

WILEY

ENABLING DISCOVERY | POWERING EDUCATION | SHAPING WORKFORCES

Publishing integrity - a proactive, collaborative approach

Louisa Flintoft, Senior Publishing Director, Wiley

July 24, 2024



From cottage industry to industrial scale – and industry wide

SCIENCEINSIDER | SCIENTIFIC COMMUNITY

Russian site peddles paper authorship in reputable journals for up to \$5000 a pop

Advertisements promised adding names to articles that appeared in

nature

NEWS FEATURE | 23 March 2021

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

GH CHA

NEWS | 02 December 2022

Paper-mill detector put to the test in push to stamp out fake science

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

Holly Else

Physics publisher retracting nearly 500 likely paper mill papers

A physics publisher is retracting 494 papers after an investigation “indicated that some papers may have been created, manipulated, and/or sold by a commercial entity” – aka a paper mill.

JASIST
JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY

asis&t
Association for Information Science and Technology

RESEARCH ARTICLE | Open Access

Sneaked references: Fabricated reference metadata distort citation counts

Lonni Besançon Guillaume Cabanac Cyril Labbé Alexander Magazinov

First published: 06 May 2024 | <https://doi.org/10.1002/asi.24896>

Publisher slaps 60 papers in chemistry journal with expressions of concern

Elsevier chemistry journal has retracted more than 60 papers with expressions of concern amid an investigation.



1000-0000-0000

Chemosphere



SCIENCEINSIDER | SCIENTIFIC COMMUNITY

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

Widespread citation manipulation has led entire field of math to be excluded from influential top researchers

30 JAN 2024 • 3:30 PM ET • BY MICHELE CATANZARO

NEWS | 12 December 2023

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

The number of articles being retracted rose sharply this year. Integrity experts say that this is only the tip of the iceberg.

By [Richard Van Noorden](#)

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

Over the past year, amid announcements of thousands of retractions, journal closures and a major index delisting several titles, executives at the troubled publisher Hindawi have at various times mentioned a “new retraction process” for investigat-



Hindawi

WILEY

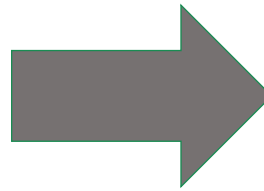
The consequences

- **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

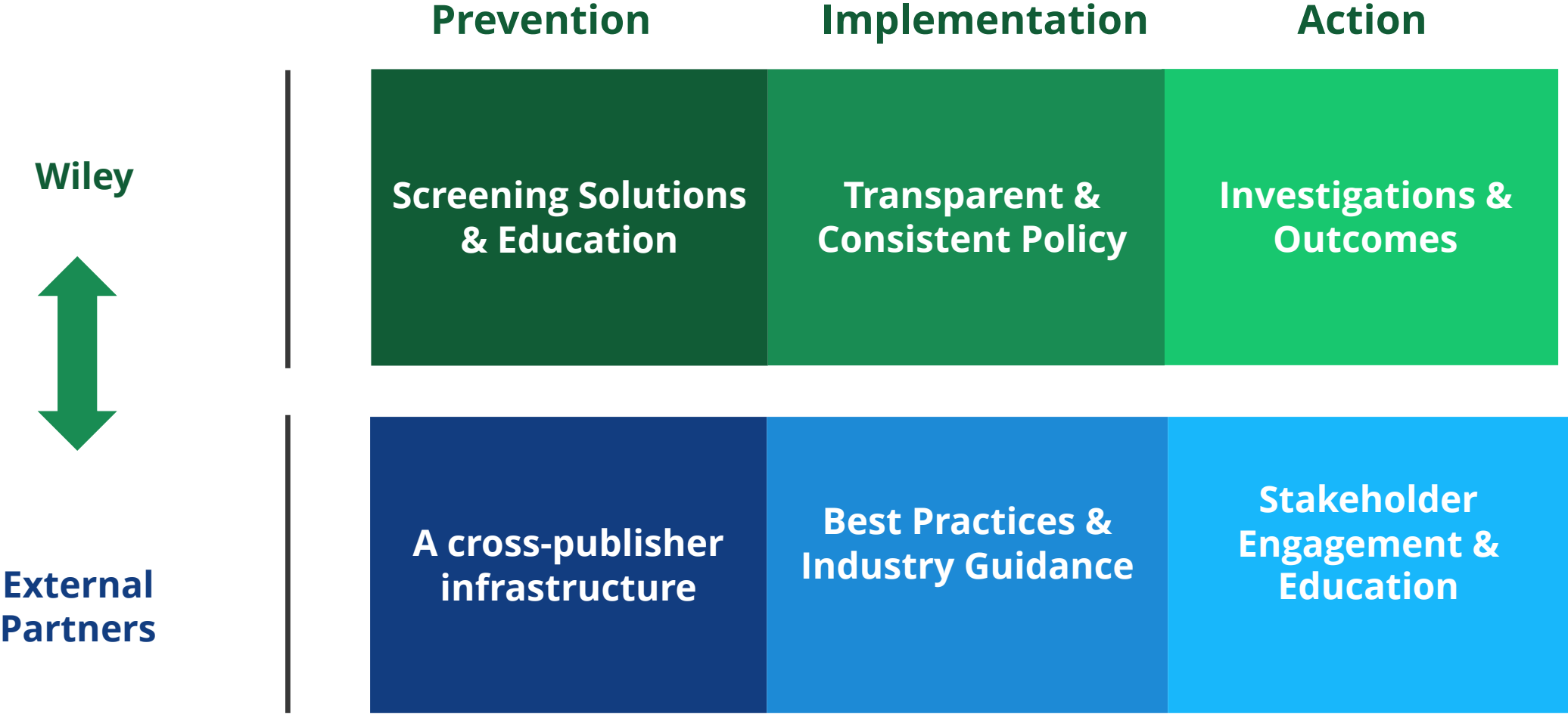
Researcher misconduct,
potential paper mills

Machine-generated
content

Submission
quality



We're not doing this work alone



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

WILEY

ENABLING DISCOVERY | POWERING EDUCATION | SHAPING WORKFORCES



Thank You!