

Research integrity and publishing ethics:

A collective responsibility

Taiwan Customer Success



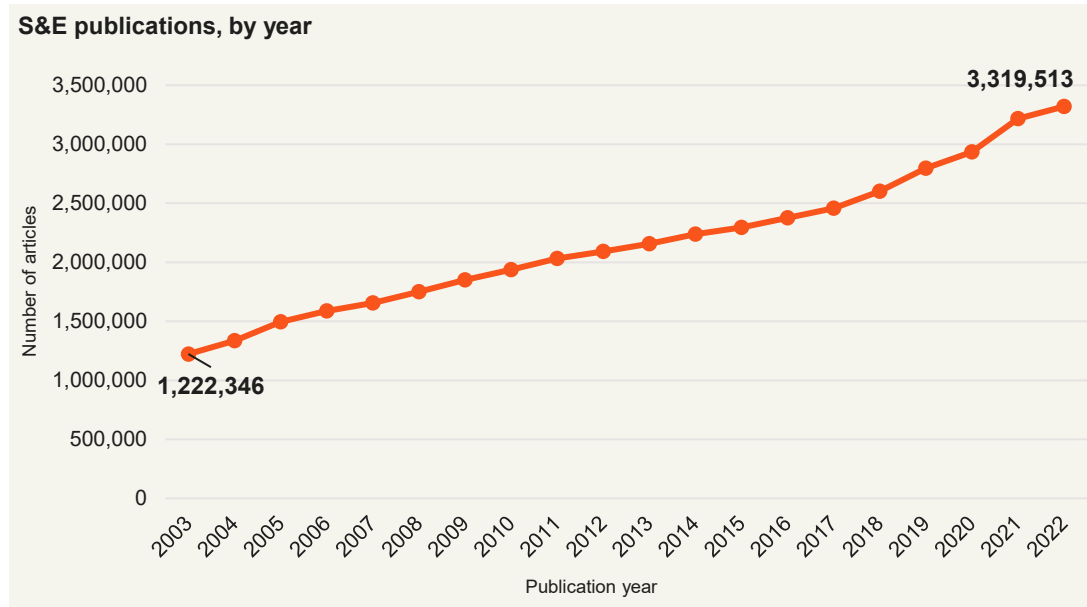
ELSEVIER



Advancing human progress together

Compromised research is a *growing challenge*

Global research output is rising at an unprecedented pace



Source: [National Science Board, Science & Engineering Indicators](#), data based on entries in Scopus®.

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Elsevier Proprietary and Confidential

Causes of compromised research:

- Flawed methodologies
- Systemic and structural challenges
- Fraudulent research



Upholding Research Integrity at *every stage*

Examples of unethical behavior throughout the research and publication process include:

	Conduct research	Organise and write	Submit to a journal	Peer Review
Author	❗ Fabrication of data; Ethical consents; Unreliable data or methodological flaws	❗ Plagiarism; Paper mills and fake authorship	❗ Submitting to multiple journals; Ghostwriting or incorrect attribution of credit; Conflicts of interest	
Reviewer				❗ Review comments copied from a template
Editor				❗ Peer review manipulation; Accepting manuscripts in exchange for money

Elsevier continues to invest in *protecting* research



Scaling expertise to *protect* research integrity



Human
oversight



Elsevier's **Research Integrity & Publishing Ethics Centre of Expertise** has grown to
100+ specialists
since 2019.



Our pre-publication, audit, and investigations specialists ensure
rigorous oversight
at every stage of publishing.



Innovative technology to *detect and prevent* misconduct



Technology

Pre-publication
screening



Post-publication
screening



Enabling data and systems



Person
Integrity



Authorship &
Manuscript



Review
Integrity



Editorial
Integrity



Reference
Integrity

We continuously
enhance our
toolkit with
feedback loops
and data analytics



Content built on standards, *delivered with integrity*



Rigorous
standards

Upholding integrity requires rigorous standards at every step.

Before Submission

- Author guidelines and COPE-aligned policies
- [Elsevier Researcher Academy](#) (free training modules)

At Submission

- Real-time screening
- CRediT author statement
- Declaration of Interest tool

During Peer Review

- Reviewer guidelines
- Editorial policy training
- Reviewer detection and validation tools

At Acceptance

- Final editorial checks
- Plagiarism and image duplication detection

Post- Publication

- Audit and investigations workflows
- Retraction and correction policies

Ongoing Oversight

- Institutional collaborations
- Shared guidance with STM/COPE/Unite d2Act
- Publishing Ethics Resource Kit ([PERK](#))

Stronger Together:

Industry-wide collaboration for integrity

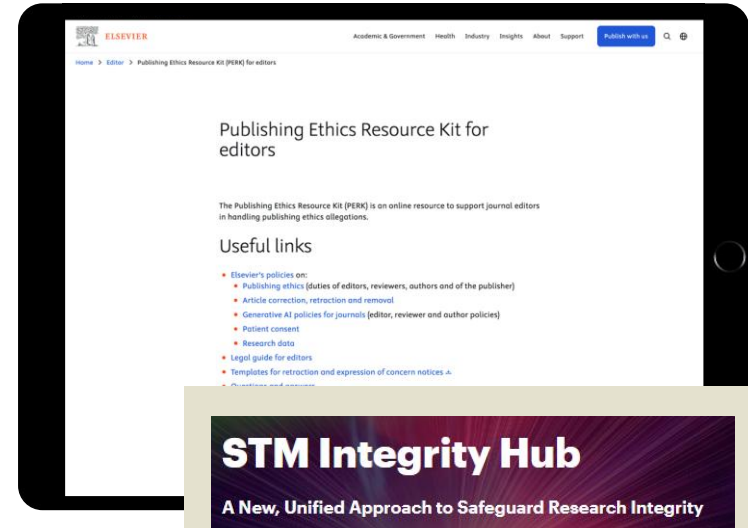


Collaboration

Upholding research integrity doesn't work in isolation – publishers must share information across systems and develop collaborative tools and services that empower our partners

Publisher collaborations:

- STM Integrity Hub
 - [Duplicate Submission Checker Tool](#)
- Committee on Publication Ethics (COPE)
- United2Act (STM/COPE collaboration)
- Free training modules and resource kits on publishing ethics for researchers and editors globally.



STM Integrity Hub

A New, Unified Approach to Safeguard Research Integrity

UNITED2ACT
AGAINST PAPER MILLS



Researcher Academy

Proof that the system *works* — at scale

Scale and selectivity:



- 4.2M submissions in 2025
- 795,000 peer-reviewed articles published
- Acceptance rate: 19%
- Submissions ↑11%/yr, Publications ↑7%/yr

Integrity in action:

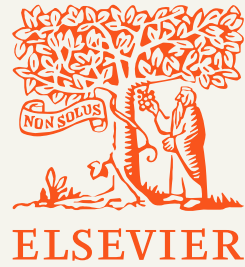


- 100% of flagged papers reviewed by experts
- 100+ integrity and ethics data points identified
- \$20M+ investment in integrity technology and teams

Trusted research:



- 2.9bn article accesses across journal platforms in 2025
- 37,000 editors and 1.9M expert reviewers worldwide
- Serving researchers in 180+ countries and regions



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