

CASPA

Publication ethics trends

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Research ethics

Narrow view

- Fabrication
- Falsification
- Plagiarism
- Unethical research

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Broader view

- Questionable practices
- Publication bias
- Authorship problems

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Really broad view

- Replicability
- Data sharing
- Trial registration
- Reporting quality

Shift from

Research misconduct ➔ *Research integrity*

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Publication ethics

Old focus

- Author misconduct
- Reviewer misconduct
- ?Editor misconduct

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New focus

- Business ethics
- Publishing models
- Academic incentives



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- Editor-centric view ➔ • Author and reader-centric view



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Editors (supported by publishers) still need to:

- **Prevent** misconduct / promote good practice (e.g. by having clear instructions)
- **Detect** misconduct (e.g. screening for plagiarism)
- **Respond** to suspected misconduct (e.g. call for investigation)
- **Retract** proven misconduct


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CASPA Also need to respond to new types of misconduct:


- 'Fake' peer review (authors reviewing own work)
- Image manipulation

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CASPA More focus on business



- Questions about publishers' profits
- Discussion about business models
- Concern about predatory publishers



Publishers	
Year	Number of publishers
2011	18
2012	23
2013	225
2014	477
2015	693
2016	923

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CASPA Discussion about causes

- Academic reward systems (& use of metrics)
- Problems with Impact Factors (response, eg DORA)
- Role of institutions (data storage, repositories, OA policies)
- Role of funders (OA policies, trial registration, publication bias)

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CASPA Growing recognition

- Poorly done research is unethical
- Lack of replicability
- Concern about waste in research





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CASPA Growing recognition

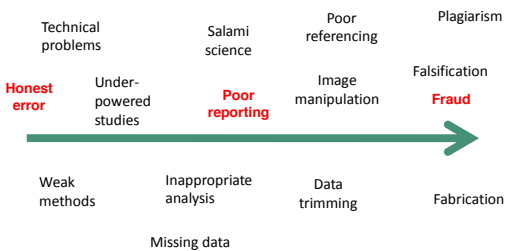
- Poorly reported (or unreported) research is unethical

(especially in medicine)

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CASPA Good research conduct and misconduct are a spectrum



Technical problems | Salami science | Poor referencing | Plagiarism

Honest error | Under-powered studies | Poor reporting | Image manipulation | Falsification | Fraud

Weak methods | Inappropriate analysis | Data trimming | Fabrication

Missing data

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CASPA Maybe "publishing ethics" / business ethics is a spectrum?

Non-profit "Reasonable" profits "Excessive" profits

Full OA Hybrid OA Pay wall

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CASPA How do you define a predatory journal?

Transparent info e.g. APC	Confusing info e.g. APC	Misleading info e.g. APC
Rigorous peer review	Light peer review	No peer review
High investment in copy editing / quality control	Modest investment in copy editing / quality control	No copy editing / quality control
Appropriate marketing		Inappropriate marketing / spam

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CASPA How to balance?

Needs / desires

Readers	Quality of review	Selectivity	Open Access	Copy editing / quality control
Authors	Speed of review	Prestige	Low / no APC	
Peer reviewers	Ease of review	High acceptance		
Journal owners			Profit / sustainability	

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CASPA Conclusions

- Publication ethics isn't only about author misconduct (although that is still important)
- Publication ethics now includes publishing business ethics
- How much should journals invest in screening / training / quality control?
- Need to consider the role of journals / publishers in the publication 'ecosystem'

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