Mysteries of the Library: Revealed!
Peer Review

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• The recording link will be emailed in 1-2 days.
Mysteries of the Library: Revealed!
Webinar Series

• Monthly webinar on a library topic.
• Third Monday of the month at 8:30 p.m. Eastern.
• Next webinars will be:
  • Mysteries of the Library: Revealed! Boolean Operators, Monday, February 18, 8:30 pm ET
  • Mysteries of the Library: Revealed! Organization & Storage, Monday, March 18, 8:30 pm ET
Objectives

• Understand the peer review process
• Find peer-reviewed articles
• Verify that articles are peer-reviewed
What is peer review?

Peer Review is the process of subjecting an author’s scholarly work to the scrutiny of other scholars who are experts in the same field.

• A peer-reviewed journal is a journal that uses this process.

• Peer-reviewed journals sends submitted articles to reviewers (referees), who read and inspect the submitted works.
Peer Review Process

• Author(s) submit article to journal.

• Journal's reviewers review the article.

• Journal sends author(s) the reviewer comments.

• Author(s) make edits & re-submit article, if needed.

• Article accepted/rejected for publication, or may get further review comments & resubmission request.
Reviewer 1

This paper is clearly written and well organized. The introduction and background are reasonable given the premise of the paper. Figures and tables are comprehensive and helpful.

The paper generates the following kinds of data:
1) Bacterial isolates from a marine environment
2) Microbial materials collected on filters from coral and marine environments
3) Sequencing reads from bacterial isolates

As the reviewer I am unable to verify that the assemblies or read data are going to be publicly available. There is a note indicating that the data is being submitted to Genbank but it was not clear what data (reads, assemblies) was submitted.

We have submitted the raw reads to the short read archive and the assembled, annotated sequences to GenBank. We have also made all the annotations available to the guest account in RAST (username guest, password guest). We have added table 3 to the manuscript that includes all the appropriate accession numbers.

Dear Editors

We thank the reviewers for their generous comments on the manuscript and have made edits to the manuscript to address their concerns.

In particular all of the code we wrote is available and I have included multiple links throughout the paper to the appropriate code repositories.

We believe that the manuscript is now suitable for publication in
Benefits of peer review

• Peer review helps to ensure sound, high-quality research.

• Citing peer-reviewed research helps to provide the most authoritative support for your scholarly work.

• While peer-reviewed does not mean that the results or conclusions are definitive, it does support a healthy cumulative growth of knowledge in an area.
Types of Peer Review

Single Blind Peer Review
- Reviewers know who the author is
- Author doesn't know who reviewers are
- Reduces conflicts of interest

Double Blind Peer Review
- Reviewers don't know who the author is AND...
- Author doesn't know who the reviewers are
- Reduces bias
Types of Peer Review (cont'd.)

Open Peer Review

• Reviewers know who the author is
• Author knows who the reviewers are
• Reviewer/author commentaries sometimes published along with the article
Locate Peer-Reviewed Articles

• Look for the limiter in the database

• Look for the green icon by the database title
Verify Peer Review

- Ulrich’s Periodicals Directory

- Publisher’s Website
  - Developmental Psychology
  - Journal of Professional Nursing
Quick Answer: How do I find scholarly, peer-reviewed journal articles?

Quick Answer: How do I verify that my article is peer reviewed?
Have Questions? Need help?

• **Quick Answers**

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