



Open Source Platforms as a Foundation for Open Science

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About Hindawi Limited

We are an open access publisher of **231** journals across STEM and Medicine.

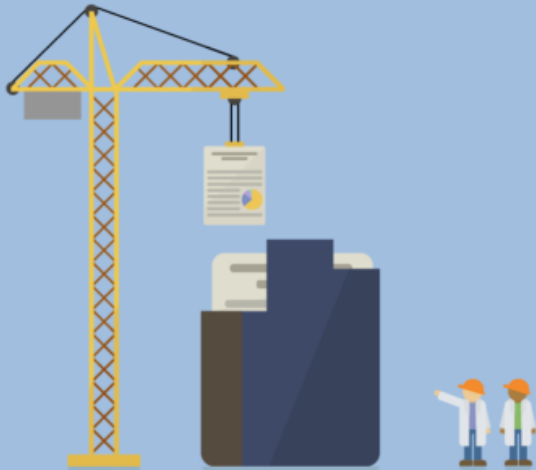
We were founded in **1997**. In **2007** we flipped our entire catalog to Gold OA.

We also build our own peer review, production, and content management platforms.



Two things that are mostly true

1. Authors do not care about the technology of publishing software.
1. Publishers benefit from network effects.



Why is this important?

“Everything we have gained by opening content and data will be under threat if we allow the enclosure of scholarly infrastructures.”

-Geoffrey Bilder, Jennifer Lin, Cameron Neylon

A healthy marketplace benefits from competition.



The value of open infrastructure

We don't believe authors, societies, or funders should be locked-in to a publisher.

We're committed to Open Infrastructure Principles:

- Open Source
- Open Data
- Open Integrations
- Open Contracts

In 2017, Hindawi began working with **Coko** to rebuild our platforms as open source projects.



Why Open Source?

Coko is the Collaborative Knowledge Foundation (<https://coko.foundation>), a community of like-minded publishers, presses, repositories, and developers.

Building as an open community, we:

- Control the development roadmap
- Collaborate to distribute costs
- Benefit from shared expertise
- Reduce variation and complexity
- Achieve Open Science goals
- Sell services, not systems





eLIFE

Building a multistage, cross-review process using **Pubsweet**



UNIVERSITY OF CALIFORNIA

Building an HTML-first, cross-review process using **Pubsweet**



Building a multistage, cross-review process for cross-review using **Pubsweet**

Building a single-blind peer review process using **Pubsweet**

How does the collaboration work?

- Non-profit governance
- Open roadmaps
- Inclusive community
- Sharing more than just code



Why does the collaboration work?

- We don't compete on technology
- We all benefit from network effects

What's next?

Extend beyond peer review to other stages of the research process.

Create a network of service providers to help organizations implement the technology.



We should Coko!

Coko Website

<https://coko.foundation/getting-started-with-coko/>

Pubsweet Codebase

<https://gitlab.coko.foundation>

Mattermost Community

<https://mattermost.coko.foundation>

Find us on Mattermost and
we'll show what we've been building.

