

# Elsevier Databases User Training

## Scopus

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**Hossein Aazami**

**Training Director at FarIdea Company**

**Elsevier Product Training Specialist**



**ELSEVIER**

# Kermanshah University of Medical Sciences

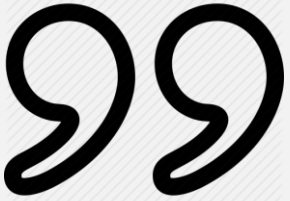
## Overall Research Performance - 2015 to >2020



**4416 Documents**

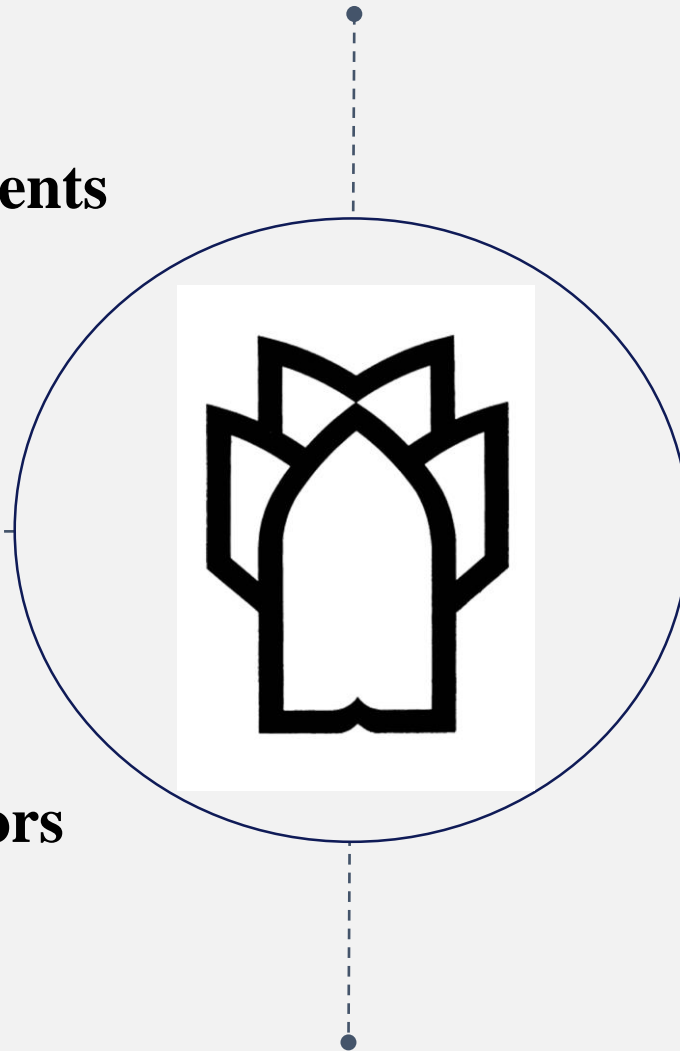
**36322 citations**

**8.2 citations per  
publications**



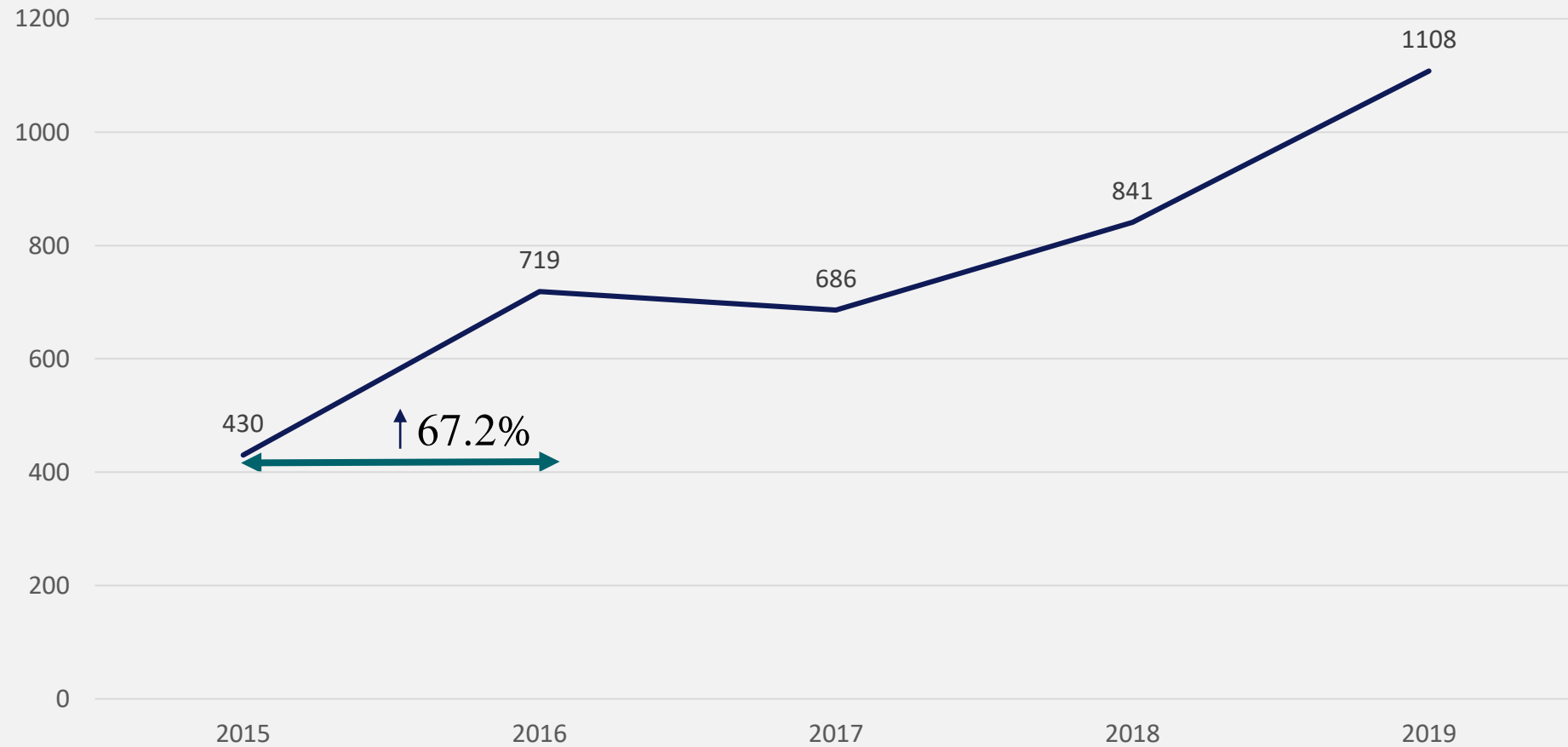
**2345 Authors**

**FWCI = 1.79**



# Kermanshah University of Medical Sciences Scholarly Output Overview 2015 to 2019

## Number of Publications



# Kermanshah University of Medical Sciences Scholarly Output Overview 2015 to 2019

Outputs in top 10% most cited publications worldwide

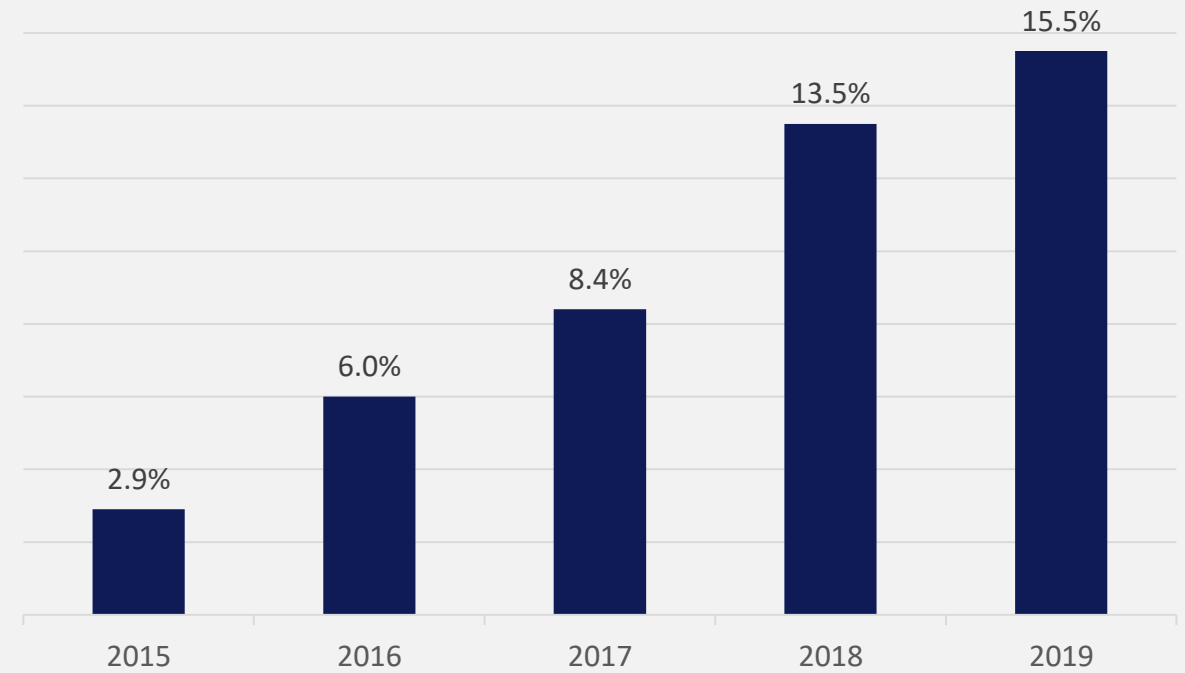
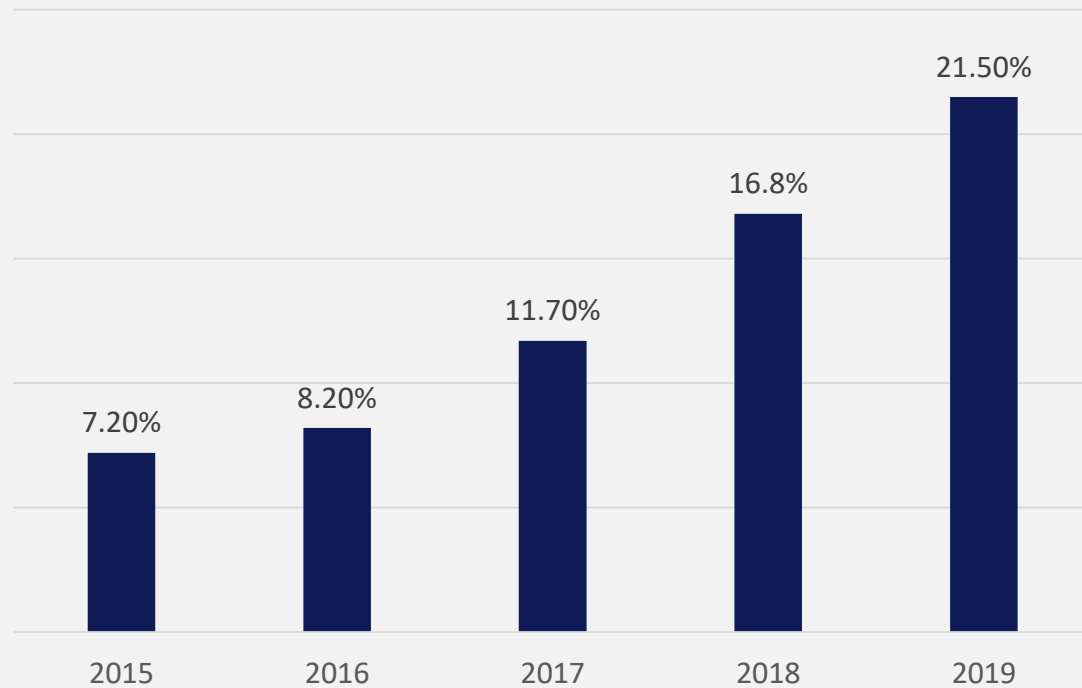
698 (15.8%)

Iran: 15.4%

Publications in top 10% journals

472 (11.5%)

Iran: 16.8%



# Kermanshah University of Medical Sciences Scholarly Output Overview 2015 to 2019

Outputs in top 10% most cited publications worldwide

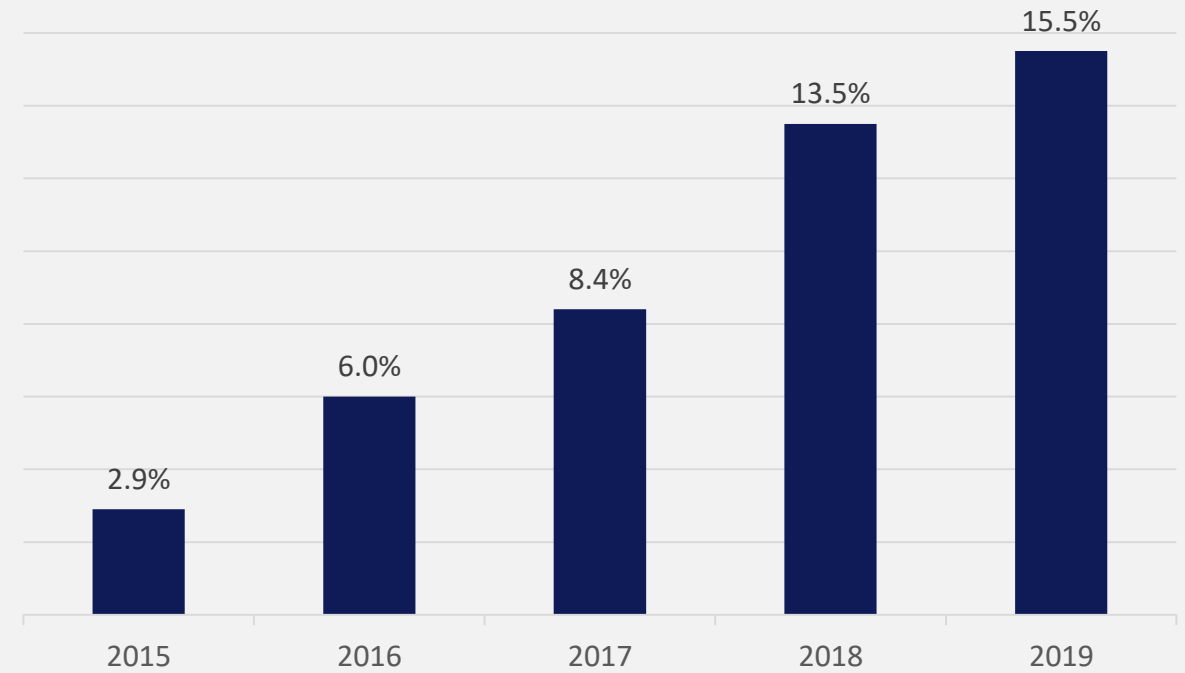
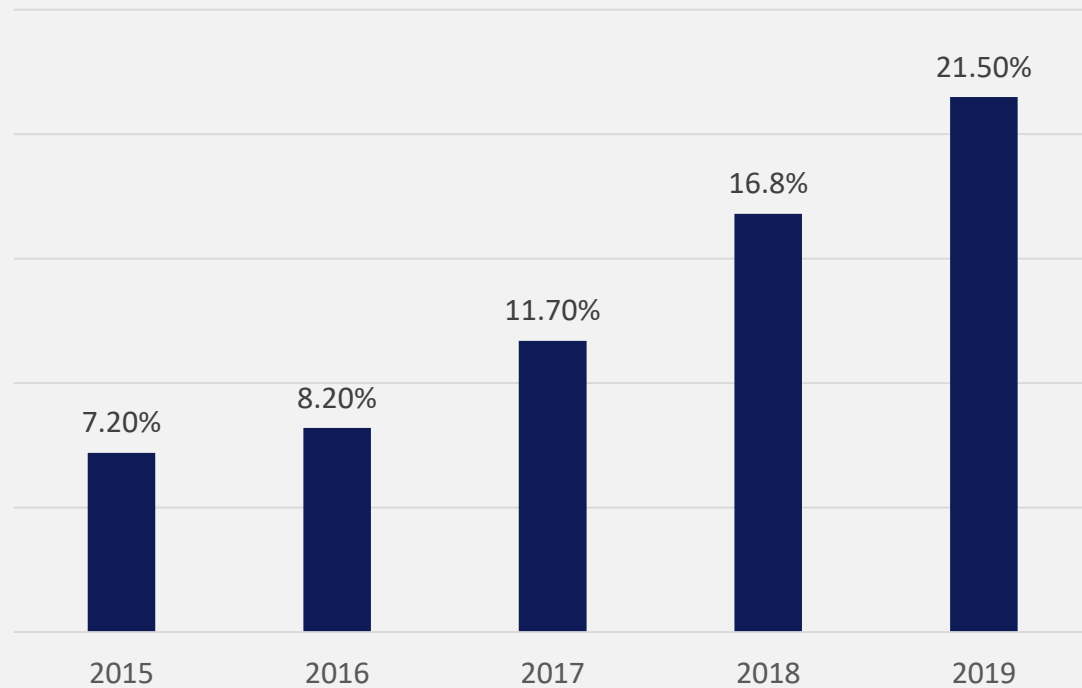
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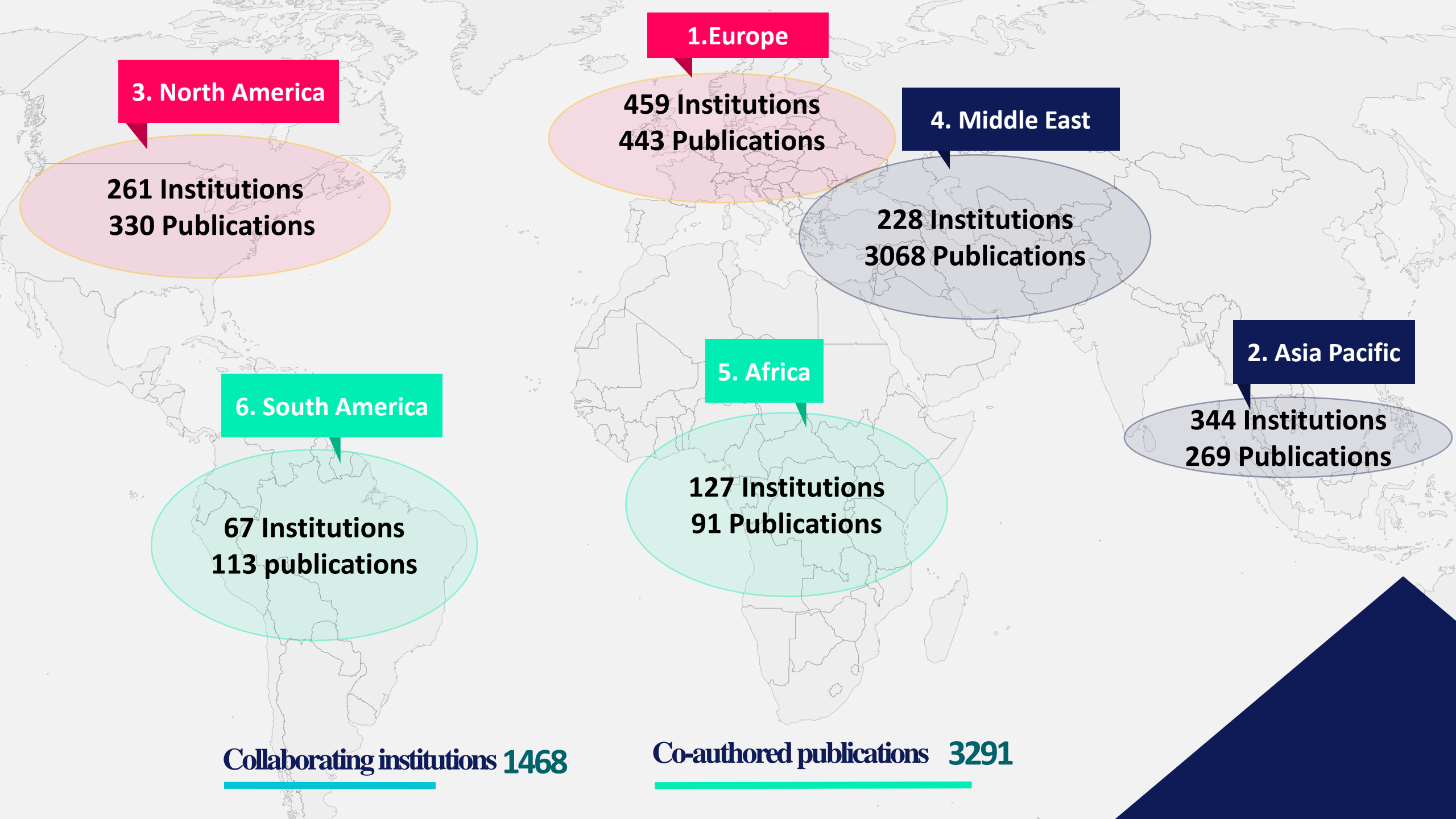
# Collaboration

2015 to >2020

Metric	Percentile	Scholarly Output	Citations	Citations per Publication	FWCI
International collaboration	22.4%	988	21032	21.3	4.73
Only national collaboration	60.5%	2671	13237	5.0	1.04
Only institutional collaboration	16.0%	706	1939	2.7	0.58
Single authorship (no collaboration)	1.1%	51	114	2.2	0.67

## Top collaborating Institutions 2014 to >2020

Institutions	Co-authored publications	Citations received	Co-authors	FWCI
Tehran University of Medical Sciences	875	21382	1075	5.29
Shahid Beheshti University of Medical Sciences	451	17590	483	8.69
Islamic Azad University	405	5633	426	3.89
Razi University	399	2791	286	1.34
Iran University of Medical Sciences	372	17431	357	10.30



**1. Europe**

**459 Institutions  
443 Publications**

**4. Middle East**

**228 Institutions  
3068 Publications**

**2. Asia Pacific**

**344 Institutions  
269 Publications**

**5. Africa**

**127 Institutions  
91 Publications**

**3. North America**

**261 Institutions  
330 Publications**

**6. South America**

**67 Institutions  
113 publications**

**Collaborating institutions 1468**

**Co-authored publications 3291**



## Top 5 authors by Scholarly Output 2015 to >2020

Name	Scholarly Output	h-index
Pirsaheb, Meghdad	128	29
Sadeghi, Masoud	124	10
Najafi, Farid	110	24
Farzaei, Mohammad Hosein	103	27
Sharafi, Kiomars	101	29

# Top 5 Publications 2015 to >2020

## Naghavi, M

Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: A systematic analysis for the Global Burden of Disease Study 2016.

1344

## Forouzanfar, M.H

Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015.

1437

## Vos, T

Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: A systematic analysis for the Global Burden of Disease Study 2016.

1550

## Vos, T

Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015.

2238

## Wang, H

Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015.

2273

# Who is Elsevier?



Elsevier, the modern publishing company, was founded in 1880.

# Long and successful history...



Galileo's last and greatest work, published in 1638 by Elzevir, **Discorsi e Dimostrazioni Matematiche** is considered the first important discussion of modern physics.

434-134

YEARS OF PUBLISHING  
TRADITION | EXCELLENCE

1580-1880-2005

We commemorate the founding of the House of Elzevir in 1580 and celebrate the establishment of the Elsevier company in 1880.



ELSEVIER



Niels Bohr



Physics

Louis Pasteur



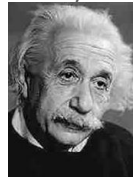
(Chemistry)

Alexander Fleming



Medicine

Albert Einstein



Physics

George F. Smoot



Physics

John C. Mather



Physics

Roger D. Kornberg



Chemistry

Craig C. Mello



Medicine

# Solutions Portfolio - ELSEVIER

## Core Solutions

Scopus<sup>®</sup>  
SciVal  
Pure 

## Engineering

Reaxys<sup>®</sup>  
Embase<sup>®</sup>  
Pathway Studio<sup>®</sup>  
pharmapendium<sup>®</sup>  
MAKE INFORMED DRUG DEVELOPMENT DECISIONS

## Research Intelligence

ScienceDirect  
Scopus<sup>®</sup>  
 MENDELEY

## Engineering Village<sup>™</sup>

 Knovel<sup>®</sup>  
 Compendex  
 GEOFACETS<sup>™</sup>

## Life Sciences

- **Discover world's largest full-text platform with interactive database**
- **Stay more informed, effective and efficient with innovative content enhancements**



- **Discover largest abstract and citation database of peer-reviewed literature**
- **Track, analyse and visualize scholarly research with smart tools**
- **Track the impact of the research with various metrics including Plum**

- **Discover free research workflow tool and academic social network**
- **Empower yourself to organize your references**
- **Connect and inspire each other, store and share your data**
- **Find new career opportunities and benefit from various funds**





# Why do we need research metrics?





- Scopus is Elsevier's abstract and citation database launched in 2004. The Scopus name was inspired by this bird, because it has excellent navigation skills





Turn to Scopus,  
the world's most connected research database



**Scopus** is updated daily so you never miss the latest information.

Scopus

# Facts and Figures - Scopus®

The **largest abstract and citation database** of **peer-reviewed** literature, and features **smart tools** that allow you **track, analyse and visualize** scholarly research



**+70 Million records** from 23.000 serials, 100.000 conferences and 150.000 books from more than **5.000 publishers** and 105 countries



\*Records back to **1823**  
\***Over 8.000** 'article in press'  
\***Over 4.000** active Gold Open Access journals are indexed  
\*Additional **enhanced metadata**, i.e. 100% Medline coverage



\*Database is updated **daily**  
\***40 different languages** are covered  
\*Automatically generated profiles for more than 15 M researchers

## JOURNALS

Physical Sciences

**21,951** peer-reviewed journals

Health Sciences

**280** trade journals

Social Sciences

- Full metadata, abstracts and cited references (refs post-1970 only)

Life Sciences

- Funding data from acknowledgements
- Citations back to 1970

## CONFERENCES

**100K** conference events

**8M** conference papers

Mainly Engineering and Computer Sciences

## BOOKS

**562** book series

**150K** stand-alone books  
**1.2M** items

Focus on Social Sciences and A&H

## PATENTS\*

**27M** patents

From 5 major patent offices  
- WIPO  
- EPO  
- USPTO  
- JPO  
- UK IPO

Turn to Scopus  
for broad coverage across all subject areas



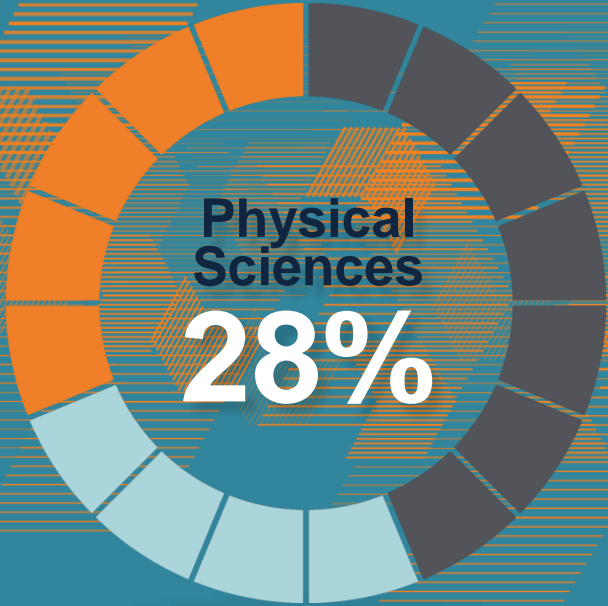
Health  
Sciences  
31%



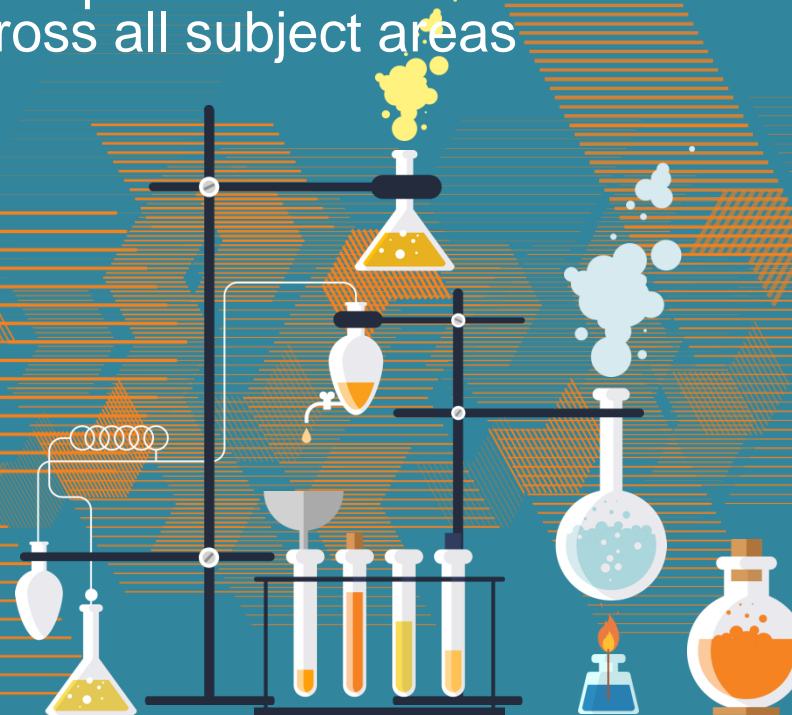
Search across 13,700+ Health Science titles; 31% of Scopus publications.

Scopus

Turn to Scopus  
for broad coverage across all subject areas



Physical  
Sciences  
28%



Search across 12,100+ Physical Science titles; 28% of Scopus publications.

Scopus

Turn to Scopus  
for broad coverage across all subject areas



**Social  
Sciences**  
**25%**



Search across 10,600+ Social Science titles, including Arts & Humanities.

Scopus

Turn to Scopus  
for broad coverage across all subject areas



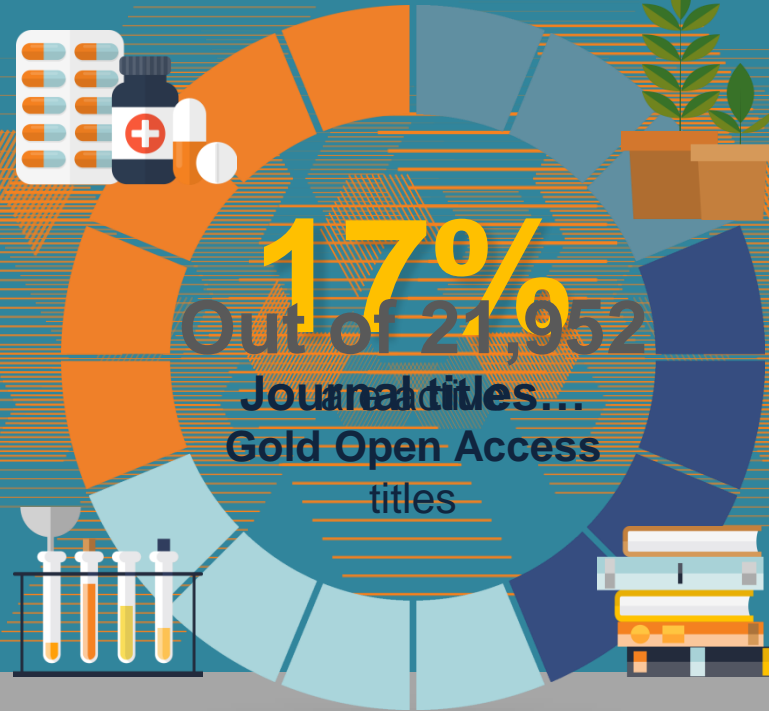
Life  
Sciences  
**16%**



Search across 6,700+ Life Science titles; 16% of Scopus publications.

Scopus

Turn to Scopus,  
the world's most connected research database



Scopus is updated daily so you never miss the latest information.

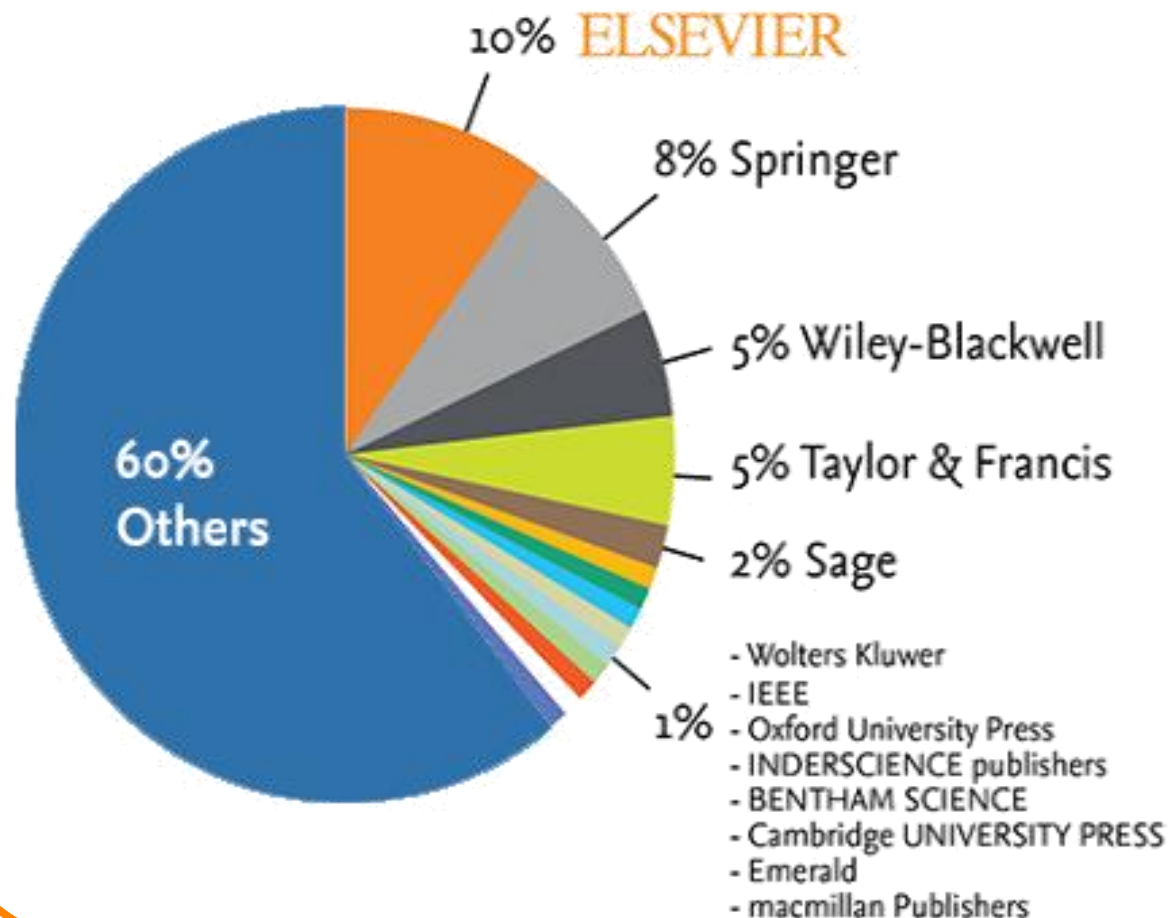
Scopus



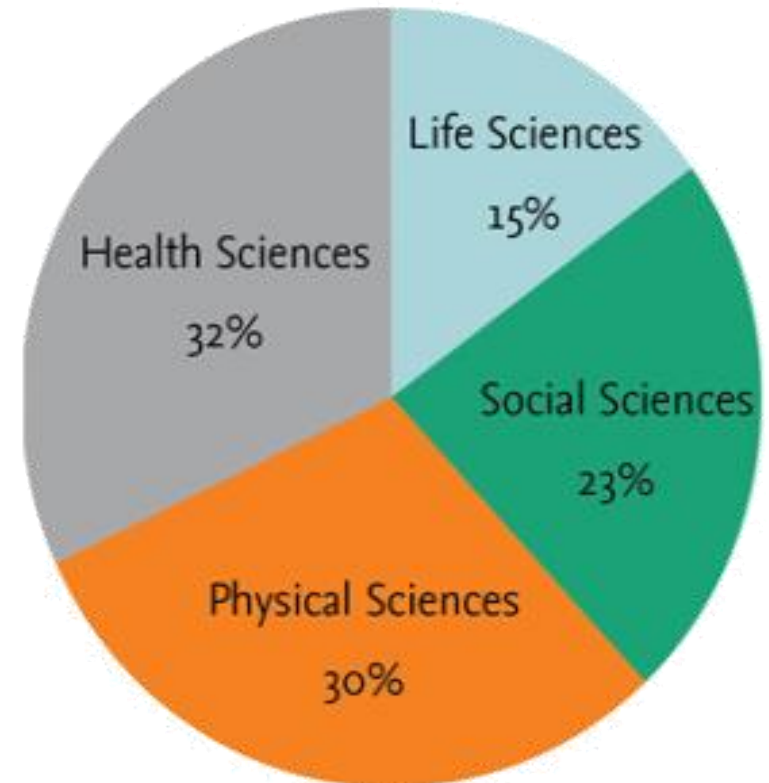
# Publishers and Subject Coverage - Scopus®

It covers more than 5.000 publishers and all subject areas

Publishers indexed in Scopus



Subject coverage in Scopus

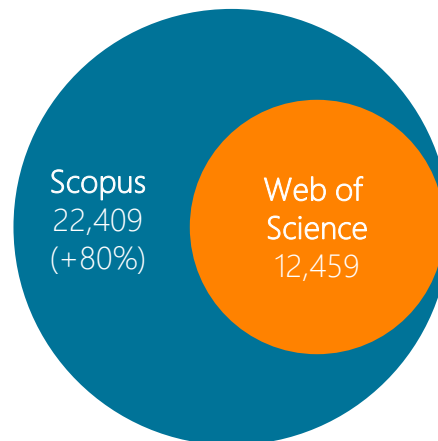




## Content Comparison with Web of Science

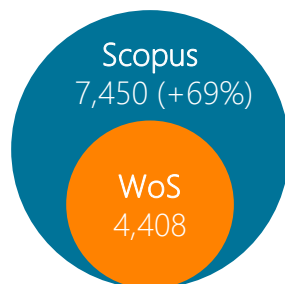
### Scopus

- ~22K titles
- >5,000 publishers
- Updated daily

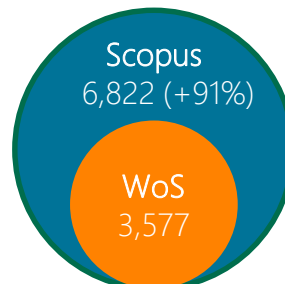


### Web of Science™

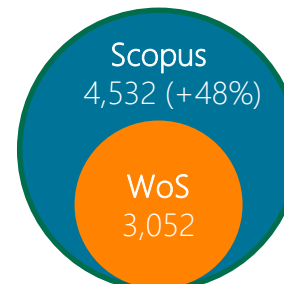
- ~12K titles
- 3,300 publishers
- Updated weekly



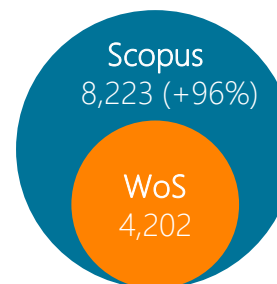
Physical Sciences



Health Sciences



Life Sciences



Social Sciences

Source: Web of Science Real Facts, Web of Science Core Collection title list and Scopus' own data (May 2016)

# Selection Process & Criteria - Scopus®

Scopus content is selected via independent Content Selection & Advisory Board (CSAB)



The CSAB is an independent board of subject experts from all over the world.

Board members are chosen for their expertise in specific subject areas; many have (journal) Editor experience.

The CSAB is selective and strict on quality: in total 5,411 titles reviewed (2011 –2015) of which 2,587 (48%) accepted for Scopus

# Selection Process & Criteria - Scopus®

The CSAB is selective and strict on quality: in total 5,411 **titles reviewed** (2011 –2015) of which 2,587 **(48%) accepted** for Scopus

All titles should meet **all minimum** criteria in order to be considered for Scopus review:



## 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

Eligible titles are reviewed by the CSAB according to a **combination of 14 quantitative and qualitative selection criteria**:

# Selection Process & Criteria - Scopus®

Transparent, annual re-evaluation process to ensure titles continue to meet high quality standards

Full Scopus Journal base	
Year 1	Analyze full Scopus journal corpus performance based on set metrics & benchmarks Flag underperforming journals & inform journal publishers
Year 2	Analyze full Scopus journal corpus performance based on set metrics & benchmarks Flag underperforming journals & inform journal publishers
CSAB review	<b>If a journal underperforms for <u>2 consecutive years</u>, CSAB will re-evaluate the title based on Scopus selection criteria</b> Flagged journals for which concerns are raised, CSAB will re-evaluate the title based on Scopus selection criteria
CSAB decision	Continue forward flow   or   Discontinue forward flow

# Metrics in Scopus®

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

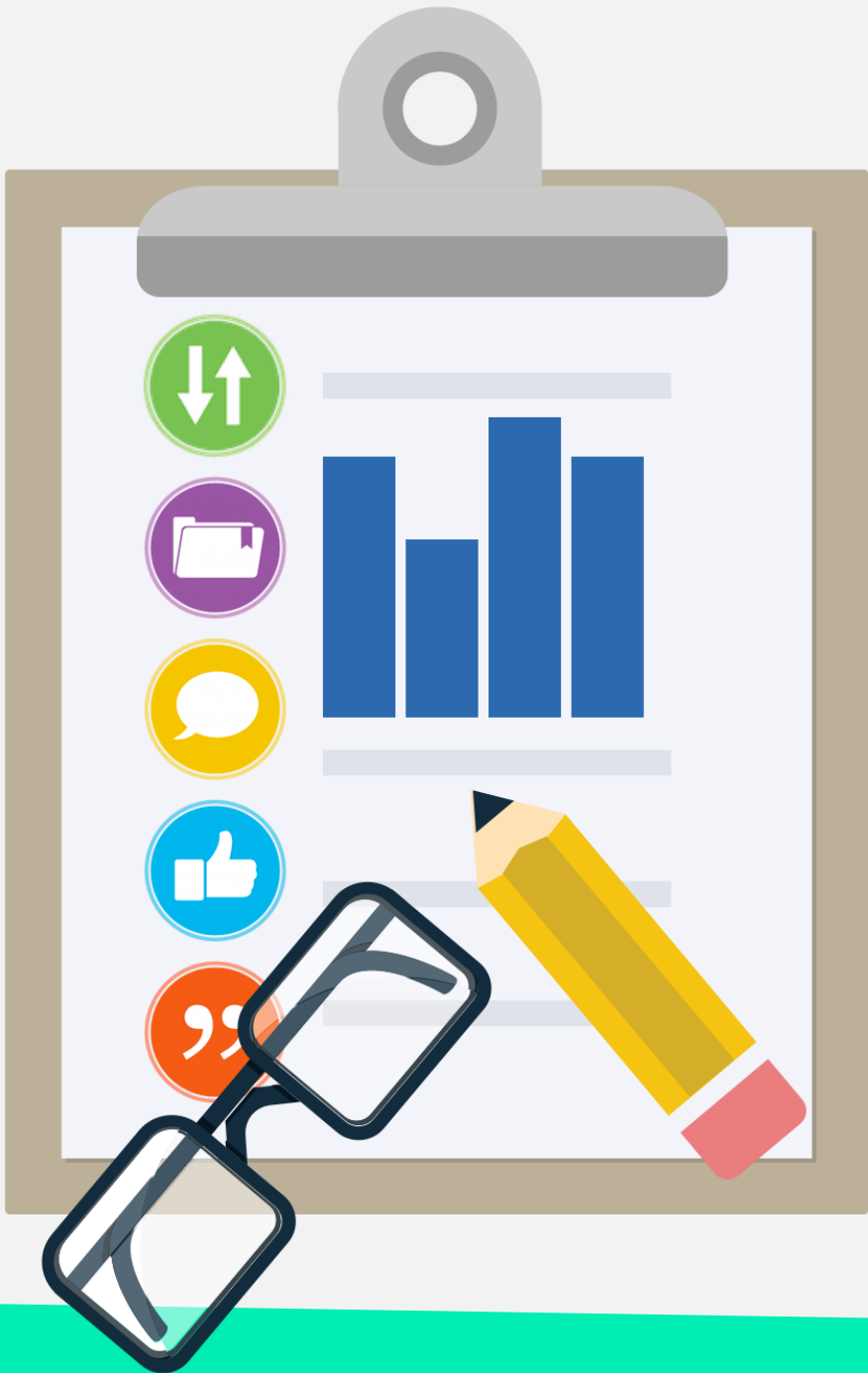


## Golden Rule # 2

Always use **more than one research metric** as the quantitative input

## Golden Rule # 1

Always use both **qualitative and quantitative input** into your decisions

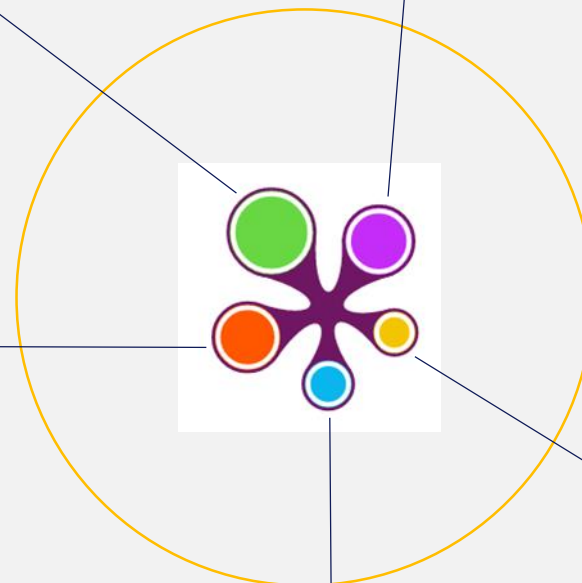


- PlumX Metrics provide insights into the ways people interact with individual pieces of research output (articles, conference proceedings, book chapters, and many more) in the online environment.
- PlumX gathers and brings together appropriate research metrics for all types of scholarly research output



**Usage:** clicks, views, downloads, library holdings, video plays

**Captures:** bookmarks, favorites, reference manager saves



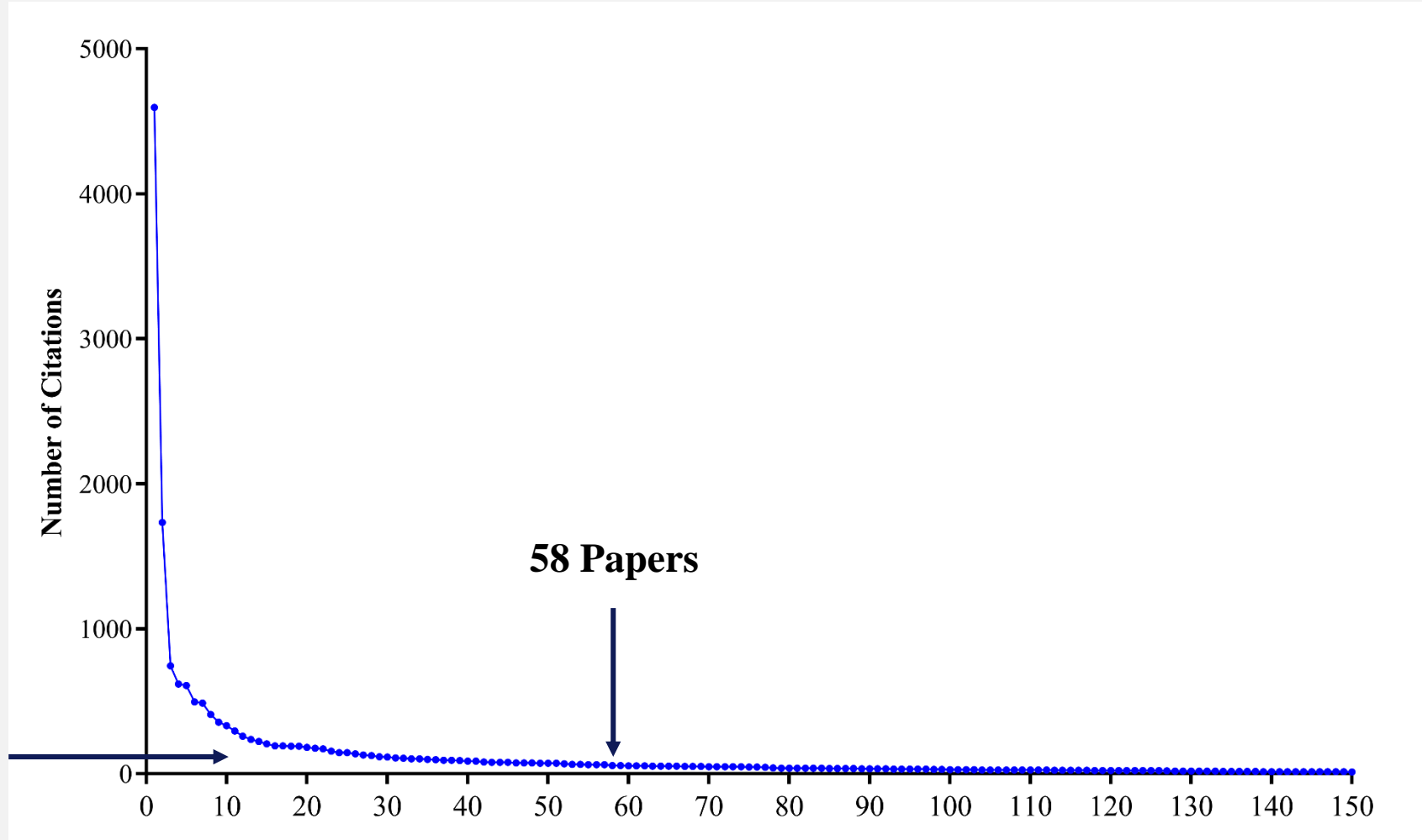
**Citations:** citation indexes, patent citations, clinical citations, policy citations

**Mentions:** blog posts, news mentions, comments, reviews, Wikipedia mentions



**Social media:** tweets, 1S+, likes, shares

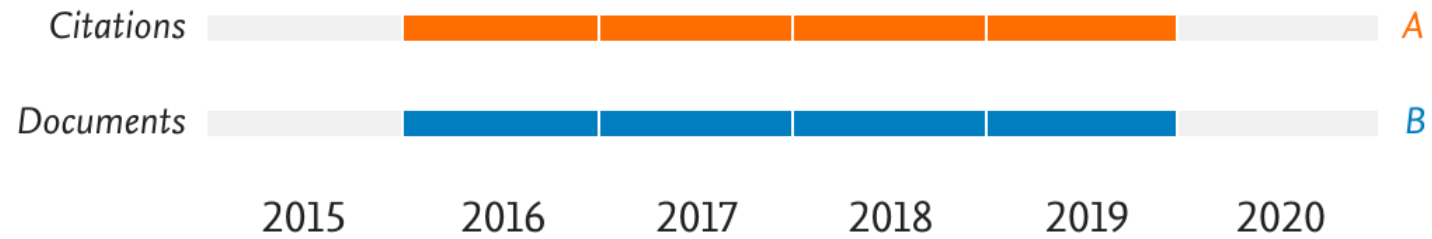
# H-Index – Jorge E. Hirsch (Physicist, 2005)



Cited 58 times or more



## New CiteScore methodology: CiteScore 2019



$$\text{CiteScore 2019} = \frac{A}{B}$$

*Numerator* | Citations to articles, reviews, conference papers, book chapters and data papers published in 2016-2019

*Denominator* | Articles, reviews, conference papers, book chapters and data papers published in 2016-2019

Telegram Channel:

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faridea\_co

# Thank you!

Please contact me if you have any question:

**[Aazami@faridea.com](mailto:Aazami@faridea.com)**

