

Publication ethics: the last 20 years

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Life in 1997-8

(in case you can't remember)

- Tony Blair becomes UK Prime Minister
- Clinton denies Lewinsky affair
- Hong Kong returned to Chinese rule
- Princess Diana dies
- 1st Harry Potter book published

Didn't exist yet:

- Google (1998)
- iTunes (2001)
- Facebook (2004)
- YouTube (2005)
- Twitter (2006)

This was the
latest mobile
phone →

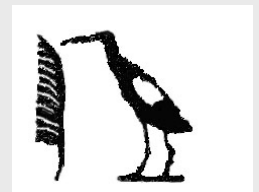




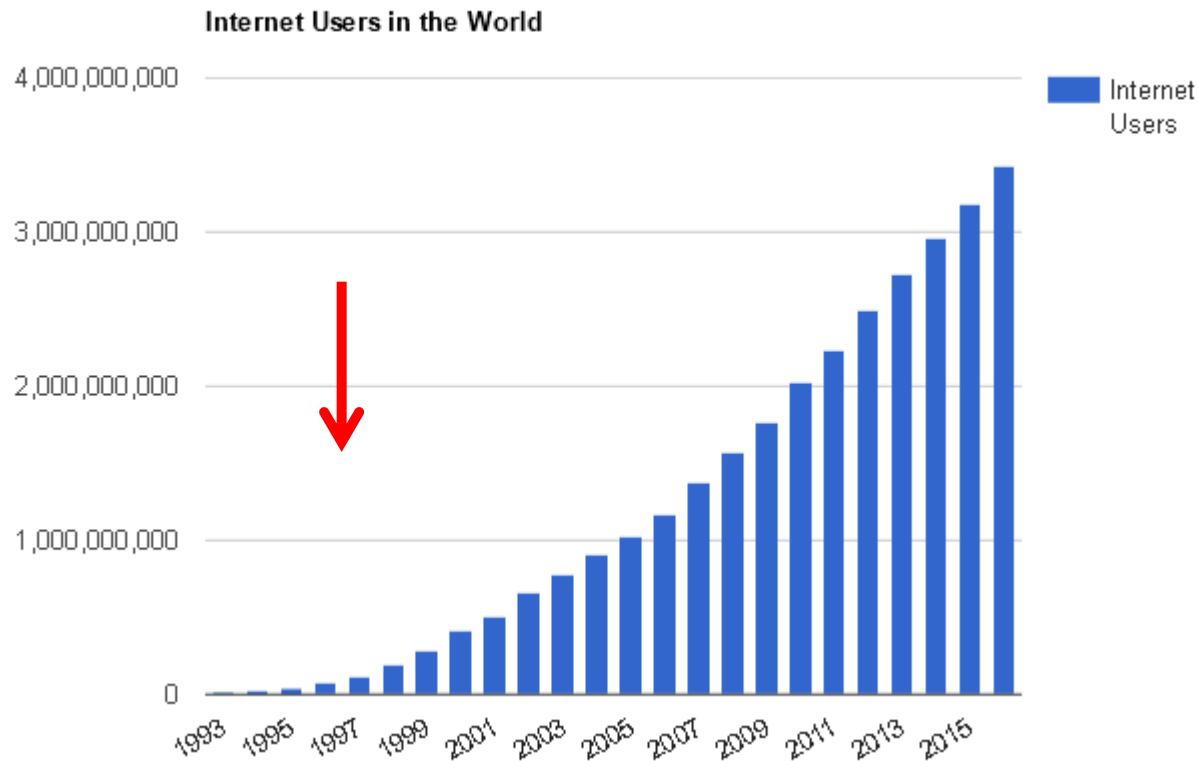
COPE founded



- 1st meeting, April 1997
- Michael Farthing (*Gut*) with editors from *BMJ*, *The Lancet*, *Brit Jnl Anaesthesia*, *J Bone & Joint Surgery*, *Annals of Rheum Dis*, *J Clin Pathology*



The world has changed ...

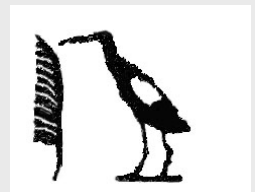


World
population
internet access

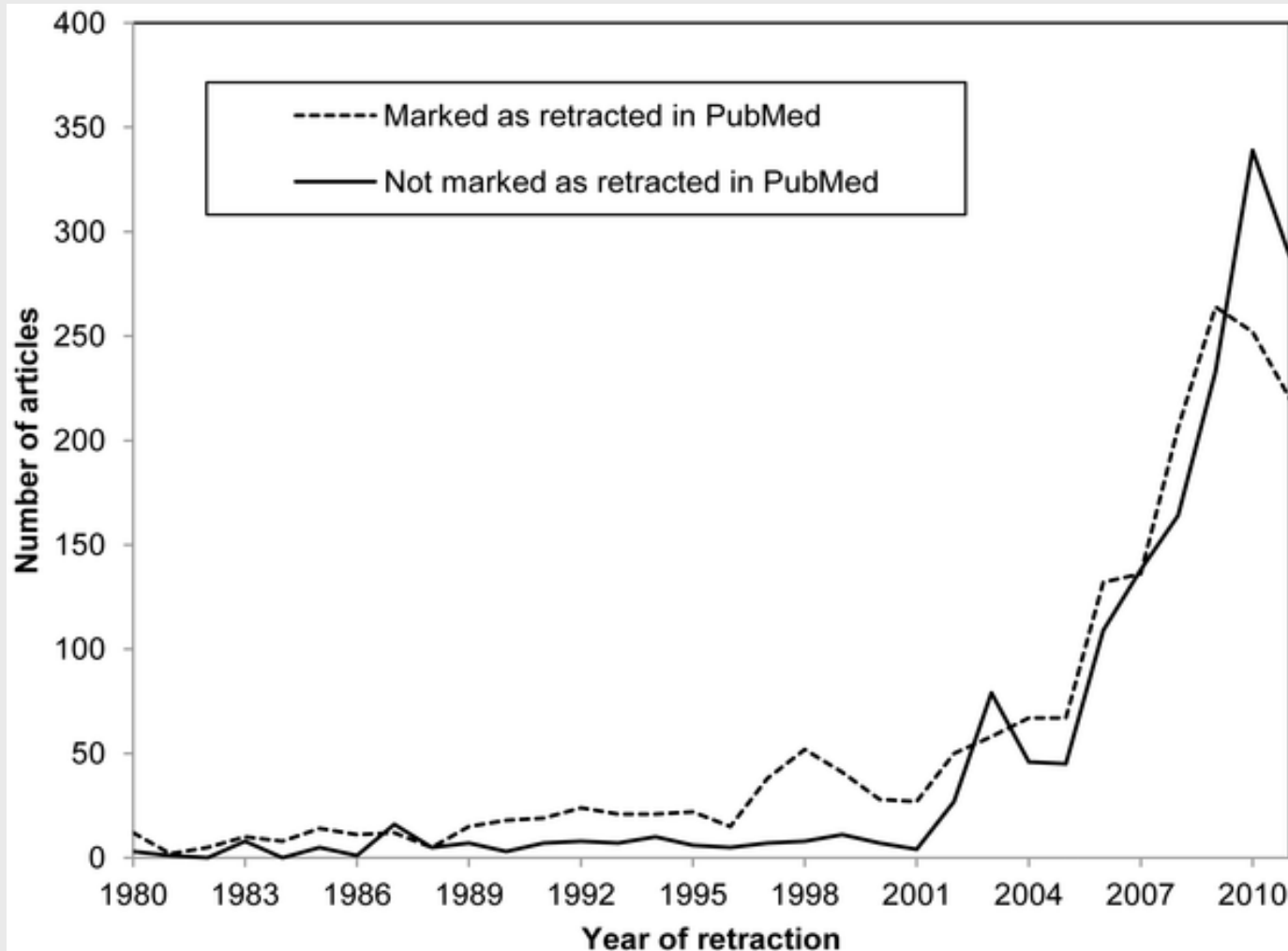
<1% in 1995

Now 40%

Source: Internet Live Stats
<http://www.internetlivestats.com/internet-users/>

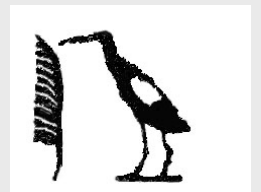


Increase in retractions

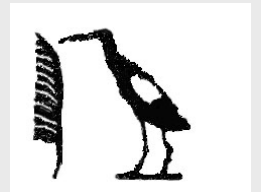
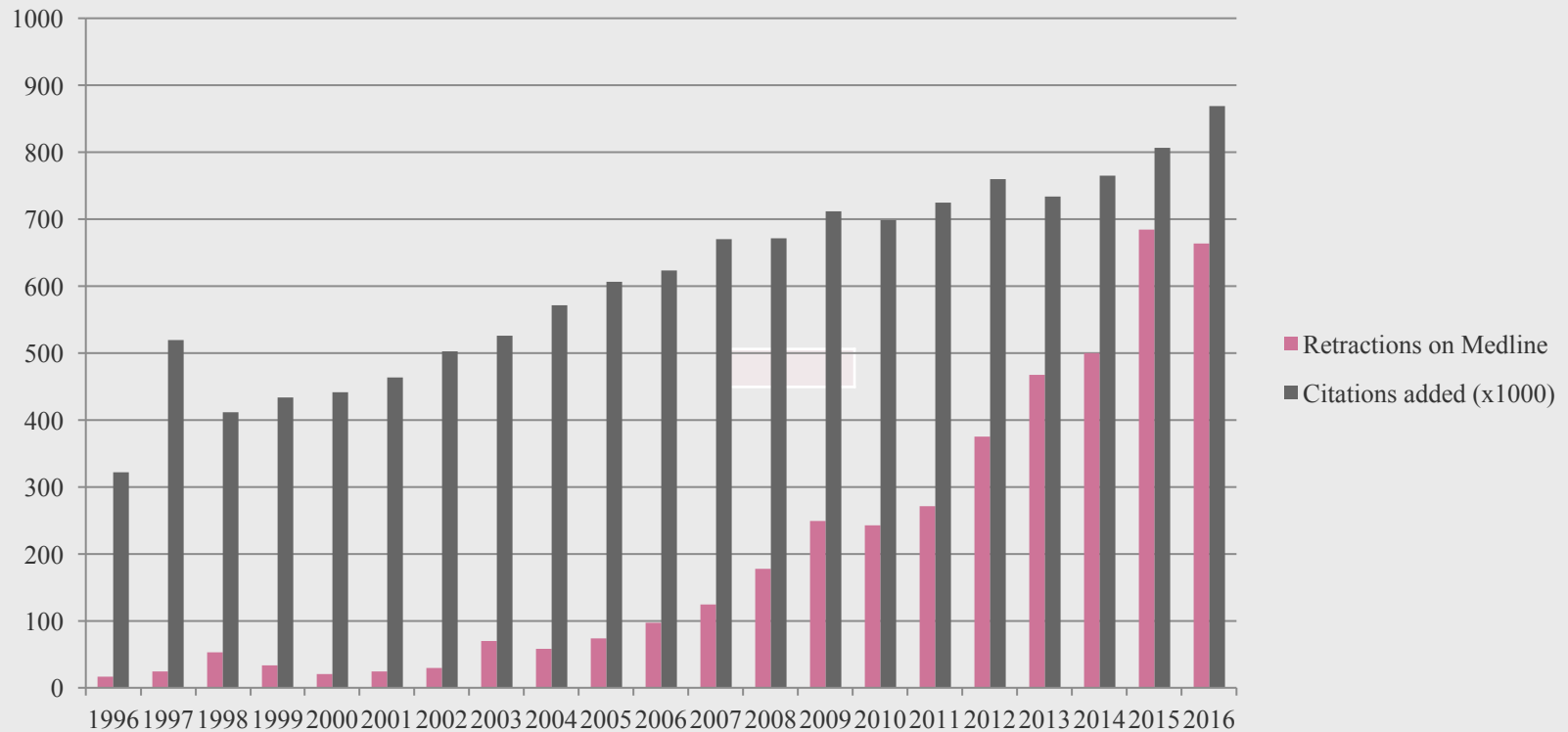


Scope of “non-PubMed” retracted articles

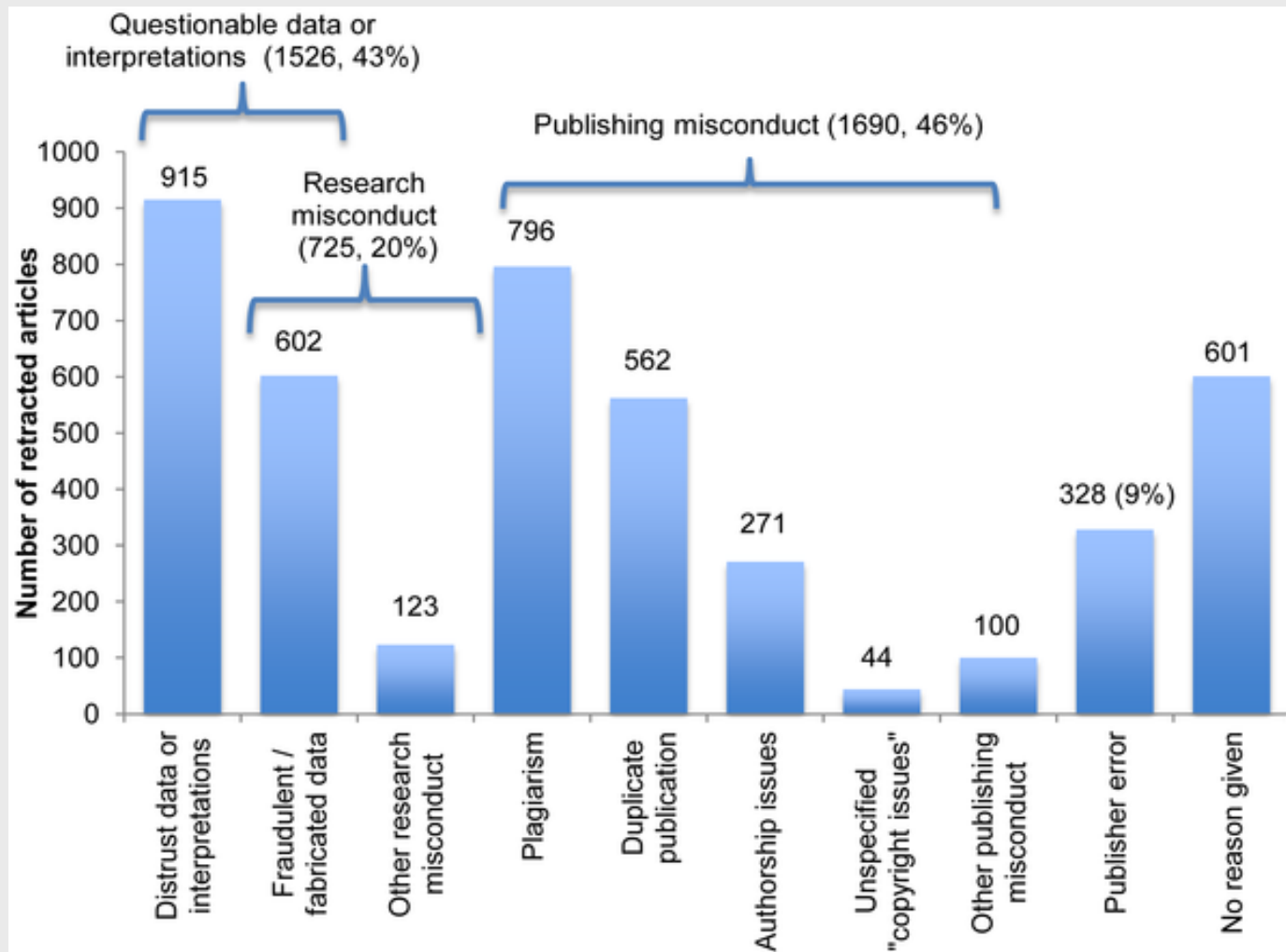
Grieneisen ML, Zhang M (2012) A Comprehensive Survey of Retracted Articles from the Scholarly Literature. PLOS ONE 7(10): e44118. <https://doi.org/10.1371/journal.pone.0044118>



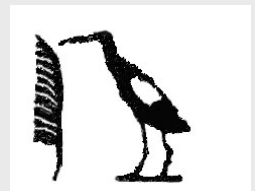
Medline retractions



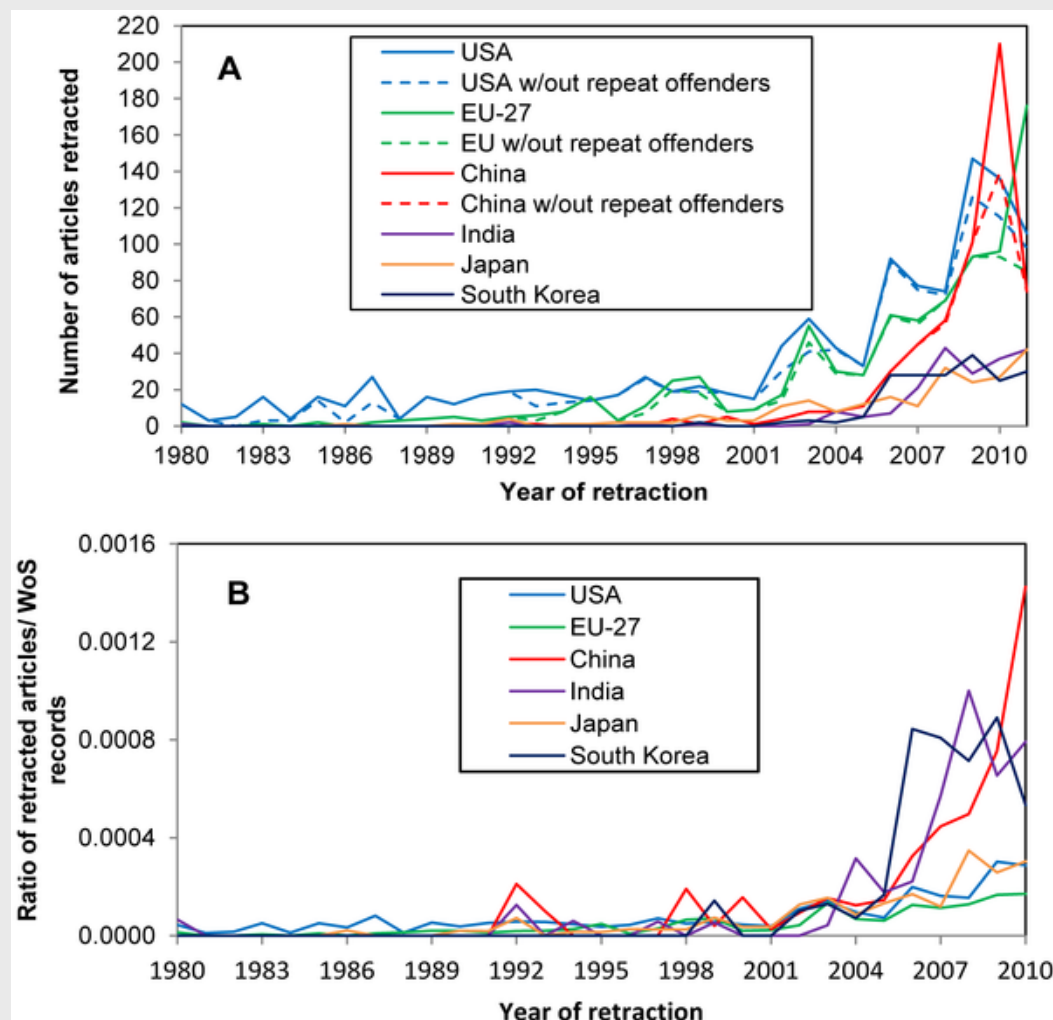
Justifications for retraction stated in the notices consulted, which accounted for 4,232 retracted articles



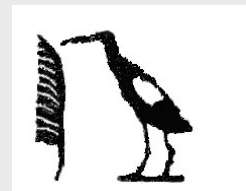
Grieneisen ML, Zhang M (2012) A Comprehensive Survey of Retracted Articles from the Scholarly Literature. PLOS ONE 7(10): e44118. <https://doi.org/10.1371/journal.pone.0044118>



Yearly distribution of retracted articles based on author affiliation countries

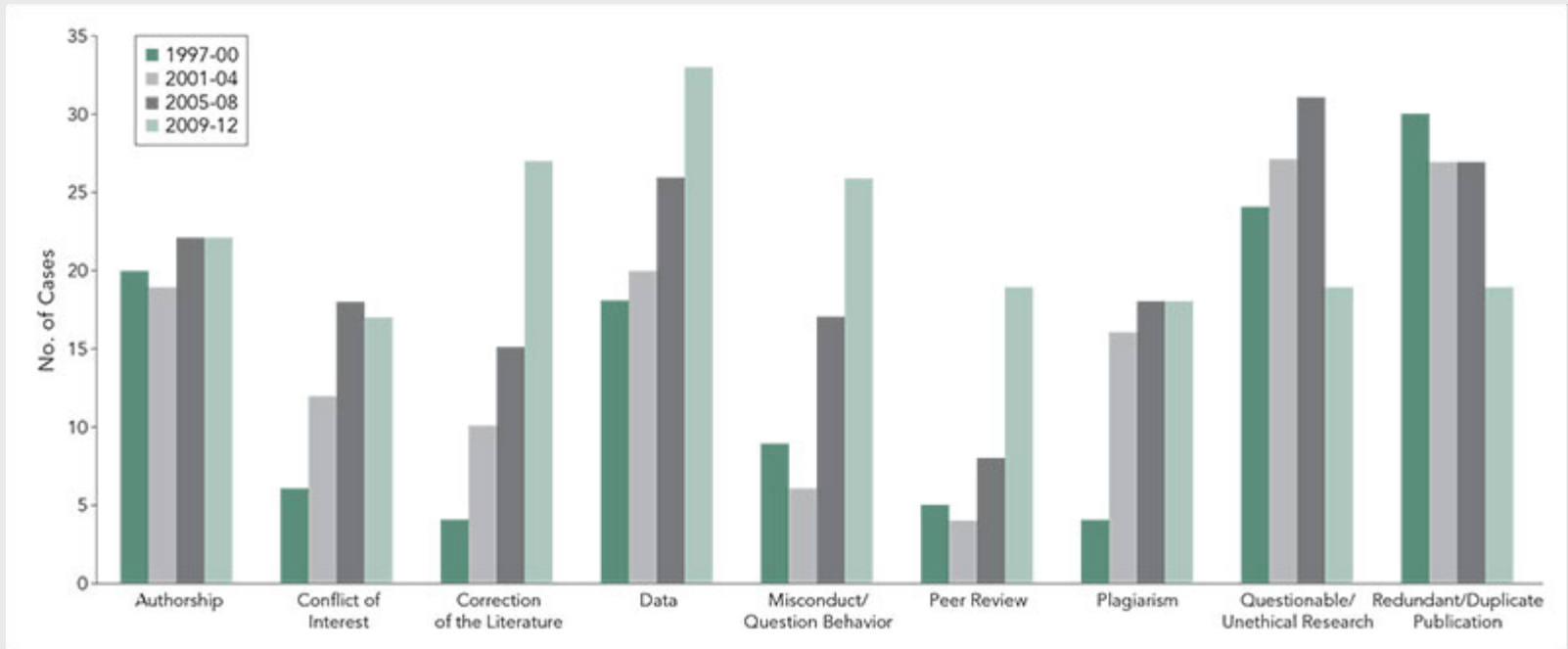


Grieneisen ML, Zhang M (2012) A Comprehensive Survey of Retracted Articles from the Scholarly Literature. PLOS ONE 7(10): e44118. <https://doi.org/10.1371/journal.pone.0044118>

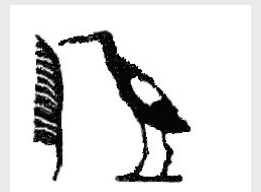


What are editors worried about?

COPE case topics over time



Irene Hames *et al*, Peer Review Congress, 2013



New types of misconduct

1. Image manipulation
2. Fake peer review
3. Predatory journals

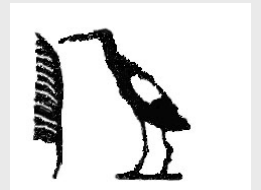
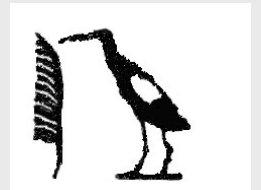
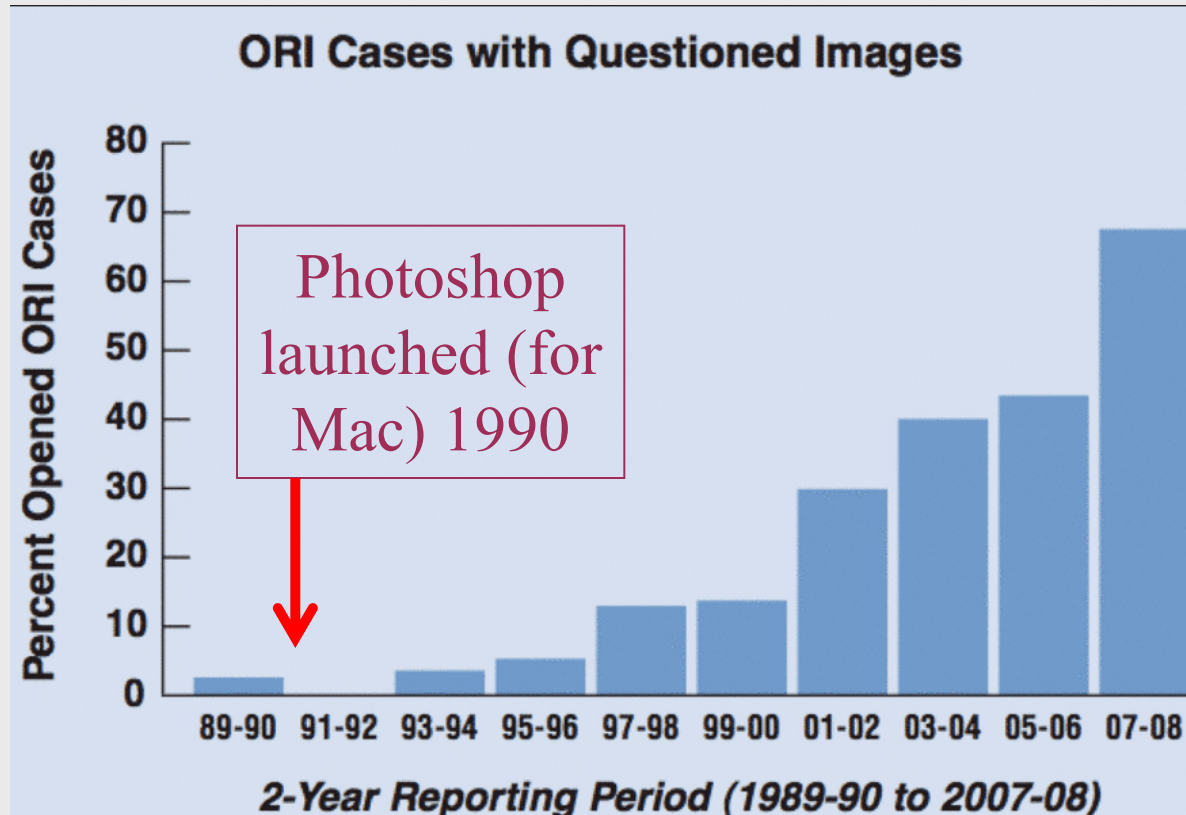


Image manipulation



1st COPE case in 2012

Compromised peer review (unpublished)

CASE NUMBER: 12-16

YEAR: 2012

RESOLUTION: Case Closed

It was determined that the **reviewer** suggestions were **faked**, a previous publication by the same **'fake' reviewers** was identified. Following the recommendations of COPE reg: case ... **reviewers'** reports indicating very high interest. At that point the manuscript had

Fake peer review

Elsevier retracting nine papers for fake peer review

with 9 comments

The fake peer review retraction count continues to mount.

Elsevier is retracting nine papers from five journals because fake email addresses for reviewers were provided during submission of the original manuscripts. According to a statement from the publisher:



64 more papers retracted for fake reviews, this time from Springer journals

with 7 comments

This is officially becoming a trend: Springer is pulling another 64 articles from 10 journals after finding evidence of faked peer reviews, bringing the [total number of retractions from the phenomenon](#) north of 230.



In more faked peer review news... 10 papers pulled by Hindawi

with 7 comments

Guess what? We've got more cases of fraudulent peer review to report — our [second post of the day on the subject, in fact](#). In the latest news, Hindawi Publishing Corporation has retracted 10 papers for "fraudulent review reports," after an [investigation of more than 30 papers that had been flagged this summer](#).

The investigation found that author [Jason Lung](#), a computer engineer at Yeungnam University in Korea, "was involved in submitting the fraudulent review reports" for four of the retracted papers, according to the publisher's CEO. In the case of the other six, the authors didn't appear to be involved.



17 retractions from SAGE journals bring total fake peer review count to 250

without comments

On Monday, we reported on [64 new retractions from Springer journals](#) resulting from fake peer reviews. Yesterday, SAGE — which [retracted 60 papers for the same reason just over a year ago](#) — added 17 additional retractions to their list.



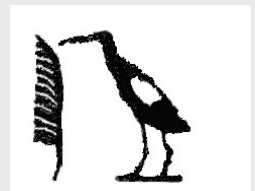
Springer, BMC retracting nearly 60 papers for fake reviews and other issues

with 3 comments

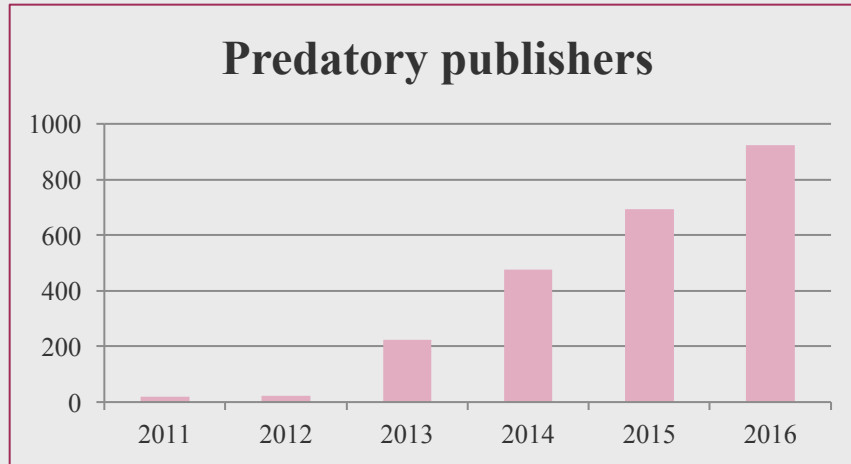
A new record: Major publisher retracting more than 100 studies from cancer journal over fake peer reviews

with 16 comments

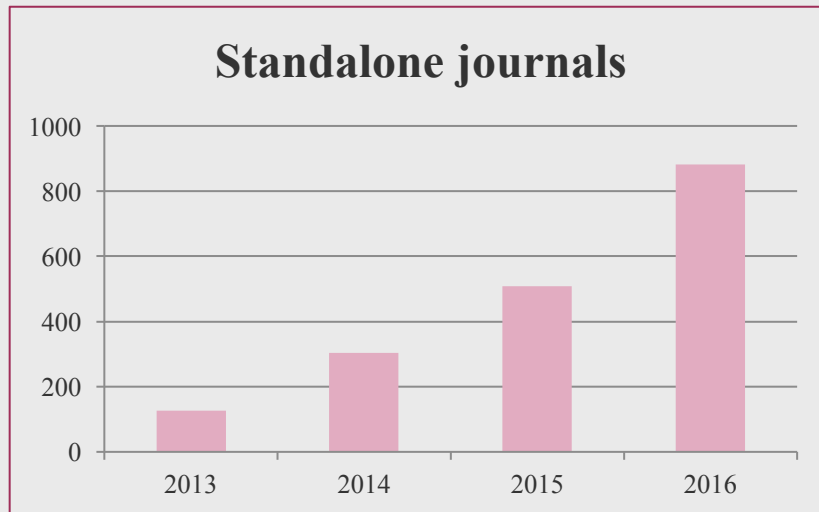
Springer is [retracting 107 papers](#) from one journal after discovering they had been accepted with fake peer reviews. Yes, 107.



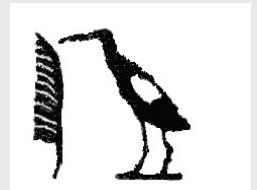
Growth of predatory publishers



Rapid growth of probable predatory publishers charted by Beall's list (923 companies in 2016)



<https://scholarlyoa.com/2016/01/05/bealls-list-of-predatory-publishers-2016/>



More media coverage



Forbes ▾

Why Thousands Of Men Like JPMorgan CEO... +999,303 views in last 24 hours ▾

PHARMA & HEALTHCARE 3/13/2012 @ 11:06AM | 1,275 views

Prominent Japanese Cardiologist Accused of Scientific Misconduct

+ Comment Now + Follow Comments



Following accusations by independent bloggers in Japan and Germany, the American Heart Association (AHA) has issued an [Expression of Concern](#) about five papers published in AHA journals co-authored by [Hiroaki Matsubara](#), a prominent cardiologist and researcher at Kyoto Prefectural University in Japan. In addition to his many papers exploring the basic science of the renin-angiotensin system, Matsubara was the chief investigator of [the KYOTO HEART Study](#), a randomized, open-labeled study studying the add-on effect of valsartan to conventional therapy in high-risk hypertension.



Share

and blogs / social networks

PubPeer
launched
2012

PubPeer Blog Recent Featured Journals About FAQ MyPubPeer Login Search public

Peer > Nature

Stimulus-triggered fate conversion of somatic cells into pluripotency"
Shiroko Obokata, Teruhiko Wakayama, Yoshiki Sasai, Koji Kojima, Martin P. Vacanti, Hitoshi Niwa, Masayuki Yamato, Charles A. Vacanti, Nature (2014)

Comments (127): Sort By: Recent

Peer 1: (January 29th, 2014 8:21pm UTC)

log:
[2014/01/review-of-obokata-stress-reprogramming-nature-papers/](https://pubpeer.com/public?id/2014/01/review-of-obokata-stress-reprogramming-nature-papers/)

...ting the cells over the head with a sledgehammer of a pH 5.7
...re typically thought of as around 7.4), they report the blood cells of 1-week
...ression of an Oct-GFP reporter as they floated around in clusters in the

→ Go to Article PDF

★ Get alerts for new activity

57166
views

✉ Invite others to the conversation

SCIENCEINSIDER

Breaking news and analysis from the world of science policy

Whistleblower Uses YouTube to Assert Claims of Scientific Misconduct



By Dennis Normile | 25 January 2012 10:58 am | 1 Comment

An anonymous whistleblower has created a YouTube video that details alleged duplication of images by a prominent Japanese scientist.

log:
[2014/01/review-of-obokata-stress-reprogramming-nature-papers/](https://pubpeer.com/public?id/2014/01/review-of-obokata-stress-reprogramming-nature-papers/)

...ting the cells over the head with a sledgehammer of a pH 5.7
...re typically thought of as around 7.4), they report the blood cells of 1-week
...ression of an Oct-GFP reporter as they floated around in clusters in the

BioMed Central blog

Free Internet based paraphrasing tools: further threats to academic integrity

Retraction Watch

Search Results

Tokyo panel calls for retraction of 43 Kato papers

with 7 comments

The University of Tokyo panel investigating the work of a former professor there, [Shigeaki Kato](#), has recommended the retraction of 43 of his group's articles, according to a report in the *Asahi Shimbun* newspaper.



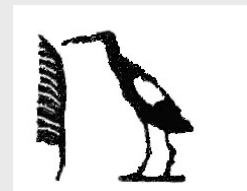
Retraction
Watch
launched
2010



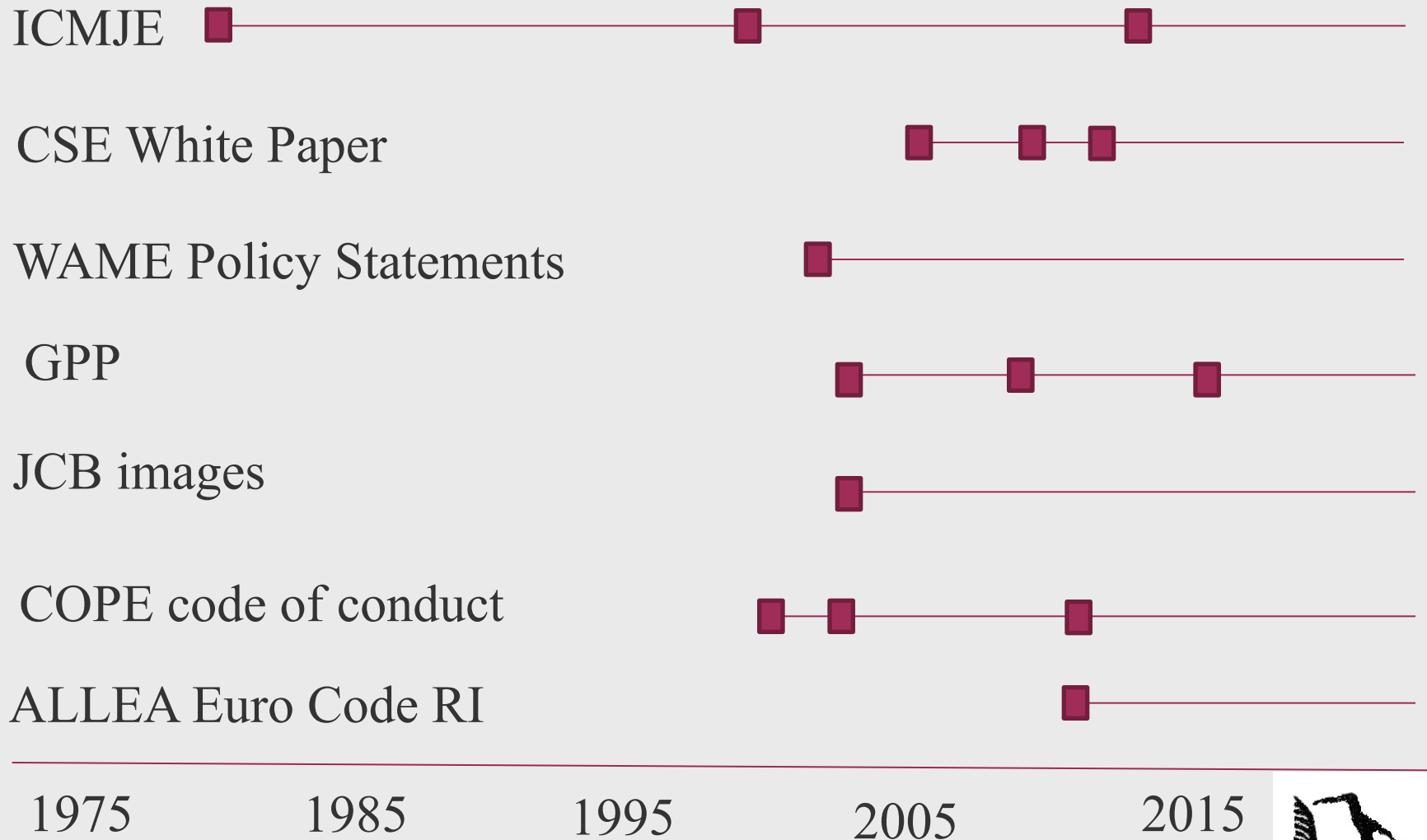
New detection tools

- JCB image guidelines (2004)
- ORI “forensic droplets”
- CrossCheck (now CrossRef Similarity Check) launched 2008

A VITAL BRANCH OF BRITAIN'S TERRITORIAL ARMY
9 DIVISIONS - WITH MODERN EQUIPMENT



Publication guidelines



World Conferences on Research Integrity

- 2007 – Lisbon
- 2010 – Singapore
- 2013 – Montreal
- 2015 – Rio de Janeiro
- 2017 – Amsterdam



Montreal Statement



We are not alone ...

Many editors
organizations



2007



2008

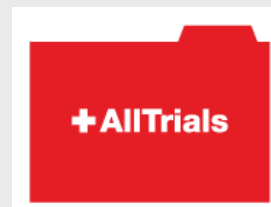
Similarity Check



2008



2012

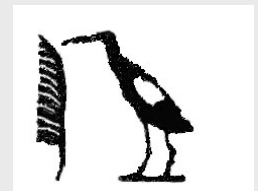


2013



The Reward Alliance

2014



Search: publication ethics

Google

publication ethics

All News Images Shopping Videos More Settings Tools

About 20,000,000 results (0.89 seconds)


Scholarly articles for publication ethics

Best practice guidelines on **publication ethics**: a ... - [Graf](#) - Cited by 165
... editors' views on **publication ethics**: results of an ... - [Wager](#) - Cited by 134
Publication ethics and the ghost management of ... - [Sismondo](#) - Cited by 72

Committee on Publication Ethics: COPE | Promoting integrity in ...

<https://publicationethics.org/> ▼
COPE is a forum for editors and publishers of peer reviewed journals to discuss all aspects of **publication ethics**. It also advises editors on how to handle cases ...
[About COPE](#) · [Resources](#) · [Guidelines](#) · [Become a member](#)

Publication Ethics (@COPE) · Twitter

<https://twitter.com/COPE> 

Tomorrow is the last day you can register for @COPE European Forum. See full programme and register here ow.ly/Qp5b30bwQOW #COPE2017
1 hour ago · [Twitter](#)

'Publication ethics and institutions'. @COPE European Forum. Register today ow.ly/7nQM30bwPvR #COPE2017
6 hours ago · [Twitter](#)

Article on PMC: Gender bias in scholarly peer review ow.ly/eFte30bwNI0
23 hours ago · [Twitter](#)

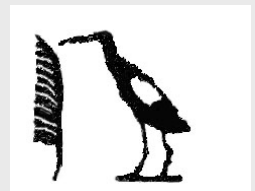
Guidelines | Committee on Publication Ethics: COPE

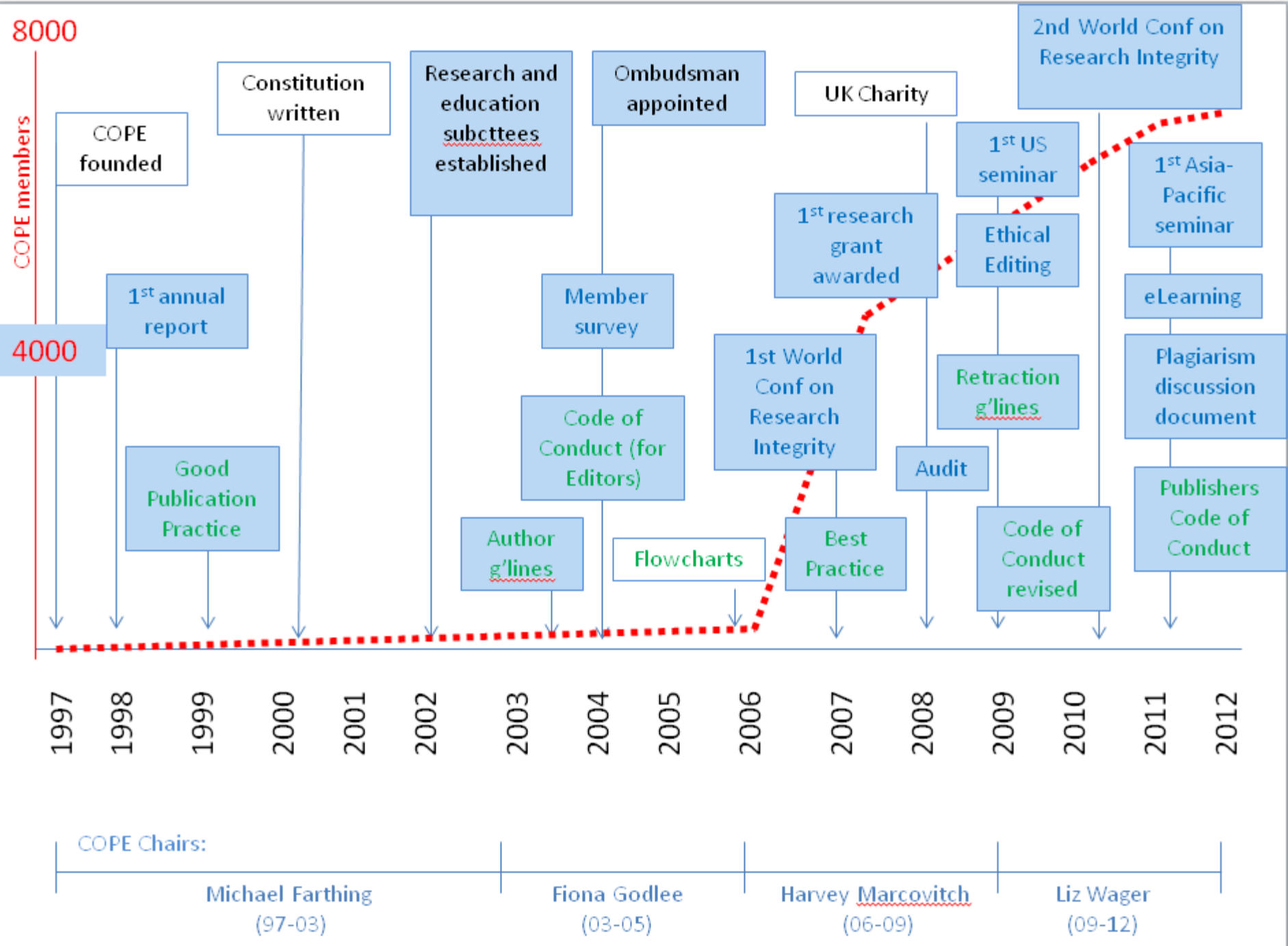
<https://publicationethics.org/resources/guidelines> ▼
COPE is just one of a number of organisations that is seeing a large rise in applications for membership from new journals. Although we very much want to ...

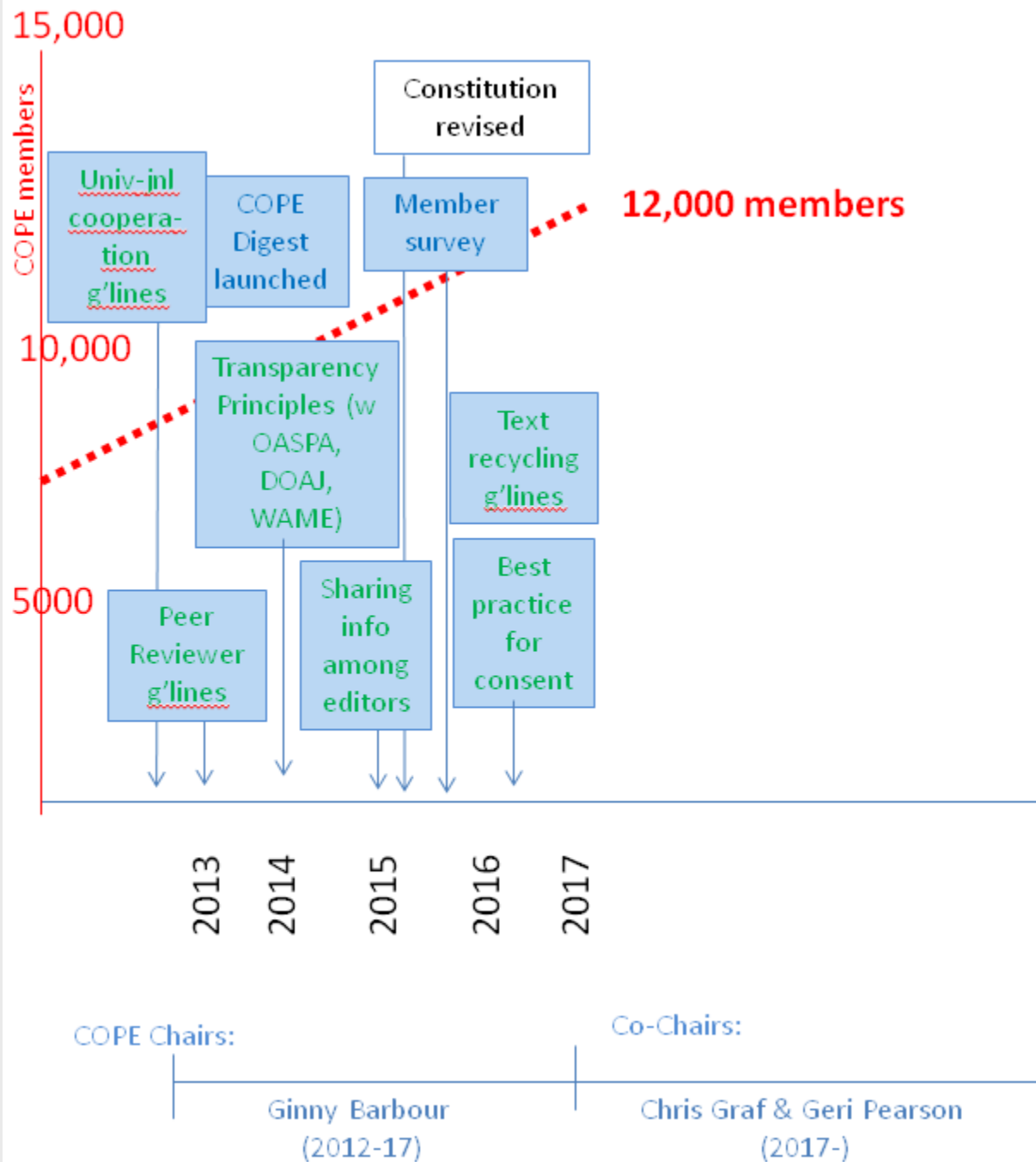
Flowcharts | Committee on Publication Ethics: COPE

<https://publicationethics.org/resources/flowcharts> ▼
The flowcharts are designed to help editors follow COPE's Code of Conduct and implement its advice when faced with cases of suspected misconduct and have ...

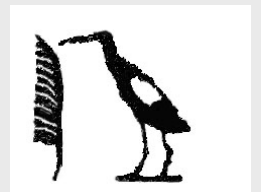
Resources | Committee on Publication Ethics: COPE







COPE has made a big impact since 1997



*“COPE may not prove useful in the long term, and we will be **delighted** if it is **made unnecessary** because the international profession produces an adequate response to research misconduct”*

Richard Smith (COPE co-founder)

COPE's not unnecessary yet ...
Many happy returns!

