

WELCOME! WEBINAR STARTS AT 4:00 PM



IIT Delhi
Indian Institute of Technology Delhi



ELSEVIER

Speaker



Mr. Vishal Gupta
Customer Consultant
South Asia, Elsevier

“Mr. Vishal Gupta has a Bachelor’s degree in Industrial Microbiology and Masters in Biotechnology. Mr. Gupta has 12 years of work experience in domains of biotechnology, publishing and data analytics. Currently he is working with Elsevier as Customer consultant-South Asia where he is responsible for supporting Scopus/ScienceDirect/Mendeley users in India, Pakistan and Bangladesh. His major responsibilities include: Engaging with ministries and Key consortiums. Vishal is a certified presenter for Author Workshops and a level 3 certified Mendeley trainer.”

PLEASE READ INSTRUCTIONS CAREFULLY:

- ✓ Please note that upon joining, you will be automatically muted, which means, you can hear what the Speaker/hosts say but you will not be able to speak.
- ✓ You would only get audio at 4:00PM when the webinar starts
- ✓ If you wish to ask any question, please type in the chat box which will be visible on your screens.
- ✓ Request you to please ask questions related to the content of the webinar only.
- ✓ For best experience, use headphones



*Indian Institute of Technology, Delhi
in collaboration with
Elsevier*



IIT Delhi
Indian Institute of Technology Delhi

**WEBINAR
ON
“Accelerate Research Planning
@IIT Delhi Using Scopus”**

*Speaker:
Vishal Gupta
Customer Consultant- South Asia
Elsevier*



Elsevier at a Glance- Academic & Government



140

Elsevier has 140 years of experience in curation and verification.



75,382

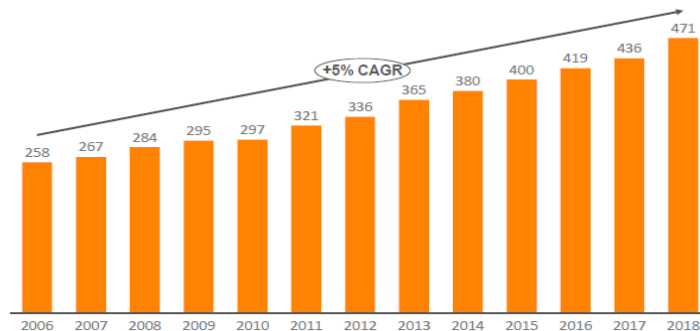
editorial board members and more than 20,000 editors in academia



1.3m+

and over 1.3m reviewers covering hundreds of disciplines

Elsevier Published Articles ('000)



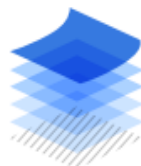
25,000+

Our Elsevier products are used at more than 25,000 academic and government institutions around the world.



16 m

ScienceDirect, the world's largest database dedicated to peer-reviewed primary scientific and medical research, has 16 million monthly unique visitors.



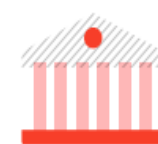
1 billion

1 billion articles were downloaded by researchers.



5,000+

Scopus is a leading abstract and citation database of research literature, with over 73 million records across 24,000 journals, sourced from more than 5,000 publishers.



10,000+

SciVal offers insights into the research performance of over 10,000 research institutions.



11+ m

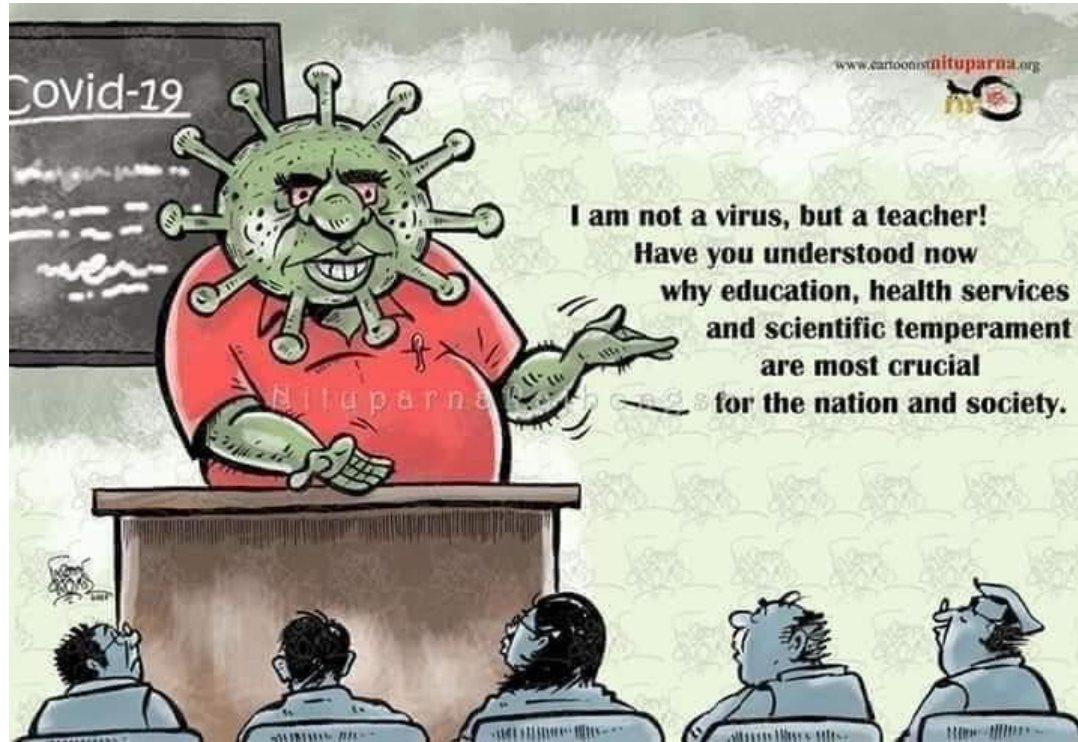
Mendeley enables over 11 million users worldwide, from undergraduates to professionals, to organize, write, collaborate and promote their research.



Source: www.elsevier.com

This image speaks for itself:

Science, Education and Research are the pillars of building a progressive nation



COVID-19 Crisis & Elsevier Response



ELSEVIER

<https://www.elsevier.com/clinical-solutions/coronavirus-research-hub>

Coronavirus Research Hub

Welcome to the Elsevier Coronavirus Research Hub

We invite researchers and data scientists focused on Coronavirus and COVID-19 vaccines and drugs, as well as clinical research, to freely access these Elsevier solutions for your work.

[Get access >](#)

Get access to these best-in-class tools

ClinicalKey
Find and apply the current clinical understanding of coronavirus related pathophysiology, diagnosis and treatment.
[Learn more](#) | [Get support >](#) | [Register](#)
[Sign in \(registered users\) >](#)

Pure
Identify potential research collaborators in areas related to the coronavirus epidemic across basic science, translational research, or clinical practice.
[Learn more >](#) | [Coronavirus Portal >](#)

Text Mining
Find precise biomedical information from > 14 million full-text articles from multiple publishers, in addition to smarter searching and interrogation of the COVID-19 dataset.
[Learn more](#) | [Register](#)
[Sign in \(registered users\) >](#)

Pathway Studio
In Mendeley Data investigate biological relationships between diseases (MERS and SARS), proteins and molecules, all extracted from Pathway Studio.
[Go to data >](#)

Embase
Surface drug-disease relationships, drug-drug interactions, treatments used in similar pathologies, and suitable animal models for testing.
[Learn more](#) | [Get support >](#) | [Register](#)
[Sign in \(registered users\) >](#)

Mendeley
Organize your COVID-19 research, collaborate with others online, and discover the latest research
[Learn more](#) | [Get support >](#) | [Register](#)
[Sign in \(registered users\) >](#)

ScienceDirect
Build your knowledge of the emerging research; assess the methods and evidence found in >24,000 novel coronavirus and Covid-19 related full text articles.
[Go directly to free content >](#)

Veridata EDC
Collect, and safely store, patient level data in a consistent and secure manner during clinical development and other patient-related studies.

SSRN
Quickly find up-to-the minute research on Covid-19 via this open-access online preprint community.
[Learn more](#) | [Register](#)
[Sign in \(registered users\) >](#)

Mendeley Data
Discover, collect, share and publish COVID-19 research data
[Find data >](#) | [Explore metadata >](#)
[Publish data >](#)

Professional Services
Obtain full drug candidate profiles, analyzed and ranked based on your submitted criteria.
[Learn more](#) | [Register](#)

Reaxys
Search for the molecules that modulate the target proteins, find synthetic routes, scale up the synthetic routes with GMP compliance.

Made for researchers in the following segments



Life Sciences
Empowering your exploration and delivery of diagnostic, therapeutic, and preventive interventions.



Clinical Research
Empowering you to manage population and patient health, and to capture and share clinical data.



Academic & Government
Empowering you with the latest published data and insights, and enabling cross-sector collaboration.



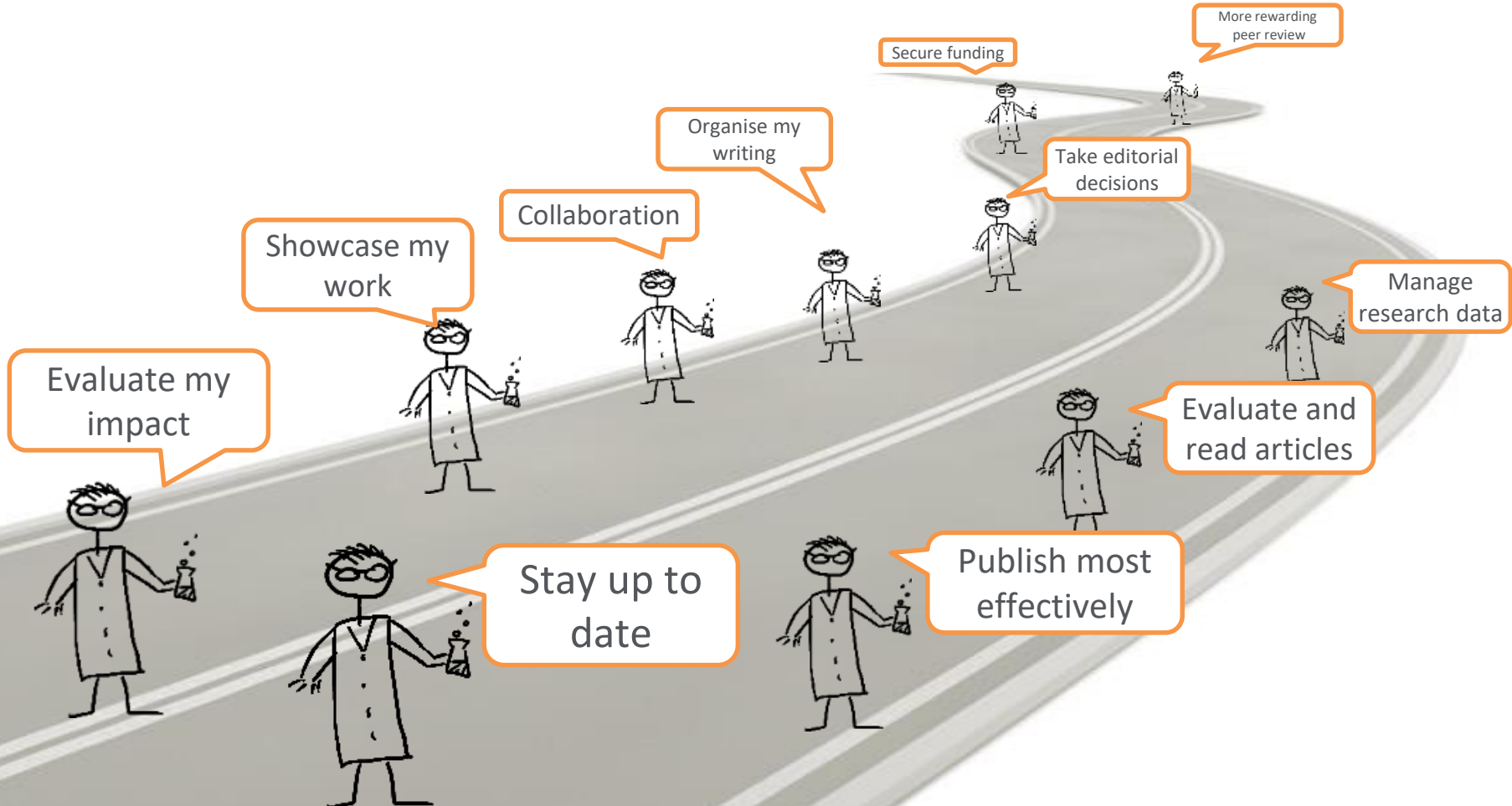
Data Scientist
Empowering you to more quickly gather and operationalize your training sets and models with quality data.



ELSEVIER



Researchers today are more demanding than ever before



Understanding the research Workflow

RESEARCH PREPARATION

- > Funding
- > Research data management
- > Research collaborations

WRITING FOR RESEARCH

- > Fundamentals of manuscript preparation
- > Writing skills
- > Technical writing skills
- > Book writing

PUBLICATION PROCESS

- > Fundamentals of publishing
- > Finding the right journal
- > Ethics
- > Open science
- > Publishing in the Chemical Sciences

NAVIGATING PEER REVIEW

- > Certified Peer Reviewer Course
- > Fundamentals of peer review
- > Becoming a peer reviewer
- > Going through peer review

COMMUNICATING YOUR RESEARCH

- > Social impact
- > Ensuring visibility

Elsevier products are integral to the research workflow

Researcher-centricity as the key concept behind our activities and products – looking at the whole picture of the researcher's workflow!



Researcher-centricity is the key concept behind our activities and products – looking at the whole picture of the researcher's workflow!

Scientific Publishing nowadays

~5,500 scientific journal publishers

~35,000 peer-reviewed scholarly journals

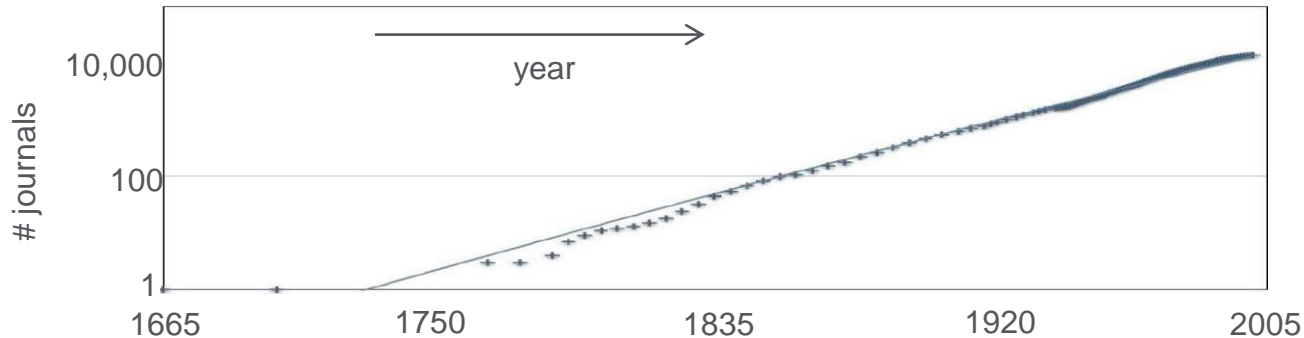
~2,600,000 published articles per year
(this rate increases ~3% per year)

~4,000,000 unique authors in a year
(this number increases with ~3% per year)

The top four largest publishers:

1. Elsevier
2. Springer-Nature
3. Wiley
4. Taylor & Francis

*Together they publish
40% of all journals*



Journal organization: Quality

- Several indicators exist that aim to measure quality.
- The indicators assume that the importance of a paper can be assessed by number of citations.
- The most popular indicator, the Impact Factor, has a 'citation window' of two years.
- CiteScore recently launched alternative
- Impact Factor/CiteScore also dependent on discipline, type of articles and scope of journal

Journal organization: Impact Factor

- Impact Factor (IF): average number of times articles from a journal published in the past two years have been cited in the current year

$$\text{Impact Factor in 2019} = \frac{\text{All citations in 2019 to articles published in 2017 and 2018}}{\text{All articles published in 2017 and 2018*}}$$

*Articles do not include Conference Proceedings

Journal organization: CiteScore

- New quality indicator launched 2017.
- Three year citation window

$$\text{CiteScore in 2019} = \frac{\text{All citations in 2019 to articles published in 2016, 2017 and 2018}}{\text{All articles published in 2016, 2017 and 2018*}}$$

*Articles include all types

Journal organization: Different Access Types

- Most journals are subscription journals, they are purchased by university/library and are only accessible to subscribers.
- Currently also **'open access' journals** are available. Authors (or their funders) pay 'article process charges' (APC) and the article is freely available.
- Most subscription journals offer option to make an article 'open access'. These are so-called **'hybrid' journals**.
- **Gold open access:** author pays to publish in journal
- **Green open access:** manuscripts is available through institutional repository.



The Publishing Workflow

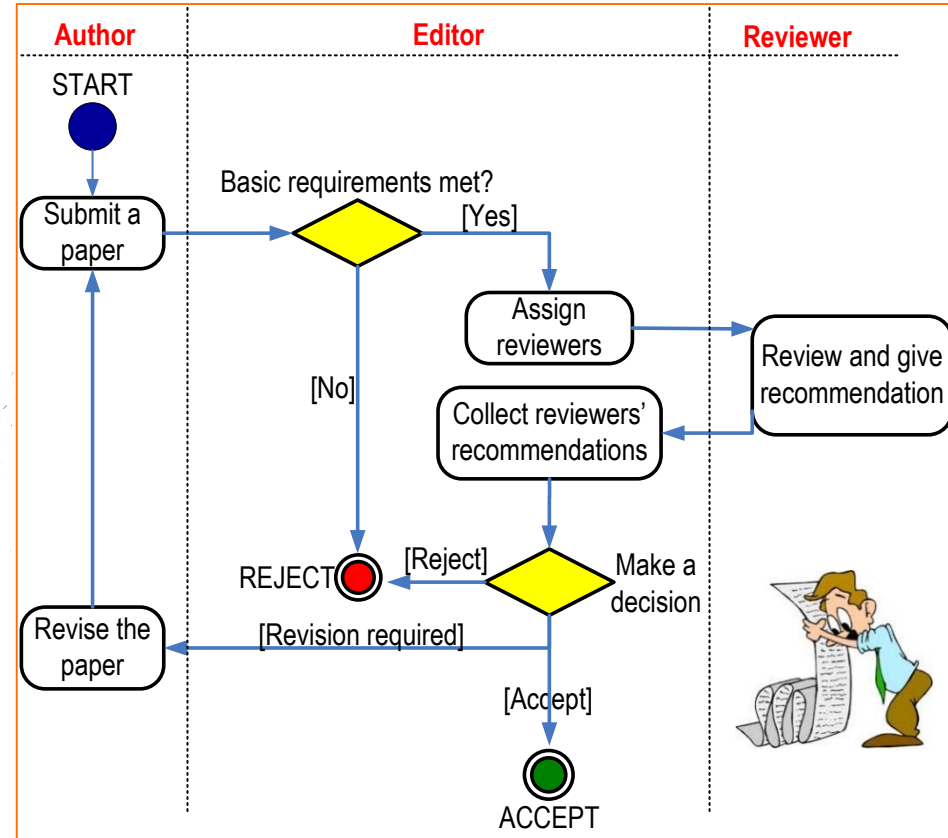
A typical publishing workflow

What Editors want?

1. Paper is scientifically correct
2. If it reports something new
3. If it reports something significant
4. If the paper is of interest to the readers

Top reasons for rejection by an Editor are:

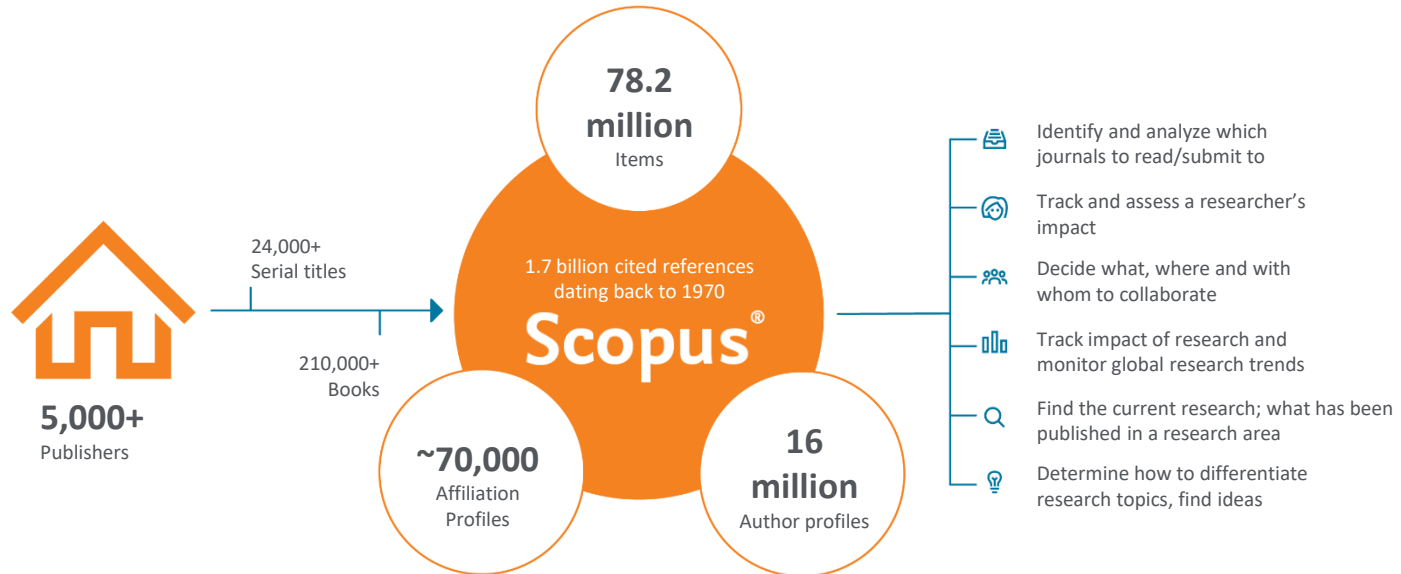
1. Topic of research not trending/not impactful
2. Poorly written abstract: Language errors
3. Too many/irrelevant Self-cites
4. Poor geographical distribution of citations
5. Recent articles not cited
6. Leading scientists/top journal articles not cited



What is Scopus?

The largest abstract and citation database of
peer-reviewed literature.

Scopus is a source-neutral abstract and citation database curated by independent subject matter experts.



The largest abstract & citation database of peer-reviewed literature

Scopus includes 78.2M records from more than 5,000 publishers and 105 different countries

- 40 different languages covered
- Updated daily—approximately 10,000 articles per day indexed
- Multiple regional content types covered (journals, conferences, books, book series)
- 8.7M open access documents
- Records dating back to 1788

Number of active Journals by subject area:	Journals	Conferences	Books	Patents
Physical Sciences 7,441	24,039* Peer-reviewed journals	119K Conference events	852 Book series	44.3M patents From 5 major patent offices - WIPO - EPO - USPTO - JPO - UK IPO
Health Sciences 7,133	294 Trade journals	9.87M Conference papers	40K Volumes	
Social Sciences 8,698	5,527 Active open access journals		1.83M Items	
Life Sciences 4,601	>8,000 Articles in Press		221,000+ Stand-alone books	
	Full metadata and abstracts. Cited references back to 1970.	Mainly Engineering, Maths, Physics and Computer Sci.	Mainly Social Sci. and Arts & Humanities	

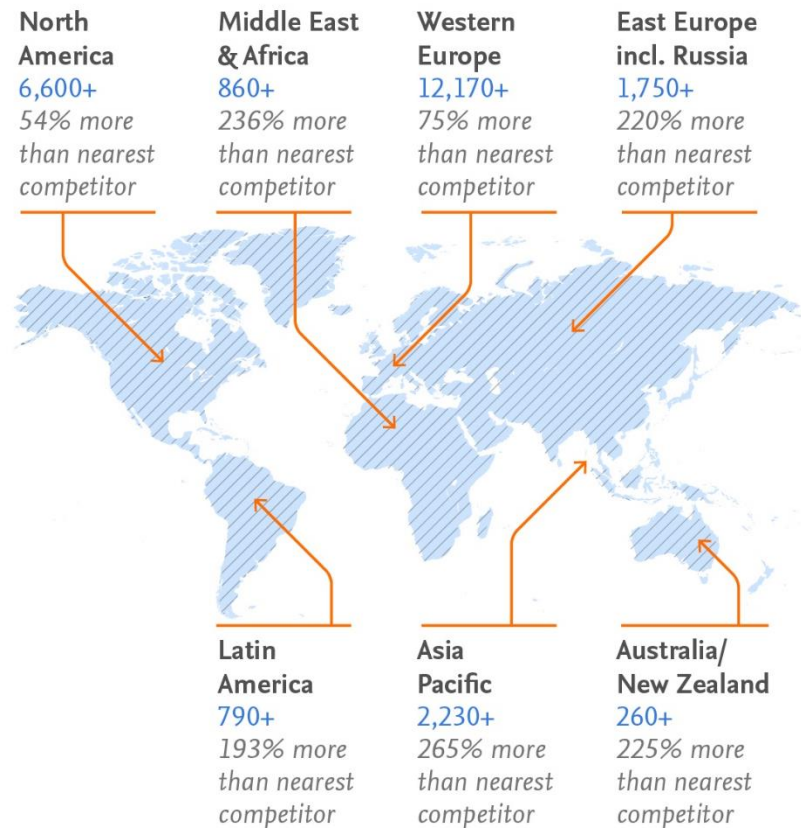
Source: <https://www.elsevier.com/solutions/scopus>



Global Representation means global discovery

Across all subjects and content types

Global Representation
(number of active titles)



Expert Curated content selection by the independent Content Selection & Advisory Board (CSAB)

Expert curation

There are
104,586*
active
scholarly
titles



Of which
47,519*
are peer-
reviewed



Scopus
indexes
24,600+



Curated
content

- › Titles on Scopus are rigorously reviewed and selected by an independent board of subject matter experts to include 52% of the world's peer-reviewed scholarly literature.

* Source: Ulrich's Web Global Serials Directory, February 15, 2019

- The **CSAB** is an independent board of subject experts from all over the world.
- Comprised of 17 Subject Chairs.
- Board members are chosen for their expertise in specific subject areas; many have (journal) Editor experience.



Transparent Scopus selection criteria for serial content

1) All titles should meet all technical criteria in order to be considered for Scopus review:

Peer-review

English abstracts

Regular publication

Roman script
references

Publication ethics
statement

2) Eligible titles are reviewed by the CSAB according to 14 selection criteria:

Journal Policy

- Convincing editorial concept/policy
- Type of peer-review
- Diversity geographic distribution of editors
- Diversity geographic distribution of authors

Quality of Content

- Academic contribution to the field
- Clarity of abstracts
- Quality and conformity with stated aims & scope
- Readability of articles

Journal Standing

- Citedness of journal articles in Scopus
- Editor standing

Regularity

- No delay in publication schedule

Online Availability

- Content available online
- English-language journal home page
- Quality of home page



Scopus: Supporting Researchers

Combining content with Technology to turn information into
“Actionable Knowledge”

Scopus can help researchers



Find out what already exists in the global world of research output



Get topic specific funding insights: Target funding agencies



Decide what, where and with whom to partner or collaborate with



Track impact of research; monitor global research trends



Identify and analyze which journals to read or where to submit an article



Help researchers track their research performance through citation counts and the *h*-index

S
C
O
P
U
S

Choose the right journal and article type

- Elsevier Tool: journalfinder.elsevier.com
- Simply insert your title and abstract and select the appropriate field-of-research for the best results.
- Suggests suitable journals and provides information on editorial times, acceptance rate, production speed, open access options,...
- Look for more information in Elsevier Journals Insight
- Compare/Look some of the relevant metrics in Scopus

Find journals

Enter title and abstract of your paper to easily find journals that could be best suited for publishing. JournalFinder uses smart search technology and field-of-research specific vocabularies to match your paper to scientific journals.

> More on how it works

Paper title

Enter your paper title here

Paper abstract Don't have an abstract? ▾

Enter your paper abstract here

Keywords

Enter relevant keywords for your paper

Field of research

Select field of research ▾

— Refine your search

E.g. Journal impact, Review and Time to publication

Refine the scope of your search to get more relevant journals

Publication type

An article can either be published gold open access or with Subscription. A publication fee is required when publishing gold OA, while subscription is free (an embargo period applies before authors can publish their manuscript to the public).

Journals that offer gold OA

Journals with subscription

Research Metrics Used in Scopus

Journal – Author - Article

Journal metrics in Scopus

CiteScore™ metrics are the new standard that help to measure journal citation impact.

- **Comprehensive, Transparent, Current and free metrics** for helping to analyze where research outputs are published.
- Calculated using data from Scopus, CiteScore metrics **help validate citations received by journals and proceedings**, and empower users with information to **make well-informed decisions regarding where to publish.**

Source-Normalized Impact per Paper (SNIP)

- Developed by CWTS, University of Leiden Netherlands.
- Measures contextual citation impact by **weighting citations based on the total number of citations in a subject field.**
- The impact of a single citation is given higher value in subject areas where citations are less likely, and vice versa.

SCImago Journal Rank (SJR)

- Developed by SCImago, Spain.
- **A prestige metric** that can be applied to journals, book series and conference proceedings.
- With SJR, the subject field, quality and reputation of the journal have a direct effect on the value of a citation.

Author level metrics in Scopus



Scopus

Author details

< Return to search results 1 of 19 Next >

Rao, C. N.R.

Author ID: 22968535800 ⓘ

Affiliation(s): ⓘ

Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, India View more >

Documents by author 1662


Total citations 84402

h-index: ⓘ


133

GOOGLE SCHOLAR:

- Covers not only journals but academic websites, grey literature, pre-prints, theses etc
- Also includes books from the Google Books project
- Results often contain duplicates of the same article (usually as pre-prints and post-prints) due to the wide range of sources



C. N. R. Rao



Professor of Chemistry
Verified email at jncasr.ac.in
Materials Chemistry Solid State Chemistry

Cited by

[VIEW ALL](#)

	All	Since 2015
ns	118589	35920
k	155	85
ex	1305	559



- ✓ The H-Index is a numerical indicator of how productive and influential a researcher is
- ✓ It was invented by Jorge Hirsch in 2005, a physicist at the University of California.

Author level metrics in Scopus

ORCID

Connecting Research
and Researchers

- ✓ Open Researcher and Contributor ID
- ✓ Nonproprietary alphanumeric code
- ✓ Uniquely identifies scientific and academic authors /contributors.
- ✓ Integrated with Scopus

Article-level metrics in Scopus: *Compare Like with Like*

- ❑ **The Field-Weighted Citation Impact**
- ❑ (FWCI) score comes from the Scopus database and shows how the article's citation count compares to similar articles in the same field and timeframe.
- ❑ A score of 1.00 means the article is cited as it would be expected, greater than 1.00 the article is doing better than expected, and less than 1.00 the article is underperforming.
- ❑ Eg. FWCI of 6 indicates that the article received almost 6 times the number of citations as compared to the average article in this field received.

PlumX Metrics are comprehensive, item-level metrics that provide insights into the ways people interact with individual pieces of research output



How to use Scopus?

- ✓ Your institute must have access to Scopus
- ✓ If yes, then while working from home you institute must have arranged for remote access
- ✓ Log on to : www.scopus.com

Further Reading

- Navigate your research journey with Researcher Academy. Free e-learning modules developed by global experts. Career guidance and advice. Research news on our blog.
 - Research Preparation
 - Writing for Research
 - Publication Process
 - Navigating Peer Review
 - Communicating Your Research

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

The screenshot shows the Researcher Academy website. At the top, the logo "Researcher Academy" is on the left, and navigation links "Learn", "Career path", "Blog", and icons for user profile, notifications, and search are on the right. The main banner features the headline "Unlock your research potential" and a sub-headline: "Navigate your research journey with Researcher Academy. Free e-learning modules developed by global experts. Career guidance and advice. Research news on our blog." A blue "Start learning >" button is positioned on the right. Below the banner is a horizontal timeline with five circular nodes: "RESEARCH PREPARATION", "WRITING FOR RESEARCH", "PUBLICATION PROCESS", "NAVIGATING PEER REVIEW", and "COMMUNICATING YOUR RESEARCH". Each node has a right-pointing arrow. Underneath the timeline, a "Latest" section displays three featured articles with icons and titles: "WRITING SKILLS: How to write your first paper", "FUNDING: Essential Guide for Researchers", and "BECOMING A PEER REVIEWER: A Step-by-Step Guide".



Thank you for your time

*For any queries, please write to
Email: v.gupta@elsevier.com*



IIT Delhi

Indian Institute of Technology Delhi



STAY HOME, STAY SAFE, MAINTAIN SOCIAL DISTANCING

EAT HEALTHY, BE ACTIVE

TRY OUT A NEW HOBBY OR PURSUE AN OLDER ONE

HELP & CONTRIBUTE TO PEOPLE IN NEED

FEED STRAY ANIMALS IF POSSIBLE

LETS STAND TOGETHER, FOR EACH OTHER