

Research Security and the Impact of AI

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Polluted Information River



How does this happen?

1. Authorship for sale
2. Citation cartels
3. Peer review manipulation
4. Bribing editors
5. Ideological alignment among authors and funders
6. Not disclosing conflicts of interest
7. Many, many, more

Mischievous Motivations

1. Individual Gains
2. Ideological Promotion
3. Geopolitical

Threats to Research

The **fabrication of**
'research-like' content
undermining our shared ability to
recognise fact from fiction.

The effortless **fabrication of 'research-like' content** undermining our shared ability to recognise fact from fiction.

Individual Cleanup



Coordinated Cleanup and Monitoring



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An academic turned entrepreneur, she founded Ripeta in 2017 to improve by developing Trust Markers. Now at Digital Science, she works globally to improve research quality, integrity, and security through developing the forensic scientometrics discipline. Dr. McIntosh's work was the most-read [Retraction Watch post of 2022](#). In 2023, her influential ideas on achieving equity in research were highlighted in the [Guardian](#) and [Science](#).

