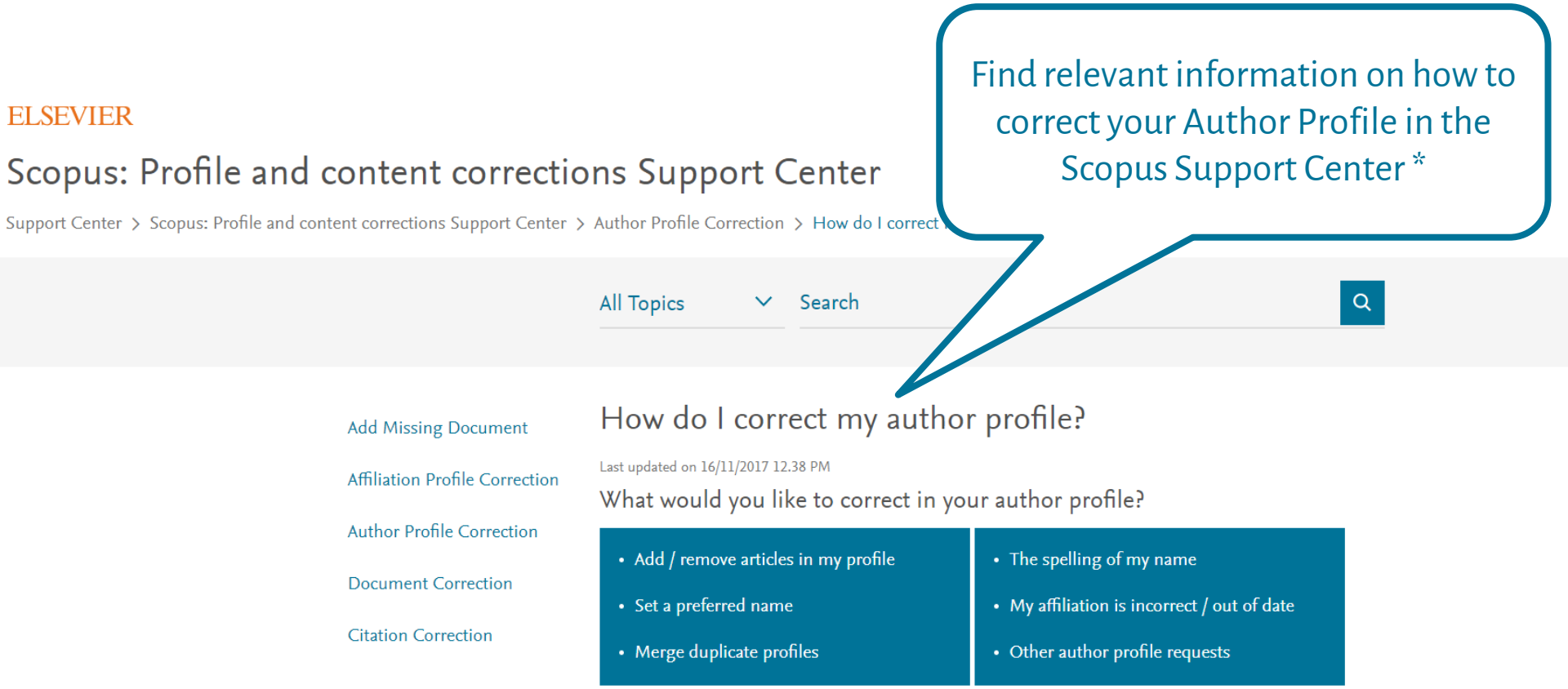
Another way, to keep a clean and unique author profile:

Get an ORCID !

Connecting Research and Researchers

Something is wrong with your Author Profile? Keep calm, we can fix it ☺!

Find relevant information on how to correct your Author Profile in the Scopus Support Center *



* You can also contact your local Scopus team for support. You will find our contact details at the end of this presentation.


Finding researchers
to collaborate with

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Author details

About Scopus Author Identifier

The Scopus Author Profile is also one central element when looking for authors of interest

< Return to search results 1 of 1

Print Email

Ding, Guochun

Follow this Author

View potential author matches

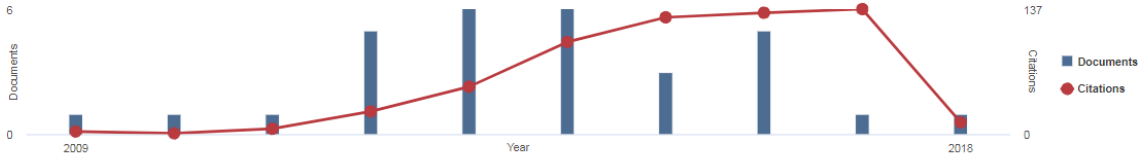
China Agricultural University, Beijing Key Laboratory of Farmland Soil Pc
Remediation, Beijing, China
Author ID: 36571571100

http://orcid.org/0000-0001-6702-3782

Other name formats: Ding, Guo Chun

Subject area: Immunology and Microbiology | Environmental Science | Agricultural and Biological Sciences | Medicine | Biochemistry, Genetics and Molecular Biology | Decision Sciences | Earth and Planetary Sciences | Mathematics

Document and citation trends:



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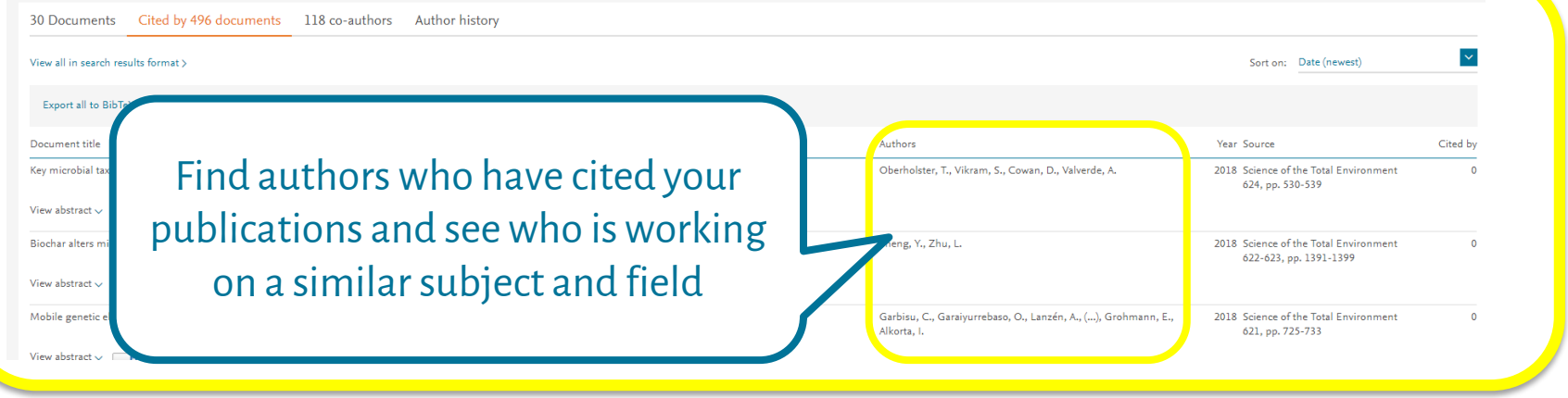
Sort on: Cited by (highest)

Export all to BibTeX file | Save all to list | feed

Document title	Authors	Year	Source	Cited by
PhyloChip hybridization uncovered an enormous bac ...mon and few cultivar-dependent taxa	Weinert, N., Piceno, Y., Ding, G.-C., (...), Andersen, G., Smalla,	2011	FEMS Microbiology Ecology	79

View ab



Find authors who have cited your publications and see who is working on a similar subject and field

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Author details

About Scopus Author Identifier

The Scopus Author Profile is also one central element when looking for authors of interest

< Return to search results 1 of 1

Print Email

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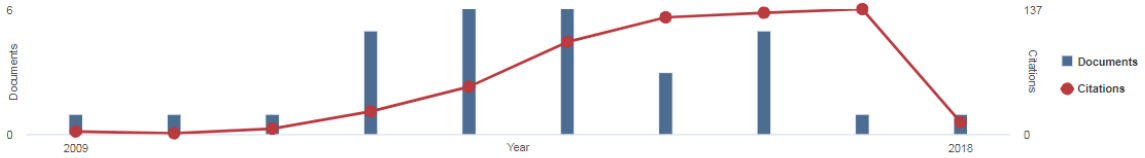
Subject area: Immunology and Microbiology | Environmental Science | Agricultural and Biological Sciences | Medicine | Biochemistry, Genetics and Molecular Biology | Decision Sciences | Earth and Planetary Sciences | Mathematics

Document and citation trends:



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View in search results format >

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Document title

PhyloChip hybridization uncovered an enormous bacterial diversity in the rhizosphere o

View abstract | Full Text | View at Publisher | Related documents

Cited by (highest)

Cited by

crobiology Ecology 79
497-506

30 Documents | Cited by 496 documents | 118 co-authors | Author history

A maximum of 150 co-authors can be displayed View all in search results format >

View co-author overview

Co-authors	Co-authored documents
Smalla, Kornelia	26
Heuer, Holger	14
Heister, Katja	5
Kögel-Knabner, Ingrid	5
Pronk, Geertje Johanna	5
Dealtry, Simone	4
Dunon, Vincent	4
Jechalke, Sven	4
Springael, Dirk	4
Weichelt, Viola	4
Andersen, Gary L.	3

From the co-author overview, you can redirect to each co-author's author profile and view all publications these authors have in common

Finding relevant journals & content

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Literature Search:

A librarian's handout to introdu…es

Not just for librarians: download this useful resource **here**!

KEYWORDS, OPERATORS & FIL…

BRAINSTORM keywords

These are the main ideas of your research question/topic sentence.

EXPAND your keywords

Look at the subject headings of the materials you find and use those terms as applicable.

Or look up your keywords in a subject-specific database thesaurus to find predefined terms (called *"controlled vocabulary"*).

USE Boolean operators

Insert **AND, OR,** and **NOT** into your search to broaden or narrow it.

For example: PTSD OR Post Traumatic Stress Disorder AND soldiers NOT Navy.

REFINE your search results

Filters in the database allow you to narrow a search by year, content type, etc.

At the library: Consult a liaison librarian or subject specialist.

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Author details

About Scopus Author Identifier

The Scopus Author Profile is another central element when looking for interesting journals & publications

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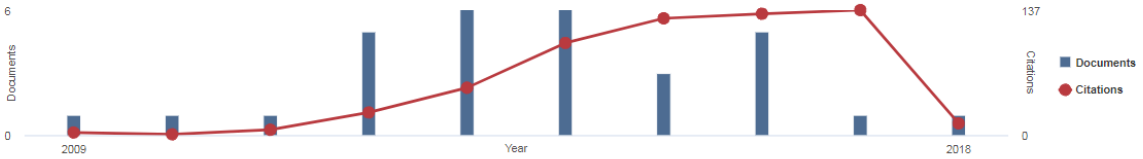

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View in search results format >

Export all to BibTeX file | Save all to list | Set document alert | Set document feed

Document title

PhyloChip hybridization uncovered an enormous bacterial diversity in the rhizosphere of different potato cultivars: Many

View abstract | Full Text | View at Publisher | Related documents

Analyze author output

Analyze author output

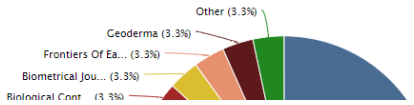
Ding, Guochun Back to author details page
Institute for Epidemiology and Pathogen Diagnostics, Julius Kühn-Institut, Braunschweig, Germany
Author ID:36571571100

Documents (30) | *h*-index (13) | Citations (599) | Co-authors (118)

by source | by type | by year | by subject area

Documents
11
5
3
3

Documents by source



From the "Analyze author output" view, you can navigate to all journals an author has previously published with, and also find other documents and the corresponding journals that cite an author's publications

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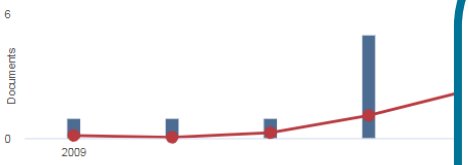

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h-index: 13 View *h*-graph

Documents by author 30 Analyze author output

Get citation alerts | Add to ORCID | Request author detail corrections | Export profile to SciVal

30 Documents | Cited by 496 documents | 118 co-authors | Author history

View in search results format >

Export all to BibTeX file | Save all to list | Set document alert | Set

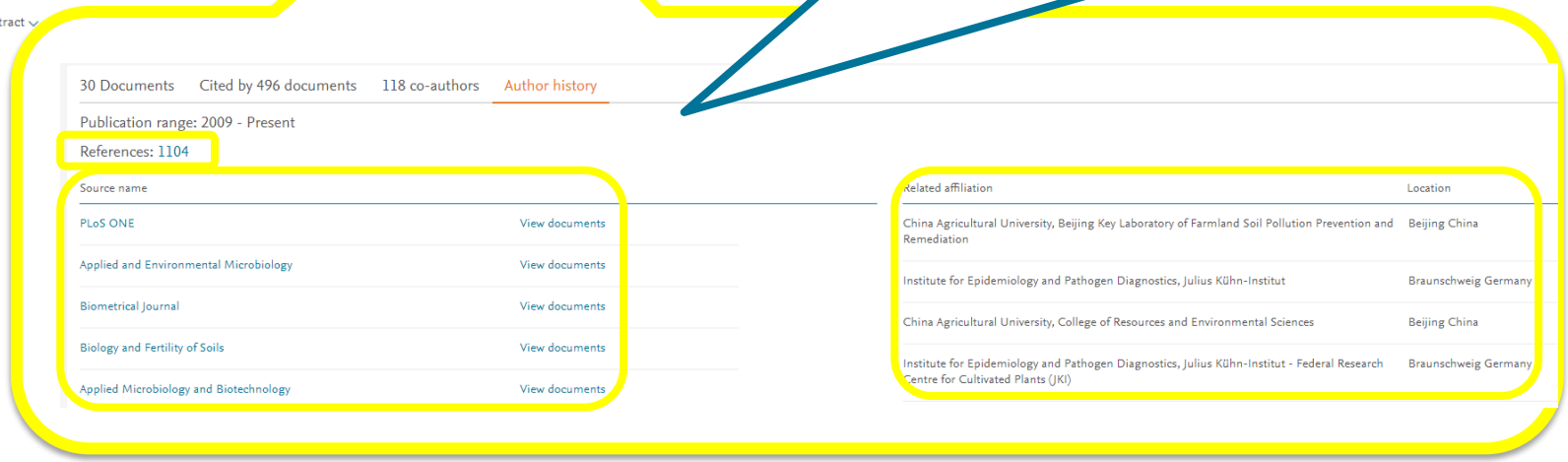
Document title

PhyloChip hybridization uncovered an enormous bacterial di... Many ... 79

View abstract

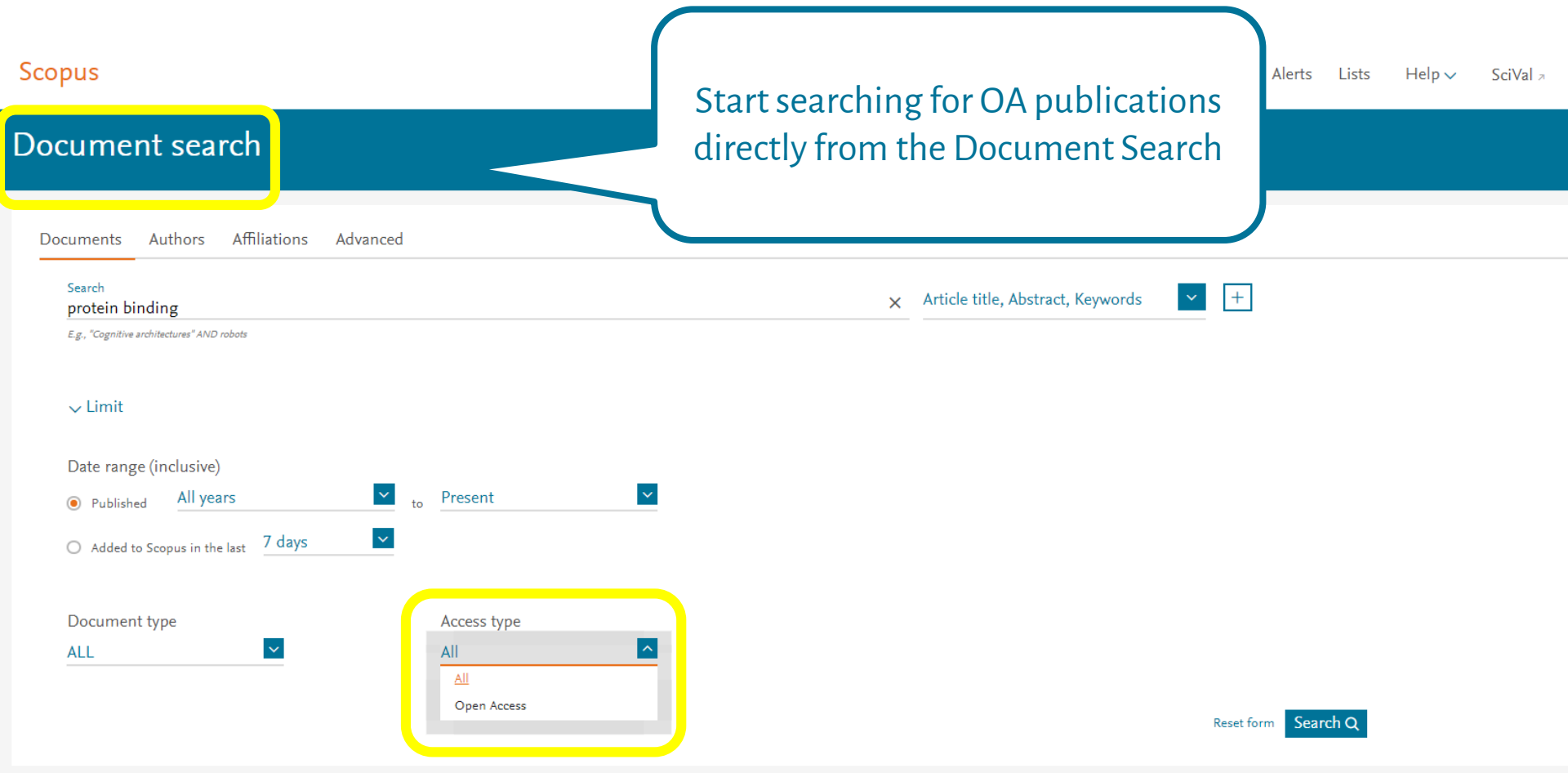
On the "Author history" there are many indicators you can use to further search for relevant content:

1) The author's references will lead you to all articles, the author has cited in any of his/ her publications
2) You can find an overview of all journals the author has published in
3) You will see the author's current & previous affiliation – which might lead you to an affiliation search of related documents



ELSEVIER

Looking for open access content? Scopus makes it easy to find and read available publications



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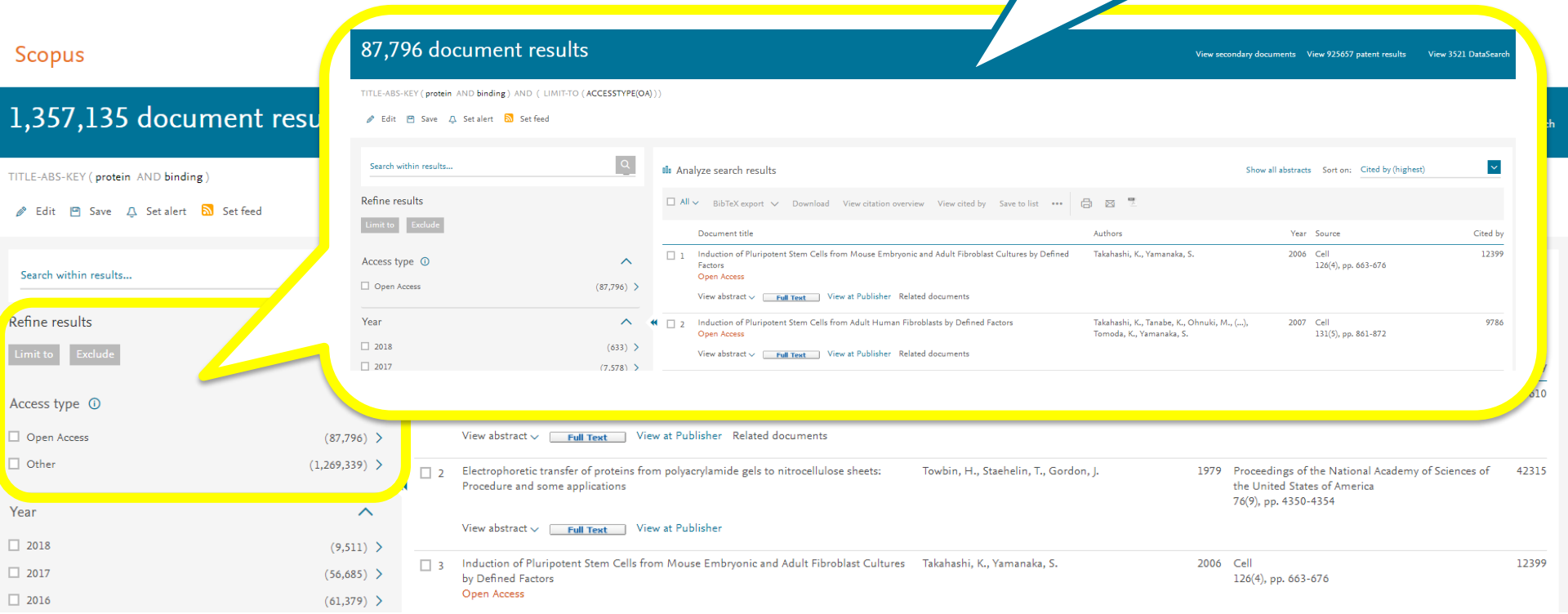
Looking for open access content? Scopus makes it easy to find and read available publications

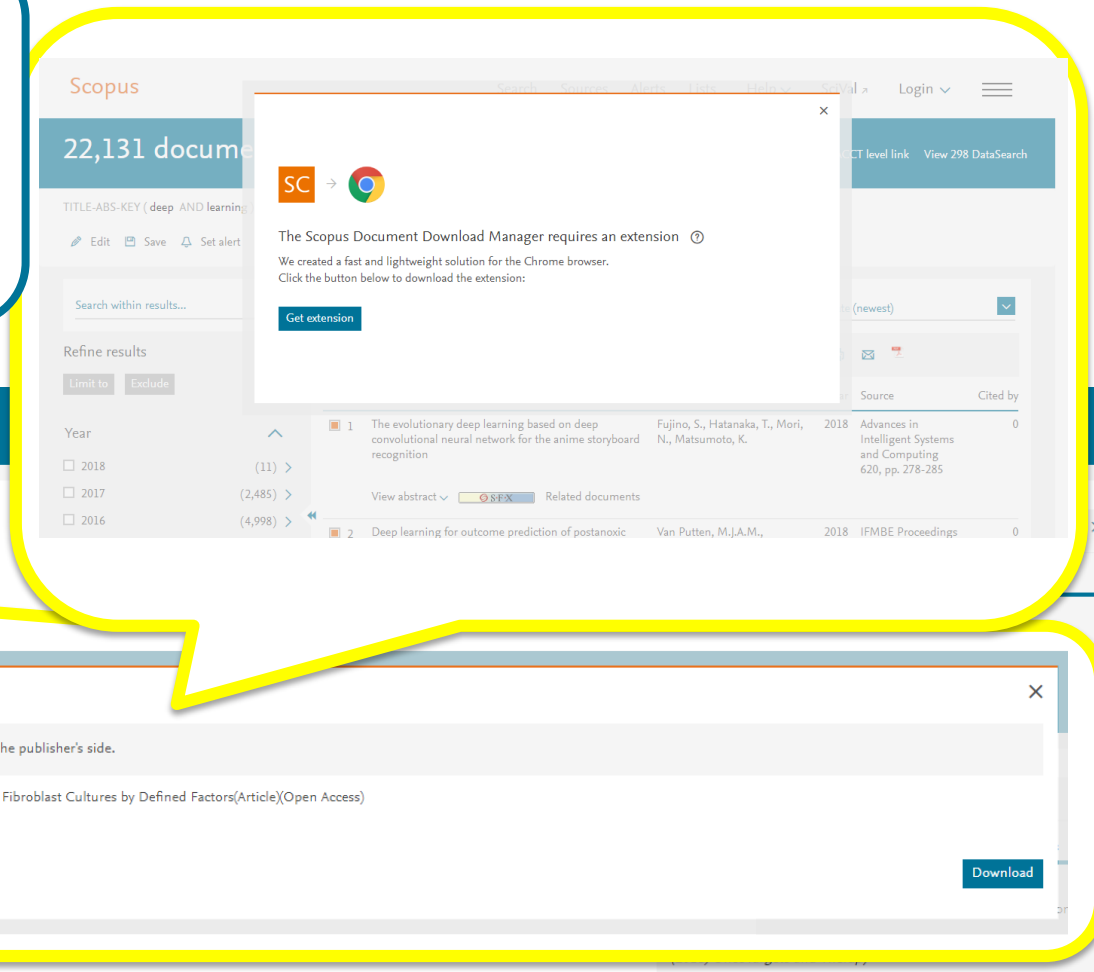
…or refine your results view of any search you've run to just OA publications!



ELSEVIER

Looking for open access content? Scopus makes it easy to find and read available publications

Or download any OA publication for you to read, directly from Scopus with the Documents Download Manager!



Document details

< Back to results | 1 of 87,796 Next >

BibTeX export | Download | Print | E-mail | Save to PDF | Save to list | More... >

Full Text | Copac | View in EMBASE

Cell
Volume 126, Issue 4, 25 August 2006

Induction of Pluripotent

Takahashi, K.[a], Yamanaka, S.[ab]

[a]Department of Stem Cell Biology, In
[b]CREST, Japan Science and Technolo

Abstract

Differentiated cells can be reprogram
we demonstrate induction of pluripo
These cells, which we designated iPS
resulted in tumors containing a varie
be directly generated from fibroblast

25 August 2006, Pages 663-676

Indexed keywords

EMTREE drug terms: kruppel like factor 4 | Myc protein | octamer transcription factor 4 | protein | transcription factor Sox2 | unclassified drug

EMTREE medical terms: animal cell | animal experiment | animal tissue | article | blastocyst | cell culture | cell growth | controlled study | embryo | embryo development | female | fibroblast culture

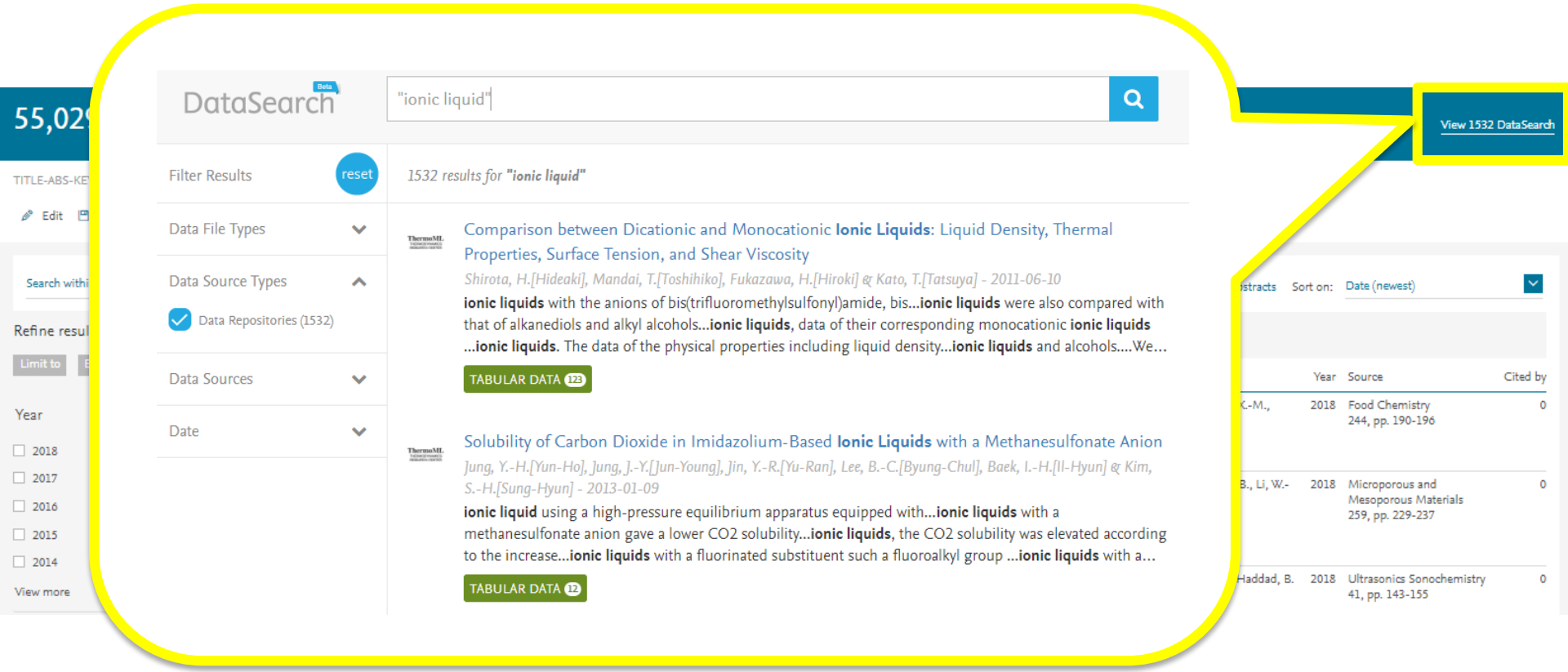
High-efficiency RNA-based reprogramming of human primary fibroblasts

Kogut, I. , McCarthy, S.M. , Pavlova, M.
(2018) Nature Communications

Finding content in Scopus also means finding related research data

DataSearch Beta

When searching for content in Scopus the results lists will be populated with additional information of data sets related to the search term if applicable on basis of the indexed articles.



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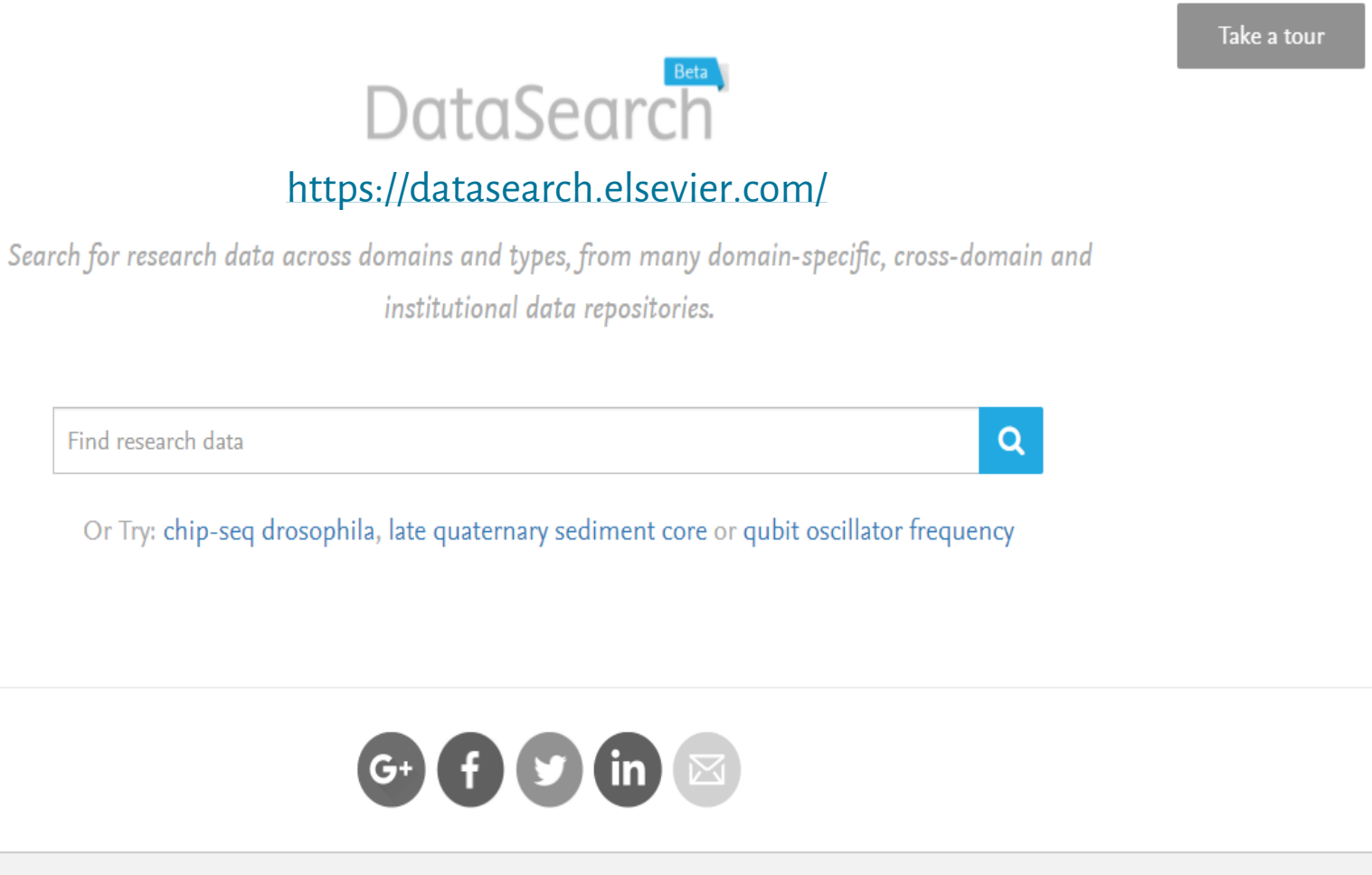
DataSearch integration in Scopus

Research data enhance the value of an article and aid reproducibility. Scopus is recognizing the importance of research data as both output and sourcing for articles.



Datasets and data types covered by DataSearch

DataSearch supports multiple data types:

- Tabular Data
- Image
- Document
- Text
- Software/Code
- File Set
- Sequencing Data
- Geospatial Data
- Slides
- Video
- Audio

By default, when arriving from Scopus, only Data Repositories are selected. DataSearch is also able to retrieve data associated to journal articles from a number of article based repository. If the user wishes, they can edit the filters from the left pane of DataSearch.


Research Metrics

What are research metrics & what are they used for?

- Mostly quantitative measures to help evaluate research outputs/ impact (= attention publications receive)
- It's important to use the appropriate metric for the question you're trying to answer

What are research metrics & what are they used for?

Analyse the strengths of research at the institution

Determine where research is a good potential investment

Demonstrate ROI of research money

Identify rising stars amongst the early career researchers

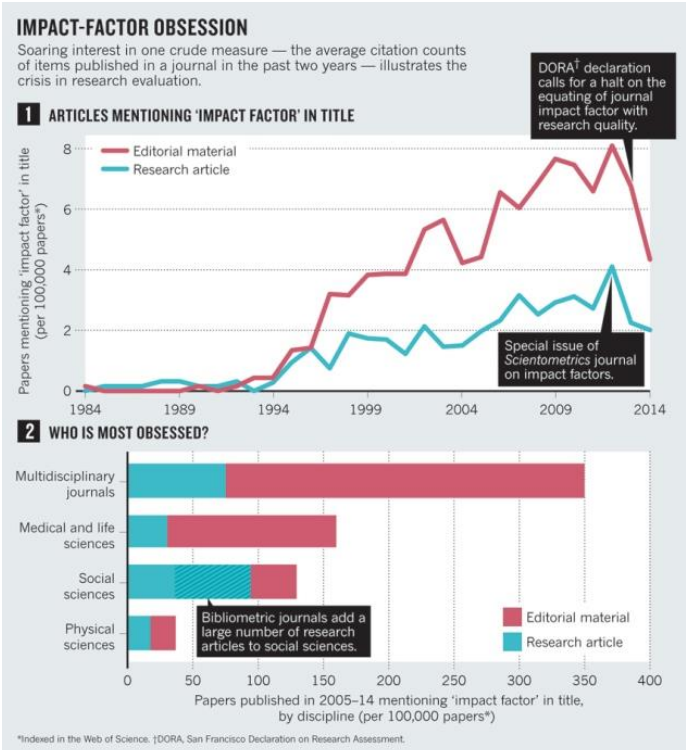
Tell a better narrative about everything that is happening with research

Therefore, measuring your impact matters in many ways...

How to not use research metrics?

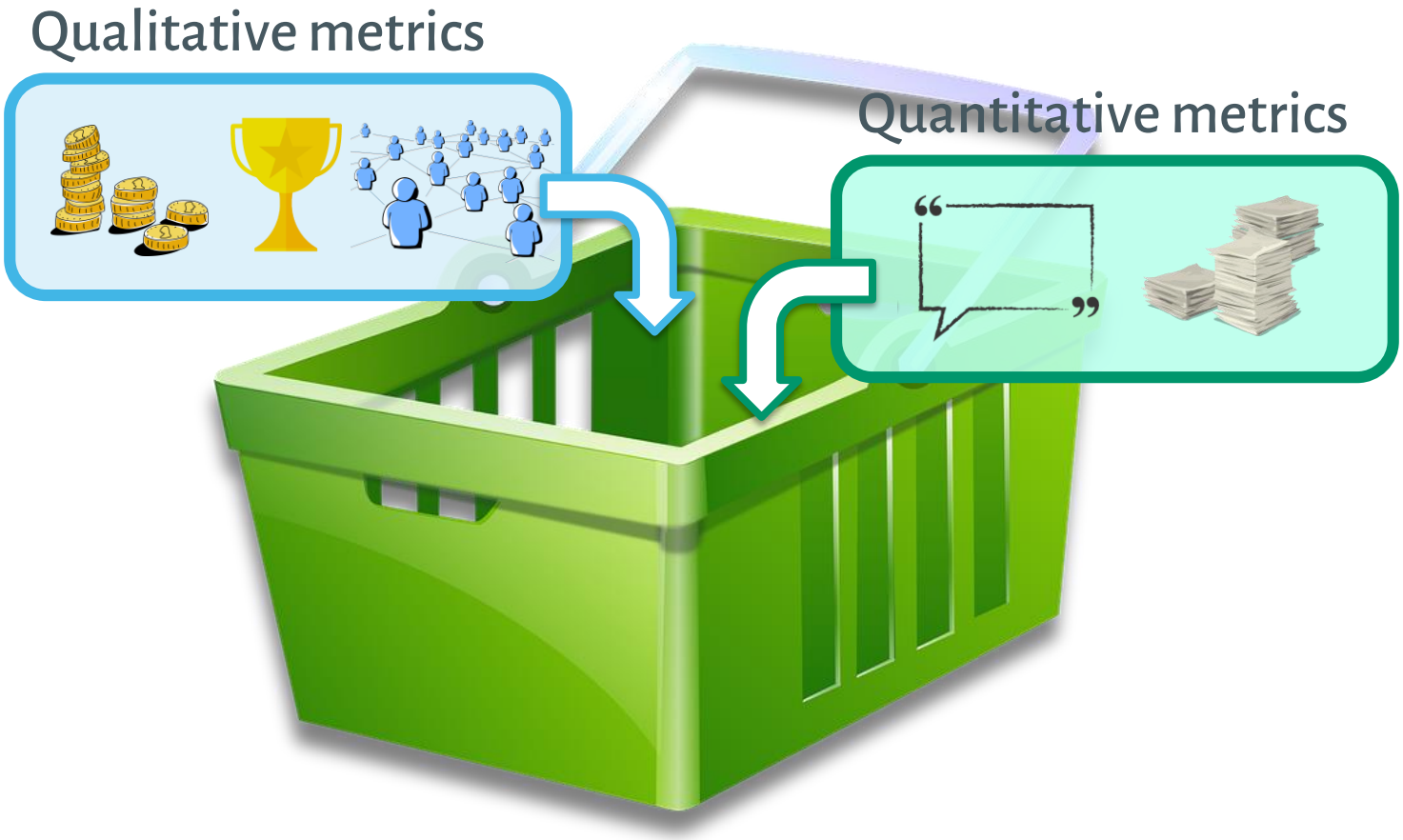
- Citations measure or reflect impact
- Citations are objective
- Higher numbers are always better
- Citations is the only 'currency' that matters

It's much more complex than that



https://www.nature.com/news/bibliometrics-the-leiden-manifesto-for-research-metrics-1.17351

How to use research metrics instead? Basket of metrics contains 2 components



How to use research metrics instead? Two Golden Rules

When used correctly, research metrics together with qualitative input give a balanced, multi-dimensional view for decision-making

Always use both qualitative and quantitative input into your decisions

Always use more than one research metric as the quantitative input

Basket of research metrics: Component 1. Qualitative Input

Funding:
Awards

Outputs
Productivity of research outputs
Visibility of communication channels

Research impact
Research influence
Knowledge Transfer

Engagement
Academic Network
Non-academic Network
Expertise transfer

Societal Impact
Impact in context of social challenges

Qualitative Outputs are important!

The use of journal impacts in evaluating individuals has its inherent dangers. In an ideal world, evaluators would read each article and make personal judgments.

—Eugene Garfield

Garfield E. 2006. The history and meaning of the journal impact factor.JAMA 295:90–93. 10.1001/jama.295.1.90.

Basket of research metrics: Component 2. Quantitative Input

Importance of using multiple metrics from the basket - compensate for weaknesses

Field-Weighted Citation Impact
= 1.53

with

Article Citation Count
= 10

- ✓ Compensates for differences in field, type and age
- ✓ Meaningful benchmark is "built in" – 1 is average for a subject area
- × People may not like small numbers
- × Complicated; difficult to validate
- × No idea of magnitude: how many citations does it represent?

- ✓ Large number
- ✓ Simple, easy to validate
- ✓ Communicates magnitude of activity
- × Affected by differences in field, type and age
- × Meaningless without additional benchmarking

So keep in mind…

"Not everything that can be counted counts.

Not everything that counts can be counted."

—William Bruce Cameron

What types of metrics exist?

What types of metrics exist?

Traditional bibliometrics

mainly focus on citations/ citation count

These metrics reflect an indication of the interest in/ importance of particular research papers within the scholarly community

Alternative metrics

take into account other options of dissemination

Altmetrics are another way to assess the attention publications receive and usually used complementary to bibliometrics. Altmetrics focus on online activity to reveal how research is being shared and discussed both within the academic community and beyond.

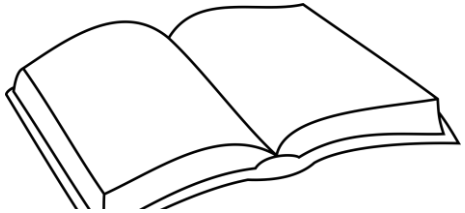
https://www.sheffield.ac.uk/library/research/metrics/intro

What types of metrics does Scopus contain?

Traditional bibliometrics

mainly focus on citations/ citation count

On journal level



CITESCORE
citations in a year to documents published in previous 3 years
# of documents in previous 3 years

SCIMAGO JOURNAL RANK (SJR)
average # of weighted citations received in a year
# of documents published in previous 3 years

SOURCE NORMALIZED IMPACT PER PAPER (SNIP)
journal's citation count per paper
citation potential in its subject field

On article level

CITATION COUNT
# of citations accrued since publication

FIELD-WEIGHTED CITATION IMPACT (FWCI)
# of citations received by a document
expected # of citations for similar documents

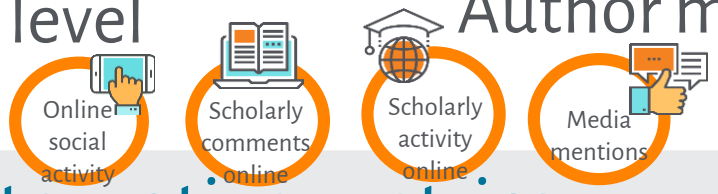
Author metrics

DOCUMENT COUNT
# of items published by an individual or group of individuals

***h*-INDEX**
# of articles in the collection (h) that have received at least (h) citations over the whole period

Alternative metrics

take into account other options of dissemination

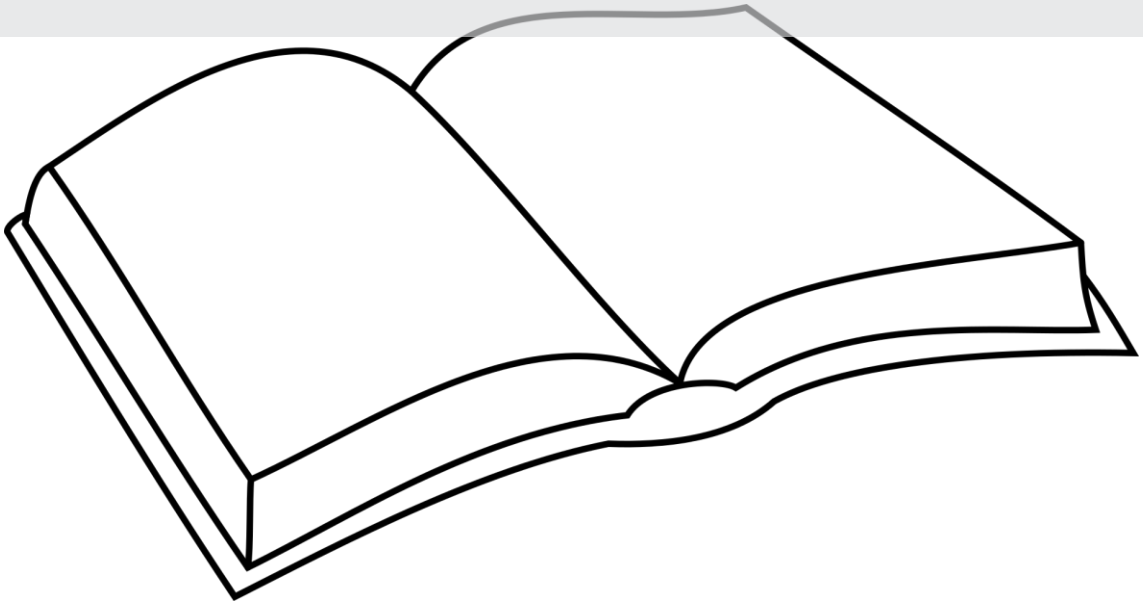


Journal-level metrics in Scopus

CiteScore Metrics

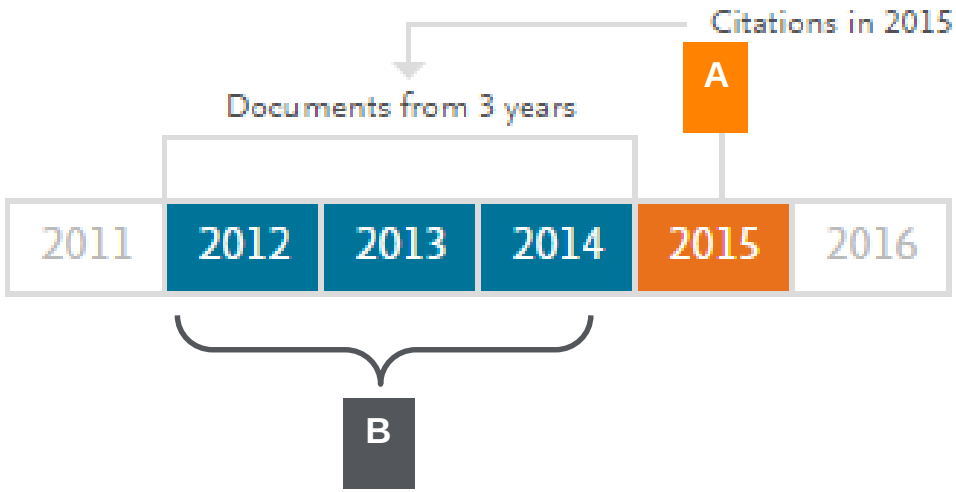
SJR

SNIP



CiteScore is a simple metric for all Scopus journals

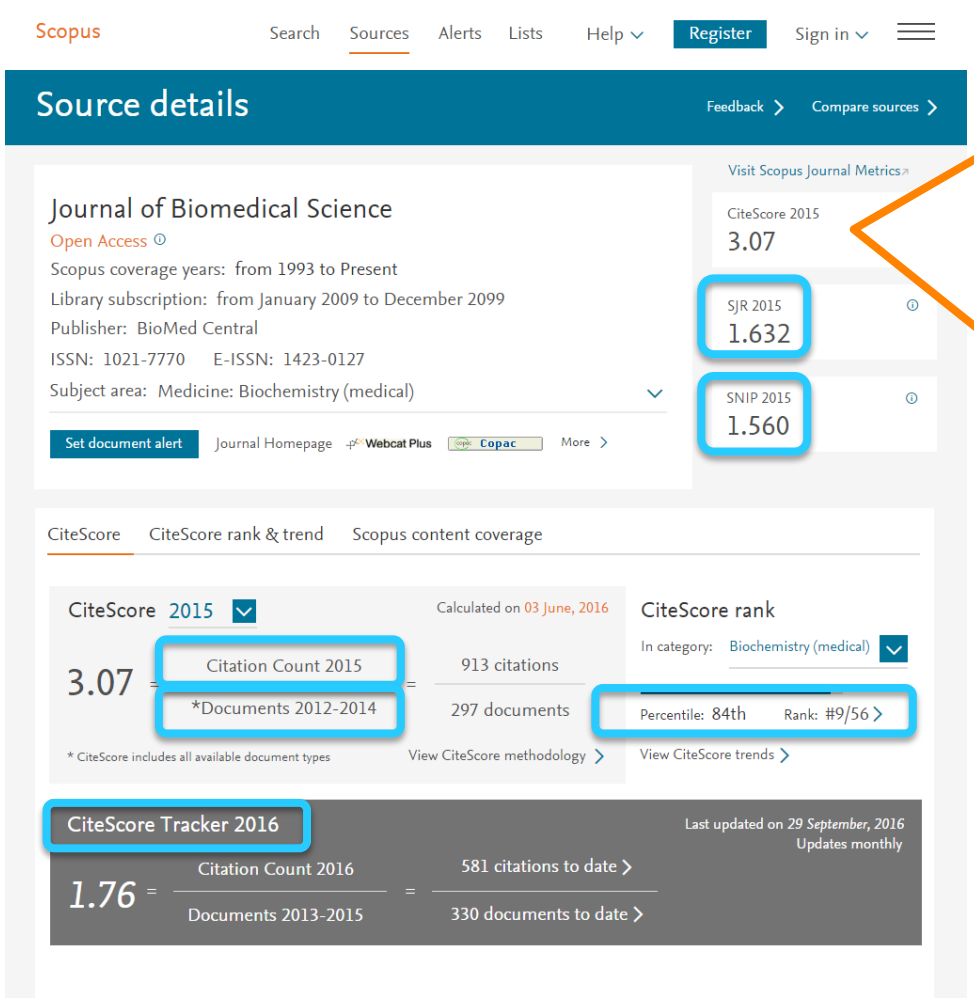
CiteScore 2015 value = $\frac{A}{B}$



CiteScore	Impact Factor
A = citations to 3 years of documents	A = citations to 2 or 5 years of documents
B = all documents indexed in Scopus, same as A	B = only citable items (articles and reviews), different from A

Note: at launch, all titles in the May 2016 title list, and with some documents indexed in 2016, will have CiteScore metrics

CiteScore is one of a family of related metrics



8 complementary indicators:

- CiteScore
- CiteScore Tracker
- CiteScore Percentile
- CiteScore Quartiles
- CiteScore Rank
- Citation Count
- Document Count
- Percentage Cited

How does CiteScore compare?

Comprehensive

Based on Scopus, the world's broadest abstract and citation database

CiteScore metrics will be available for **all serial titles, not just journals**

CiteScore metrics could be **calculated for portfolios**

Transparent

CiteScore metrics are available for **free**

CiteScore metrics are **easy to calculate for yourself**

The **underlying database is available** for you to interrogate

Current

CiteScore Tracker is **updated monthly**

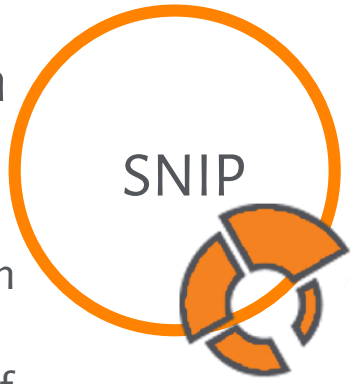
New titles will have CiteScore metrics the year after they are indexed in Scopus

Bibliometric indicators: SNIP & SJR

Scimago Journal Rank

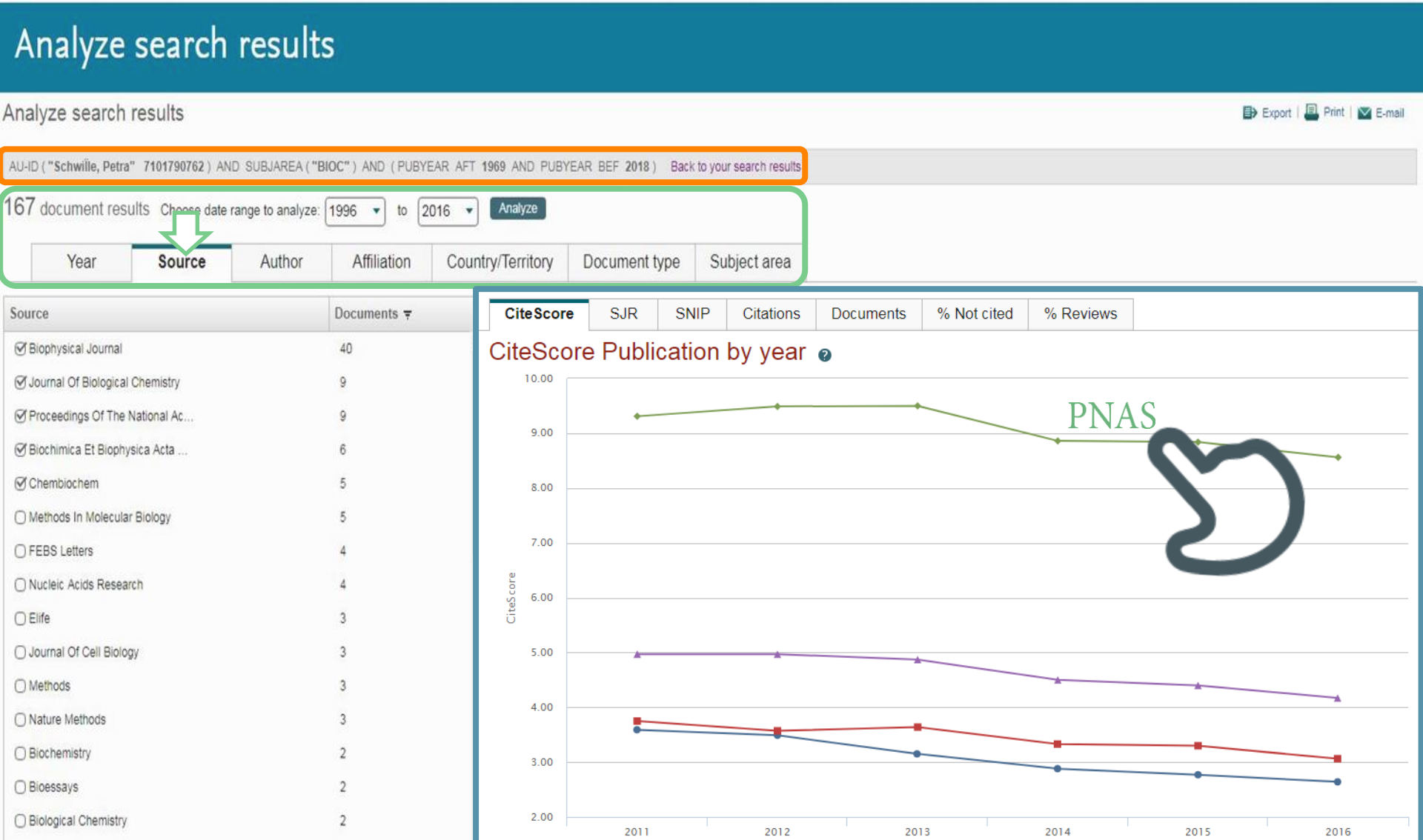
- Freely available at www.scimagojr.com and on Scopus
- Considers 3 years, calculated on Scopus data set
- Self-citations limited
- Citations weighted by the SJR of the citing journal (kind of prestige influence)

Source Normalised Impact per Publication



- Freely available online via Scopus
- Similar to Impact Factor, but considers 3 years
- SNIP indicator controls for the differences in citation behaviour in different scientific disciplines
- SNIP value of 1 means the journal is average in its field in terms of citation rates
- Devised at the University of Leiden

Looking at journal level metrics in Scopus…



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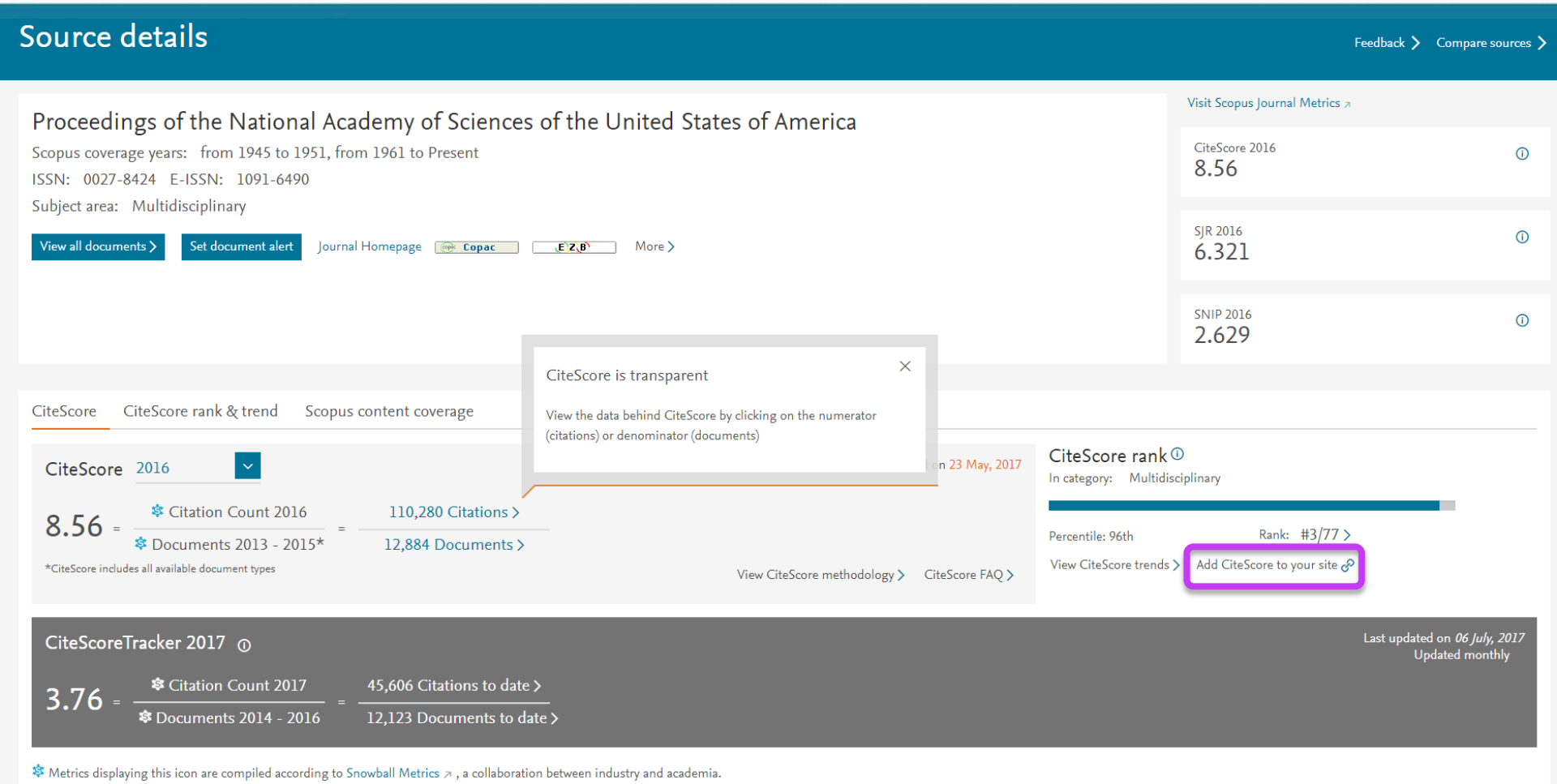
Looking at journal level metrics in Scopus...



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Scopus Journal Metrics for reporting, showcasing and exporting

Powered by Scopus

Help

Journal Metrics

https://journalmetrics.scopus.com/

Get involved

CiteScore 2016 values are here!

CiteScore metrics from Scopus are comprehensive, transparent, current and free metrics for serial titles in Scopus.

Search or filter below to find the sources of interest and see the associated metrics. Report using these annual metrics and track the progress of 2017 metrics with CiteScore Tracker 2017.

Be sure to use qualitative as well as the below quantitative inputs when presenting your research impact, and always use more than one metric for the quantitative part.

Refine titles

CiteScore 2016 methodology

Download all metrics

Refine by subject areas...

Search titles...

2016

Show more filters

Showing 22,618 titles

Clear Filters

CiteScore metrics calculated on **31 May, 2017**. SNIP and SJR calculated on **27 June, 2017**

	Title	CiteScore	Highest CiteScore Percentile	CiteScore Rank	Citations 2016	Documents 2013-15	% Cited	SNIP	SJR
1	Ca-A Cancer Journal for Clinicians *Hematology*	89.23	99%	1/117	11,957	134	72%	67.564	39.285
2	Chemical Reviews *General Chemistry*	42.79	99%	1/354	33,976	794	97%	10.369	19.282
3	Chemical Society Reviews *General Chemistry*	35.70	99%	2/354	43,909	1,230	98%	7.676	14.994
4	Reviews of Modern Physics *General Physics and Astronomy*	35.68	99%	1/198	4,389	123	99%	18.377	23.543

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Scopus®

The largest abstract and citation database of peer-reviewed literature from more than 5,000 publishers

Get involved

https://blog.scopus.com/get-involved

Get involved and help define the basket of metrics!

Research outputs are becoming more and more diverse.

Researchers have more opportunities to communicate their outputs, and research metrics are becoming more widely used by evaluators, alongside expert opinion, to help make sense of this wide-ranging set of skills and expertise.

The basket of metrics that researchers and their evaluators expect to use is becoming larger and more varied. The metrics in the basket need to be available for **articles** and **researchers**, as well as for **journals** and **institutions**.

We are asking you for your help to define the basket of metrics.

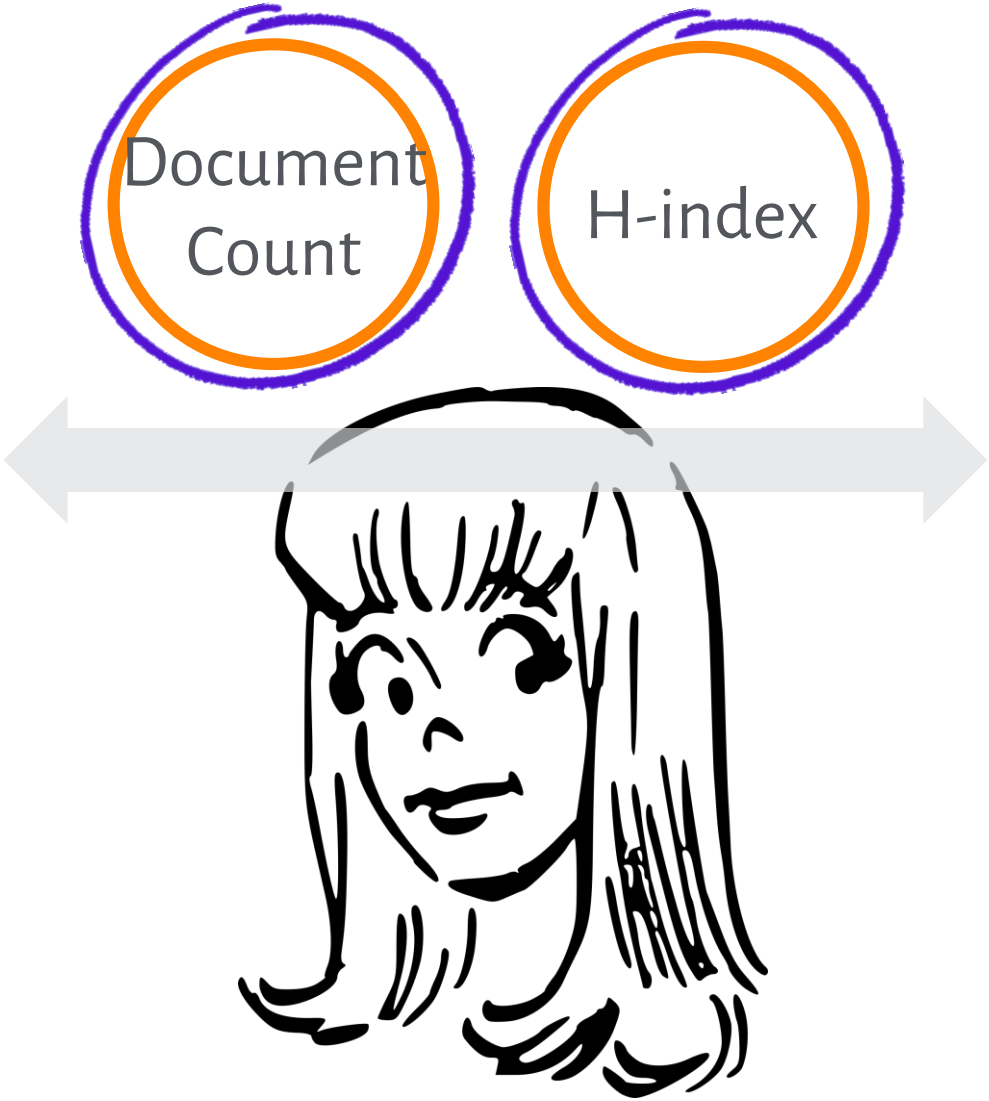
Please take a few minutes to complete this survey, which asks for your opinion on a model of research performance.

Go to survey

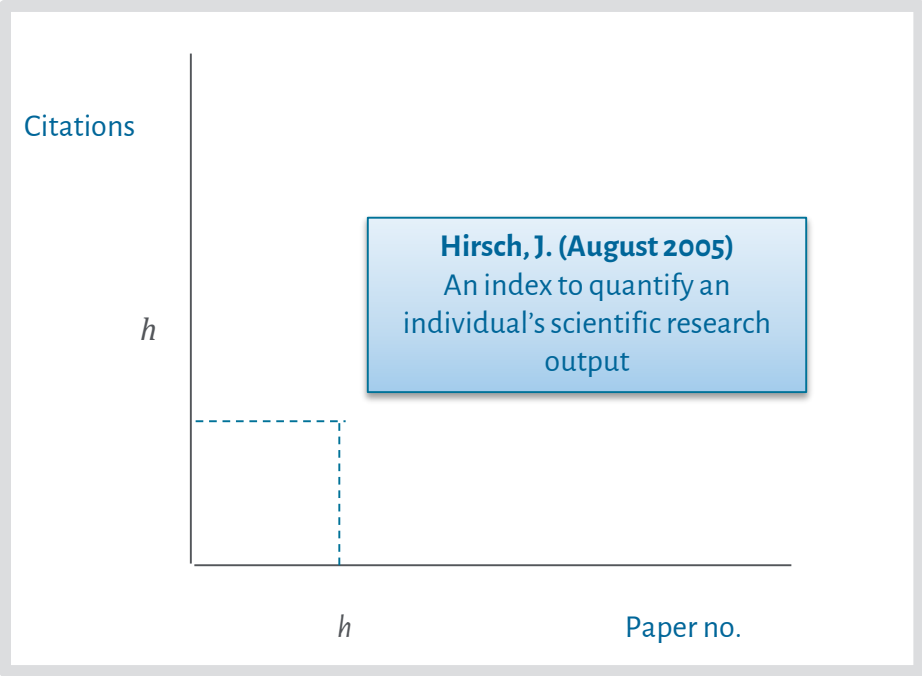
Thank you for your input,

Cambridge University Press
Elsevier

Author metrics in Scopus



The H-Index: available on your Scopus author profile



An h-index of 34 means that the author has at least 34 papers that each have been cited at least 34 times

- Available online via Scopus
- Rates individuals based on career publications
- Incorporates both quantity and quality
- Productivity and age constraints

Article-level metrics in Scopus

Citation Count

FWCI

% bench-marks

Outputs in top %

Article-level metrics: a snapshot

CITATION COUNT

# of citations accrued since publication

A simple measure of attention for a particular article, journal or researcher. As with all citation-based measures, it is important to be aware of citation practices. The paper "Effective Strategies for Increasing Citation Frequency"[3] lists 33 different ways to increase citations.

FIELD-WEIGHTED CITATION IMPACT (FWCI)

# of citations received by a document
expected # of citations for similar documents

Similar documents are ones in the same discipline, of the type (e.g., article, letter, review) and of the same age. An FWCI of 1 means that the output performs just as expected against the global average. More than 1 means that the output is more cited than expected according to the global average; for example, 1.48 means 48% more cited than expected.

PERCENTILE BENCHMARK (ARTICLES)

compares items of same age, subject area
& document type over an 18-month window

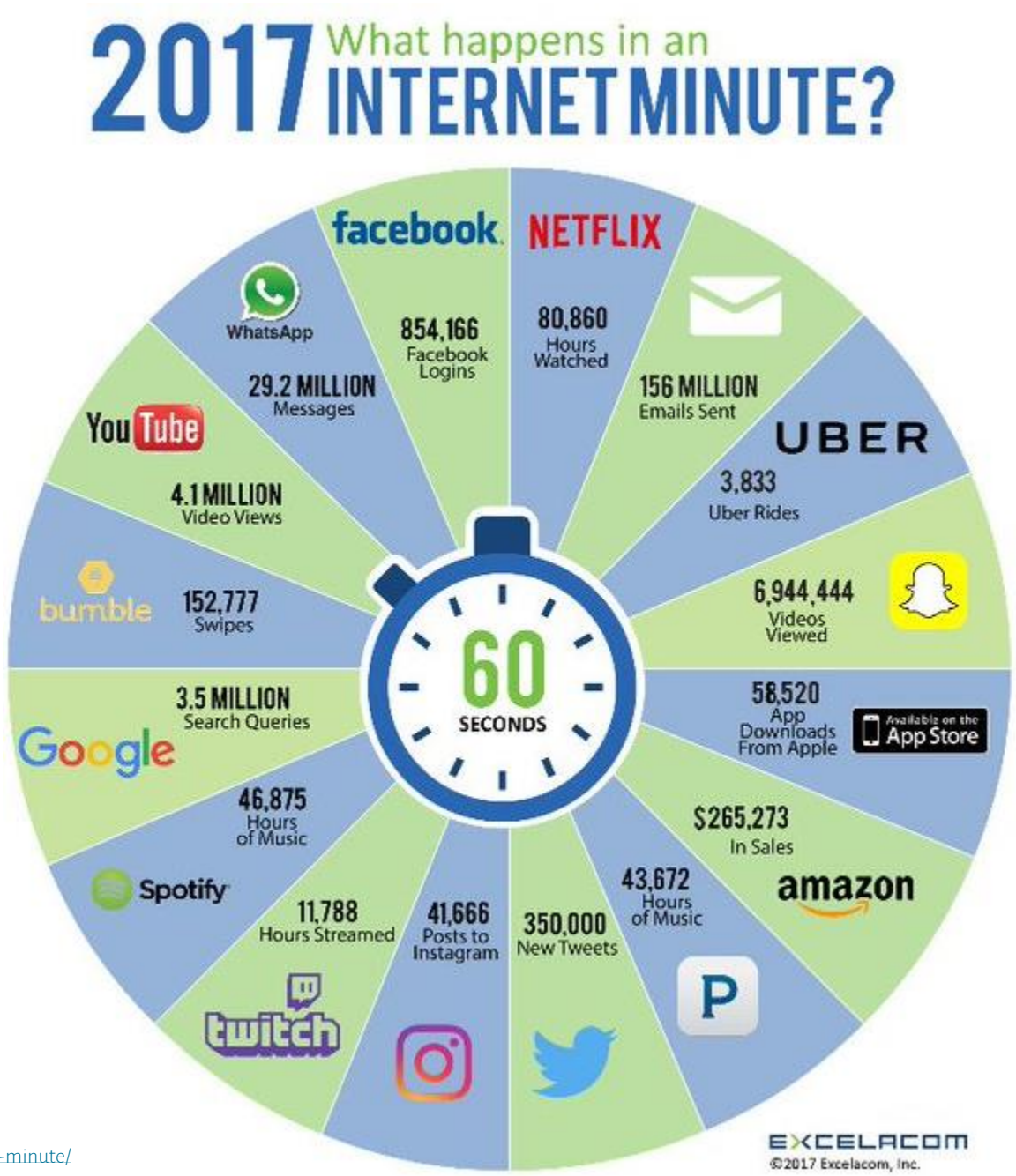
The higher the percentile benchmark, the better. This is available in Scopus for citations, and also for Mendeley readership and tweets. Particularly useful for authors as a way to contextualize citation counts for journal articles as an indicator of academic impact.

https://libraryconnect.elsevier.com


Alternative
metrics

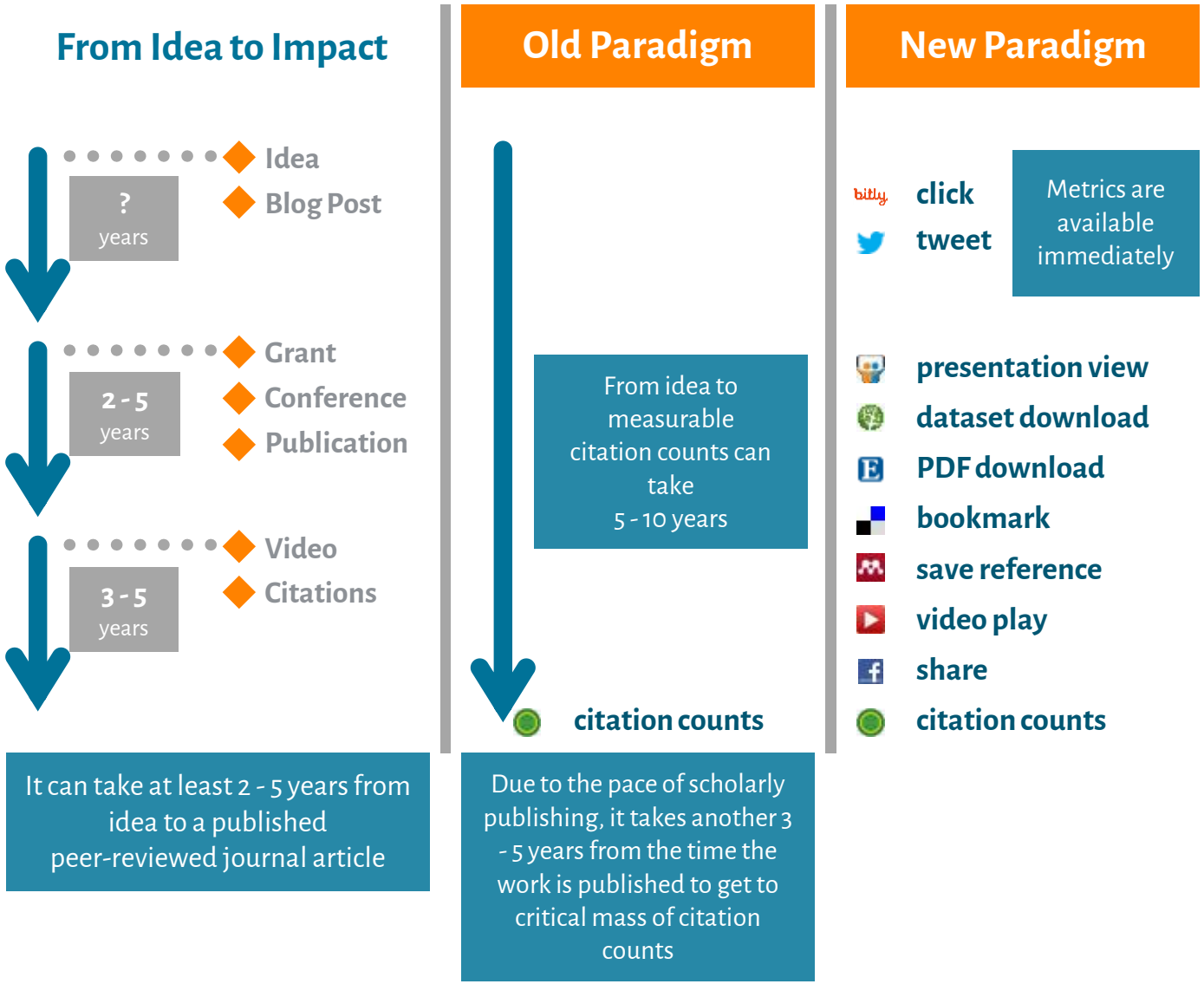
Why do we need alternative metrics?

Snapshot of what was going on in 1 minute on the internet in 2017



http://www.dalendesign.com/webpress-blog/social-media/happens-internet-minute/

The metrics timeline has changed:



Advantages and Limitations of altmetrics

Advantages

- ✓ Broadness: measure impact beyond science
- ✓ Diversity: measure impact of scholarly products other than papers
- ✓ Speed: permit impact to be measured shortly after the publication of an output
- ✓ Openness: easy to obtain altmetric data (e.g. through Web APIs)

Limitations

- x Commercialization: potential bias due to promotion of communication as core feature of many products
- x Data quality: geographical or demographical bias, no measurement and mention standards
- x Missing evidence: large scale studies are rare, more research is needed
- x Manipulation: potential for gaming

Source: L. Bornmann, Journal of Informetrics. 8 (2014), pp. 895–903

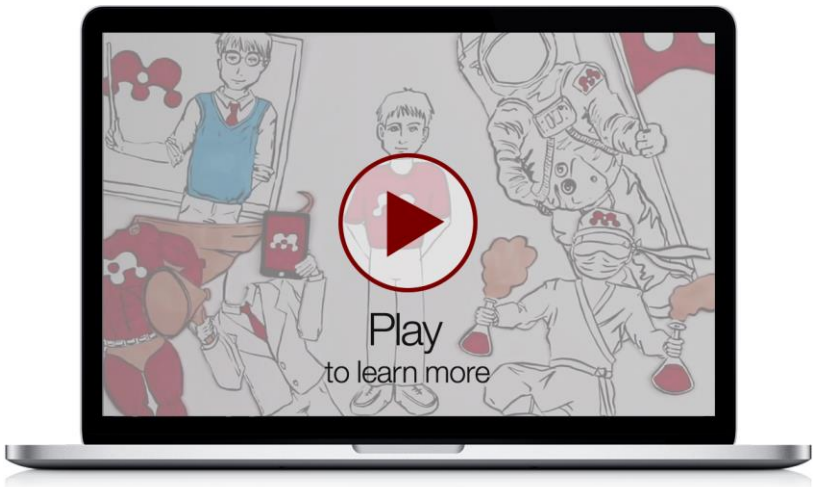
Alternative metrics: a general overview

Scholarly activity online

Scholarly comments online

Online social activity

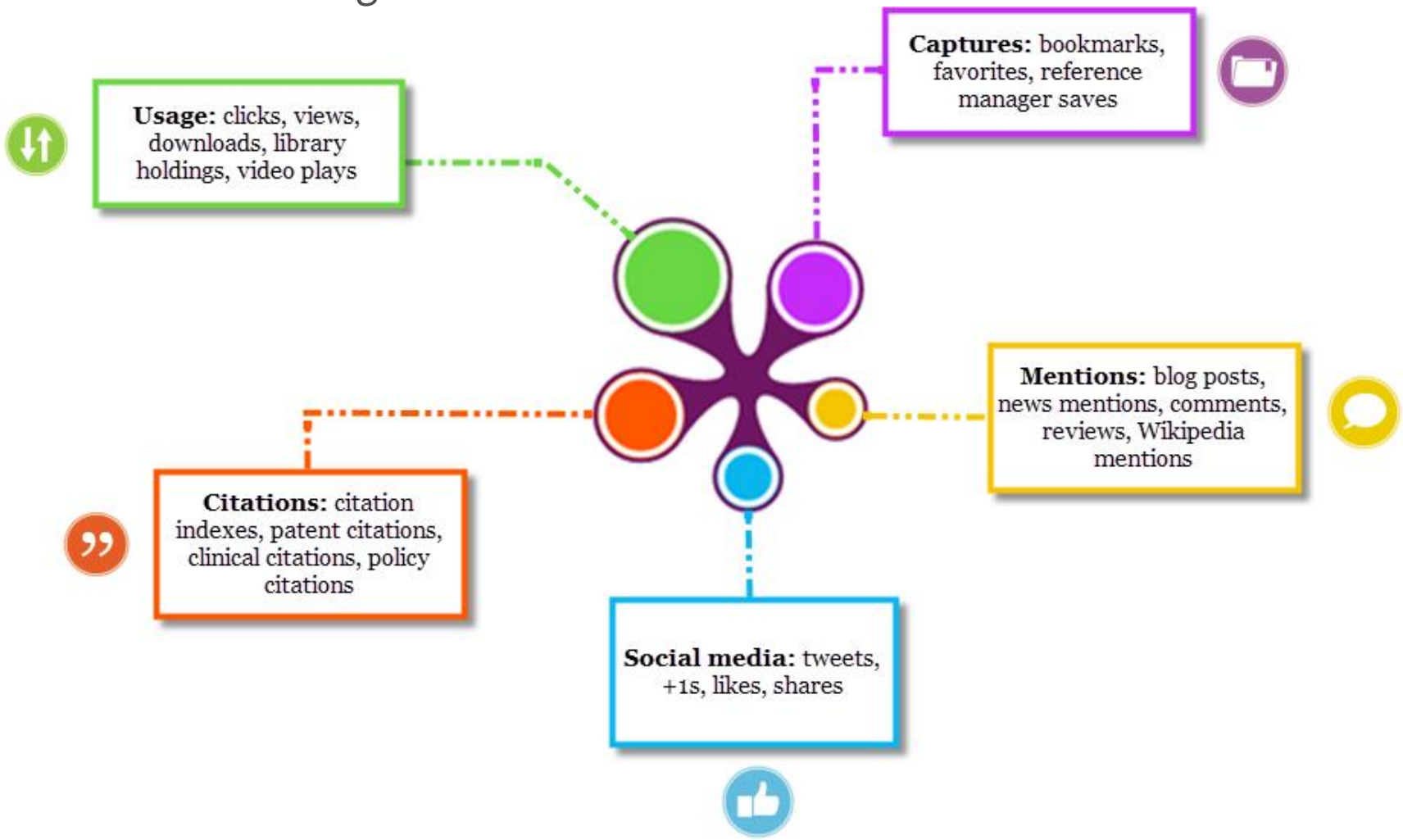
Media mentions



Alternative Metrics in Scopus: PlumX

Tracking impact – beyond citation metrics

The PlumX categories:



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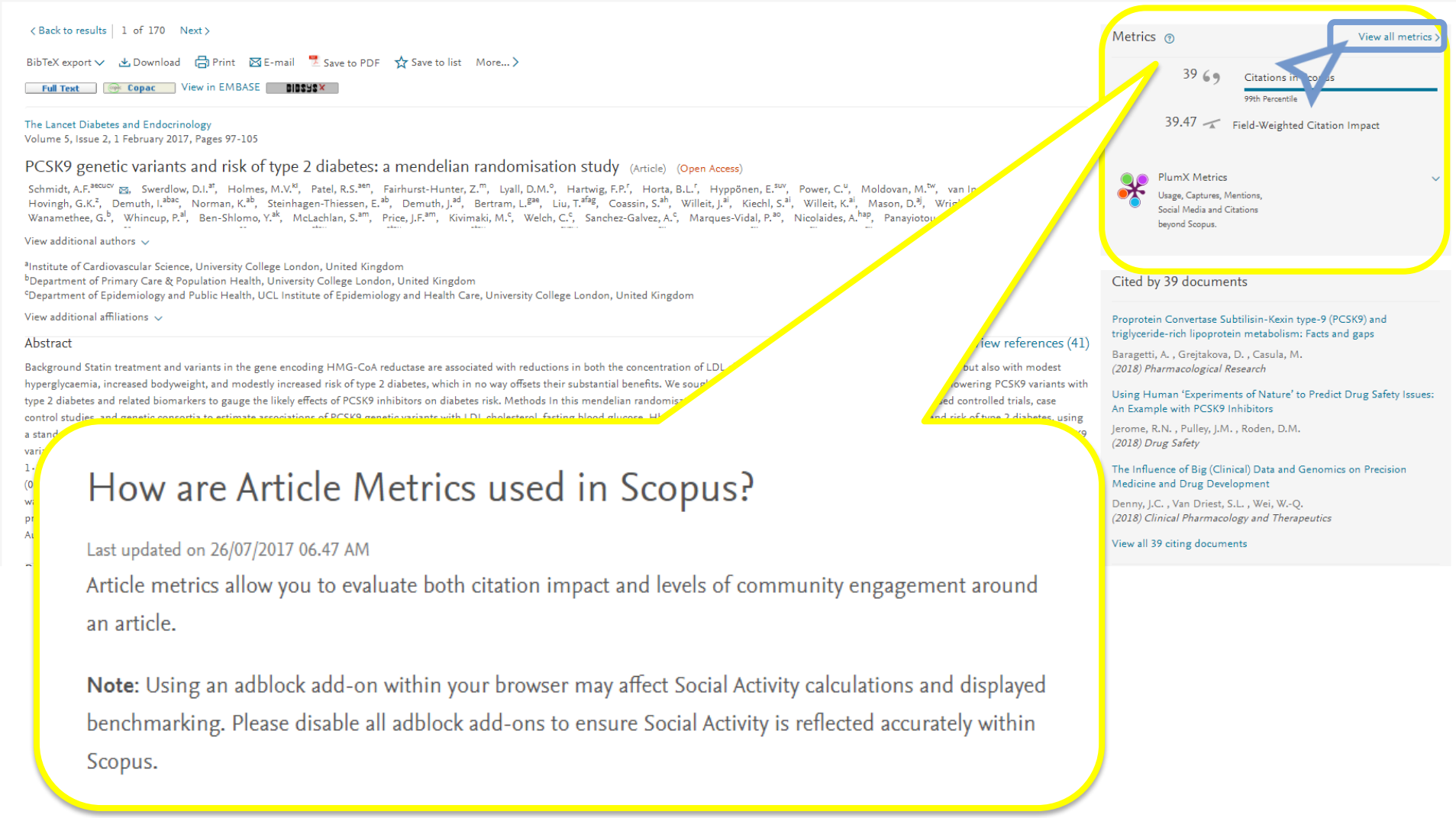
Article-level metrics & Alternative metrics in Scopus

Document details



How are Article Metrics used in Scopus?

Last updated on 26/07/2017 06.47 AM

Article metrics allow you to evaluate both citation impact and levels of community engagement around an article.

Note: Using an adblock add-on within your browser may affect Social Activity calculations and displayed benchmarking. Please disable all adblock add-ons to ensure Social Activity is reflected accurately within Scopus.

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Article-level metrics & Alternative metrics in Scopus

Metric Details

Citation metrics and benchmarking on article-level

Email

PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study Back to article
(2017) The Lancet Diabetes and Endocrinology, 5(2), pp. 97-105

Scopus Metrics

About Snowball Metrics

Citation Count
39
Cited by in Scopus

Field-Weighted Citation Impact
39.47

Citation Benchmarking
99th percentile
Compared to Biochemistry, Genetics and Molecular Biology articles of same age and document type

Cited by

Export

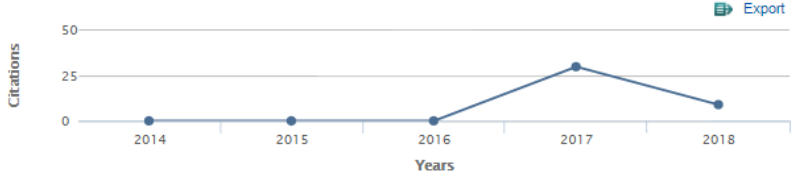
39 Citati

Date range: 201

Exclude self c

Exclude citatio

Edit the data for t

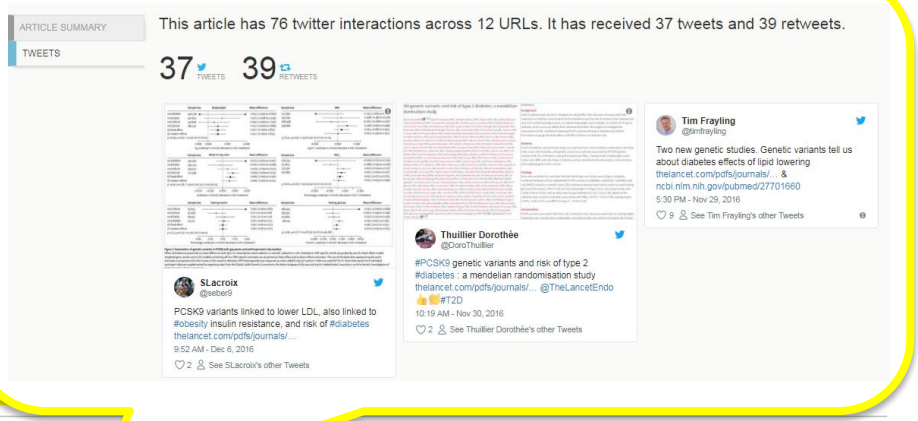


Benchmarking

Measures of activity relative to specific research domains, based on cited by in Scopus

Compared to Biochemistry, Genetics and Molecular Biology articles of the same age and document type

All Citations 99 TH PERCENTILE



PlumX Metrics
see details

Usage		Captures		Social Media		Citation
Bitly - Clicks:	1	EBSCO - Exports-Saves:	4	Twitter - Tweets:	78	CrossRef - Citation Index
EBSCO - Abstract Views:	221	Mendeley - Readers:	40			PubMed - Citation Index
EBSCO - Link-outs:	6	Mendeley - Readers:	40			
		Mendeley - Readers:	18			
		Mendeley - Readers:	2			

You can click on any of those metrics for a detailed view

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thank
you