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ELSEVIER

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>

About | www.Scopus.com | [Learn More](#) | [Sales and Support](#)

ELSEVIER

A graphic on the left side of the banner featuring a central white circle surrounded by a complex, multi-colored circular pattern of lines and dots in shades of orange, grey, and blue.

Scopus[®]

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

[All Posts](#)[Product Releases](#)[Tips & Tricks](#)[Webinars](#)[Get Involved](#)

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.

Search this blog

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Scopus Support Center – first aid in times of need

ELSEVIER

Scopus Support Center

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

All Topics



Search



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

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📞 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

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Customize Scopus for your institution

Scopus

[Search](#)[Sources](#)[Alerts](#)[Lists](#)[Help](#) ▼[SciVal](#) ↗[Frank lewis](#) ▼

Document search

[Compare sources](#) >[Documents](#)[Authors](#)[Affiliations](#)[Advanced](#)[Search tips](#) ?

Search

E.g., "heart attack" AND stress

Article title, Abstract, Keywords



> Limit

Reset form

Search Q



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Learn more about how to
Improve Scopus

About Scopus

[What is Scopus](#)[Content coverage](#)

Language

[日本語に切り替える](#)[切换到简体中文](#)

Customer Service

[Help](#)[Contact us](#)

Today's topics:

Scopus: the Basics

How can Scopus support your research?

*



How can Scopus support your institution's external view?

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

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

*

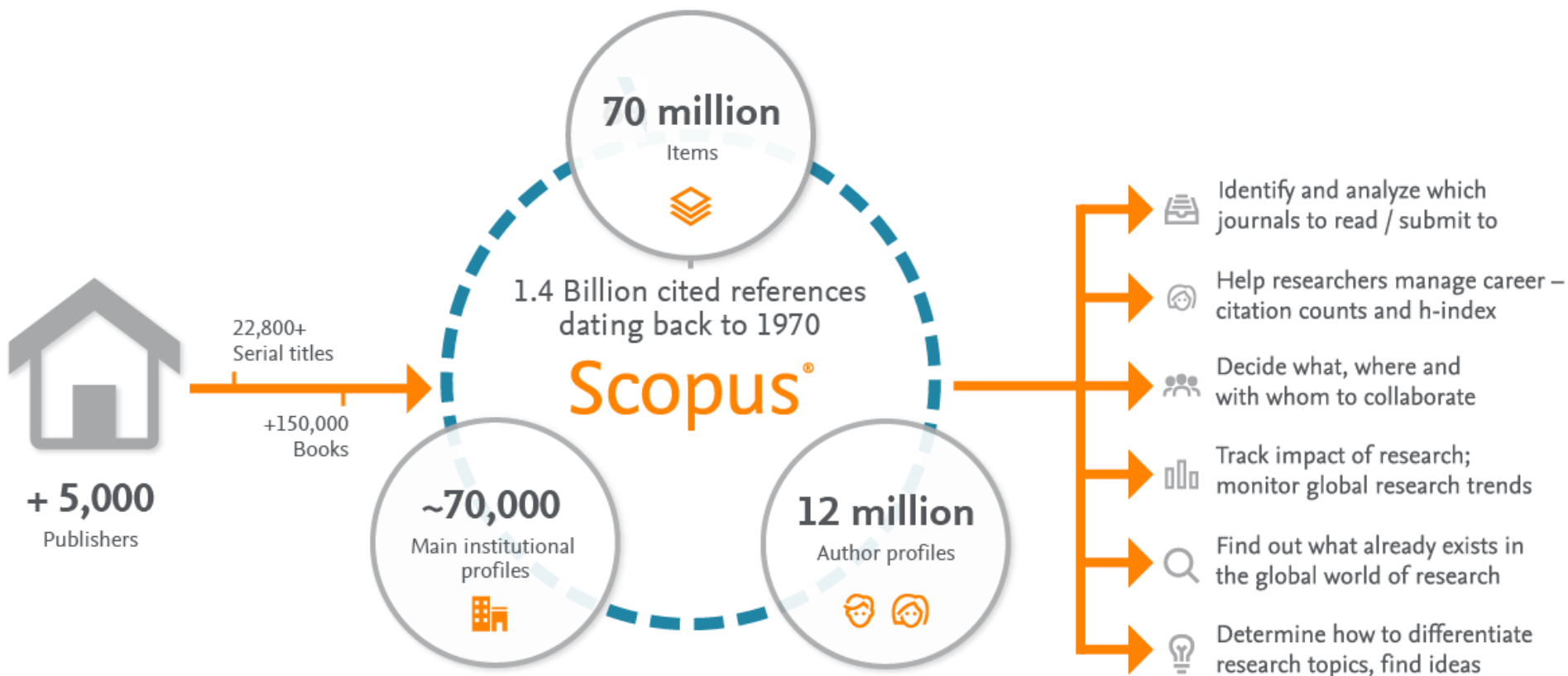
- △ Affiliation profiles & tracking publication output
- △ Scopus metrics & evaluation

A pair of black-rimmed glasses is positioned horizontally across the middle of the frame. The glasses are resting on a document that features a grid pattern and some text, which is slightly out of focus. An orange rectangular overlay is placed over the lower part of the glasses and the document, containing the title text.

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

High-quality Data

5,000+ Publishers



Serial Titles

22,800+

peer reviewed
journals

3,600+

open access titles

280+

trade journals

Books

560+

book series

150,000+

non-serial books

Conferences

100,000+

conference events

8+ million

conference papers



70M records



“Articles in Press”
from >5,000 titles

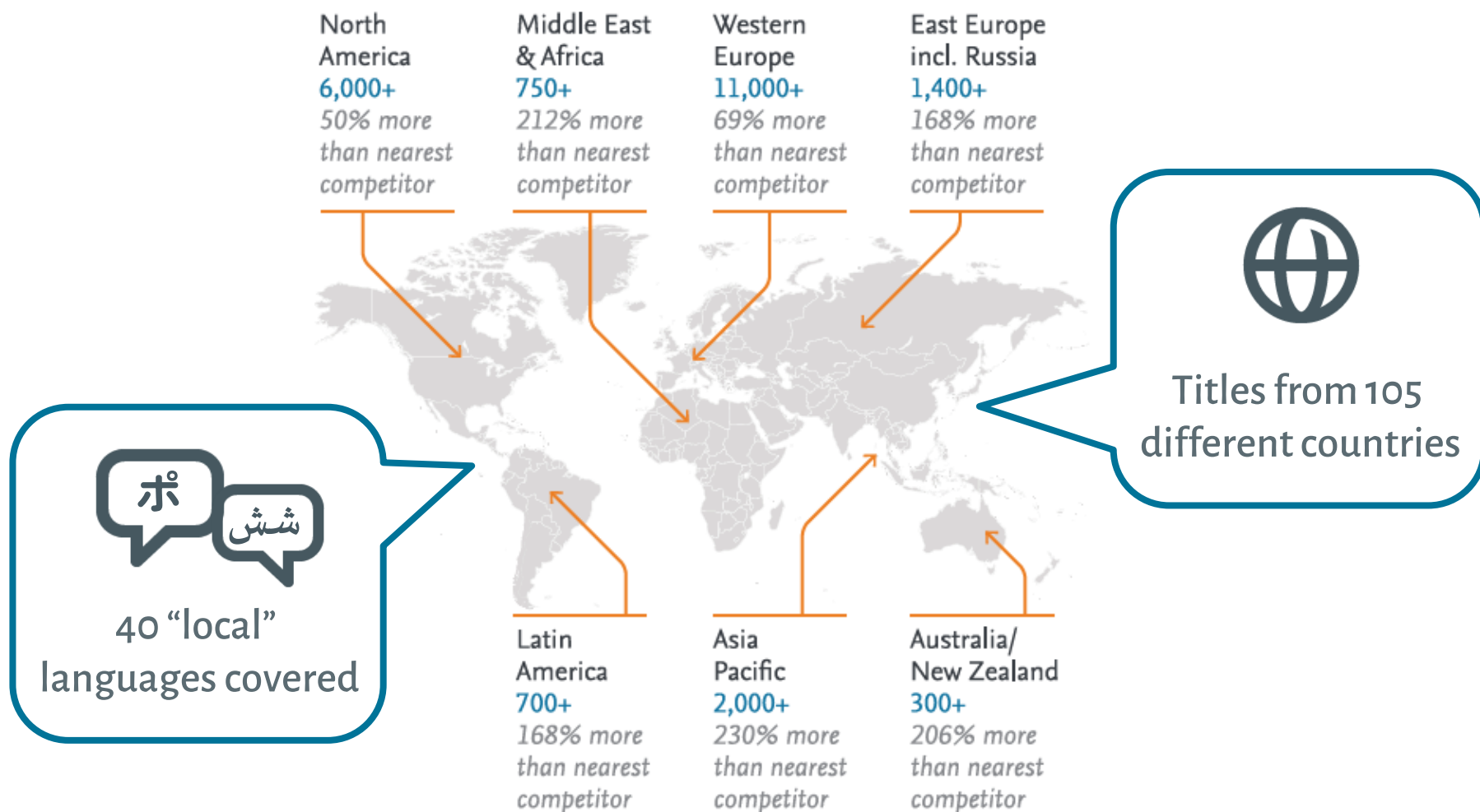


>28M patents

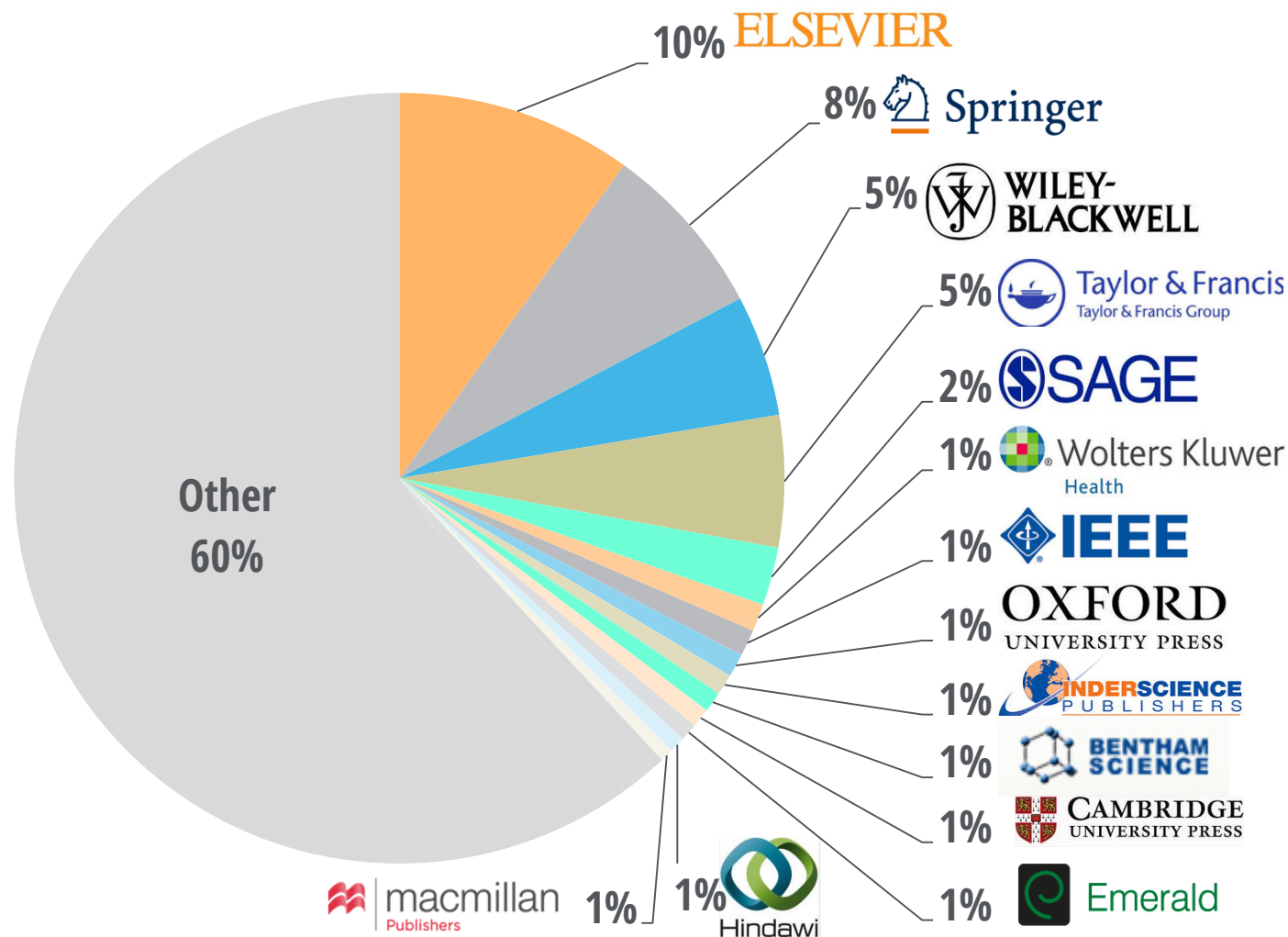


Growing number of
linked research
datasets

Scopus contains a global representation of relevant research...



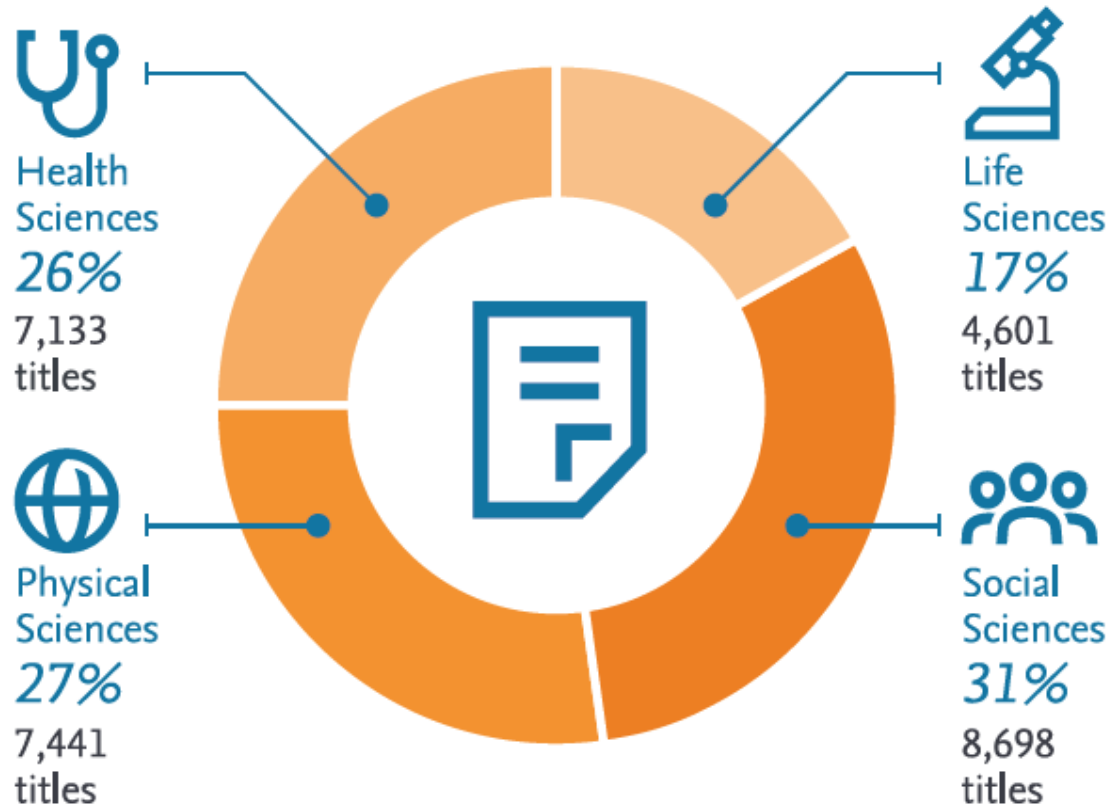
...across publishers worldwide...



[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:

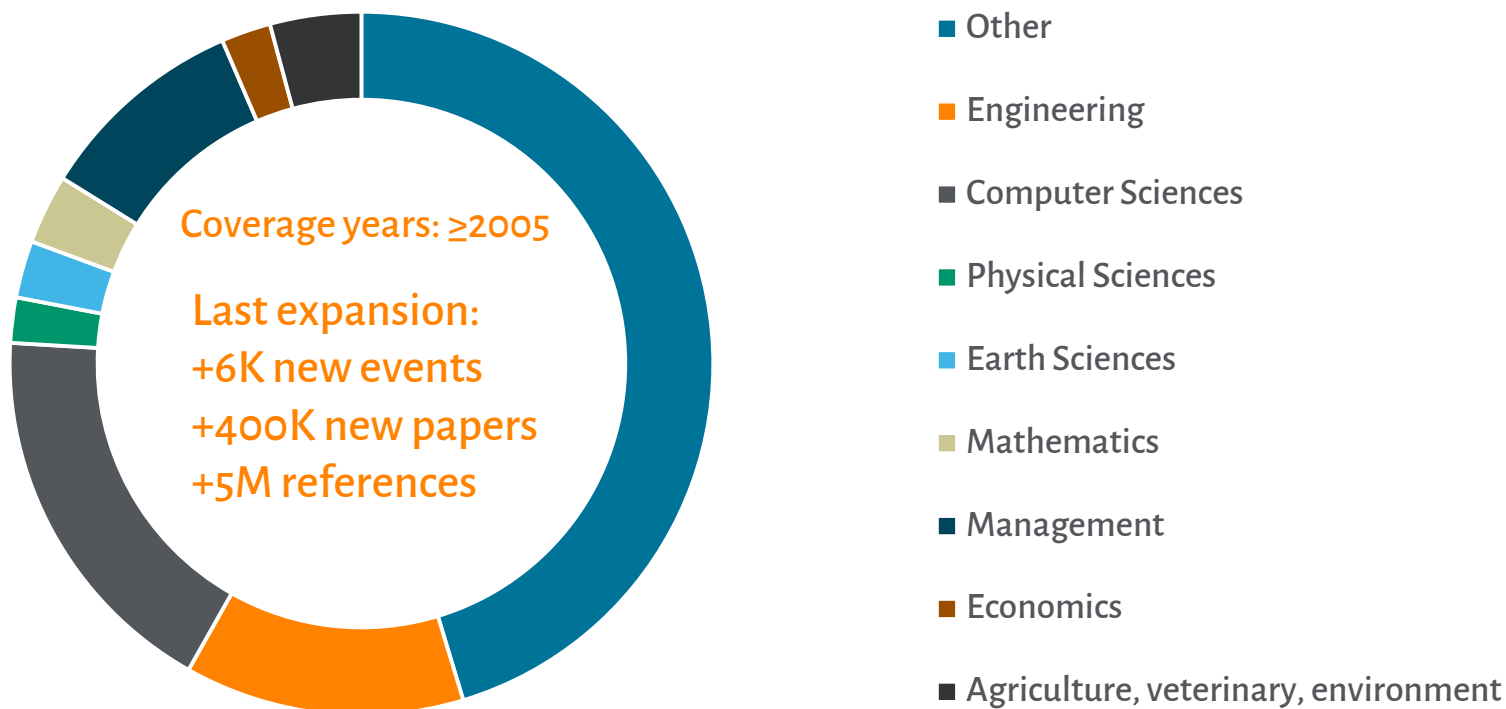


** Includes active titles. Titles may fall into more than one subject area*

Scopus content is constantly expanding

Expansion of conference proceedings

Breakdown of conference papers in Scopus



The new “Gold Standard”

Scopus is
recognized for
its excellence by

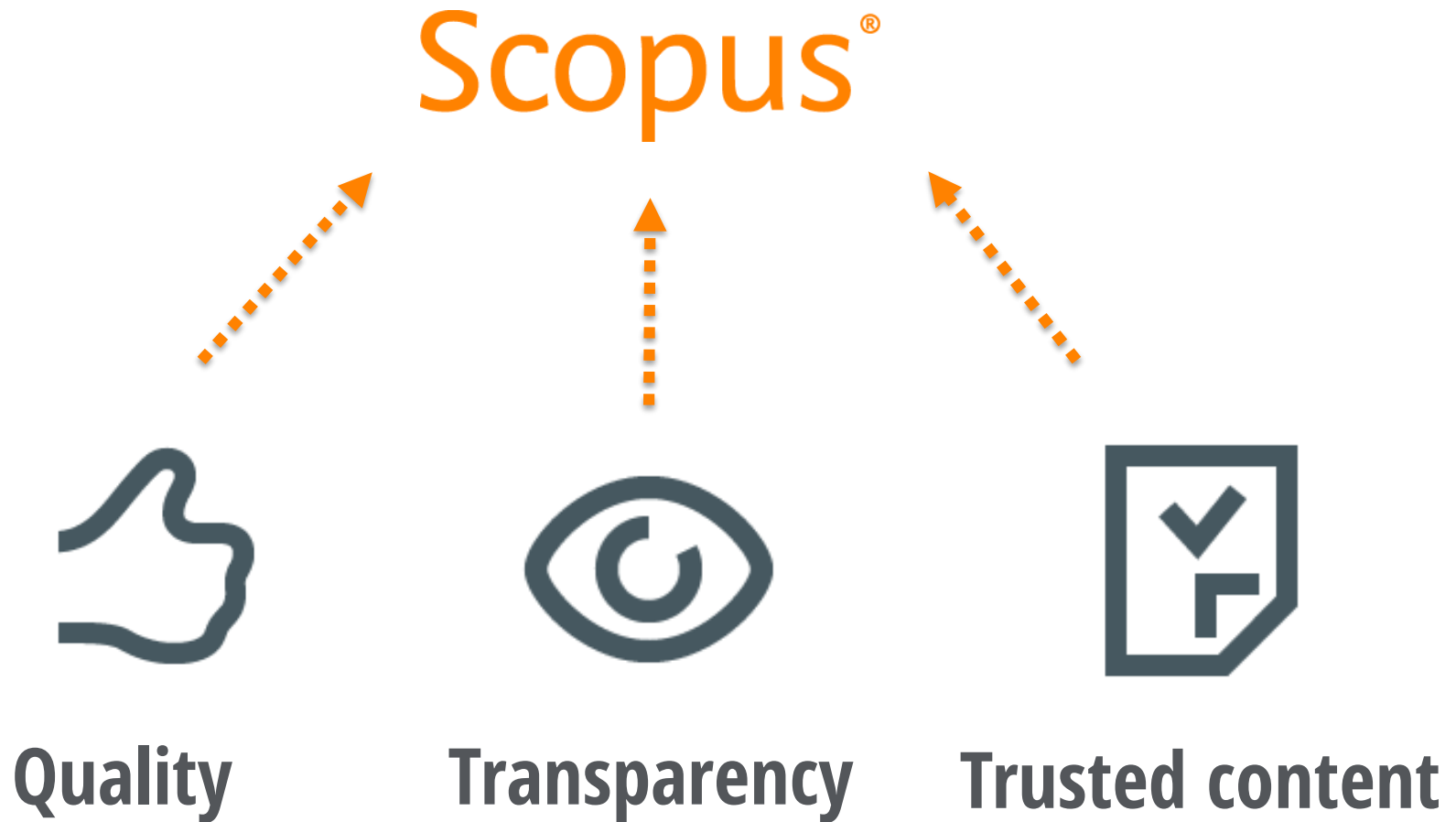
4,000
universities

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 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:

Minimal
Criteria

Peer-
review

English
abstracts

Regular
publication

Roman script
references

Publication
ethics statement

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

2

Continuous review process using an online Scopus Title Evaluation Platform (STEP):

<http://www.elsevier.com/online-tools/scopus/content-overview>

Questions:

titlesuggestion@scopus.com



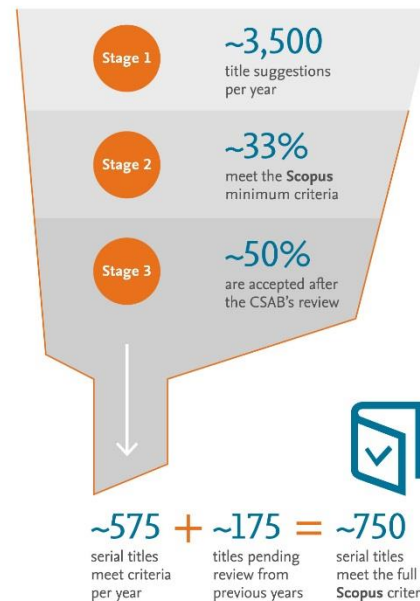
Referral of titles to be added to Scopus

- 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.

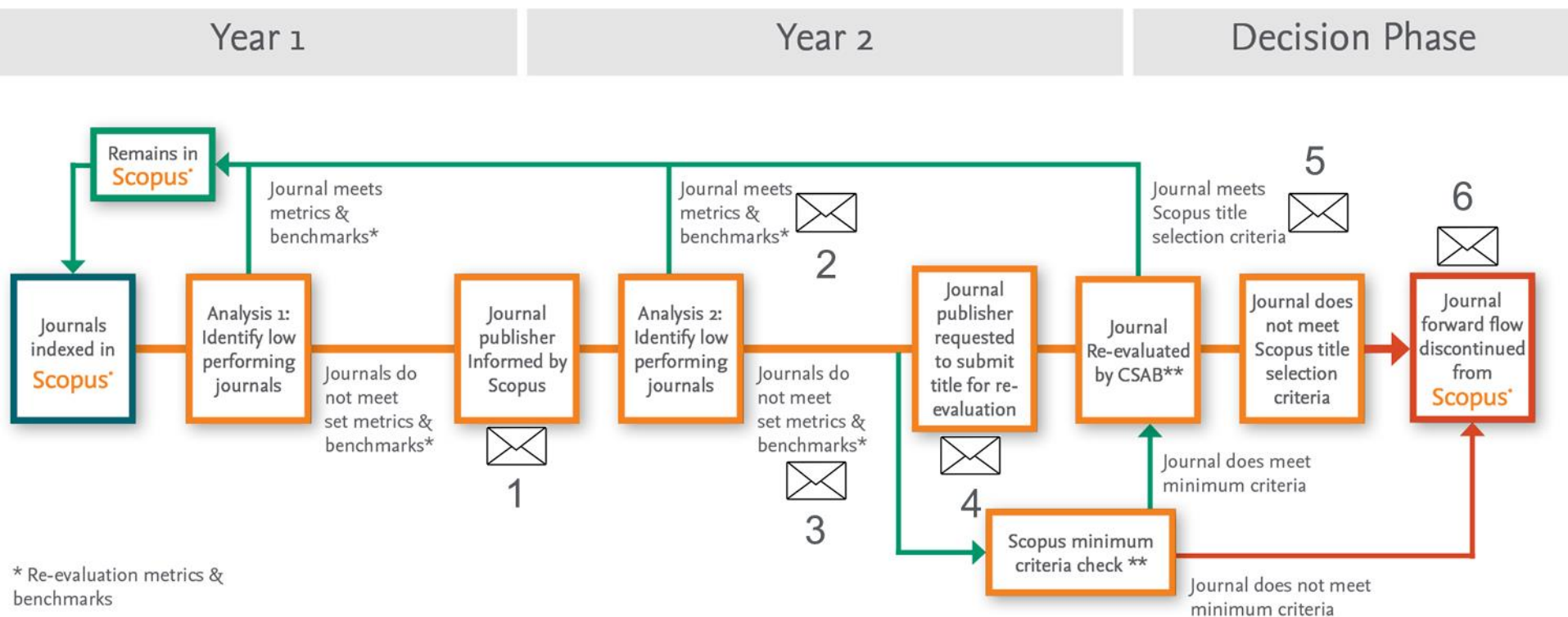
** 2016 as sample year*



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

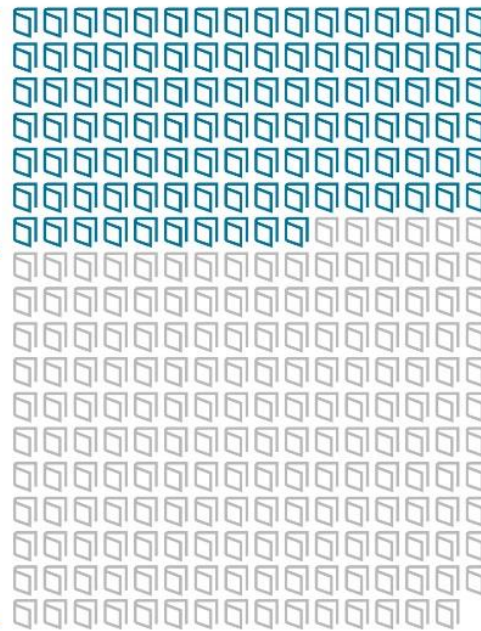
In the latest
reevaluation exercise,
303
under-performing
titles were
re-evaluated by the
Content Selection &
Advisory Board



106 (35%)
continue to meet
Scopus criteria
and coverage
will continue



197 (65%)
no longer meet
Scopus selection
criteria and
coverage going
forward will be
discontinued



A high-angle, close-up shot of a person's lower legs and feet. They are wearing black athletic pants and black and white Adidas sneakers with white soles. They are standing on a basketball court with a green surface and a red key area separated by a white line. A shadow of the person is cast onto the red court surface to the left. An orange semi-transparent rectangular box is overlaid across the middle of the image, containing white text.

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

A photograph of three people, two women and one man, sitting at a wooden table in a collaborative work environment. They are all looking at laptops. The man in the foreground is pointing at the screen of his laptop. There are white coffee cups on the table. The background is slightly blurred, showing more of the workspace.

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?

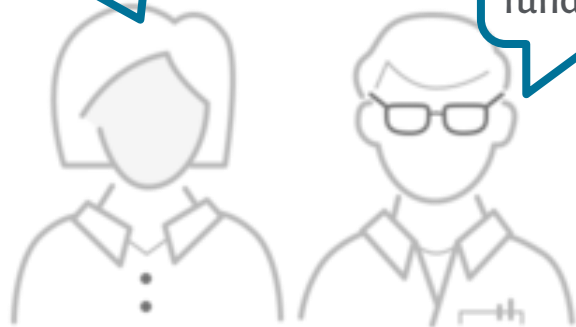
How do I find funding?

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?

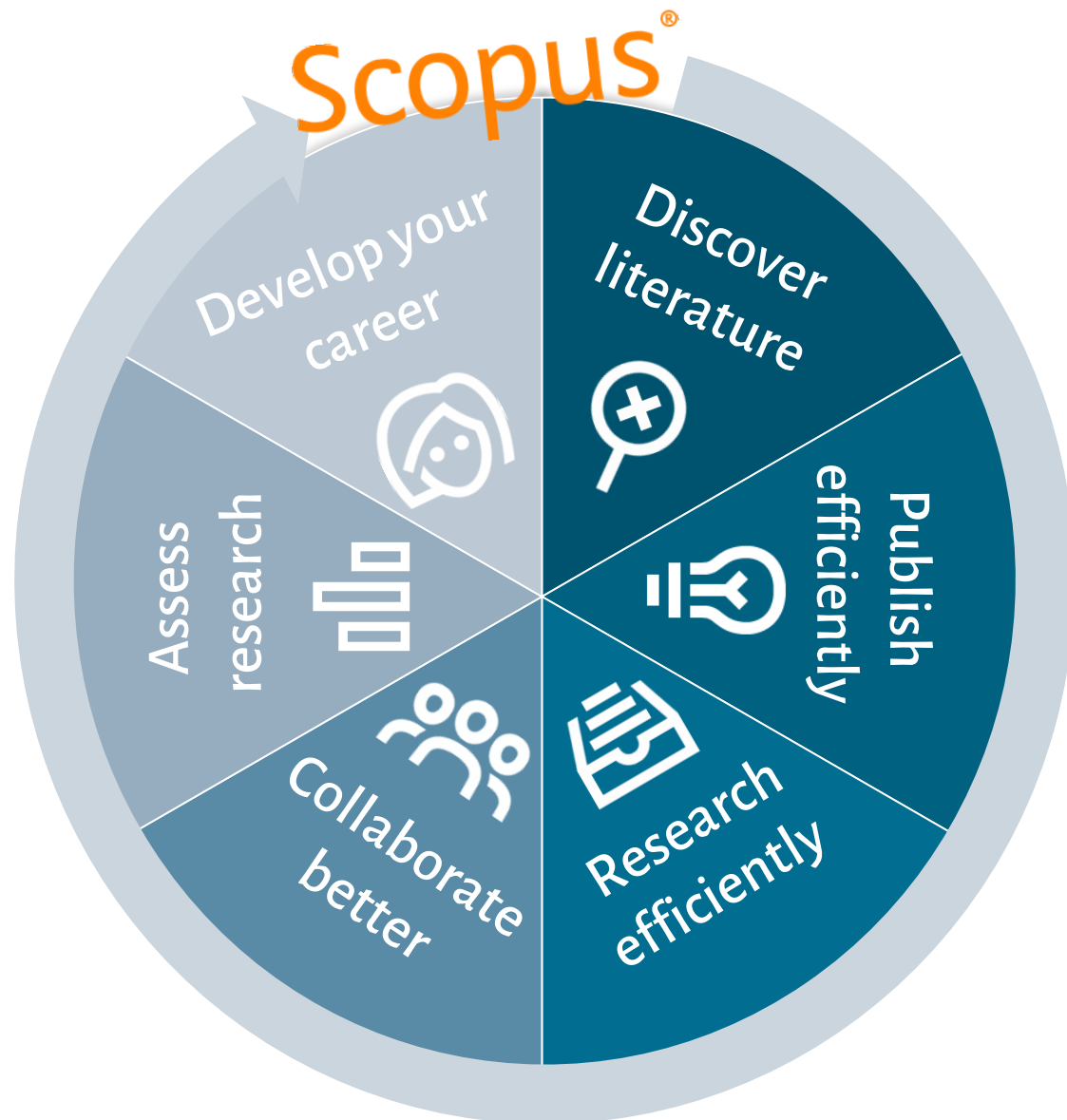








Researcher (PhD & Post-Doc)



Sr Researcher/ Professor

At researcher level: Scopus supports throughout the entire research workflow

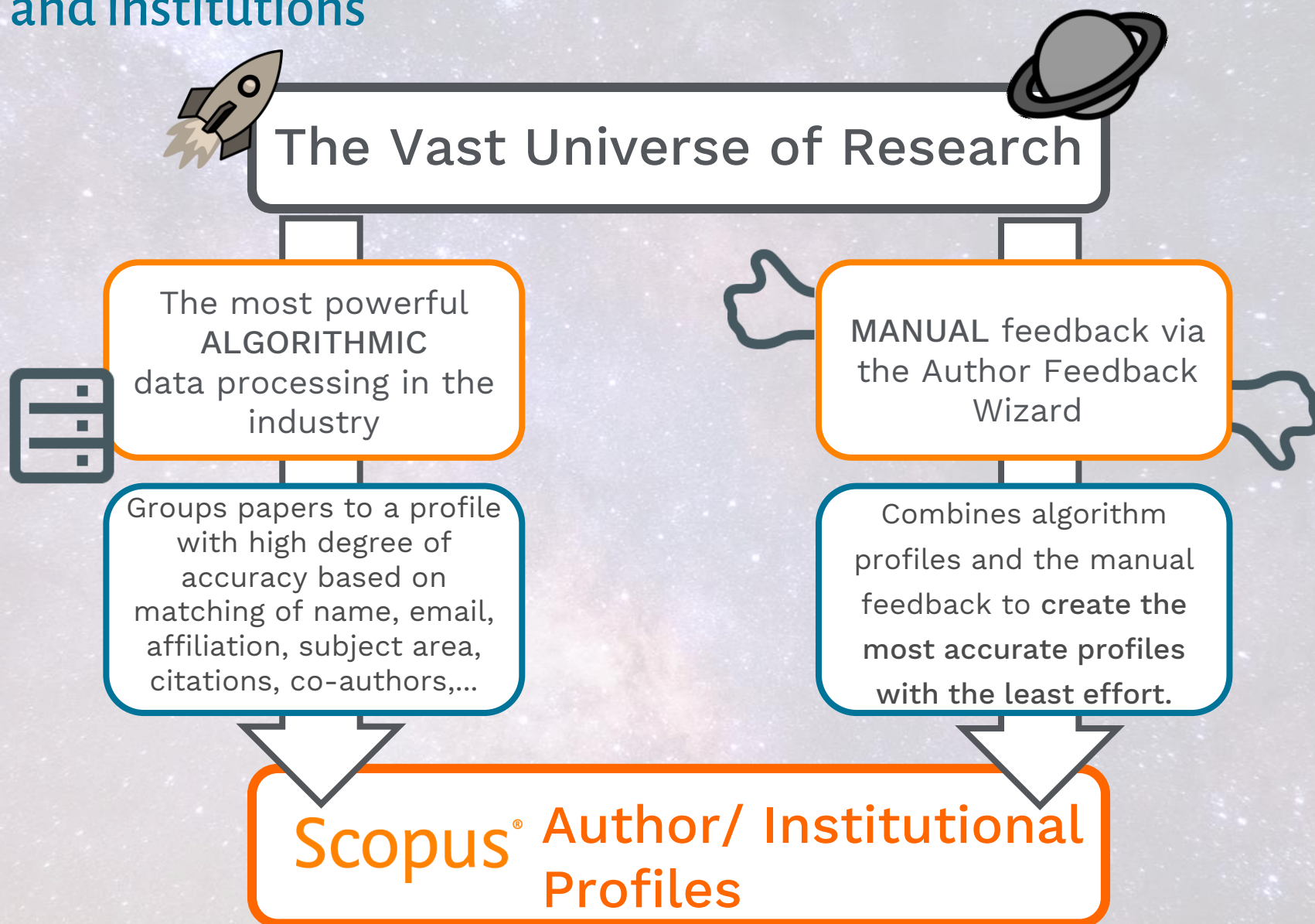


-  Find out what already exists in the global world of research
-  Determine how to differentiate research topics, find ideas
-  Identify and analyze which journals to read / submit to
-  Decide what, where and with whom to collaborate
-  Track impact of research; monitor global research trends
-  Help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

A hand is holding a square corkboard with a grey frame. The corkboard is blank and has a light brown, textured surface. The background is a blurred green foliage, suggesting an outdoor setting. An orange semi-transparent banner is overlaid across the middle of the image, containing white text.

Promote your research through
author/ institutional profiles

Scopus creates automated profiles for researchers/ authors and institutions

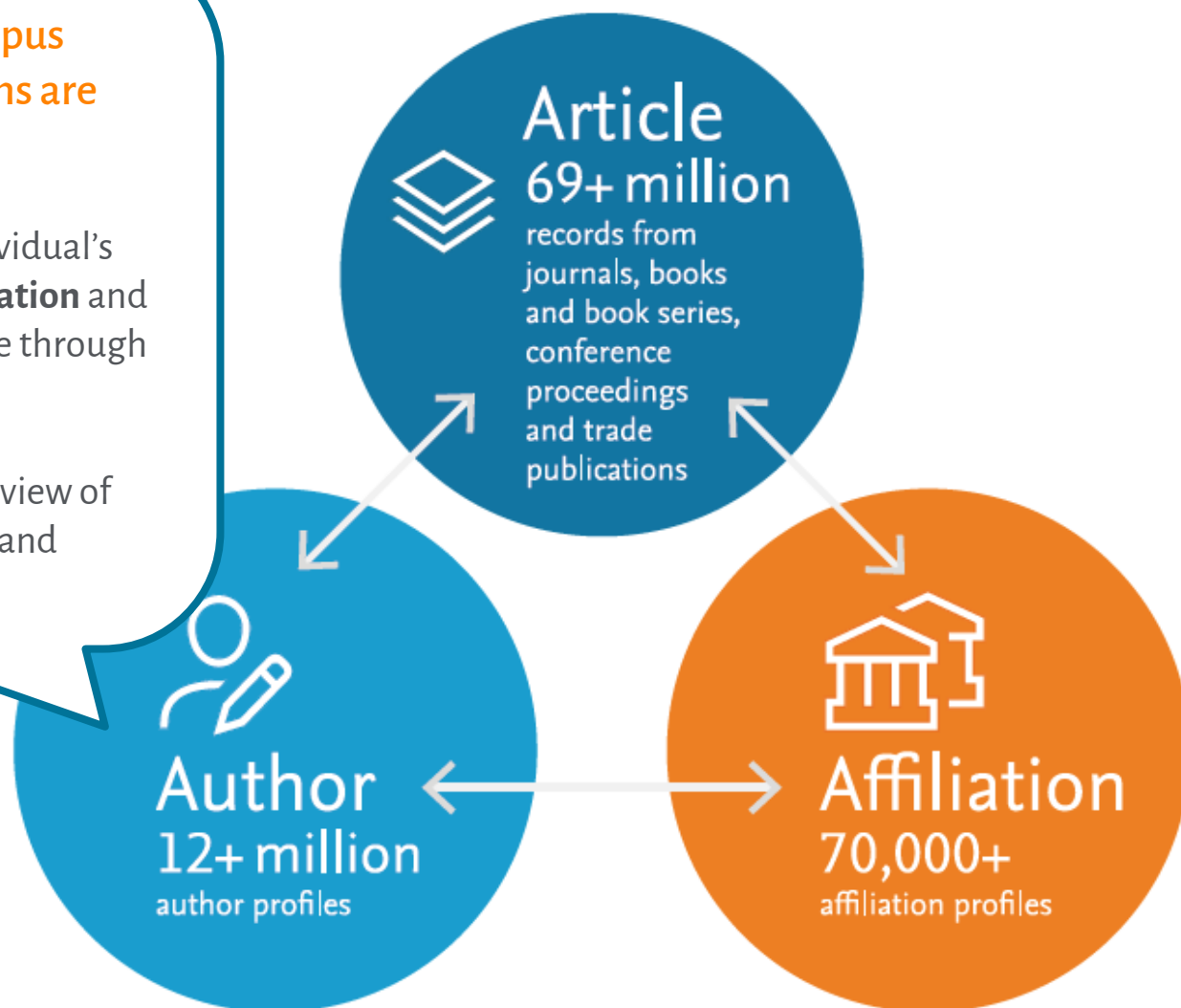


First source for Profiles

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**.



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

[Follow this Author](#)[View potential author matches](#)**h-index:** ⓘ

13

[View h-graph](#)

Documents by author

30

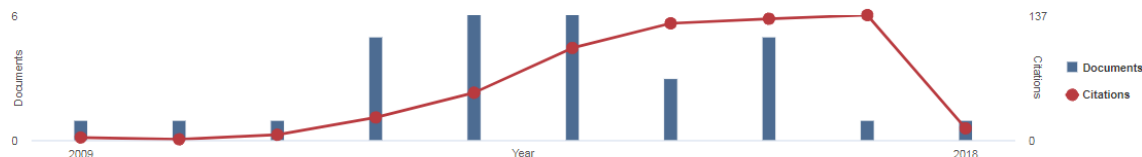
[Analyze author output](#)

Total citations

599 by 496 documents

[View citation overview](#)<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:

[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 >](#)Sort on: [Cited by \(highest\)](#)[Export all to BibTeX file](#) [Save all to list](#) [Set document](#)

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](#)

Example of a Scopus Author Profile

Author details

[About Scopus Author Identifier](#)[Return to search results](#) 1 of 1[Print](#) [Email](#)**Ding, Guochun**[Follow this Author](#)[h-index](#)

13

[View h-graph](#)[View potential author matches](#)

Documents by author

30

[Analyze author output](#)

Total citations

[View citation overview](#)

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

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:

Documents

6

0

2009

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30 Documents Cited by 496 documents 118 co-authors

[View in search results format](#)[Export all to BibTeX file](#) [Save all to list](#) [Set document alert](#) [Set document alert](#)

Document title

PhyloChip hybridization uncovered an enormous bacterial diversity in the rhizosphere

[View abstract](#) [Full Text](#) [View at Publisher](#) [Related documents](#)**ORCID**Connecting Research
and Researchers[EDIT YOUR RECORD](#)[ABOUT ORCID](#)[CONTACT US](#)[HELP](#)4,335,567 ORCID IDs and counting. [See more...](#)**guo-chun ding****ORCID ID**<https://orcid.org/0000-0001-6702-3782>[Print view](#)**Other IDs**

Scopus Author ID: 36571571100

ResearcherID: A-6821-2012

Works (12 of 12)[Sort](#)

Rhizocompetence and antagonistic activity towards genetically diverse *Ralstonia solanacearum* strains - an improved strategy for selecting biocontrol agents

Applied Microbiology and Biotechnology

2013 | journal-article

DOI: 10.1007/s00253-012-4021-4

Source: ResearcherID

[Preferred source](#)

Metal oxides, clay minerals and charcoal determine the composition of microbial communities in matured artificial soils and their response to phenanthrene

Fems Microbiology Ecology

2013 | journal-article

DOI: 10.1111/1574-6941.12058

ISSN: 0168-6496

Source: ResearcherID

[Preferred source \(of 2\)](#)[Cited by](#)

79

Example of a Scopus Author Profile

Author details

< Return to search results 1 of 1

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

Subject area: Immunology and Microbiology

Document and citation trends:

6

Set search alert

A Search Alert is a saved search that you can schedule to run at certain intervals. If any new results are found you will receive an e-mail with a

Search terms AU-ID ("Ding, Guochun" 36571571100)

Name of alert Ding, Guochun

Email address(es) e.podgorsek@elsevier.com

Separate multiple email addresses by a semicolon, comma, space or enter:

Frequency Every week on Friday

Status ☒ Active ☐ Inactive

(* = Required fields)

Cancel Save

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Print Email

h-index 13

View h-graph

Documents by author

30

Analyze author output

by 496 documents

View citation overview

Analyze author output

Analyze author output

Export Print Email

Ding, Guochun

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

Documents (30)

h-index (13)

Citations (599)

Co-authors (118)

by source

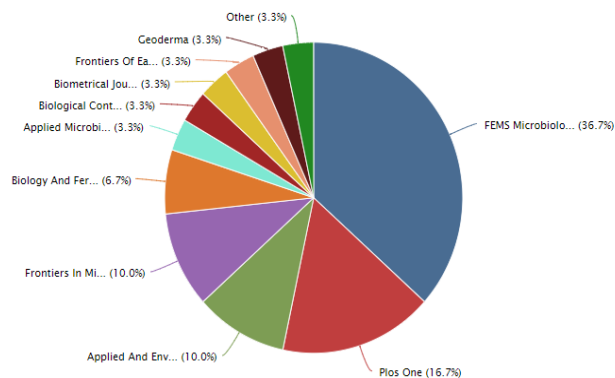
by type

by year

by subject area

Source	Documents
FEMS Microbiology Ecology	11
Plos One	5
Applied And Environmental Microbi...	3
Frontiers In Microbiology	3
Biology And Fertility Of Soils	2
Applied Microbiology And Biotechn...	1
Biological Control	1
Biometrical Journal	1
Frontiers Of Earth Science	1
Geoderma	1
Journal Of Hazardous Materials	1
Total	30




Documents by source






Sort by: Cited by (highest)

Source Cited by
FEMS Microbiology Ecology 79
5(3), pp. 497-506

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 😊!

ELSEVIER

Scopus: Profile and content corrections Support Center

Support Center > Scopus: Profile and content corrections Support Center > Author Profile Correction > How do I correct my author profile?

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

All Topics



Search



Add Missing Document

Affiliation Profile Correction

Author Profile Correction

Document Correction

Citation Correction

How do I correct my author profile?

Last updated on 16/11/2017 12:38 PM

What would you like to correct in your author profile?

- | | |
|---|---|
| <ul style="list-style-type: none">• Add / remove articles in my profile• Set a preferred name• Merge duplicate profiles | <ul style="list-style-type: none">• The spelling of my name• My affiliation is incorrect / out of date• Other author profile requests |
|---|---|

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

A photograph of three people—two women and one man—collaborating at a dark wooden table. They are all looking at laptops. The woman on the left is pointing at a laptop screen. The woman in the middle is holding a smartphone. The man on the right is looking at his laptop. There are three white disposable coffee cups on the table. An orange semi-transparent banner with white text is overlaid on the left side of the image.

Finding researchers
to collaborate with

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

Ding, Guochun

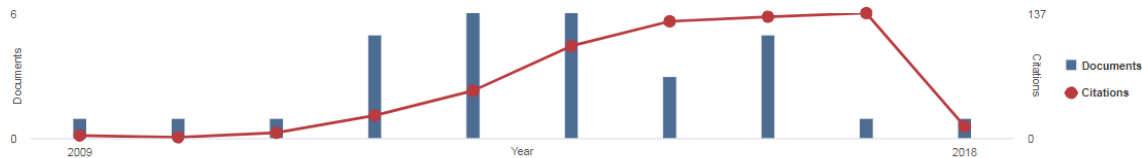
China Agricultural University, Beijing Key Laboratory of Farmland Soil Pollution Remediation, Beijing, China
Author ID: 36571571100



 <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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View potential author matches

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](#)

[Add to feed](#)

Document title

Authors

Year Source

Cited by

PhyloChip hybridization uncovered an enormous bacterial diversity in the rhizosphere of common and few cultivar-dependent taxa Weinert, N., Piceno, Y., Ding, G.-C., (...), Andersen, G., Smalla, ... 2011 FEMS Microbiology Ecology 79

View at: 30 Documents **Cited by 496 documents** 118 co-authors [Author history](#)

[View all in search results format >](#)

Sort on: [Date \(newest\)](#)

[Export all to BibTeX file](#)

Document title

Authors

Year Source

Cited by

Key microbial taxa	Oberholster, T., Vikram, S., Cowan, D., Valverde, A.	2018 Science of the Total Environment 624, pp. 530-539	0
View abstract 			
Biochar alters microbial community structure and function in a grassland soil	Cheng, Y., Zhu, L.	2018 Science of the Total Environment 622-623, pp. 1391-1399	0
View abstract 			
Mobile genetic elements in the rhizosphere of a grassland soil	Garbisu, C., Garaiurrebaso, O., Lanzén, A., (...), Grohmann, E., Alkorta, I.	2018 Science of the Total Environment 621, pp. 725-733	0
View abstract 			

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

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

Ding, Guochun

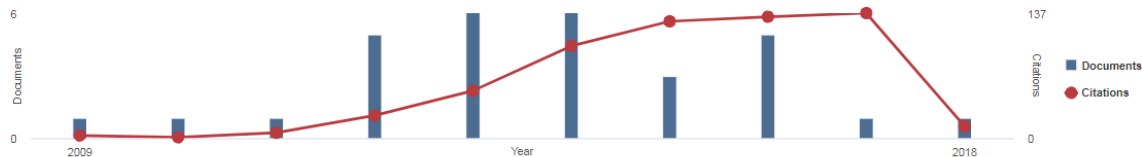
China Agricultural University, Beijing Key Laboratory of Farmland Soil Pollution Remediation, Beijing, China
Author ID: 36571571100





 <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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[h-index: 13](#)

[View h-graph](#)

[Documents by author](#)

30

[Analyze author output](#)

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[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 alert](#)

Document title

PhyloChip hybridization uncovered an enormous bacterial diversity in the rhizosphere of

[View abstract](#) [Full Text](#) [View at Publisher](#) [Related documents](#)

[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

[Cited by \(highest\)](#)

Cited by

Microbiology Ecology
497-506

79



Finding relevant
journals & content

Literature Search:

A librarian's handout to introduce

es

KEYWORDS, OPERATORS & FILTERS

Not just for librarians: download this useful resource [here!](#)



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.



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

[Return to search results](#) 1 of 1

Ding, Guochun

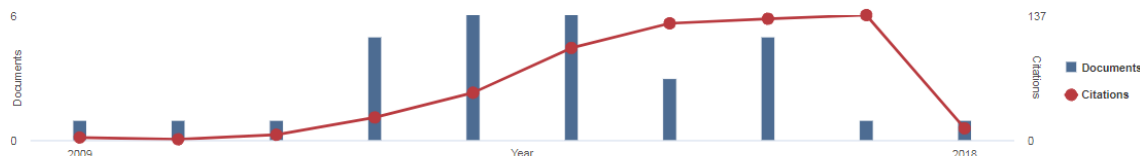
China Agricultural University, Beijing Key Laboratory of Farmland Soil Pollution Remediation, Beijing, China
Author ID: 36571571100

 <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:

[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 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](#)

Follow this Author

View potential author matches

h-index: 13

[View h-graph](#)

Documents by author

30

[Analyze author output](#)

Total citations

599 by 496 documents

[View citation overview](#)

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

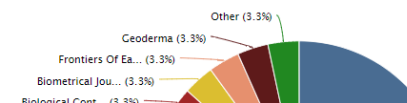
11

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

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

< Return to search results 1 of 1

Ding, Guochun

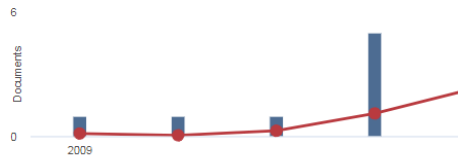
China Agricultural University, Beijing Key Laboratory of Farmland Soil Pollution Remediation, Beijing, China
Author ID: 36571571100




 <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

Document and citation trends:



 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 diversity in many environments

View abstract >

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

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

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

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

Scopus

Document search

Start searching for OA publications directly from the Document Search

Alerts Lists Help ▾ SciVal ↗

Documents Authors Affiliations Advanced

Search
protein binding

E.g., "Cognitive architectures" AND robots

× Article title, Abstract, Keywords

Limit

Date range (inclusive)

☒ Published All years to Present

☐ Added to Scopus in the last 7 days

Document type

ALL

Access type

All

All

Open Access

Reset form

Search Q

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!

Scopus

1,357,135 document results

TITLE-ABS-KEY (protein AND binding)

Edit Save Set alert Set feed

Refine results

Limit to Exclude

Access type

Open Access

Other

Year

2018

2017

2016

87,796 document results

TITLE-ABS-KEY (protein AND binding) AND (LIMIT-TO (ACCESSTYPE(OA)))

Edit Save Set alert Set feed

Refine results

Limit to Exclude

Access type

Open Access

Year

2018

2017

View abstract Full Text View at Publisher Related documents

2 Electrophoretic transfer of proteins from polyacrylamide gels to nitrocellulose sheets: Procedure and some applications

View abstract Full Text View at Publisher

3 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

Analyze search results

All

BioTeX export

Download

View citation overview

View cited by

Save to list

Print

Email

Share

Document title

Authors

Year

Source

Cited by

1 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

2 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

Show all abstracts

Sort on: Cited by (highest)

▼

Document title

Authors

Year

Source

Cited by

1 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

2 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

3 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

4 Electrophoretic transfer of proteins from polyacrylamide gels to nitrocellulose sheets: Procedure and some applications

View abstract Full Text View at Publisher Related documents

5 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

6 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

7 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

8 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

9 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

10 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

11 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

12 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

13 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

14 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

15 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

16 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

17 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

18 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

19 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors
Open Access

View abstract Full Text View at Publisher Related documents

20 Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors
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[Full Text](#) [Copac](#) [View in EMBASE](#)

Cell
Volume 126, Issue 4, 25 August 2006

Induction of Pluripotent

Takahashi, K.^a, Yamanaka, S.^{a,b}

^aDepartment of Stem Cell Biology, In

^bCREST, Japan Science and Technolo

Abstract

Differentiated cells can be reprogrammed. Here, we demonstrate induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors. These cells, which we designated iPS cells, resulted in tumors containing a variety of cell types when injected into mice. The iPS cells were directly generated from fibroblasts.

Indexed keywords

ENTREE drug terms:

kruppel like factor 4 Myc protein octamer transcription factor 4 protein transcription factor Sox2 unclassified drug

ENTREE medical terms:

animal cell animal experiment animal tissue article blastocyst cell culture cell growth controlled study embryo embryo development female fibroblast culture

The screenshot shows the Scopus interface with a document list. A yellow box highlights the 'Download' button in the document actions bar. A yellow callout points to the 'Scopus Document Download Manager' overlay, which is a modal window that appears when clicking 'Download'. The overlay contains a message: 'The Scopus Document Download Manager requires an extension. We created a fast and lightweight solution for the Chrome browser. Click the button below to download the extension: Get extension'. Below the message is a list of documents. The first document is 'Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors(Article)(Open Access)' by Takahashi, K. and Yamanaka, S., published in Cell, 2006. The second document is 'Deep learning for outcome prediction of postanoxic' by Van Putten, M.J.A.M., published in IFMBE Proceedings, 2018. The overlay also has a 'Download' button at the bottom right.

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.

The screenshot displays the Scopus DataSearch interface. On the left, a sidebar shows the number of results (55,029) and options to filter by title, abstract, keywords, and data file types. The main search bar contains the query "ionic liquid" and shows 1532 results. The results are listed in a table with columns for Year, Source, and Cited by. The first result is a comparison of ionic liquids with alkanediols and alcohols, published in 2011. The second result is about the solubility of carbon dioxide in ionic liquids, published in 2013. A yellow callout box highlights the "View 1532 DataSearch" button.

DataSearch ^{Beta}

Search: "ionic liquid"

Filter Results 1532 results for "ionic liquid"

Data File Types

Data Source Types

☒ Data Repositories (1532)

Data Sources

Date

Comparison between Dicationic and Monocationic **ionic Liquids: Liquid Density, Thermal Properties, Surface Tension, and Shear Viscosity**

Shirota, H.[Hideaki], Mandai, T.[Toshihiko], Fukazawa, H.[Hiroki] & Kato, T.[Tatsuya] - 2011-06-10

ionic liquids with the anions of bis(trifluoromethylsulfonyl)amide, bis...**ionic liquids** were also compared with that of alkanediols and alkyl alcohols...**ionic liquids**, data of their corresponding monocationic **ionic liquids** ...**ionic liquids**. The data of the physical properties including liquid density...**ionic liquids** and alcohols....We...

TABULAR DATA

Solubility of Carbon Dioxide in Imidazolium-Based **ionic Liquids with a Methanesulfonate Anion**

Jung, Y.-H.[Yun-Ho], Jung, J.-Y.[Jun-Young], Jin, Y.-R.[Yu-Ran], Lee, B.-C.[Byung-Chul], Baek, I.-H.[Il-Hyun] & Kim, S.-H.[Sung-Hyun] - 2013-01-09

ionic liquid using a high-pressure equilibrium apparatus equipped with...**ionic liquids** with a methanesulfonate anion gave a lower CO₂ solubility...**ionic liquids**, the CO₂ solubility was elevated according to the increase...**ionic liquids** with a fluorinated substituent such a fluoroalkyl group ...**ionic liquids** with a...

TABULAR DATA

View 1532 DataSearch

Sort on: **Date (newest)**

Year	Source	Cited by
2018	Food Chemistry 244, pp. 190-196	0
2018	Microporous and Mesoporous Materials 259, pp. 229-237	0
2018	Ultrasonics Sonochemistry 41, pp. 143-155	0

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.

[Take a tour](#)

DataSearch

<https://datasearch.elsevier.com/>

Search for research data across domains and types, from many domain-specific, cross-domain and institutional data repositories.



Or Try: chip-seq drosophila, late quaternary sediment core or qubit oscillator frequency



Datasets and data types covered by DataSearch



Apollo

ICPSR



MENDELEY DATA



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...

Decision for
publication

Enrich your
online
presence

Important
for
promotions
& tenure

Important
for funding
applications

Important
for research
managers

DECIDE WHERE TO PUBLISH

CiteScore
SJR: SCImago Journal Rank
SNIP: Source Normalized
Impact per Paper
Journal Impact Factor

ADD TO ONLINE PROFILE

h-index
percentile benchmark
scholarly activity online
scholarly commentary online
social activity online
media mentions

ENRICH PROMOTION & TENURE PORTFOLIO

h-index
percentile benchmark
scholarly activity online
scholarly commentary online
citation count
media mentions

APPLY/REPORT TO FUNDERS¹

h-index
percentile benchmark
scholarly activity online
scholarly commentary online
citation count
media mentions
journal metrics (e.g., CiteScore)

BENCHMARK A COLLECTION OF RESEARCH OUTPUTS (for team leaders)

percentile benchmark
Field-Weighted Citation Impact
h-index (if in the same field)
Field-Weighted Download Impact²

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

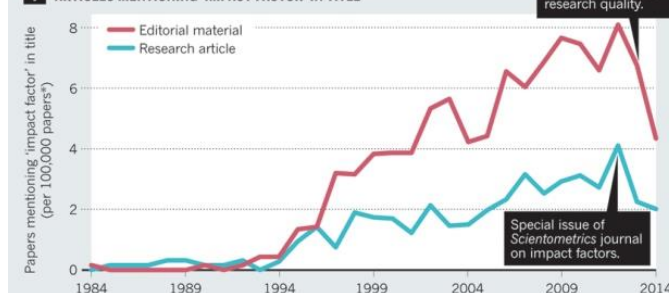
It's much more 
complex than that



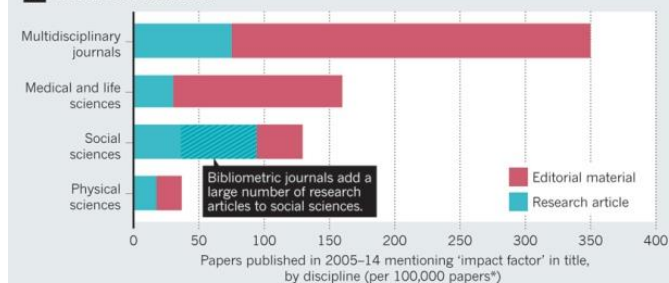
IMPACT-FACTOR OBSESSION

Soaring interest in one crude measure — the average citation counts of items published in a journal in the past two years — illustrates the crisis in research evaluation.

1 ARTICLES MENTIONING 'IMPACT FACTOR' IN TITLE



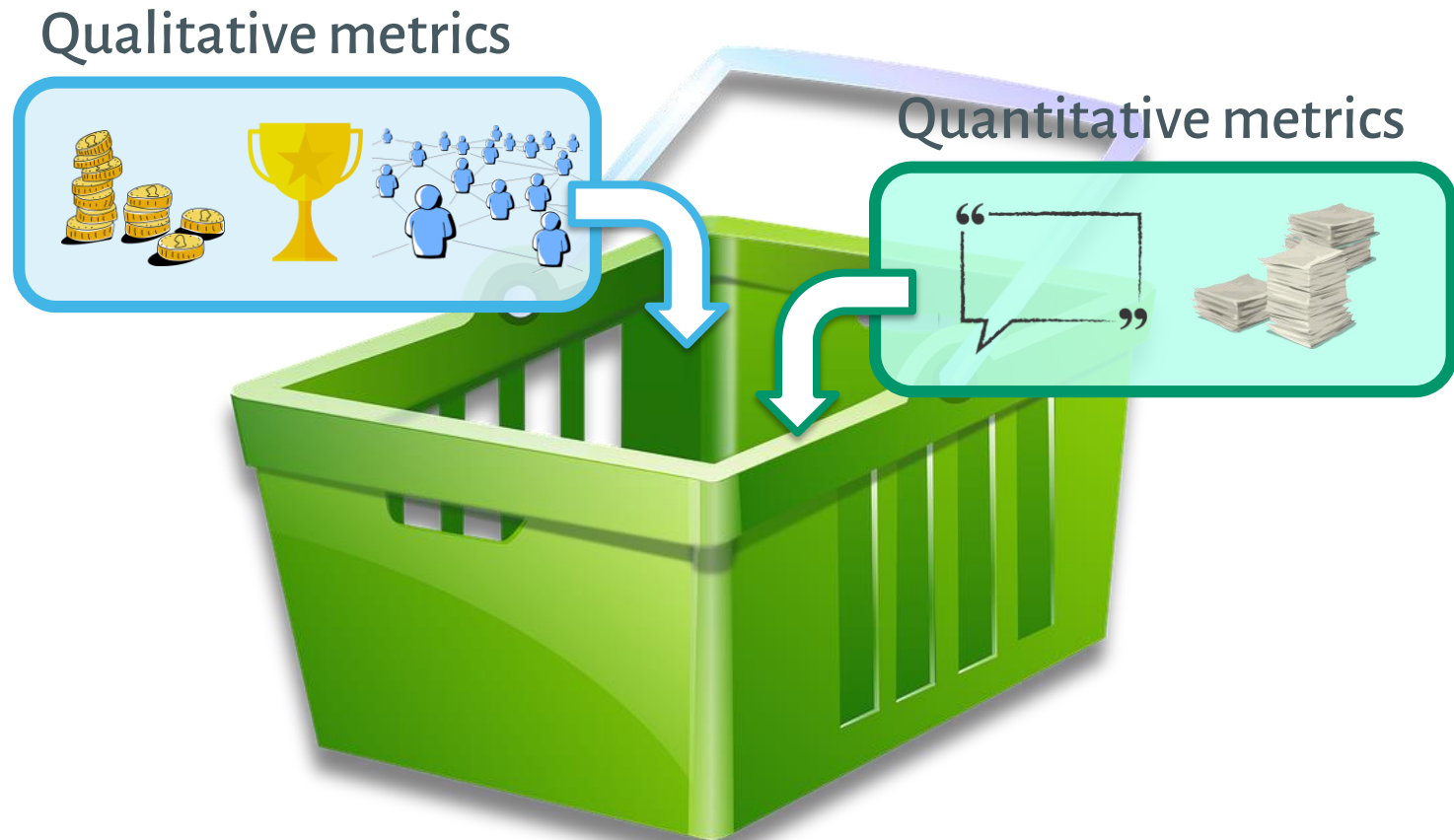
2 WHO IS MOST OBSESSED?



[†]Indexed in the Web of Science; [†]DORA, San Francisco Declaration on Research Assessment.

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

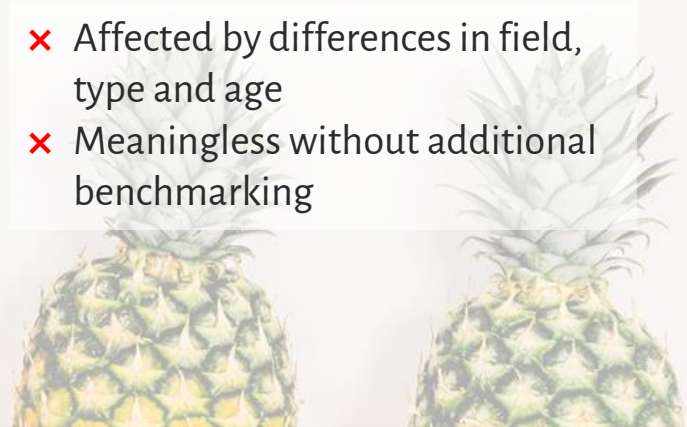
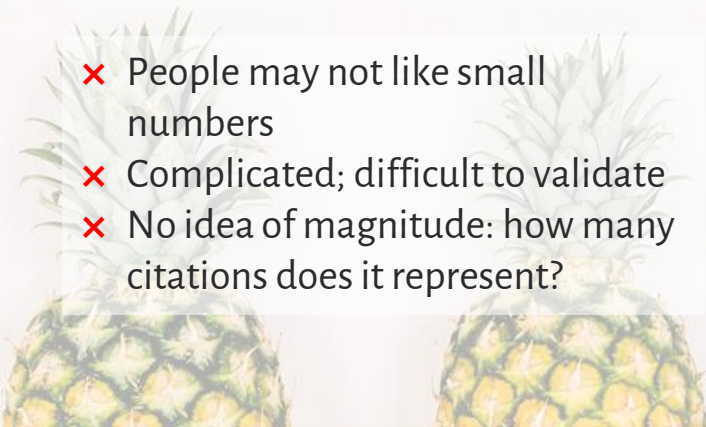
Article Citation Count

= 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

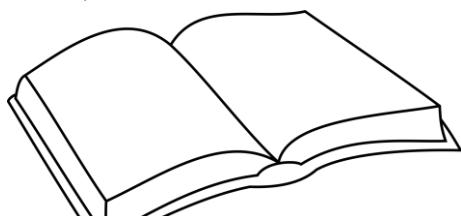


Altmetrics are another way to assess the attention publications receive and usually used complementary to bibliometrics. Altmetrics focus on online activity to reveal how research is being shared and discussed both within the academic community and beyond.

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



CITATION COUNT

of citations accrued since publication

FIELD-WEIGHTED CITATION IMPACT (FWCI)

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

On article level



DOCUMENT COUNT

of items published by an individual
or group of individuals

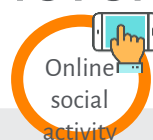


h-INDEX

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



Author metrics



Online
social
activity



Scholarly
comments
online



Scholarly
activity
online

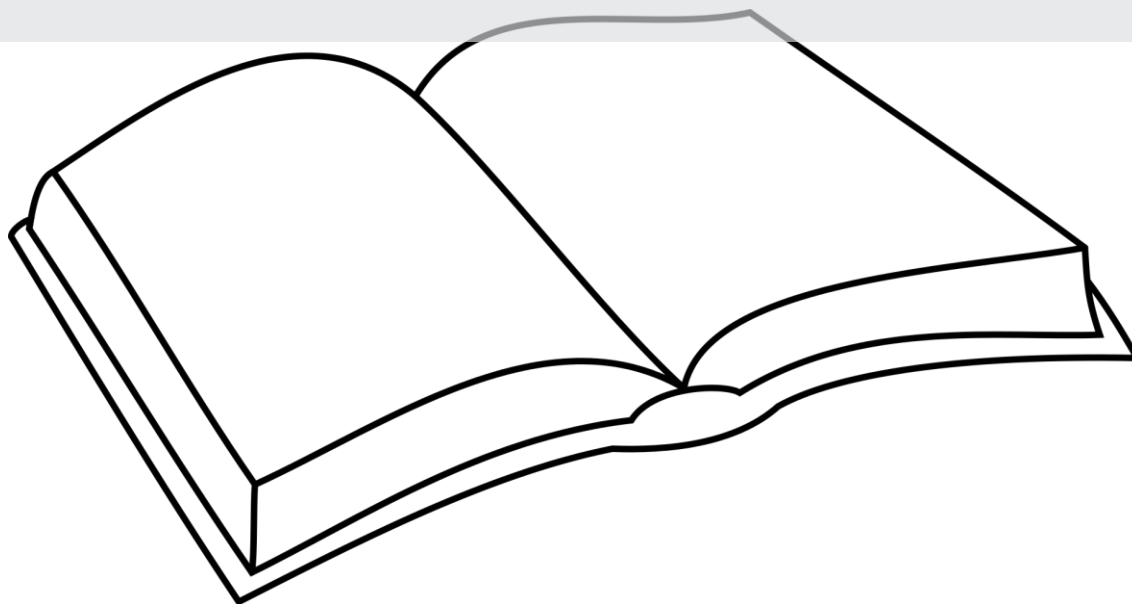
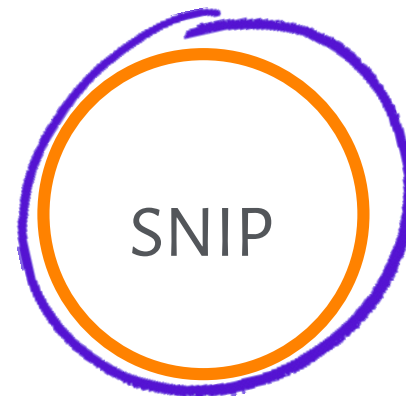
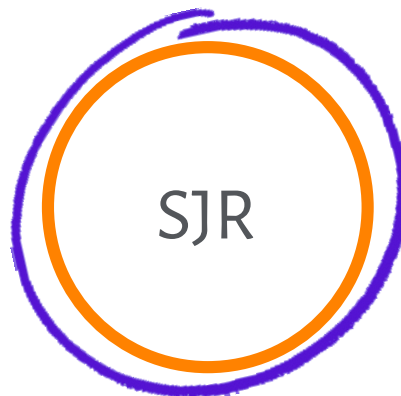
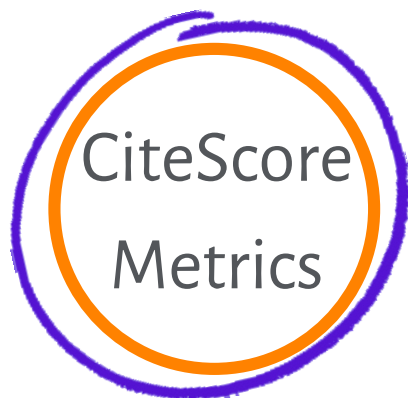


Media
mentions

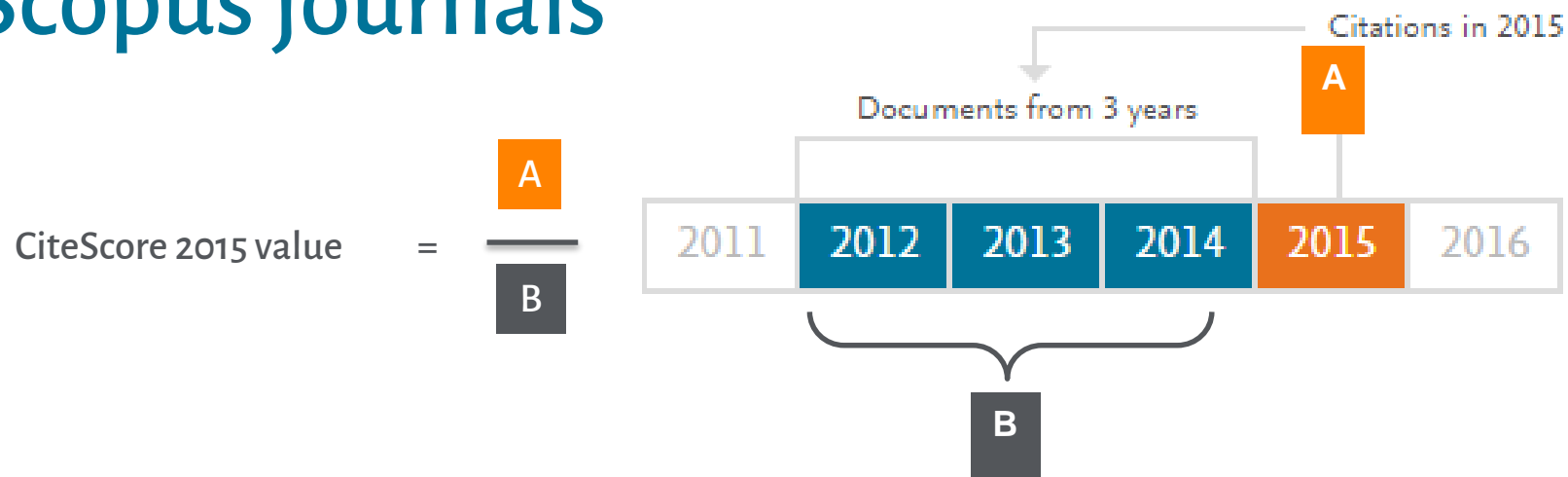
Alternative metrics

take into account other options of dissemination

Journal-level metrics in Scopus



CiteScore is a simple metric for all Scopus journals



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

Scopus Search Sources Alerts Lists Help [Register](#) Sign in

Source details [Feedback](#) [Compare sources](#)

Journal of Biomedical Science
[Open Access](#)
 Scopus coverage years: from 1993 to Present
 Library subscription: from January 2009 to December 2099
 Publisher: BioMed Central
 ISSN: 1021-7770 E-ISSN: 1423-0127
 Subject area: Medicine: Biochemistry (medical)

[Set document alert](#) [Journal Homepage](#) [Webcat Plus](#) [Copac](#) [More](#)

Visit Scopus Journal Metrics

CiteScore 2015
3.07

SJR 2015
1.632

SNIP 2015
1.560

CiteScore CiteScore rank & trend Scopus content coverage

CiteScore 2015

3.07 = $\frac{\text{Citation Count 2015}}{\text{*Documents 2012-2014}}$ = $\frac{913 \text{ citations}}{297 \text{ documents}}$

* CiteScore includes all available document types [View CiteScore methodology](#)

Calculated on 03 June, 2016

CiteScore rank

In category: Biochemistry (medical)

Percentile: 84th Rank: #9/56 [View CiteScore trends](#)

CiteScore Tracker 2016 Last updated on 29 September, 2016
Updates monthly

1.76 = $\frac{\text{Citation Count 2016}}{\text{Documents 2013-2015}}$ = $\frac{581 \text{ citations to date}}{330 \text{ documents to date}}$

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

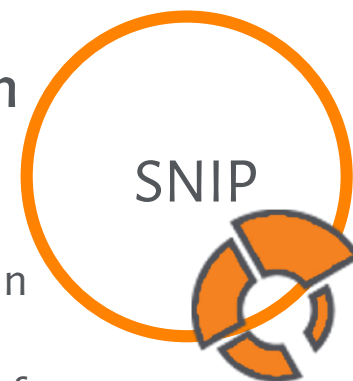


Scimago Journal Rank

- ✦ 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...

Analyze search results

Analyze search results

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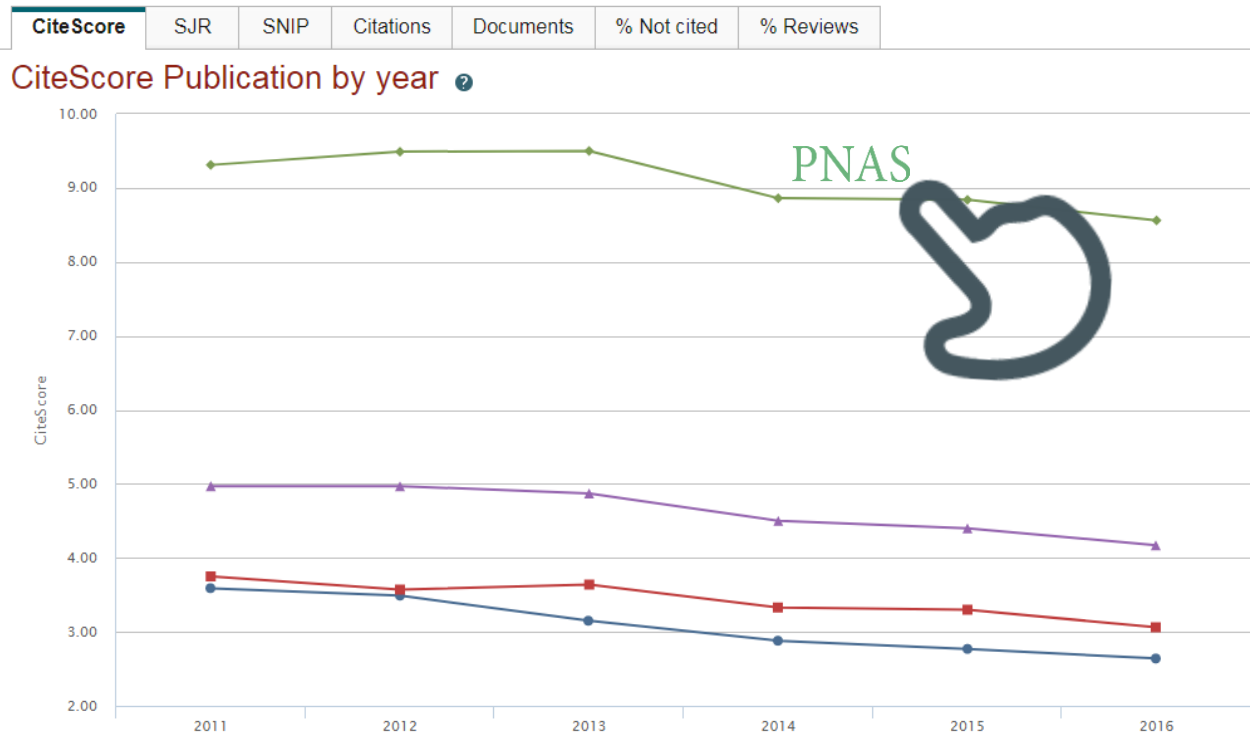
AU-ID ("Schwille, Petra" 7101790762) AND SUBJAREA ("BIOC") AND (PUBYEAR AFT 1969 AND PUBYEAR BEF 2018) [Back to your search results](#)

167 document results Choose date range to analyze: 1996 to 2016 [Analyze](#)



Year **Source** Author Affiliation Country/Territory Document type Subject area

Source	Documents
<input checked="" type="checkbox"/> Biophysical Journal	40
<input checked="" type="checkbox"/> Journal Of Biological Chemistry	9
<input checked="" type="checkbox"/> Proceedings Of The National Ac...	9
<input checked="" type="checkbox"/> Biochimica Et Biophysica Acta ...	6
<input checked="" type="checkbox"/> Chembiochem	5
<input type="checkbox"/> Methods In Molecular Biology	5
<input type="checkbox"/> FEBS Letters	4
<input type="checkbox"/> Nucleic Acids Research	4
<input type="checkbox"/> Elife	3
<input type="checkbox"/> Journal Of Cell Biology	3
<input type="checkbox"/> Methods	3
<input type="checkbox"/> Nature Methods	3
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<input type="checkbox"/> Biological Chemistry	2



Looking at journal level metrics in Scopus...

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Proceedings of the National Academy of Sciences of the United States of America

Scopus coverage years: from 1945 to 1951, from 1961 to Present

ISSN: 0027-8424 E-ISSN: 1091-6490

Subject area: Multidisciplinary

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CiteScore 2016

8.56



SJR 2016

6.321



SNIP 2016

2.629



[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

CiteScore 2016



$$8.56 = \frac{\text{Citation Count 2016}}{\text{Documents 2013 - 2015}^*} = \frac{110,280 \text{ Citations} >}{12,884 \text{ Documents} >}$$

*CiteScore includes all available document types

CiteScore is transparent

View the data behind CiteScore by clicking on the numerator (citations) or denominator (documents)



on 23 May, 2017

CiteScore rank

In category: Multidisciplinary

Percentile: 96th

Rank: #3/77 >

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CiteScoreTracker 2017


$$3.76 = \frac{\text{Citation Count 2017}}{\text{Documents 2014 - 2016}} = \frac{45,606 \text{ Citations to date} >}{12,123 \text{ Documents to date} >}$$

Last updated on 06 July, 2017
Updated monthly

Metrics displaying this icon are compiled according to Snowball Metrics [>](#), a collaboration between industry and academia.

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CiteScore 2016 values are here!

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

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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

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2016





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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 <i>Hematology</i>	89.23	99%	1/117	11,957	134	72%	67.564	39.285
2	Chemical Reviews <i>General Chemistry</i>	42.79	99%	1/354	33,976	794	97%	10.369	19.282
3	Chemical Society Reviews <i>General Chemistry</i>	35.70	99%	2/354	43,909	1,230	98%	7.676	14.994
4	Reviews of Modern Physics <i>General Physics and Astronomy</i>	35.68	99%	1/198	4,389	123	99%	18.377	23.543



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Research outputs are becoming more and more diverse.

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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**.

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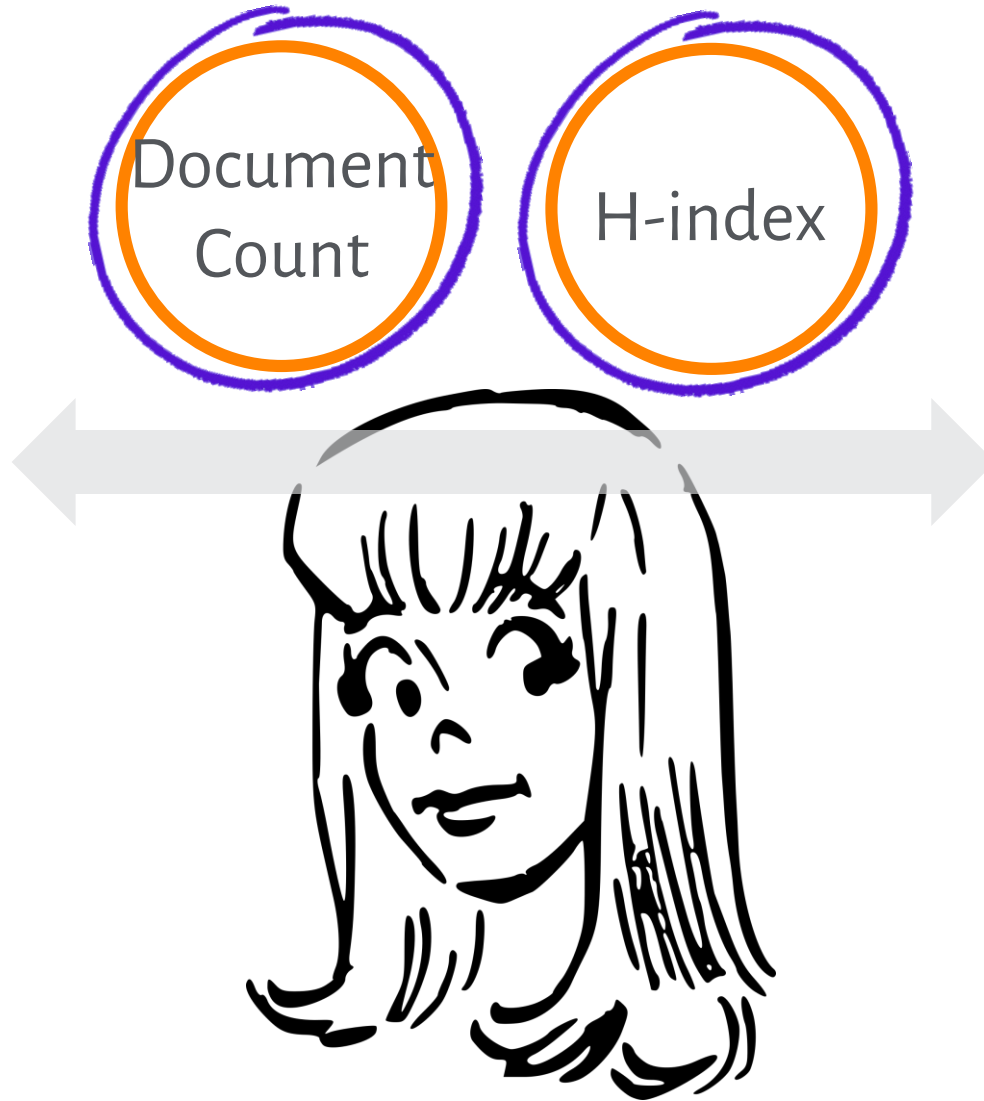


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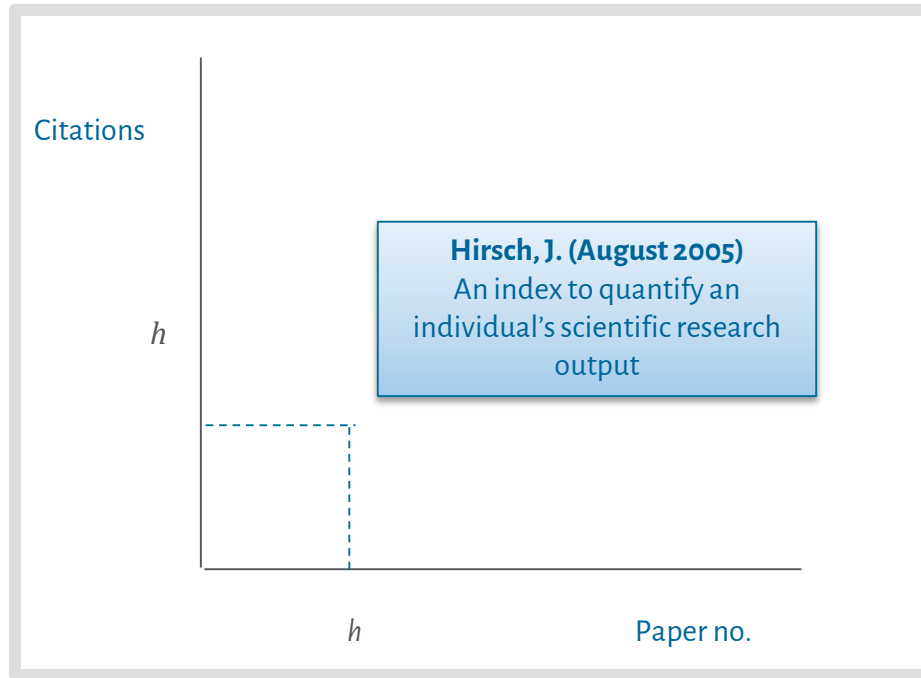


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Author metrics in Scopus



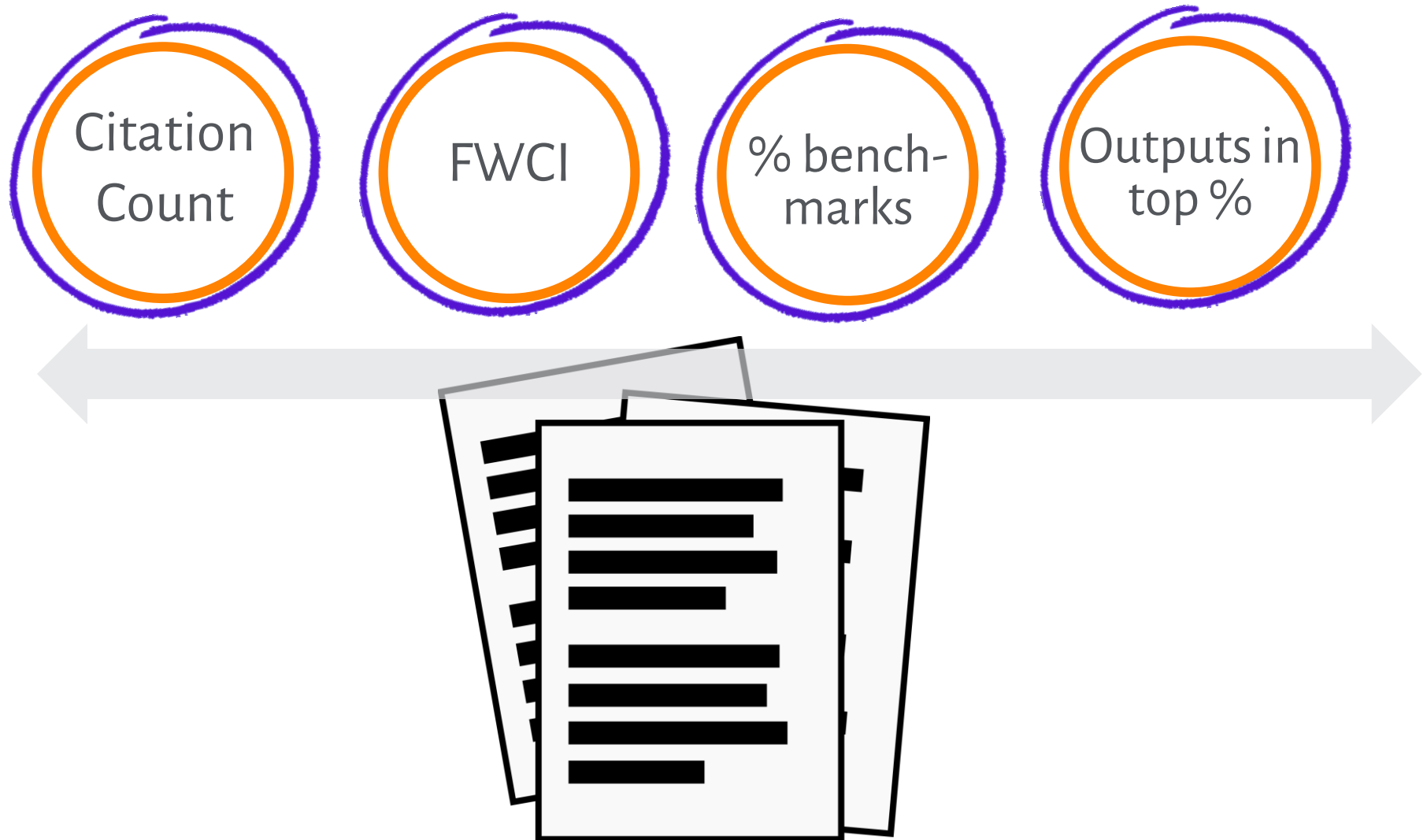
The H-Index: available on your Scopus author profile



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



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>

Librarian Quick Reference Cards for Research Impact Metrics

Find a printable version of larger cards at <https://open.elsevier.com>

Metrics illuminate the impact of research outputs. When meeting with students, researchers, deans or department heads, the metrics — found on Elsevier products or via other sources — on these quick reference cards can help you to:



DOCUMENT | AUTHOR | JOURNAL

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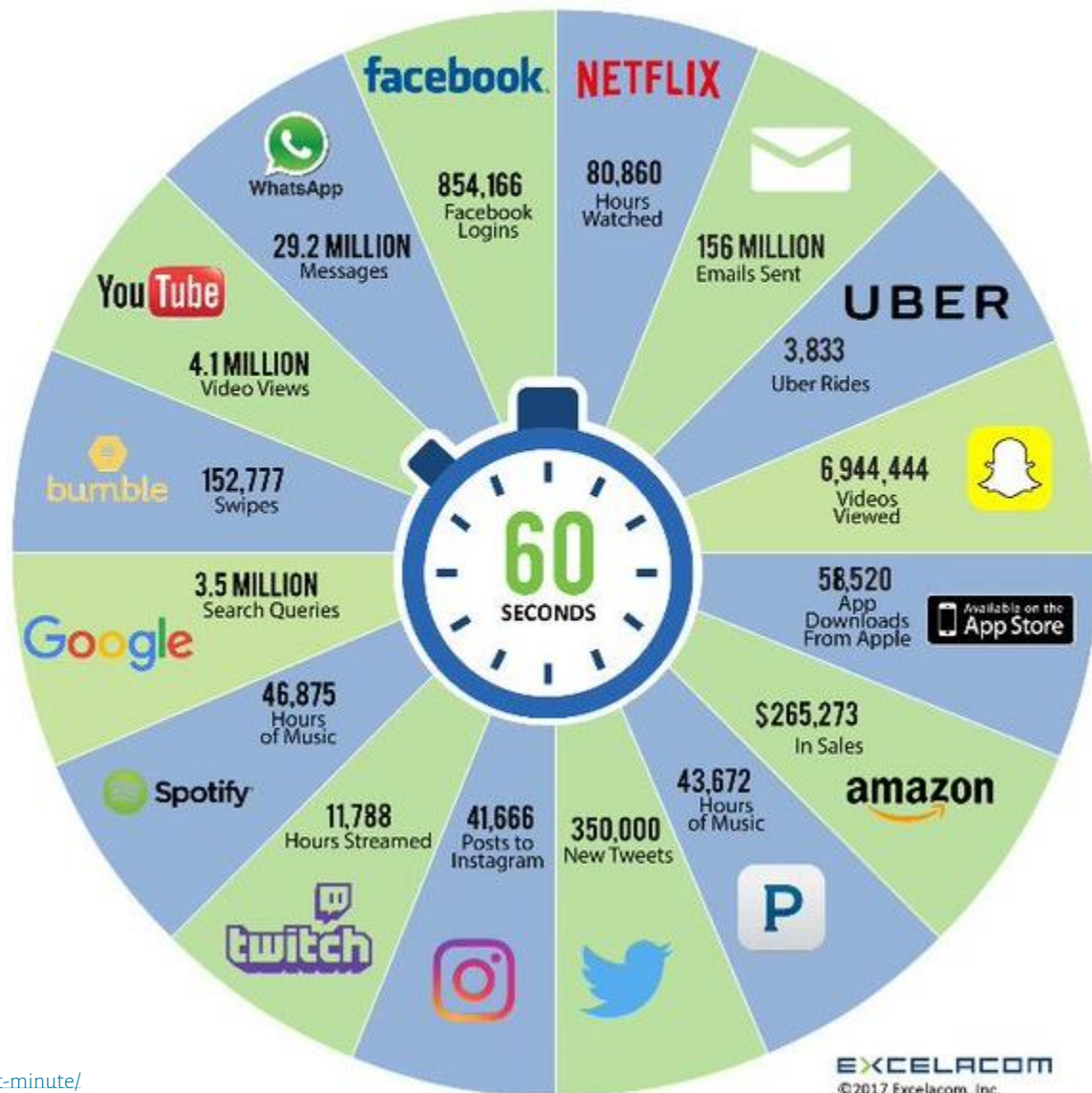


Alternative metrics

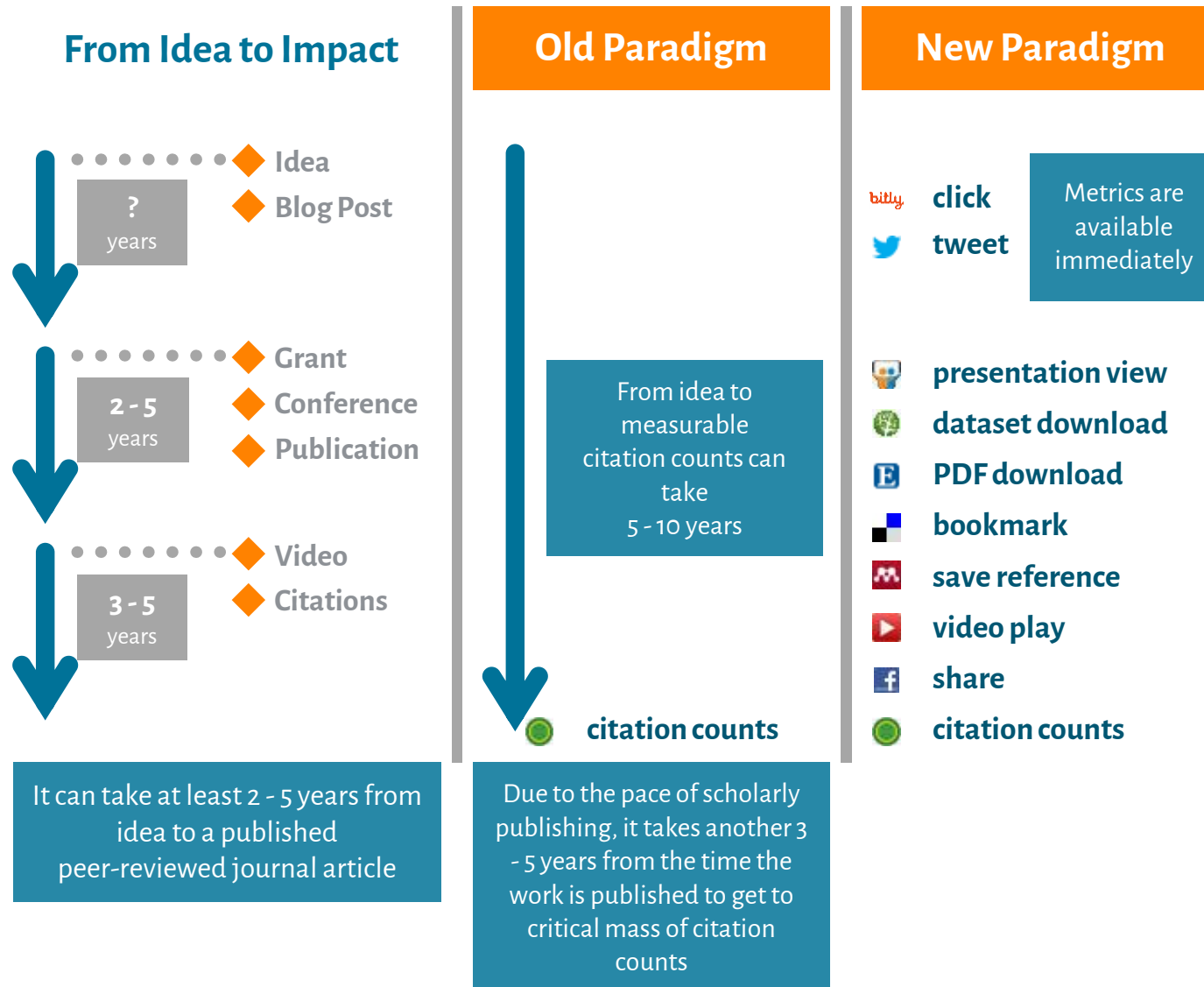
Why do we need alternative metrics?

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

2017 What happens in an INTERNET MINUTE?



The metrics timeline has changed:



Advantages and Limitations of altmetrics

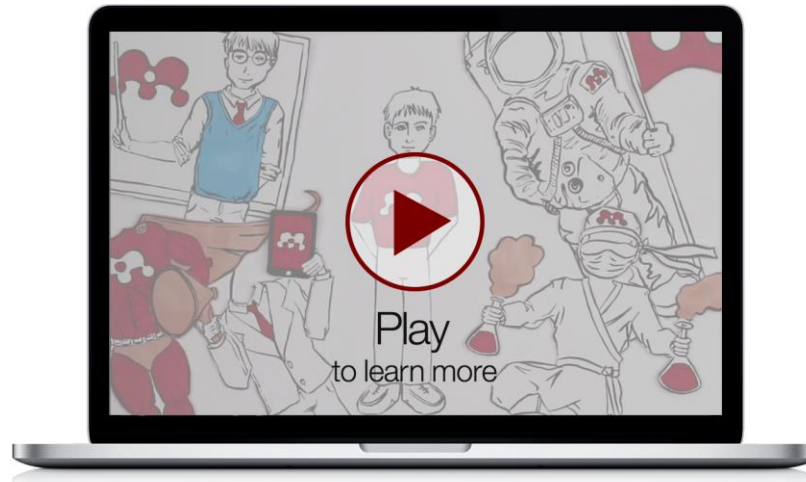
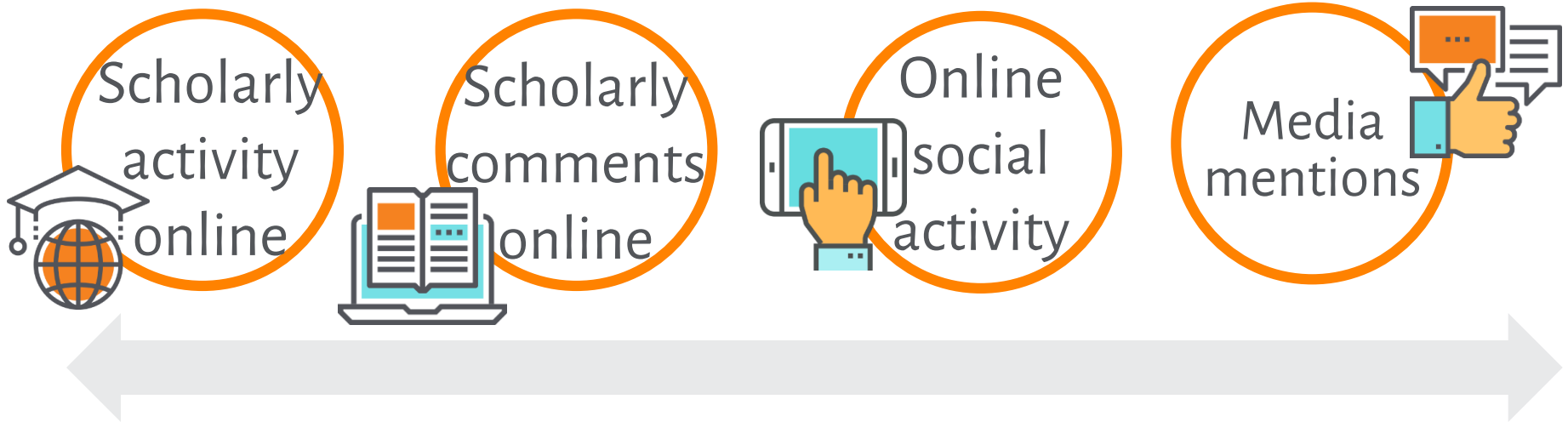
Advantages

- ✓ 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

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

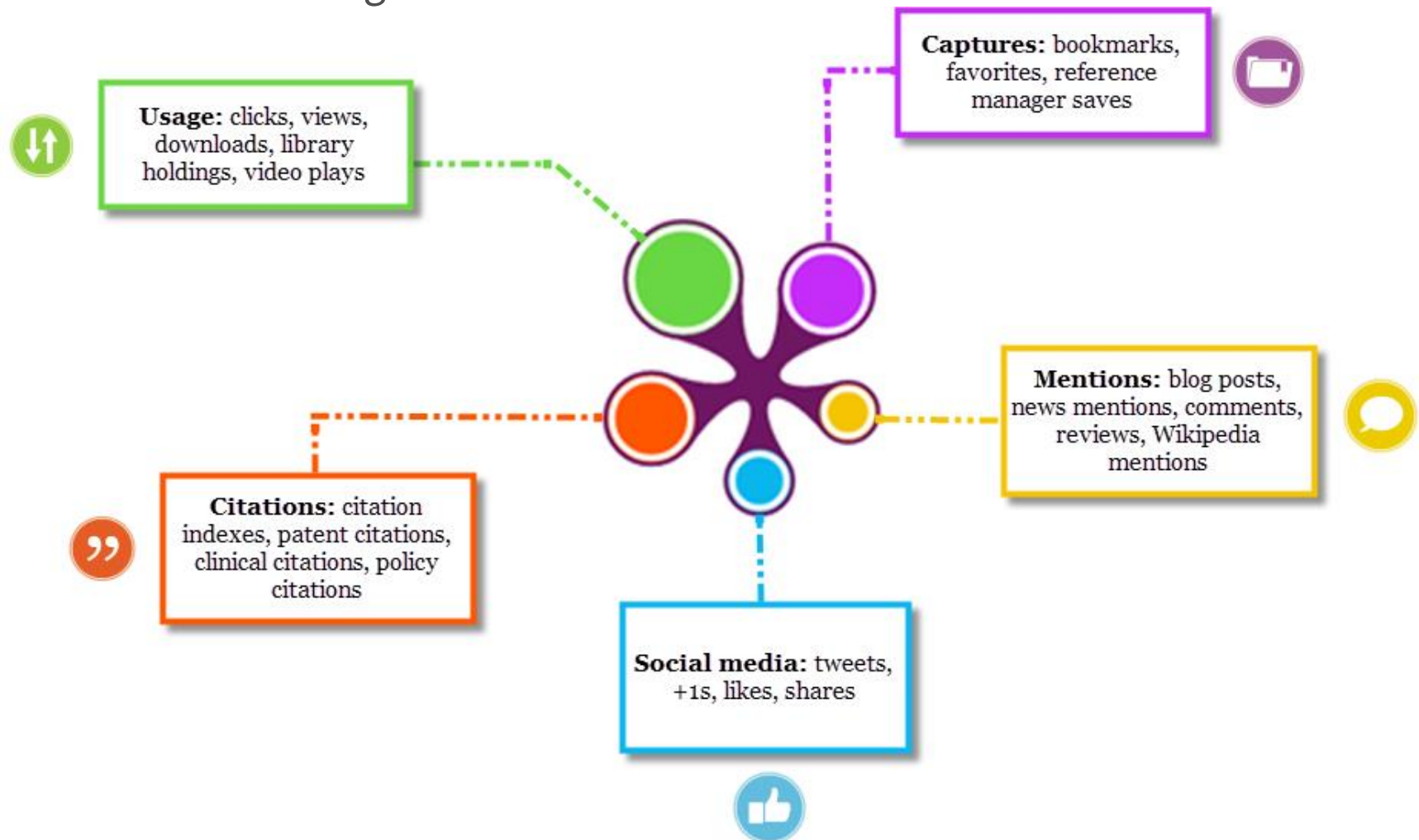
Alternative metrics: a general overview



Alternative Metrics in Scopus: PlumX

Tracking impact – beyond citation metrics

The PlumX categories:



Article-level metrics & Alternative metrics in Scopus

Document details

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The Lancet Diabetes and Endocrinology

Volume 5, Issue 2, 1 February 2017, Pages 97-105

PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study (Article) (Open Access)

Schmidt, A.F.^a, Swerdlow, D.L.^a, Holmes, M.V.^a, Patel, R.S.^a, Fairhurst-Hunter, Z.^m, Lyall, D.M.^o, Hartwig, F.P.^f, Horta, B.L.^f, Hyppönen, E.^g, Power, C.^h, Moldovan, M.^{tw}, van In 't Hooft, G.K.^z, Demuth, I.^{abac}, Norman, K.^{ab}, Steinhagen-Thiessen, E.^{ab}, Demuth, J.^{ad}, Bertram, L.^{ae}, Liu, T.^{afg}, Coassin, S.^{ah}, Willeit, J.^{aj}, Kiechl, S.^{aj}, Willeit, K.^{ai}, Mason, D.^{aj}, Wrin

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^aInstitute of Cardiovascular Science, University College London, United Kingdom

^bDepartment of Primary Care & Population Health, University College London, United Kingdom

^cDepartment of Epidemiology and Public Health, UCL Institute of Epidemiology and Health Care, University College London, United Kingdom

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Abstract

Background Statin treatment and variants in the gene encoding HMG-CoA reductase are associated with reductions in both the concentration of LDL cholesterol and the risk of type 2 diabetes, but also with modest increases in bodyweight, and modestly increased risk of type 2 diabetes, which in no way offsets their substantial benefits. We sought to evaluate the effects of PCSK9 inhibitors on diabetes risk. Methods In this mendelian randomisation study, we used genetic variants associated with LDL cholesterol to estimate associations of PCSK9 genetic variants with LDL cholesterol, fasting blood glucose, HbA1c, and risk of type 2 diabetes, using

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.

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Metrics

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39 Citations in Scopus
99th Percentile
39.47 Field-Weighted Citation Impact

PlumX Metrics
Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 39 documents

Proprotein Convertase Subtilisin-Kexin type-9 (PCSK9) and triglyceride-rich lipoprotein metabolism: Facts and gaps

Baragetti, A., Grejtakova, D., Casula, M. (2018) *Pharmacological Research*

Using Human 'Experiments of Nature' to Predict Drug Safety Issues: An Example with PCSK9 Inhibitors

Jerome, R.N., Pulley, J.M., Roden, D.M. (2018) *Drug Safety*

The Influence of Big (Clinical) Data and Genomics on Precision Medicine and Drug Development

Denny, J.C., Van Driest, S.L., Wei, W.-Q. (2018) *Clinical Pharmacology and Therapeutics*

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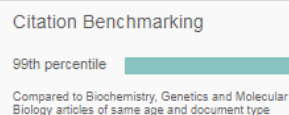
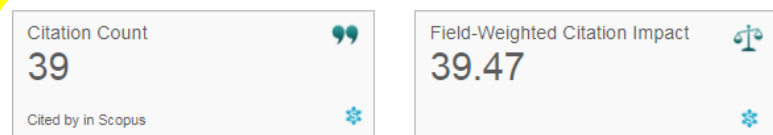
View references (41)

Article-level metrics & Alternative metrics in Scopus

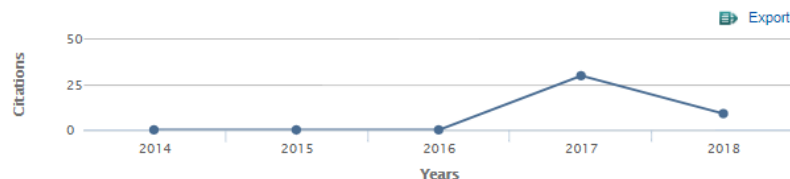
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PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study [Back to article](#)
(2017) The Lancet Diabetes and Endocrinology, 5(2), pp. 97-105

Scopus Metrics



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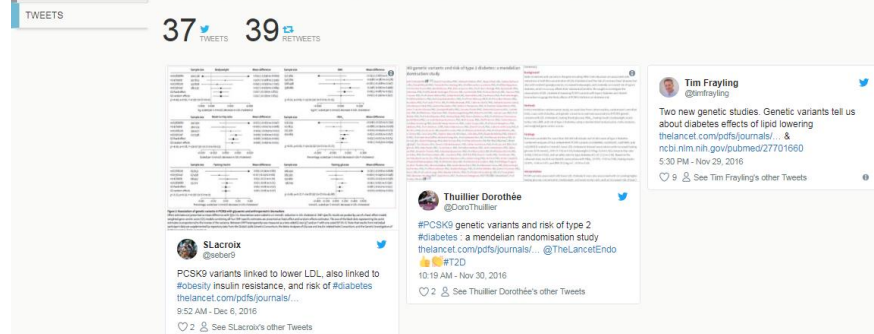
Benchmarking

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

Citation metrics and benchmarking on article-level

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PlumX Metrics

[see details](#)

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EBSCO - Link-outs: 6

Captures

EBSCO - Exports-Saves: 4
Mendeley - Readers: 40
Mendeley - Readers: 40
Mendeley - Readers: 18
Mendeley - Readers: 2

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