Finding Reputable Journals: Library Tools to Identify Credible Publications

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Marston Science Library



Publish to Share Knowledge

"...knowledge is acquired cumulatively and collaboratively— and the principal mode for sharing this knowledge is the institution of scholarly publishing."



Trinity College Library, Photo S. Stapleton

Objectives

- Develop strategies and discover tools to identify credible venues for your research
- 2. Learn tools to identify prominent publications in your field
- 3. Understand warning signs of potentially fraudulent publishers
- Develop skills to build upon trustworthy information



Publishing Experience

Have you published your research before?



The Journal Times, A. Rogan, 11/1/2018

Ethics of Authorship

- Understand what merits authorship
 (see 4 criteria recommended by ICMJE)
- 2. Learn expectations of author order in the discipline (first, last, corresponding)
- 3. Review the role of the corresponding author

Author contribution statement PD and CR originally formulated the idea, SC and NE developed the methodology. PD conducted the field and lab work, and TL identified the nematodes. PD performed statistical analyses (based on discussion with CR, SC, and NE) and wrote the manuscript. All authors contributed critically to the revisions of the manuscript.

Four Criteria for Authorship from ICMJE

- Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
- 2. Drafting the work or revising it critically for important intellectual content; AND
- 3. Final approval of the version to be published; AND
- Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Ethics of Authorship

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- 3. Review the role of the corresponding author

Ten simple rules for avoiding predatory publishing scams

Michelle Leonard, 1 Suzanne Stapleton, 1 Perry Collins, 2 Terry Kit Selfe, 3 and Tara Cataldo 1

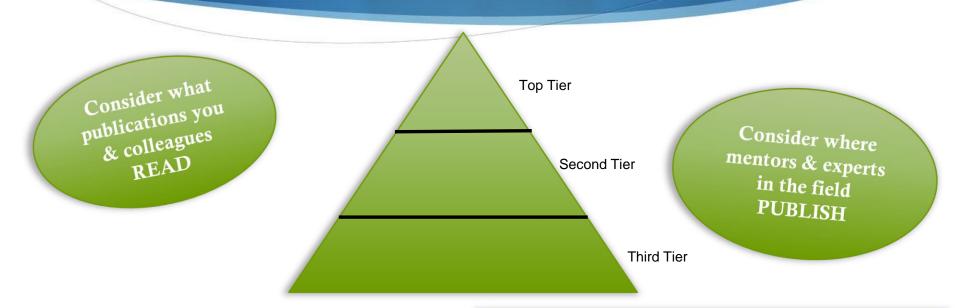
Scott Markel, Editor

Publishing Options Abound



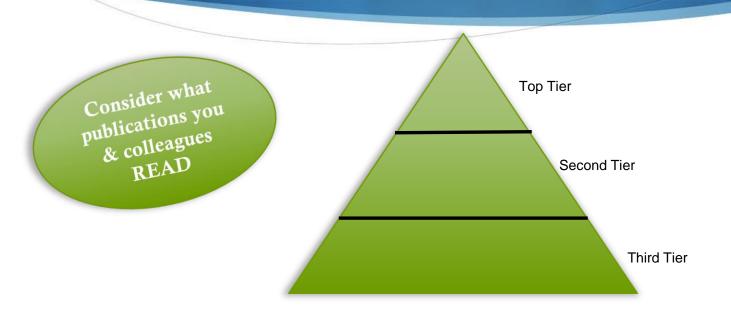


Journal Selection Personal Hierarchy of Preference



Resource: https://ufdc.ufl.edu/IR00008243/allvolumes

Journal Selection Personal Hierarchy of Preference



Journal Selection Monitor Where Experts & Mentors Publish

Website or CV or Suzanne Stapleton 0000-0002-7019-1995 ORCID Website and social links

Researcher's

Search by Author in Subject Database References from important papers in your field

Adamuti-Trache, M. & Andres, L. study: Cultural capital, gender, and curof Science Education 30(12):1557-1584. D

References

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mathematics and science classes and promote students' STEM care
high schools. International Journal of Educational Research 79:31-41. DOI: 10.1016/j.jier.2016.06.004.

American Camp Association (ACA). 2016. ACA Standards that relate to staff screening, supervision, and training [Internet]. Martinsville (IN): American Camp Association, Inc.; e2019 [cited 2019 Apr 22]. Available from https://www.acacamps.org/resource-library/accreditation-standards-relate-staff-screening-supervision-training.

Archer, L., DeWitt, J., Osborne, J., Dillon, J., Willis, B. & Wong, B. 2013. 'Not girly, not sexy, not glamorous': Primary school girls' and parents' constructions of science aspirations. Pedagogy. Culture & Society 21(1):171-194. DOI: 10.1080/14681366.2012.748676.

Blakemore, J.E.O., Berenbaum, S.A. and Liben, L.S. 2009. Gender Development. New York (NY): Psychology Press.

Brandt, R. 2015. Why do undergraduate women persist as STEM majors? A study at two technological universities. Proceedings of the ASEE Annual Conference & Exposition, p1-31.

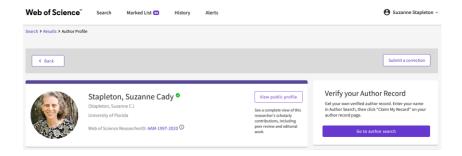
Broadley, K. 2015. Entrenched gendered pathways in science, technology, engineering and mathematics: Engaing girls through collaborative career development. Australian Journal of Career Development 24(1):27-38. DOI: 10.1177/1038416214559548.

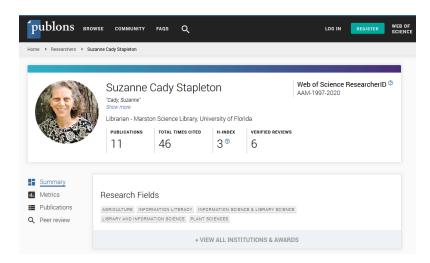
Carle, E. 1994. The very hungry caterpillar. New York (NY): Philomel Books.

Resource for UF/IFAS publications: https://ufdc.ufl.edu/IR00008243/allvolumes

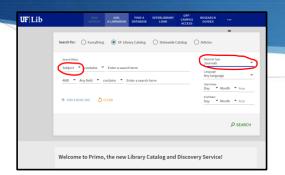
Author Search Example in Web of Science

Search in: Web of Science Core	Collection V Editions: All V		
DOCUMENTS AUTHORS	CITED REFERENCES		
Author	v stapleton sq	×	
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Find Journals by Topic: Examples



Ultrichweeb

ULRICHSWEB**

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UF Library Catalog



Scimago (https://www.scimagojr.com)

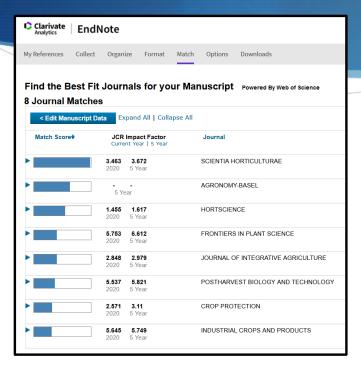
Ulrich's Global Serials Directory*



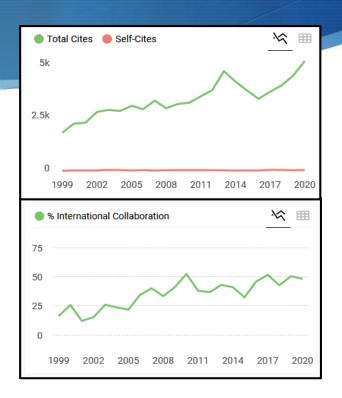
Web of Science Journal Citation Report*

*Access via Databases A-Z (https://guides.uflib.ufl.edu/az.php)

Find Journals with Database Tools



Example: EndNote Manuscript Matcher (Similar to Elsevier's JournalFinder)



Example: Scimago Journal & Country Rank, SJR

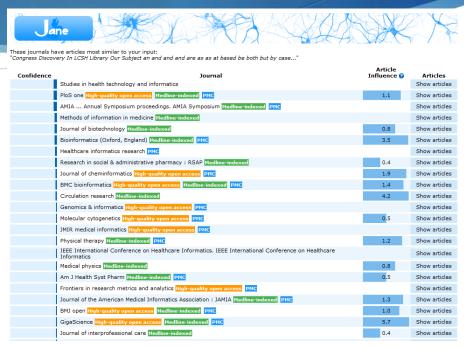
Find Journals with Publishers' Tools

SPRINGER NATURE Journal suggester						
Personalized recommendation Our journal matching technology finds relevant journals based on your manuscript details	Over 2,500 journals Search all Springer and BMC journals to find the most suitable journal for your manuscript	Author choice Easily compare relevant journals to find the best place for publication				
Enter your manuscript details to see a list of journals most suitable for your research. Manuscript title						
Manuscript text						
		fi.				
Subject area Please select		\ \ \				
Refine your recommendations						
Suggest journals						

Example: Springer Nature Journal Suggester. https://journalsuggester.springer.com/#

More Tools for Finding Journals

- Enter proposed title and abstract.
- Scramble to protect scooping.
- Request matching authors, articles or publications.



Example: JANE https://jane.biosemantics.org/

Evaluating Possible Publishing Venues

Criteria

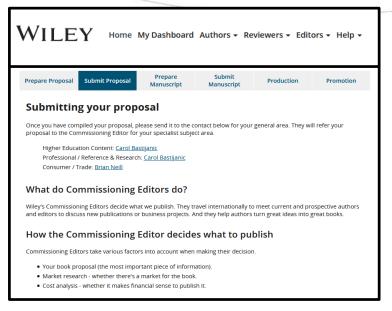
Is this a good publication for my work?

- 1. Appropriate scope
- 2. Quality content
- 3. Publisher
- 4. Scholarly impact
- 5. Author's rights
- 6. Professional ethics

Appropriate Scope

- What is the mission of the publication? Does your research fit within the aims & scope of this venue?
- Are your findings new or novel? Will they stimulate and contribute to conversations on topics covered by the publication?
- See the description about the journal or book series.
- Read recently published articles.

Appropriate Scope





Book proposal

Journal submission

Who ensures the quality of the content published?



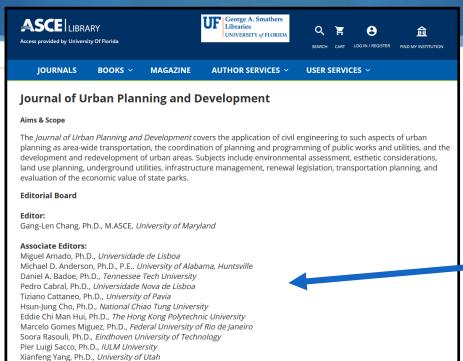
https://www.donotedit.com/editorial-board/

Editorial Board

- The editorial board establishes and maintains the quality of content published.
- Who is on the editorial board? Does their expertise complement the scope of the publication?
- Are diverse perspectives represented?

Editorial Board - example





Danlin Yu. Ph.D., Montclair State University

Who ensures the quality of the content published?

Peer Review



Peer Review Process



Once an article is submitted for review, it will be evaluated by ASCE journal staff to ensure it meets our technical requirements for submission. Once the manuscript passes our technical check, the manuscript will be sent to the chief editor of the journal to begin the review process.

Most of our journals follow a review procedure wherein the chief editor will perform an initial review of the article to make sure it fits the aims and scope of the journal. Authors can review each journal's aims and scope on the journal home page at ascelibrary.org.

If a manuscript fits within the journal's scope and the English is reasonable, the chief editor may send the article to an associate editor who will invite reviewers and make a decision on the manuscript. Once the associate editor submits their recommendation and the reviews, the chief editor will review the recommendation and make a final decision.

Quality of Content Published

Can you think of other indicators of quality content?

Evaluating Publishing Venues

Criteria

- 1. Appropriate scope
- 2. Quality content
- 3. Publisher
- 4. Scholarly impact
- 5. Author's rights
- 6. Professional ethics

Publisher

- Who owns the publication?
- What are the revenue sources to produce the publication?
- What services does the publisher provide?

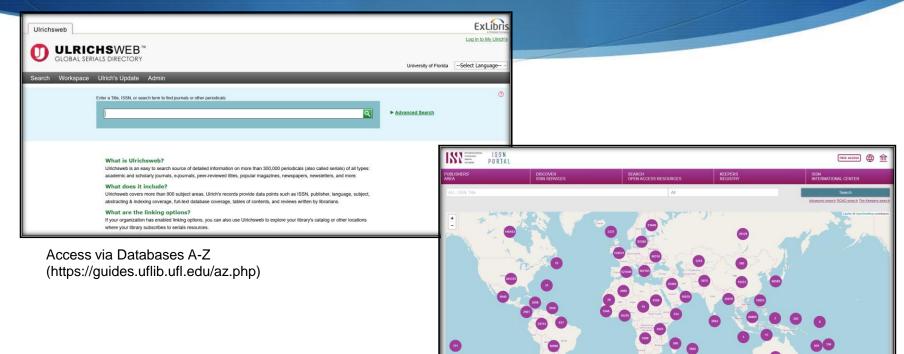
Publisher Examples



University Press publisher

Commercial publisher

Help Finding Information about a Publisher



Scholarly Impact

- Readership: Who reads this publication? Is this your target audience? Who can read current and archived issues? Is the publication Open Access?
- Indexing: Do reputable subject databases include content from this publication?
- Citation metrics

What is Open Access Publishing?

Open Access Week Oct. 25-31



Open Access (OA) Definition

- Green Self Archiving authors publish in a journal
 and archives a freely
 available version of the
 manuscript in their
 institution's repository, or
 in a national repository (for
 example, PubMed Central)
 or post them on other OA
 sites. Green journal
 publishers are those that
 allow self-archiving.
- Gold OA journals provide free, immediate access to the articles via publisher web sites that may or may not carry author fees. The Public Library of Science (PLOS) is an example.
- There are hybrid OA journals providing Gold OA for authors who pay an upfront-fee to publish on their journal's web site.





UF Invests in Open Access



Open Access: UF Invests in OA: Memberships & Discounts

Information for authors on the Libraries' investments to make open access publishing more affordable.

Overview

UF Invests in OA: Memberships & Discounts

Open Access Publishing Models

A variety of business and sustainability models are emerging to support open access publishing long-term. The Libraries directly support organizations, publications, and initiatives in the following ways:

Read & Publish: A Read & Publish agreement is an agreement in which the Libraries bundle payments for reading (library users are able to access and read published content) and publishing (authors are able to publish open access with no out-of-pocket costs) into a single contract. These are referred to as "transformative" agreements in that they seek to shift library funding away from traditional subscription-based reading and toward open access publishing. Examples include the Libraries' current agreements with Cambridge University Press and the Royal Society.

Memberships: Several content providers offer open access memberships. The Libraries pay annual membership fees which help not only to cover publication costs associated with making content open access, but often provide discounts for UF authors who wish to publish open access. Examples include the Libraries' current memberships with BioMed Central, Luminos, and Open Book Publishers.

Subscribe to Open: In this model, the Libraries receive a discount from publishers for annual subscription fees. If enough libraries continue to subscribe, the publisher will make the content open access and available to non-subscribers. An example is the Libraries' current agreement with Annual Reviews.

Status of UF Open Access Publishing Fund

After the conclusion of a four-year program, the UF Open Access Publishing Fund is now on indefinite hiatus. Administered by the Smathers Libraries and the Faculty Senate University Libraries Committee with support from the Provost's Office, the fund has supported nearly 400 open access publications since 2017.

Search this Guide

Authors may wish to inquire with their departments about other sources of funds, or with journals about potential fee waivers.

Memberships & Discounts

The Libraries partner with a range of publishers to pass on savings for open access publishing costs to our authors. In most cases, this comes in the form of a percentage discount on the article processing charge (APC); in other cases, all publications from UF authors may be published at no cost thanks to the Libraries' investments.

American Chemical Society - The Libraries subscribe to the complete journal package from the American Chemical Society and UF authors receive a 25% discount on APCs to make individual articles OA.

arXiv - The Libraries support this popular preprint archive by paying an annual fee. UF consistently ranks in the top 100 universities using arXiv.

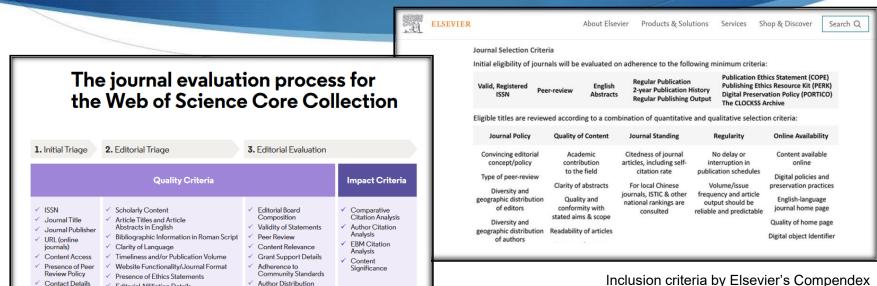
BioMed Central - The Libraries pay a membership fee to BioMed Central

Search

Scholarly Impact

- Readership: Who reads this publication? Is this your target audience? Who can read current and archived issues? Is the publication Open Access?
- Indexing: Do reputable subject databases include content from this publication?
- Citation metrics

Indexing by Reputable Databases



Editorial Affiliation Details

✓ Author Affiliation Details

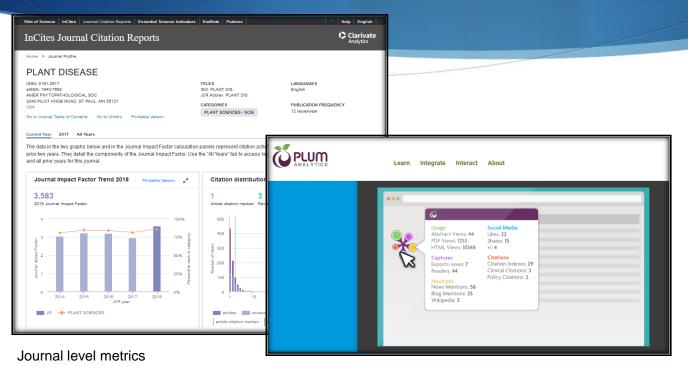
✓ Appropriate Citations

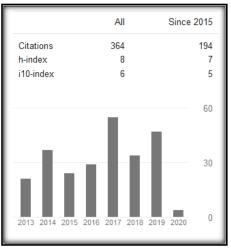
to the Literature

Scholarly Impact

- Readership: Who reads this publication? Is this your target audience? Who can read current and archived issues? Is the publication Open Access?
- Indexing: Do reputable subject databases include content from this publication?
- Citation metrics: Journal Impact Factor, Journal Citation Report, Scopus, SciMago, Eigenfactor.org, Publish or Perish, CWTS Leiden University, altmetrics, h-index, etc.

Research Metrics Examples





Author level metrics

Article level metrics

Evaluating Publishing Venues for Quality

Criteria

- 1. Appropriate scope
- 2. Quality content
- 3. Publisher
- 4. Scholarly impact
- 5. Author's rights
- 6. Professional ethics

Author's Rights

- Copyright and licensing: who owns the published content? Is the author permitted to post pre-prints? Are permissions for re-use detailed with a Creative Commons license?
- Transparency of all author-provided fees (Article Processing Charges, APCs)
- What is the expected duration for the review process?



Professional Ethics



https://publicationethics.org/

- How are alleged instances of research misconduct handled?
- Is the publisher a member of a scholarly publishing ethics organization such as Committee on Publishing Ethics (COPE)?
- Does the publication have a unique name and secure website to avoid mimicry?

Do Your Due Diligence to Avoid Untrustworthy Publishers

Is the Journal intentionally dubious or potentially fraudulent?

Assess the journal's

- Editorial Board Composition
- Peer Review Policy
- Transparent Fees



Beware Unsolicited Invitations



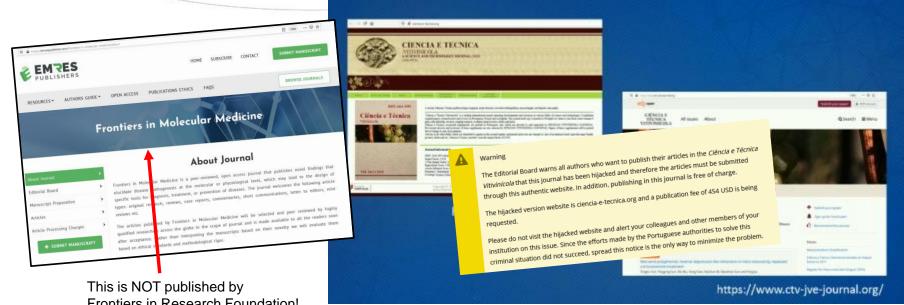
Dear Stapleton, SC,

Hope that you're having a good day.

We get to know your research paper titled "[title]", which has been published in [Journal Name], and the topic of the paper has impressed us a lot.

Due to your rich academic experience and excellent research accomplishments, we will feel honored if you could submit papers to our journal and join as an Editorial Board Member or Reviewer.

Examples of Mimicry



Frontiers in Research Foundation!

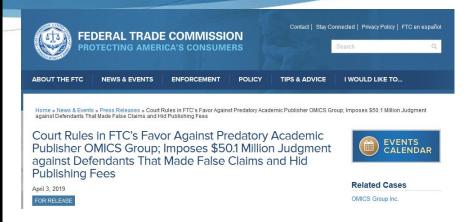
Predatory Publishers: The Case of OMICS Group

The Price for 'Predatory' Publishing? \$50 Million

The Federal Trade Commission accused Omics International, a publisher in India, of operating hundreds of questionable scientific journals. A federal judge agreed.



Following a complaint by the F.T.C., a federal judge has ordered a large publisher of online scientific journals to change its business practices – and to pay an enormous judgment. Alex Brandon/Associated Press.





Predatory Publishers: The Problems with Lists

Is there a list
I can check to
see if this
publication is
trustworthy?

Predatory Publishing Lists

- Jeffrey Beall's list today
- Cabell's Journalytics / Predatory Reports

Carefully choose where to share your scholarship











Choose the right journal for your research

https://thinkchecksubmit.org/ https://vimeo.com/151882443



Develop your skills as a scholarly author

There are many resources available

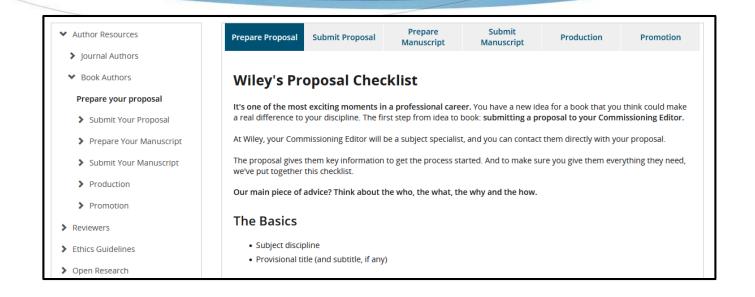
- Evaluate others' publications
- Complete trainings & tutorials
- Request reviews of your writing

As your experience grows,

Offer to serve as a peer reviewer



Publishers' Guidance for Book Authors: Example Wiley's Book Proposal Checklist



I hope you are now better able to...

 Use strategies and tools to identify credible outlets for your research

Understand warning signs of potentially fraudulent

publishers



"It is a common assumption that publications are the output of research. This is a simplistic understanding of the role of publication in science. Publication can just as well be seen as a (vital) part of the research process itself. Publications and citations constitute the scientific discourse."

Larsen & von Ins, 2010 doi: 10.1007/s11192-010-0202-z

Selected Relevant Resources

Search for Journals

- Library catalog for Journal Title https://ufl-flvc.primo.exlibrisgroup.com/discovery/search?vid=01FALSC_UFL:UFL&lang=en
- Ulrich's Global Periodical Directory: http://ulrichsweb.serialssolutions.com/
- ISSN Portal https://portal.issn.org/
- Web of Science InCites Journal Citation Reports http://journalprofile.clarivate.com/jif/home/
- Scimago <u>www.scimagojr.com</u>
- Journal/Author Name Estimator (JANE), https://jane.biosemantics.org/

Publishing Ethics

- Ethics of Authorship and Peer Review tabs in Responsible Conduct of Research LibGuide: http://guides.uflib.ufl.edu/stemrcr/
- Principles of Transparency and Best Practices in Scholarly Publishing:
 https://oaspa.org/principles-of-transparency-and-best-practice-in-scholarly-publishing/
- Committee on Publication Ethics (COPE), https://publicationethics.org
- Think. Check. Submit. https://thinkchecksubmit.org/
- Think. Check. Attend. https://thinkcheckattend.org/
- Navigating Questionable Publishing Practices (UF Faculty Senate presentation, 1/30/2020, 17 min) https://ufdc.ufl.edu/IR00011093/00001
- Deciding Where to Publish recording (version 3/18/2020, 43 min) https://ufdc.ufl.edu/IR00011124/00001

Thank you!

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