



How does Elsevier support Open Access?

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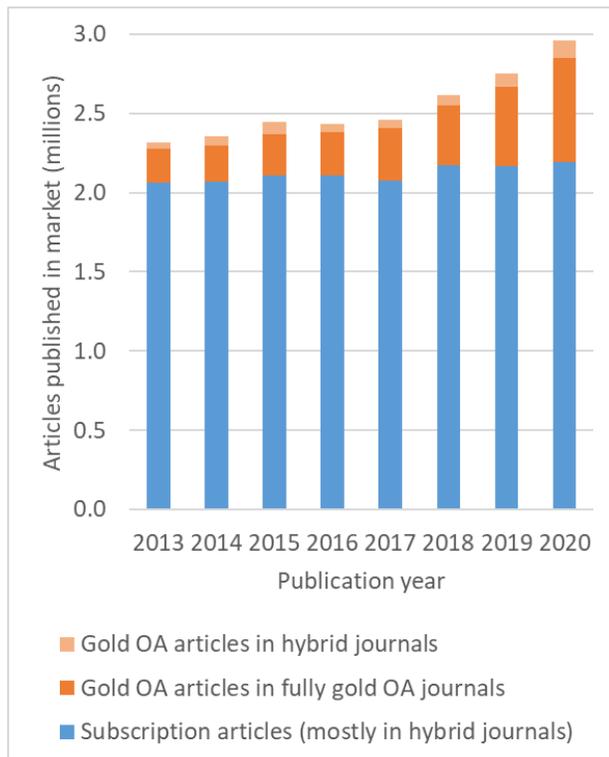


The open access publishing landscape

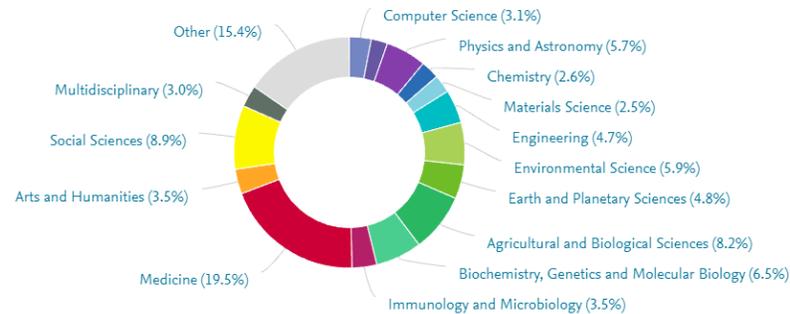
In 2020 there were an estimated 2.2 million subscription and 0.8 million pay-to-publish gold open access articles published worldwide.

South Africa landscape:

- Accelerated growth in open access publication in the last five years
- In the past two years, South African research output of the OA type has increased more substantially than in prior years



South Africa-related stats, SciVal:



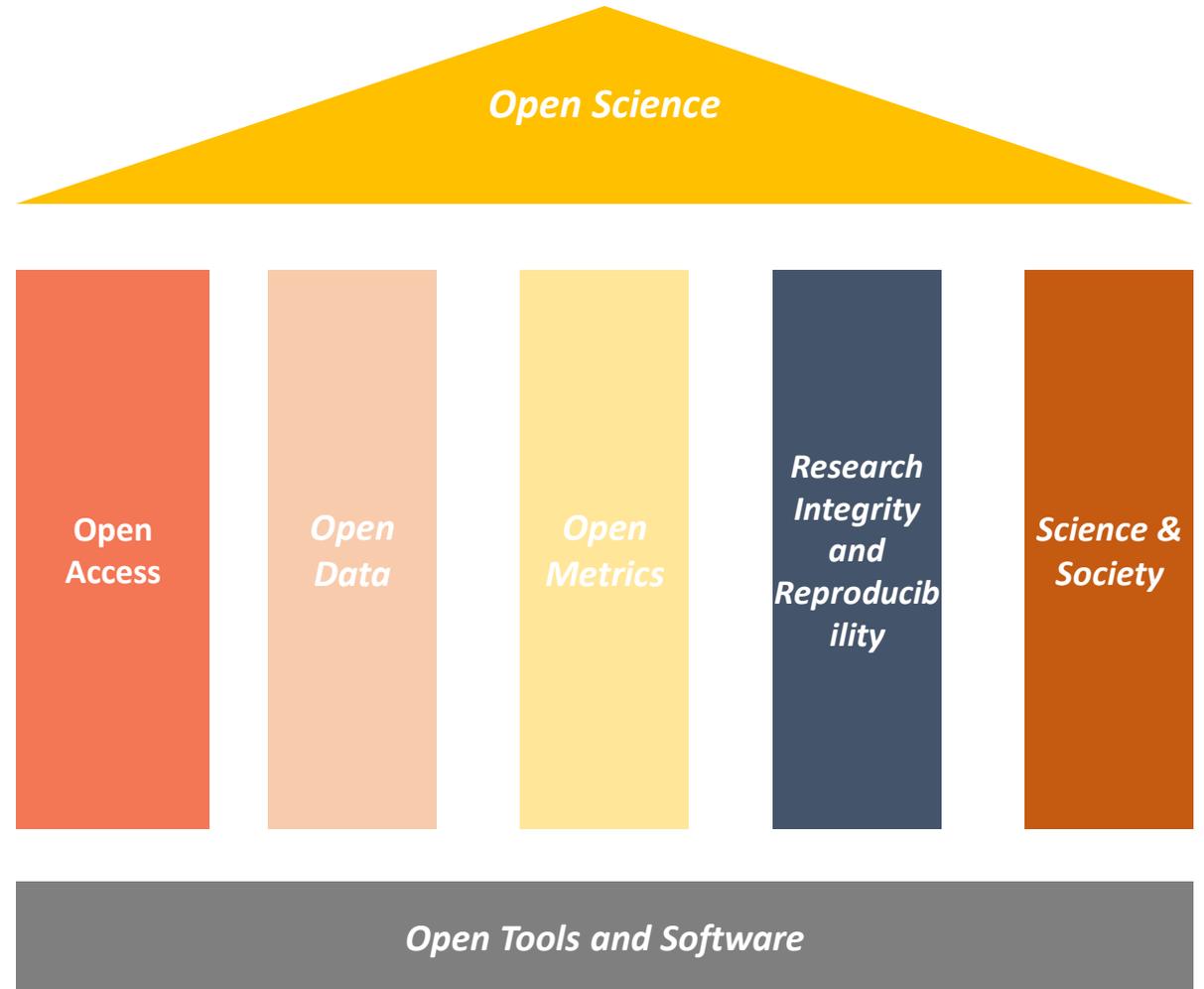
Scholarly Output in OA Publications in South Africa | 2016 to 2020, by amount of international, national and institutional collaboration



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	60.2%	25,111	307,998	12.3	2.01
Only national collaboration	11.9%	4,946	21,087	4.3	0.77
Only institutional collaboration	17.7%	7,399	29,883	4.0	0.76
Single authorship (no collaboration)	10.2%	4,248	9,889	2.3	0.82

Open Science and its supporting pillars

- Open Science describes a way of working which makes research more **inclusive**, more **collaborative** and more **transparent**.
- Elsevier partners with the research community to enable open science.
- We believe open science can benefit research and society and drive research performance.



Pillar 1: Open Access (1 of 4)

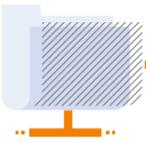
Gold open access at Elsevier

- Elsevier published 81,000 pay-to-publish gold open access articles in 2020
- Annual growth of 65% on the previous year
- Open access available across almost all 2,700 Elsevier journals, of which 600 are fully open access journals

All of our journals offer a free, green open access option. Every year, we actively make over **45,000** subscription articles available green open access - more than any other publisher.

100%

We make **open archives** available for **140 journals**, including Cell Press titles after 12 months.

 **140**
Journals

Pillar 1: Open Access (2 of 4)



National license agreement signed between Elsevier and Couperin, France

(28 Nov 2019) [Couperin](#), the French academic consortium for higher education and research and [Elsevier](#), a global information analytics business specializing in science and health, has signed a new national license agreement

swissuniversities and Elsevier Adopt a Pilot Agreement Combining Reading and Publishing

Norway and Elsevier agree on pilot national licence for research access and publishing

Amsterdam, April 23, 2019



THE NORWEGIAN
DIRECTORATE FOR ICT AND
JOINT SERVICES IN HIGHER
EDUCATION AND RESEARCH



Dutch research institutions
and Elsevier initiate national
Open Science partnership



CSU / Elsevier ScienceDirect Renewal Supports the Future of Research in California

This article was written by CSU Libraries on March 9th, 2020.

Pillar 1: Open Access (3 of 4)

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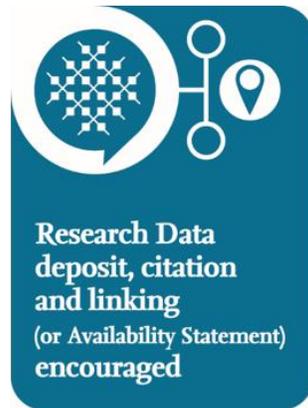
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Pillar 2: Open Data



<https://www.elsevier.com/authors/author-services/research-data/data-guidelines>



<https://cos.io/our-services/top-guidelines/>

Pillar 3: Open Metrics

International Center for the Study of Research

Advancing research evaluation in all fields of knowledge production.

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ICSR Lab
Access rich datasets on a powerful computational platform, free for research use

Our Mission

The mission of the **International Center for the Study of Research (ICSR)** is to further the study of research and thus to contribute to the evidence base supporting the practice of research strategy, evaluation and policy. Our vision is a world in which decisions informed by such evidence benefit research and society.

Pillar 4: Research Integrity and Reproducibility

Challenges:

- No common **definitions** across all fields
- Lack of **incentives** to conduct replications
- Researchers ambivalent about **sharing data**
- Methods lacking in transparency/rigor
- Difficult to **validate** reproducibility during peer review
- Insufficient rigour in **statistics**



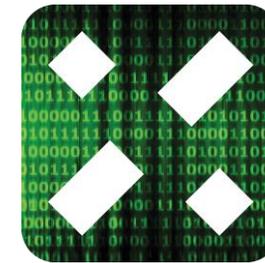
Data in Brief



MethodsX



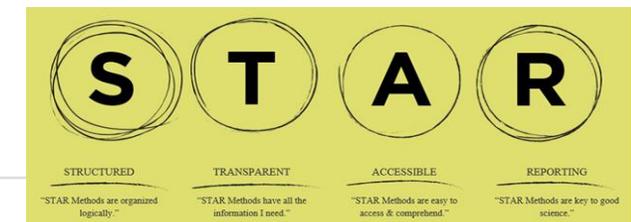
HardwareX



SoftwareX



Software Impacts



Pillar 5: Connecting Science and Society



We are partnering with non-profits, institutions and organizations to bring scientific outputs closer to citizens, increasing science literacy, and making information available where it is most needed.

- Access for disadvantaged **communities**
- **Patient** and **caregiver** access
- Access for **journalists**
- Access for **students**
- Access in times of need e.g. **Covid**

Pillar 6: Open Tools and software



A Unique Scholarly Collaboration Network

- 70M collaboration groups on Mendeley
- Signatory of STM principles on article sharing on SCNs
- Public metadata, links, lists
- Group sharing functionality
- Mendeley Stats

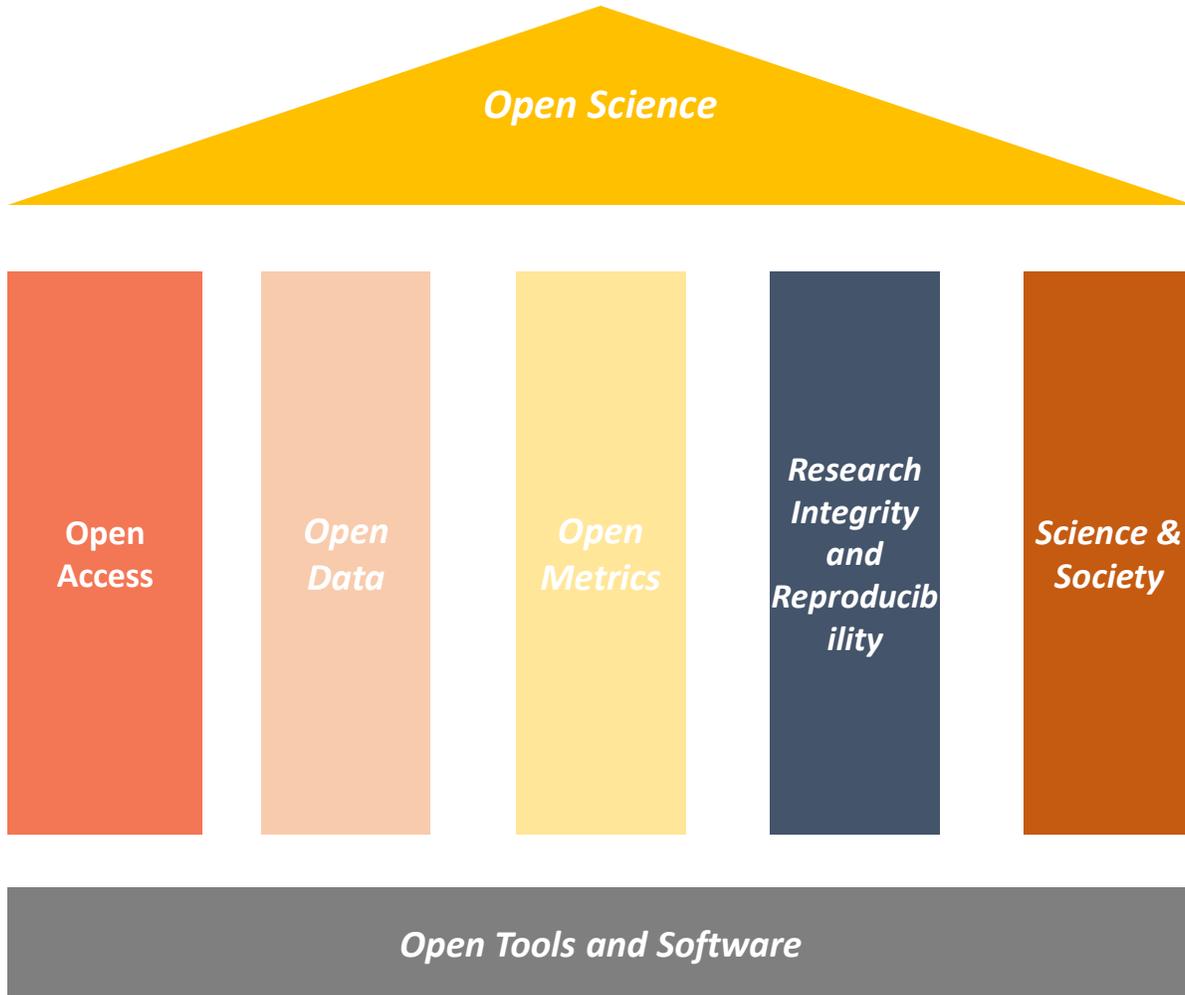
A promotional banner for Mendeley. The top half has an orange background with the Mendeley logo and a description of the service. Below the text are two buttons: "Contact sales" and "> Login to Mendeley". The bottom half of the banner features a blue background with a network diagram of white nodes and lines, and a decorative graphic of overlapping circles and lines in orange, grey, and white.

Mendeley[®]

Mendeley is a free reference manager and academic social network that can help you organize your research, collaborate with others online, and discover the latest research.

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The future: more inclusive, collaborative, transparent



- Open Science describes a way of working which makes research more **inclusive**, more **collaborative** and more **transparent**.
- There will be more options for researchers to **share** more kinds of research outputs than ever before.
- The bar will continue to be raised on **reproducibility**, as researchers increasingly share their methods and data and gain more complete insights into research performance.
- There will be more platforms and partnerships that facilitate **collaboration**. We will help bring other stakeholders, including the **public**, into the world of research.



Thank you

Any questions?

