Publishing in International Journals Open Access and Predatory Journals

การเผยแพร่ในวารสารนานาชาติ

เปิดการเผยแพร่การเข้าถึง

วารสารและการประชุมเชิงล่า

16 September 2020: 2.00 – 3.30 pm วันพุธ (บ่ายโมง)

Presented via Zoom by:

Mr Joe Ng Acquisitions Editor, Social Sciences



Topics

- Academic publishing landscape
- About Cambridge University Press
- What are academic journals?
- Shortlisting journals for submission
- Submitting your paper
- Writing your paper
- Peer review
- Responding to referee reports
- Publishing ethics
- Open Research & Preprints
- Open Access Journals
- Predatory Journals and Conferences



THE PUBLISHING LANDSCAPE

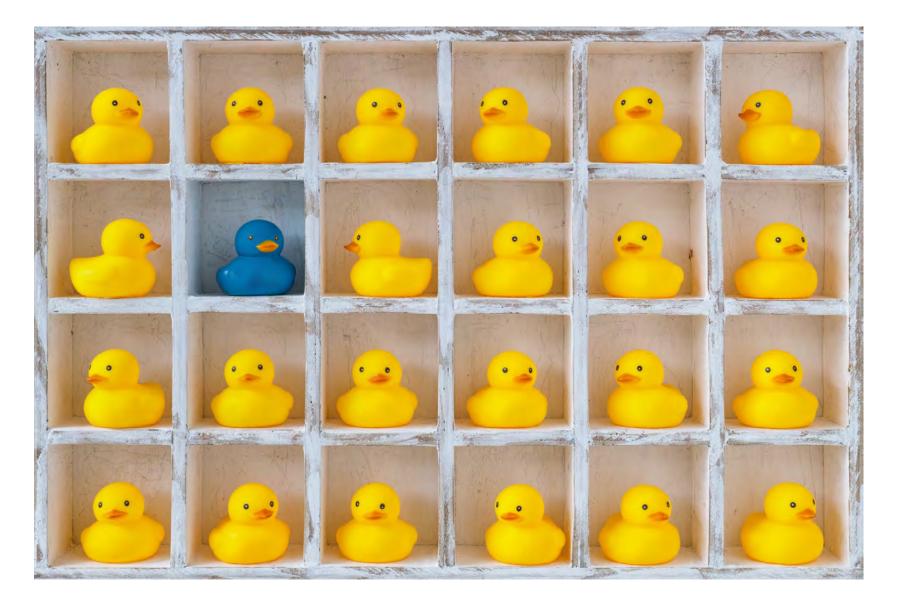


Academic Publishing Landscape

- Over 33,000 journals (excluding 9,400 non-English journals)
- More than 3 million articles published each year
- More than 200,000 new books each year
- STM: \$25 billion, HSS: \$2.4 billion (annually)
- Many publishers (some small, some large)



Your Challenge!





Rapidly Changing Landscape

- Technology journals business has been digital for over 20 years
- Digital is more and more important for books
- Open Access journals and experimentation with OA books
- Scholarly Collaboration Networks (Research Gate, Academia.edu)
- Impact and other metrics (e.g. altmetrics)
- Lots of "free" content ! (Both legal and not so legal!)



ABOUT CAMBRIDGE UNIVERSITY PRESS



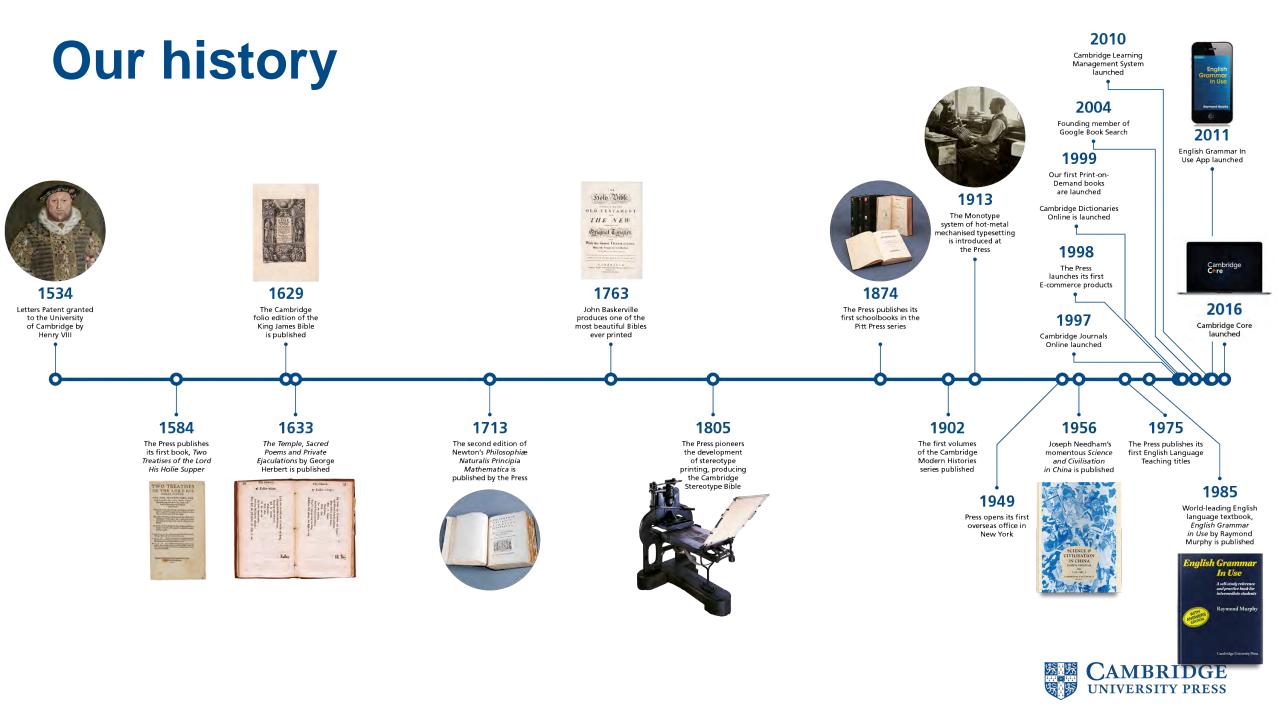
Cambridge University Press

- An integral part of the University of Cambridge
- World's oldest publisher, founded in 1534
- Our first book was published in 1584
- Now looking forward to future with big investment in digital publishing









Our Mission and Character

• Not-for-profit

All surplus reinvested in our publishing infrastructure, services and the University – distinguishing us from commercial presses

Global

We work with the best scholars and the best universities around the world – employing our offices on 6 continents

Quality

Our commitment to research of the highest quality is fundamental to our being – unlike our commercial counterparts.





How do we achieve it?

- Maintain the standards of our parent university
- Seek out the best authors and journals
- Adhere to the highest standards of peer review
- All projects approved by the Press Syndicate



Quality

How do we measure it?

We've published over 170 Nobel Prize Laureates, including the books of 64 Laureates and 137 Laureates in its journals programme.







How do we measure it?

Six Cambridge journals top of their Impact Factor categories:

Behavioral and Brain Sciences, Acta Numerica, International Organization, Journal of Economic History, Microscopy & Microanalysis, and Theory and Practice of Logic Programming



The Press Syndicate

- Governing body of Cambridge
 University Press
- 18 members 'Syndics'
- All new books and new journals must be approved by the Press Syndicate
- Applies to all authors Nobel prize-winners and postdocs!





PUBLISHING IN INTERNATIONAL JOURNALS

What is a Scholarly Journal?

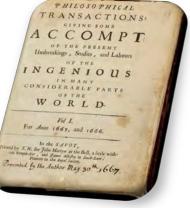
Basic functions

Solve 3 technological problems -

- 1. Registration assert ownership of an idea
- 2. Dissemination attract recognition and career advancement
- 3. Archiving create a **permanent record**
- 2 additional <u>cultural</u> functions have developed over time
- 4. Certification provide quality assurance
- 5. Filtration navigate vast sea of information



Henry Oldenburg (1664-5)



PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY



Business Models

Subscription

- reader (libraries and individuals) pays annual subscription to publisher
- author bears no cost
- dominant in humanities and social sciences and some STM subjects

Open Access (Gold)

- author pays Article Processing Charge (APC)
- Any reader is able to access articles online for free
- prevalent in life sciences but many STM journals are also "flipping" to this model



SELECTING A JOURNAL TO SUBMIT



Research Your Journals

You've spent so much time on your research. **Now** think about where to publish your article...

- Choose carefully and thoughtfully
- Aim for the right level of journal general vs specific
- Which journals publish articles in your area?
- Who are the editors and Editorial Board members?
- Do you need to publish in Gold Open Access?



Selecting a Journal

- **1. Hierarchy:** Know the ranking of the journals in your field aim at Tier 1, 2, or 3 journals
- **2. Research Outcome**: How significant are your findings or your argument?
- **3. Readership**: Does results only interest a specialized group of researchers?
- 4. Scope: Read the aims and scope of the journal
- **5. Citations**: Does your paper cite other published articles in the journal?



Selecting a Journal

- **6. SSCI/IF**: What is the journal's impact factor?
- **7. Article Type**: Is your paper original research or a review article?
- **8. Punctuality**: Is the journal always late or under budget?
- **9. Editorial Board/Publisher**: Who are the editors and board members? Is the publisher reputable
- **10.Open Access**: traditional or Open Access?



SUBMITTING YOUR PAPER



Best practice for journal submission

- Write a clear, informative abstract
- Obey the rules in *Instructions for Contributors*
- Make sure your paper
 - o Is written in good English
 - o Has got a conclusion
 - Has a clear message to show that the paper is important to the target audience
- One journal at a time



How to avoid immediate rejection?

- Don't make these mistakes:
 - Poor English
 - No conclusions
 - Insufficient originality or importance
 - Obvious scientific or logical flaws
- Why is your paper important to the target audience? State this clearly in the abstract, introduction and conclusion



How to avoid immediate rejection

- Write a clear and informative abstract
- Do choose an appropriate journal! Check its scope.
- Do follow the *Instructions to Contributors*
- Do meet the submission system requirements



WRITING YOUR PAPER



A journal article is ...

- Fit for purpose and original
- Understandable, and written in good English
- Well organized
- Of appropriate length for the article type/journal
- Discoverable, stable and citable [responsibility of the publisher]



Typical article structure

- Title
- Abstract & Keywords
- Main text (IMRAD)
 - Introduction / Methods
 - Results And Discussions
- Conclusions
- Acknowledgements
- References
- Supplementary Data

Note: certain subjects/fields would use different headings/structure, so check journal homepage for exact headings/order.



Some writing tips

- Avoid definitions/formulae/specialized terms in the first paragraphs/introduction
- Write in short sentences and straight to the point; avoid grammatical and notational errors
- Test "readability" of a paper, ask a colleague in another field to comment
- Report standard errors and coverage sets or confidence intervals (for empirical analyses).



Some writing tips

- Plagiarism. Avoid plagiarism of others' work or self-plagiarize; cite/acknowledge others' work appropriately
- Exclusive submission. Don't submit to more than one journal at a time
- Authorship. Only list co-authors who made major contribution to the article



Some writing tips

- Have you followed the style of the journal you want to publish in?
- Make your article **concise** (one sentence per idea and one idea per sentence)
- Read the journal's published articles to see how yours can **fit**?



PEER REVIEW



Peer Review Models

	Single Blind	Double Blind	Open
Author	Doesn't know	Doesn't know	Knows
	reviewer	reviewer	reviewer
	identity	identity	identity
Reviewer	Knows author	Doesn't know	Knows author
	identity	author identity	identity
How common?	Most common type among science journals	Most common type among social science and humanities	Growing minority of journals do this



Peer Review Models

Post-publication peer review (PPPR)

- Only started in last few years
- Mostly used by experimental open access publishers
- manuscripts are reviewed after they have been published online.
- These reviews are most often open.

Examples

- Behavioral and Brain Sciences: <u>www.cambridge.org/core/journals/behavioral-and-brain-</u> <u>sciences</u>
- PubPeer: <u>www.pubpeer.com</u>
- Hypothes.is: <u>https://web.hypothes.is/</u>
- e-Letters: <u>https://www.sciencemag.org/help/e-letters</u>
- ScienceOpen: https://www.scienceopen.com/
- F1000Research (now owned by Taylor & Francis): <u>https://f1000research.com/</u>

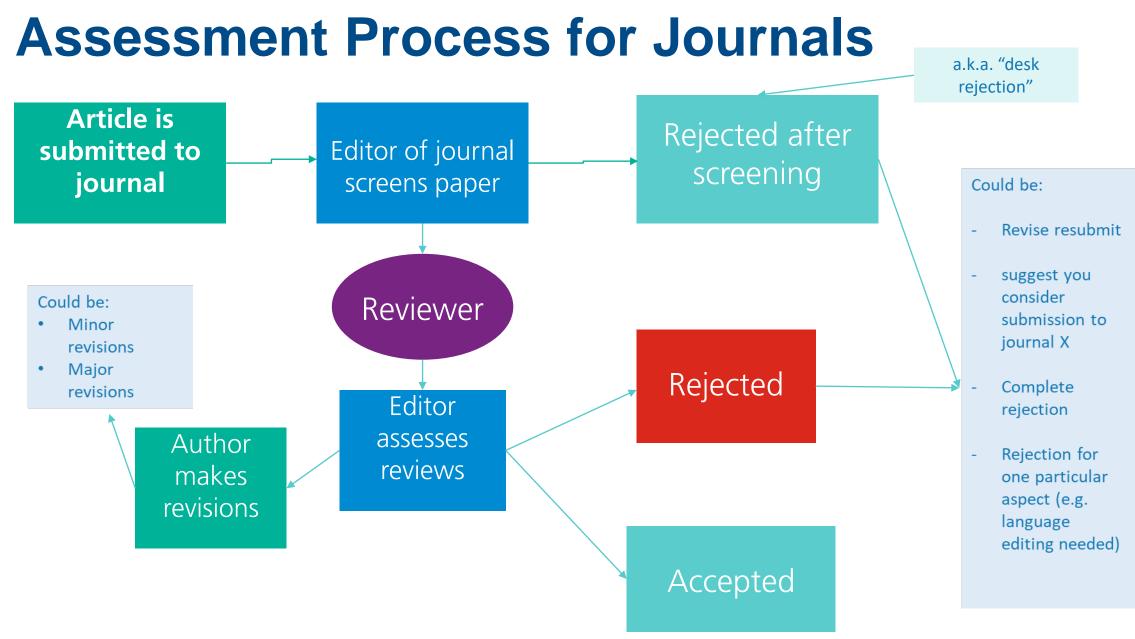


Review Stages



- **DESK REVIEW:** editor-in-chief (EIC) will assess whether suitable for journal (aims/scope).
 - If yes, then will proceed to peer review.
 - Acceptance rate at this stage varies a lot according to discipline
- **PEER REVIEW:** EIC will invite two reviewers to read the paper; double-blind; 4-8 weeks
- **DECISION:** Accept with revisions, revise & resubmit; decline







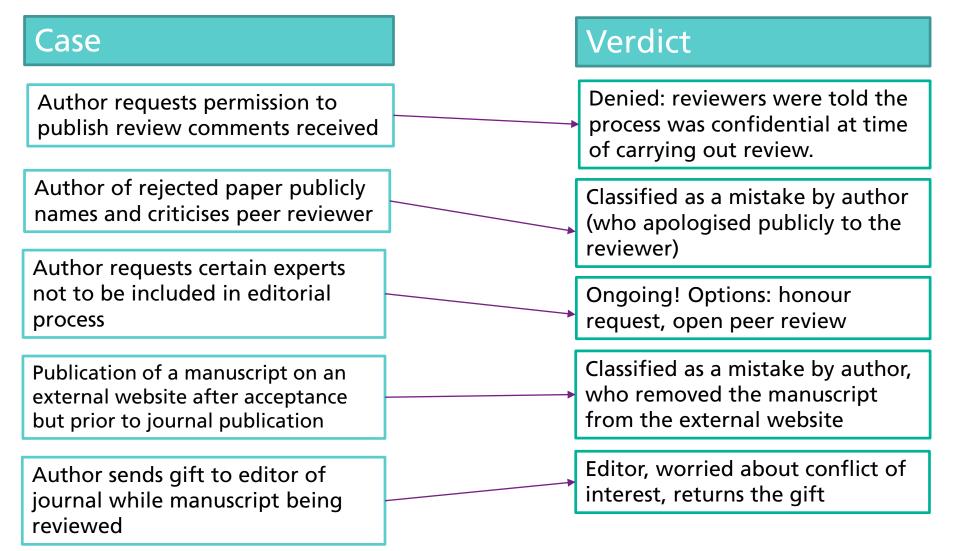
How should I respond to comments of reviewers?

- Be respectful and **acknowledge** the time and care referees have taken
- **Engage** positively and constructively with criticisms. Do not be defensive or aggressive
- **Respond** either by common themes in referee reports or take each report in turn
- Indicate what you agree with, what you disagree with and what changes if any you would propose to make



Publishing Ethics

Cambridge University Press is a member of Committee on Publication Ethics (COPE).





Publishing Ethics

	Ethical issue	Author responsibilities
×	Duplicate submission	 Confirm work in the submitted manuscript has not been submitted elsewhere
×	Plagiarism or inadequate citing	 Ensure that all work in a submitted manuscript is original and that you acknowledge content reproduced from other sources.
×	Non-disclosure of conflicts of interest	 To declare any potential conflicts of interest.
×	Significant errors in publication	 Notify the publisher if a significant error in publication is identified
×	Not conforming to national, local and institutional laws and requirements	 Studies involving human or animal subjects should conform to national, local and institutional laws and requirements
×	Copyright issue	 Obtain permission to reproduce content such as images, maps, figures, musical examples etc.



OPEN RESEARCH



What is Open Research?

- Refers to all practices that promote openness, integrity, and reproducibility in research
- Faster and transparent publication processes, including open access
- Include research outputs such as journal articles, data and code.
- Open Research refers to all practices that Open Science practices (e.g., data sharing, study pre-registration, open access journals).



What's Open Research?

- 1. publishing in **OA journals**
- 2. share your **data** (to support validation and facilitate reuse, or provide details on how other researchers can request authorised access)
- 3. share your **code** (that are used for analytical and visualisation)
- share your workflows (i.e., steps taken to capture, process, and analyse the data)("Reproducibility Crisis") - allow others to validate published findings



How to Open Up Your Research?

- I. Planning stage (re3data.org registry of research data projects)
 - I. provides access to repositories across a very wide range of subjects.
 - II. > 600 repositories listed for HSS > 1000 for the Life Sciences
- **II.** Active stage (share methodologies/early research on preprints; preregister your study on OSF Registries)
 - I. <u>https://help.osf.io/hc/en-us/articles/360021390833-Preregistration</u>
- **III.** End stage (publish in OA journal or deposit in OA repository)
 - I. Link your paper, datasets using your ORCID.
 - II. Write a lay summary to make your research accessible to journalists and scientists from other domains.



OPEN SCIENCE AND OPEN DATA



What's Open Science?

Open Science (OS) is "the practice of science in such a way that others can *collaborate* and *contribute*, where research data, lab notes and other research processes are *freely available*, under terms that enable *reuse*, *redistribution* and *reproduction* of the research and its underlying data and methods."

(Source: Foster Open Science)



Four Pillars of Open Science

- Data (ensure datasets also have DOIs, hosted on public repositories, and appropriately licensed [CC] for public usage) data sharing needs to take these into consideration:
 - commercial/personal sensitivities, data protection, ethics, privacy, managing and sharing)
- Code (use open source standards, stored on Github or elsewhere for easy access)
 - what's the license used for the code? CC or GNU
- Papers (OA Journals)
- Reviews (Open peer review)



Open Data

How FAIR is your research data?

• Findable, Accessible, Interoperable and Reusable.

Data Repositories

- Dryad (non-profit membership organization)
- Mendeley Data (owned by Elsevier)
- Figshare (owned by Digital Science)
- Zenodo (EU government program OpenAIRE, hosted by CERN)
- GitHub (for codes)



Joint Declaration of Data Citation Principles

- 1. Importance
- 2. Credit and Attribution
- 3. Evidence
- 4. Unique Identification
- 5. Access
- 6. Persistence
- 7. Specificity and Verifiability
- 8. Interoperability and Flexibility

Source: Martone M. (ed.) San Diego CA: FORCE11; 2014 https://doi.org/10.25490/a97f-egyk (https://doi.org/10.25490/a97f-egyk)



Open peer review

- Why?
 - full transparency about decision-making
 - mitigate issues that contribute to editorial bias
 - enable reviewers to collect their contributions as part of their academic record
- How?
 - Authors will know who has reviewed their submission
 - Accepted manuscripts will be published with their review reports
 - Reports will include the reviewer name, their ORCID, and be assigned an individual DOI.
- Reviewers and authors should not contact each other directly
- Communication should be done through the Journal's editorial officer



What is Cambridge doing in Open Research?

- Transform our OA journal program to **100% fully OA**
- publish author's research as Open Access through Read and Publish (R&P) agreements worldwide
- Launched our own open research platform, Cambridge Open Engage
- Cambridge Core Share to share journal articles widely and responsibly
- Develop sustainable and transparent open policies
- encourage and support authors in sharing data, code, and other materials for our journals



Open peer review @ Cambridge

Editor-in-Chief

Olivier Hamant - *INRAE, ENS Lyon, France* **ISSN:** 2632-8828 (Online)

www.cambridge.org/core/journals/quantitative-plant-biology

https://mc.manuscriptcentral.com/qpb



Quantitative

Plant Biology

Chair of the Board of Editors

Bengt Nordén, *Chalmers University of Technology, Sweden* ISSN: 2633-2892 (Online)

www.cambridge.org/core/journals/qrb-discovery www.editorialmanager.com/grd/default.aspx



PREPRINTS



What's a preprint?

- e-prints
- postprints
- conference papers
- working papers, reports
- white papers
- author accepted manuscripts (AAM)

- literature reviews
- book chapters
- slide decks
- Source codes
- Posters
- Data sets

All *have not* undergone peer review. They *are not* already published in a journal.



History of preprint servers

- first embraced in physical sciences
- early 1990s of arXiv.org an open online repository for scholarly papers
- In 2013, similar preprint servers started for the biological sciences (bioRxiv) and then medical sciences (medRxiv)



Subject/National/Regional preprint servers

- **arXiv** physics, mathematics, and computer science
- TechRxiv (IEEE) electrical engineering, computer science, and related technology
- **bioRxiv** biological sciences
- **ChemRxiv** (ACS) chemical sciences
- **SSRN** (Elsevier) social sciences
- AfricArxiv launched in 2018 to improve the visibility of African science.
 - Hosted on Open Science Framework.
- IndiaRxiv established in 2019
 - recent collaboration with CABI to target mainly agriculture and allied sciences.



Preprint servers by publishers

Research Square

- a journal-integrated preprint service in partnership with Springer Nature
- recently accepting multidisciplinary preprint submissions

F1000 Research

- acquired by Taylor & Francis in Jan 2020
- publish rapidly to support open research in various disciplines through editorial checks, open data support, and invited open peer review

Under Review

- Launched by Wiley in 2019
- provide preprints at the same time of submission to selected journals

APSA Preprints

- For political science and related disciplines
- American Political Science Association partnership with Cambridge University Press



Benefits (and cons) of preprints

- Share your work quickly
- Encourage collaboration among colleagues in your field
- Discover early and non-traditional OA research
- Get analytics on early research outputs (pubpeer)
- Build audience for research before formal publication
- But, with Covid-19 pandemic, an explosion of preprints posted online (some had serious issues).
- In Feb 2020, a paper about COVID-19 (on bioRxiv) was immediately withdrawn due to fierce criticism of the study's methodology and arguments.
- debate on the risks associated with non-vetted papers being distributed through preprints servers
- traditional journal publishing model helps filter out junk science through peer review (but journals also retract "bad" papers)





The collaborative site to upload, share and advance your research

Cambridge Open Engage is the new early content platform from Cambridge University Press, designed to provide researchers with the space and resources to connect and collaborate with their communities, and rapidly disseminate early research. It is free to upload and read content.

www.cambridge.org/engage/coe/public-dashboard

WHAT IS OPEN ACCESS?



Definition of Open Access (OA)?

Research (mainly journal articles) that are:

- *freely* available on the public internet;
- permits any users to read, download, copy, distribute, print, search, or link to the full texts of these articles;
- allows spiders to crawl the articles for indexing;
- pass them as *data* to software (machine-readable);
- use them for any other *lawful* purpose;
- without financial, legal, or technical barriers other than those from gaining access to the internet itself.





Why Publish OA?

- comply with funder or government research mandates/policies to make their research output Open Access.
- maximize distribution of research output for the benefit of society
- maximize the returns on investment on the funds used for research.



Key Benefits of OA

Discoverability and dissemination

- access research without encountering paywalls
- potentially increase the visibility and usage of their work
- greater return on investment by funders



Key Benefits of OA

Educational and other re-use

- Gold OA works can be re-used without additional permission from publishers.
- OA article could be re-published in a university course package, or translated into a different language, or figures or text from an article could be re-used in a presentation.

Public access and engagement

 help professionals outside of academia who rely on research, such as health workers, teachers and lawyers, benefit from access to the latest findings.



Open Access – current numbers

- c. 14,849 peer-reviewed Gold OA journals (+50% vs 2016!)¹
- c. 5 million Gold OA articles published (+50% vs 2016 !)¹
- c. 4,700 Green OA repositories²
- c. 6.2 million full-text articles on PubMed Central³
- c. 60,000 OA and public domain ebooks in Project Gutenberg⁴
- c. 30,000 OA books from 388 publishers registered⁵
- *c*. 1,060 OA mandates⁶

Sources: ¹ Directory of Open Access Journals as of Jun 25, 2020;
² Registry of Open Access Repositories (ROAR) as of Jun 25, 2020;
³ As of Jun 25, 2020; ⁴ Correct as of Jun 25, 2020;
⁵ Directory of Open Access Books as of Jun 25, 2020; ⁶ ROARMAP, as of Jun 25, 2020.







CC-BY (most liberal license)



CC-BY-NC (Noncommercial use only)



CC-BY-NC-SA (Noncommercial use and able to adapt but with the same license)



CC-BY-NC-ND (Noncommercial and no adaptions)



Gold Open Access Journals

	Gold Open Access
Intent	 Author (or institution/funder) pays a fee to the journal for Gold OA
Access	 Free & immediate public access to final version of article
Use	 determined by user licence, e.g. CC-BY-NC-ND. Check with your journal
Fees	 APC ranges between US\$500 to US\$4500 depending on journal/publisher
How can l publish OA?	 Gold OA journal Hybrid OA journal (subscription journal that allows individual articles to be published OA)



Green Open Access (Archiving)

(traditional subscription journals)

	Green Open Access
Intent	 Allow authors to post a version of their article online For traditional subscription journals that requires an embargo period (time delay)
Access	• Free public access to a <i>non-final</i> version of your article
Use	 Authors can use articles for a range of purposes. Open versions of article should have a user licence
Fees	• Free
How can l publish OA?	 Check your journal guidelines. Typically publish and then self-archive in a repository



PREDATORY JOURNALS AND CONFERENCES



What are predatory journals and conferences?

- No conclusive definition for all disciplines
- low-quality journals vs predatory journals
- typically Gold OA journals
- Superficial or no peer review before publication
- "pay to publish" sometimes pay before peer review
- At conferences, minimal engagement/discussion of your paper at the panels ("pay to attend")



Checklist for Predatory Journals & Conferences

Think! Check ☑ Submit [&] ☺
 <u>https://thinkchecksubmit.org/</u>

Think! Check ☑ Attend → ☺
 https://thinkcheckattend.org/



- Is it indexed in DOAJ? Scopus? Web of Science?
 - Some predatory OA journals are indexed in DOAJ
- Where is their editorial office?
 - Google the address
 - Is it a residence, mail forwarding address or PO box?
- Who are their editorial board members?
 - Are the journal editors academics? Their affiliations? Or is it missing?
 - board members duplicated across the publishers' journals?
 - Email them directly to ask about the journal.



- Pay before peer review?
 - Does publisher requests payment of APC before they start peer review?
- Fake or misleading journal rankings or impact factors?
 - e.g. Universal Impact Factor; Journal Impact Factor, Global Impact Factor
- False claims of being indexed in WoS and Scopus?
- New publisher (started within last 5 years)?
 - Stick to reputable publishers and journals published by international societies
- Does it have an ISSN?
 - https://portal.issn.org/advancedsearch



- check the peer review policy?
 - Is the policy clearly stated on website?
 - turn-around time faster than 4 weeks?
 - not thorough if review completed very quickly
- journal title = its impact
 - No restriction to use "International" or city/country name as part of its title
 - e.g., Oxford Journal of Dubious Research
- Beall's list
 - <u>https://beallslist.net/</u>
 - <u>https://predatoryjournals.com/journals/</u>



- No articles listed or missing archives
- Same article appears in more than one journal of same publisher
- No policies for digital preservation
 - eg, Portico, LOCKSS, CLOCKSS, JSTOR
- Publisher hides relationship with for-profit partner companies
- Cabells Journal Blacklist (via subscription)
- Usually skip or skimp peer review of papers
- Run by for-profit companies who present themselves as not-for-profit
- Often claim to publish your papers in their predatory journals or never publish conference proceedings



Identifying Predatory Conferences

- 1. Has an overly ambitious title (e.g. with "international" and "global" buzzwords)
- 2. Technical programme is too broad (e.g. combine too many disciplines and claims to be "interdisciplinary")
- 3. Language on conference website is clumsy (e.g. full of spelling and grammar mistakes or poorly written)
- 4. False claims of renowned organisations sponsoring the conference (e.g. sponsored by Google, Facebook, or use of logos without permission)



Identifying Predatory Conferences

- 5. Organizer's contact details missing or incorrect (e.g. names of organizing committee not provided)
- 6. Another conference with a similar name already exists
- 7. Conference is linked to known or suspected predatory journals and publishers
- 8. Charging much higher than normal registration fees
- 9. Conference is held multiple times each year in different cities (note that certain societies do held two conferences each year, so this would apply more to commercial organizers)



SUPPORT FOR RESEARCHERS & AUTHORS



Journal Recommendation Services

• Cambridge University Press (partnered with AJE):

www.cambridge.org/academic/author-services/services/journal-recommendation/

Other publishers / service providers

- Wiley's Journal Finder
- Taylor & Francis Journal Suggester
- Elsevier JournalFinder
- Springer Nature Journal Suggester
- Cactus Editage Journal Selection
- Search Web of Science database / Scopus for the top journals if your institution have subscribed to it



Editing/Translation Services

- We partner with AJE to provide language editing, translation, formatting and figures services
- 420 area of studies with > 1,000 qualified editors
- editors are native English speakers, with Masters/PhD/MD from top research universities and a specialist in your discipline
- More details here: www.cambridge.org/academic/author-services/



Useful Books for New Authors





Q&A คำถามคำตอบ

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