



THE DARK SIDE OF ACADEMIC PUBLISHING: REPORTING FAKE PAPERS

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News | Published: 20 April 2005

Computer conference welcomes gobbledegook paper

[Philip Ball](#)

[Nature](#) **434**, 946 (2005) | [Cite this article](#)

<https://www.nature.com/articles/nature03653>

NEWS | 27 May 2021 | Clarification [28 May 2021](#)

Hundreds of gibberish papers still lurk in the scientific literature

The nonsensical computer-generated articles, spotted years after the problem was first seen, could lead to a wave of retractions.

By [Richard Van Noorden](#)

<https://www.nature.com/articles/d41586-021-01436-7>

NEWS | 06 November 2023

How big is science's fake-paper problem?

An unpublished analysis suggests that there are hundreds of thousands of bogus 'paper-mill' articles lurking in the literature.

By [Richard Van Noorden](#)

<https://www.nature.com/articles/d41586-023-03464-x>

'The situation has become appalling': fake scientific papers push research credibility to crisis point

Last year, 10,000 sham papers had to be retracted by academic journals, but experts think this is just the tip of the iceberg

<https://www.theguardian.com/science/2024/feb/03/the-situation-has-become-appalling-fake-scientific-papers-push-research-credibility-to-crisis-point>

PAPER MILLS – INDUSTRIAL-SCALE FRAUD IN ACADEMIC PUBLISHING*

- Entities which produce fraudulent research papers for a fee
- Plagiarism, fabrication, computer generated text, fictitious authors ++
- Often published in pay-to-publish mega-journals and/or special issues with guest editors

HOW DO SLEUTHS DETECT FAKE PAPERS

- Duplicated images
- Plagiarism, duplication, salami-slicing
- Tortured phrases and nonsensical text
- Forums online: authorship for sale
- Irrelevant and unnecessary citations

*Podcast: “Industrialized Cheating in Academic Publishing: How to Fight ‘Paper Mills’” with prof. Dorothy Bishop.

<https://open.spotify.com/episode/2Pt0T8ljinmoFomnygGC8yw?si=dd7308768093468a>

REPORTS OF FLAWED AND FAKE PAPERS

- PubPeer.com
- Problematic Paper Screener
- Blogs: <http://deevybee.blogspot.com/> <https://forbetterscience.com/>
<https://retractionwatch.com/>
- Research sleuths: Guilamme Cabanac, Elisabeth Bik, Nick Wise, María Oviedo García, Alexander Magazinov and many others

PUBPEER.COM

- Post-publication peer review
- Anyone can comment – anonymously
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The PubPeer database contains all articles.

authors:"Filippo berto" advanced search

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4 months ago	Process Modelling Applied to Aluminium-Steel Butt Welding by Hybrid Metal Extrusion and Bonding (HYB) Francesco Leoni, Øystein Grong, Ambra Celotto, Hallvard Gustav Fjær, Paolo Ferro, Filippo Berto	Metals (2022) 2 comments
4 months ago	The Effect of Holding Time on Dissimilar Transient Liquid-Phase-Bonded Properties of Super-Ferritic Stainless Steel 446 to Martensitic Stainless Steel 410 Using a Nickel-Based Interlayer Majid Hafizi, Masoud Kasiri-Asgarani, Mojtaba Naalchian, Hamid Reza Bakhsheshi-Rad, Filippo Berto	Micromachines (2022) 2 comments

"PHGDH Expression Is Required for Mitochondrial Redox Homeostasis, Breast Cancer Stem Cell Maintenance, and Lung Metastasis" has comments on PubPeer

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On the damage tolerance of 3-D printed Mg-Ti interpenetrating-phase composites with bioinspired architectures

..., [Q Yu](#), [Z Liu](#), [R Qu](#), [J Zhang](#), [S Li](#), [D Ren](#), [F Berto](#)... - Nature ..., 2022 - nature.com

Bioinspired architectures are effective in enhancing the mechanical properties of materials, yet are difficult to construct in metallic systems. The structure-property relationships of ...

☆ Lagre Referanse Sitert av 112 Beslektede artikler Alle 18 versjoner Web of Science: 106

[PDF] [nature.com](#)
Fulltext @ INN

1 comment on PubPeer (by: [Indigofera Tanganyikensis](#))

UA

Start Nyheter Ytring Meny

Ber om at alle tidsskrifter fra forlaget Hindawi svartelistes

I fjor publiserte et Hindawi-tidsskrift en stjålet NTNU-artikkel. Forlagets tidsskrifter bør miste sin status som godkjente i Norge, mener Per S. Refseth og Morten Oksvold.

«All Hindawi-journals should be de-listed from the Norwegian register»

Hanger, M. (2023). *Universitetsavisa*
<https://www.universitetsavisa.no/forskning-forskningsjuks-morten-oksvold/ber-om-at-alle-tidsskrifter-fra-forlaget-hindawi-svartelistes/377048>

«Varsling/Report to NTNU: Filippo Berto should be investigated for possible research misconduct»

Norges mestpubliserende forsker granskes for alvorlige brudd på etiske normer

Ingen i Norge publiserte mer enn NTNU-professoren. Så begynte en britisk professor å granske publikasjonene.



Filippo Berto var i flere år professor ved NTNUs Institutt for maskinteknikk og produksjon, og NTNUs mestpubliserende forsker. Flere av hans artikler fra denne perioden er nå trukket tilbake av tidsskriftene de ble publisert i. Arkivfoto: NTNU

Mari Rian Hanger
Journalist

Kaia Sørland
Journalist

Hanger, M. & Sørland, K. (2024). *Universitetsavisa*.
<https://www.universitetsavisa.no/filippo-berto-forskningsetikk-forskningsjuks-norges-mestpubliserende-forsker-granskes-for-alvorlige-brudd-pa-etiske-normer/403870>

DEBATT • PER S. REFSETH OG MORTEN OKSVOLD

Publiseringsutvalget anbefaler å melde inn bekymringer. Vi forsøkte.

Vi hadde lenge hatt våre mistanker om megatidsskriftet. Så da ansvarlig redaktør bekreftet at det hadde publisert falske forskningsartikler fra artikkelfabrikk var vel saken klar? Ikke for Publiseringsutvalget.




<https://www.khrono.no/publiseringsutvalget-anbefaler-a-melde-inn-bekymringer-vi-forsokte/858878>

«The journal *Fuel* should be downgraded in the Norwegian register»

REPORTING FAKE RESEARCH TO THE NORWEGIAN REGISTER: ALL HINDAWI JOURNALS SHOULD BE DELISTED

Nearly 20 Hindawi journals delisted from leading index amid concerns of papermill activity

Nineteen journals from the open-access publisher Hindawi were removed from Clarivate's Web of Science Monday when the indexer refreshed its Master Journal List.



<https://retractionwatch.com/2023/03/21/nearly-20-hindawi-journals-delisted-from-leading-index-amid-concerns-of-papermill-activity/>

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REPORTING FAKE SCIENCE TO THE NORWEGIAN REGISTER – THE JOURNAL *FUEL* SHOULD BE DOWNGRADED



Jillian Goldfarb (She/Her) • Following
Associate Professor of Chemical Engineering: Designing New Processes for S...
11mo •

I had aspirations to lead the [#fuel](#) science field as the first female Principal [#Editor](#) (Americas) of the journal *Fuel*.
Today, when [Elsevier](#) informed me of the plan to consolidate regional offices under one Editor-in-Chief who tows their line towards profit, I [#resigned](#) my position.

I did so for three reasons.

2023: Principal editor Goldfarb resigned because *Fuel* published paper mill articles and Elsevier «value article quantity and profit over science»

<https://www.linkedin.com/feed/update/urn:li:activity:7121212700210126848/>

DEBATT • PER S. REFSETH OG MORTEN OKSVOLD

Publiseringsutvalget anbefaler
å melde inn bekymringer.
Vi forsøkte.

2024: Refseth and Oksvold:
«The journal *Fuel* should be
downgraded»

Year	Scientific Level
2025	2
2024	2
2023	2
2022	2
2021	2
2020	2

2025: Still level 2.
“Concerns should be
based on own
experience or expertise
in the relevant field”

REPORTING FAKE PAPERS: FILIPPO BERTO

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authors:"Filippo berto"  advanced search

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4 months ago

Process Modelling Applied to Aluminium-Steel Butt Welding by Hybrid Metal Extrusion and Bonding (HYB)

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Metals (2022)  2 comments

4 months ago

The Effect of Holding Time on Dissimilar Transient Liquid-Phase-Bonded Properties of Super-Ferritic Stainless Steel 446 to Martensitic Stainless Steel 410 Using a Nickel-Based Interlayer

Majid Hafizi, Masoud Kasiri-Asgarani, Mojtaba Naalchian, Hamid Reza Bakhsheshi-Rad, Filippo Berto

Micromachines (2022)  2 comments

4 months ago

A Review Study for Creep in Different Nanocomposites

Vahid Monfared, Hamid Reza Bakhsheshi-Rad, Mahmood Razzaghi, D. Toghraie, Maboud Hekmatifar, Filippo Berto

Metals and Materials International (2023)  2 comments

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Mari Rian Hanger
Journalist



Kaia Sørland
Journalist

<https://www.universitetsavisa.no/filippo-berto-forskningsetikk-forskningsjuks/norges-mestpubliserende-forsker-granskes-for-alvorlige-brudd-pa-etiske-normer/403870>



<https://www.khrono.no/vart-varsla-om-mogleg-forskningssvindel-for-tre-ar-sidan-forst-no-undersoker-hogskulen-saka/835907>

Kjetil Sletteland: -HVL må rydde opp i rutineane sine

HOW TO CONFRONT THIS

- Less pressure to publish!
- More time and credit for peer review and editorial work
- Pay sleuths?
- Report concerns in Pubpeer and Norwegian register
- Expose the cheaters
- **Open Science:** preregistration, open data, registered reports, open peer review,
- Stop pay-to-publish / gold open access with for-profit publishers
- Science ombud / Vitenskapsombud

Frykter økningen i falske artikler ødelegger for forskningen

Antall artikler som trolig er fabrikkerte har skutt i været, viser forsker Morten Oksvold. - Det er krise i forskningen. Norge må være med på å tvinge de store forlagene til å ta ansvar, sier han.



Viten | Uviten

Nina Kristiansen i Uviten: Vis frem jukserne!

Uhederlige forskere slipper lett unna. Forskningen vil være tjent med et skarpt offentlighetens lys.

UA

Start Nyheter Ytring Meny

Mener NTNU bør slutte å bruke skattebetalernes penger på å publisere i useriøse forlag

Professor Jon Olaf Olaussen mener NTNU heller burde beholdt avtalen med Wiley enn å punge ut til mindre seriøse forlag som MDPI.

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