Publishing integrity - a proactive, collaborative approach

Louisa Flintoft, Senior Publishing Director, Wiley

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From cottage industry to industrial scale – and industry wide

Publisher slaps 60 papers in chemistry journal with expressions of concern

Physics publisher retracting nearly 500 likely paper mill papers

Hindawi reveals process for retracting more than 8,000 paper mill articles

More than 10,000 research papers were retracted in 2023 – a new record

Citation cartels help some mathematicians—and their universities—climb the rankings

The fight against fake-paper factories that churn out sham science

Online integrity hub will contain tools to help publishers combat bogus research and image manipulation.

By Richard Van Noorden
The consequences

- Contamination of the scholarly literature
- Damaged trust across academic research
- Undermining of public confidence
- Stifling of innovation
- Significant consequences for researchers, institutions, journals and publishers
An increasingly proactive approach

Reactive:
- Publishing based on trust and tradition
- Minimal identity checks for authors, reviewers, editors
- Susceptible to publication manipulation at scale
- Publishers working in silos
- Retraction as a ‘treatment’

Proactive:
- Deepening commitment to prevention
- Further closing gaps and vulnerabilities
- Using our systems to identify suspicious activity
- Scanning the horizon for the next threat
- Publishers working together
We’re not doing this work alone

Prevention

Screening Solutions & Education

Implementation

Transparent & Consistent Policy

Action

Investigations & Outcomes

Wiley

External Partners

A cross-publisher infrastructure

Best Practices & Industry Guidance

Stakeholder Engagement & Education
Collaboration is Critical

- A shared infrastructure that supports a collaborative approach to RI Screening
- Tools responsive to RI needs: Paper Mill checks; Duplicate Submission
- A space to coordinate industry-wide guidance and policy
- Sharing expertise
- Multi-stakeholder collaboration (publishers, librarians, RI sleuths, Editors)
- Focus on five key areas, prevention and awareness at the core
- Fostering collaboration; recommendations and guidance will naturally draw in diverse perspectives
- Additional and direct engagement with Research Integrity Sleuths
- Share what we know about our investigations and data
- Regular dialog, make reporting easier, and create opportunities for partnership
Thank You!