

How to Publish a Research Paper

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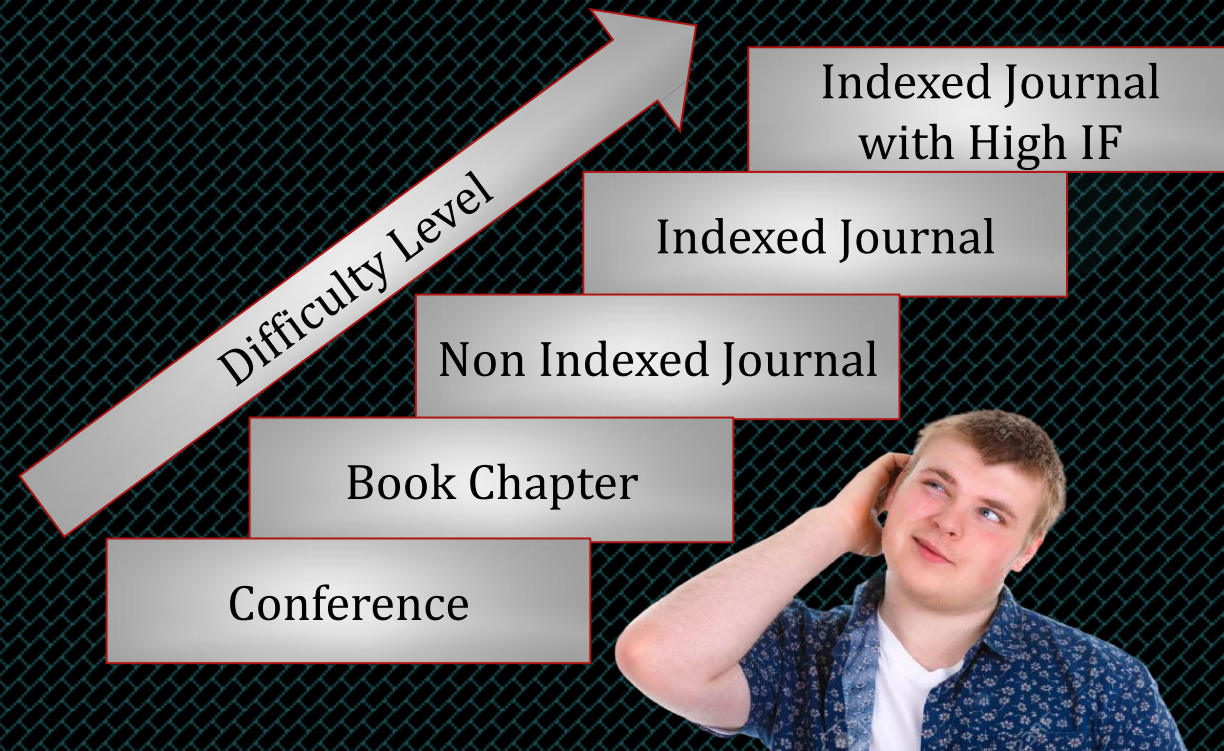
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Types of Research Papers

2



- ▶ Conference proceeding
- ▶ Chapter in a book
- ▶ Journal article



Types of Journal Papers

3



- ▶ Original research
 - Method paper
 - Hypotheses testing
 - Experimental paper
 - Descriptive paper
- ▶ Review article
- ▶ Case report
- ▶ Letter to the editor
- ▶ Short communication
- ▶ New perspectives
- ▶ Editorials

Some Good Journals for Science and Engineering

4



nature
research

CellPress

Science
AAAS

THE LANCET

OXFORD
UNIVERSITY PRESS

IEEE

ELSEVIER

Springer

SAGE
Publishing

PLOS

MDPI

IET

frontiers

WILEY

Hindawi

Criteria to be a Good Journal

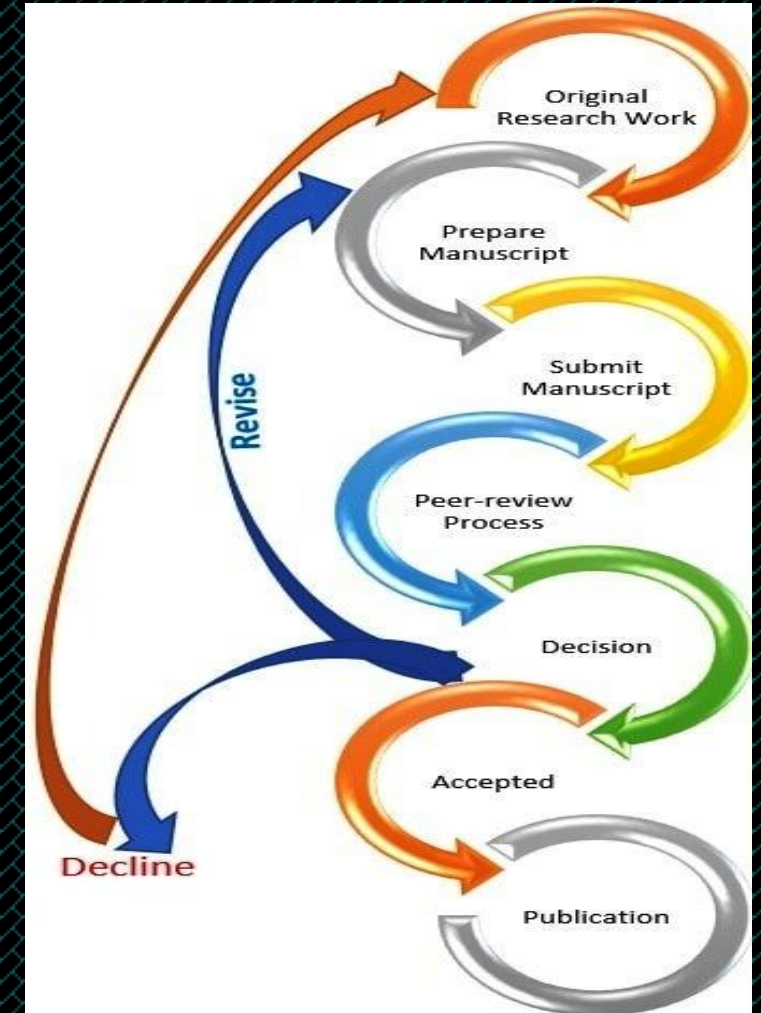
- ▶ Journal reputation/Business model
- ▶ Editorial quality
- ▶ Peer review process
- ▶ Impact factor
- ▶ Indexing status
 - Arts and Humanities Citation Index (AHCI)
 - Institute for scientific Information (ISI)
 - Science Citation Index (SCI)
 - Social Sciences Citation Index (SSCI)
 - SCImago Journal Rank (SJR)
 - Scopus

Processes of Publishing a Journal Article

6



- ▶ Pre submission activities
- ▶ Identifying a target journal
- ▶ Following the journal's instructions
- ▶ Submitting the manuscript
- ▶ Peer review process
- ▶ Understanding the decision process
- ▶ Revising the manuscript
- ▶ Submitting the revision
- ▶ Reviewing proofs
- ▶ Getting publication link and share with the community

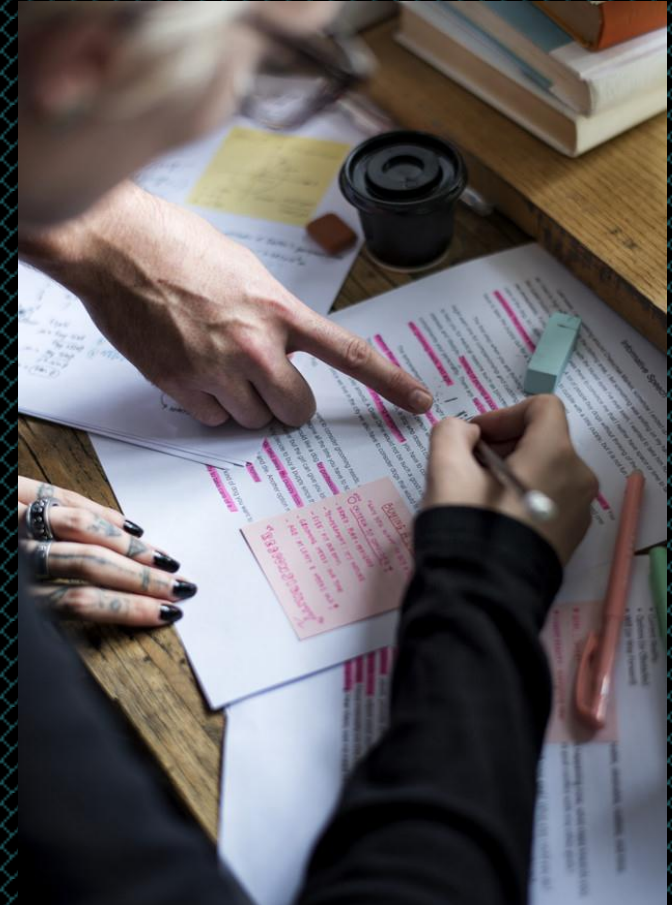


Pre-Submission Activities

7



- ▶ Final reading
 - Writing complete sentences, not too long, not too short
 - Using proper grammar, spelling and punctuation
 - Should be consistent in the use of tenses
 - Writing in reasonably sized paragraphs
- ▶ Revisiting references
- ▶ Checking plagiarism
 - 15 to 25% for journals, 30% for conferences; 5% from single source
- ▶ Artwork preparation
- ▶ Peer review



Identifying a Target Journal

8



While choosing a journal for publication, we should ensure the following:

- ▶ Does the subject of the article match with the journal's subject focus?
- ▶ Does the journal accept the article type we intend to submit?
- ▶ Is the impact factor in line with the requirements?
- ▶ Is the journal regarded as a prestigious one in its field?
- ▶ What is the turnaround time of the journal?
- ▶ Does the journal have an online edition?
- ▶ How many times a year is the journal published?
- ▶ What are the publication charges?

Tips

Journal finder software can help to identify a target journal.

[Elsevier Journal Finder](#)

[Springer Journal Suggester](#)

Following the Journal's Instructions

9



The following instructions should be considered carefully before submitting the manuscript:

- ▶ What is the maximum length of articles?
- ▶ What is the maximum length of abstracts?
- ▶ Does the journal have a submission template for articles?
- ▶ What sections should the article include?
- ▶ What guidelines should be followed regarding writing style?
- ▶ How many figures and tables are allowed?
- ▶ In what format should references appear?

Tips

LaTeX editor can help a lot to prepare the manuscript.

[Overleaf](#)

Submitting the Manuscript

10



- ▶ Traditional submission (by mail)
- ▶ Electronic submission
- ▶ Inclusion of required documents
 - Cover letter
 - Highlights
 - Manuscript*
 - Conflict of interest
 - Author biography
- ▶ Suggested reviewers

Initial Screening by the Journal

11



- ▶ For appropriateness of subject matter
- ▶ For compliance with instructions
- ▶ For overall quality



Peer Review Process

12



- ▶ Evaluation by experts in the field
- ▶ Purposes:
 - Helping the authors to improve the paper.
 - Helping the editor to decide whether or not the paper acceptable.



Understanding the Decision Process

13



- ▶ Based on the peer reviewers' advice, the editor makes a decision
- ▶ Options:
 - Acceptance without revision (a rare case)
 - Acceptance with minor revisions
 - Revise (major changes)
 - Reject (with encouragement to re-submit after extensive revisions)
 - Reject (submit to another journal)

Revising the Manuscript

14



The goal is to improve the paper and to get it accepted for publication.

- ▶ Revising the manuscript according to the reviewers' comments.
- ▶ Inclusion a letter (Rebuttal letter) saying what revisions were made.
- ▶ If we disagree with a requested revision, we should explain why in the rebuttal letter. We should try to find a different way to solve the problem the editor or reviewer identified.
- ▶ Respond sincerely, completely and politely.

Submitting the Revision

15



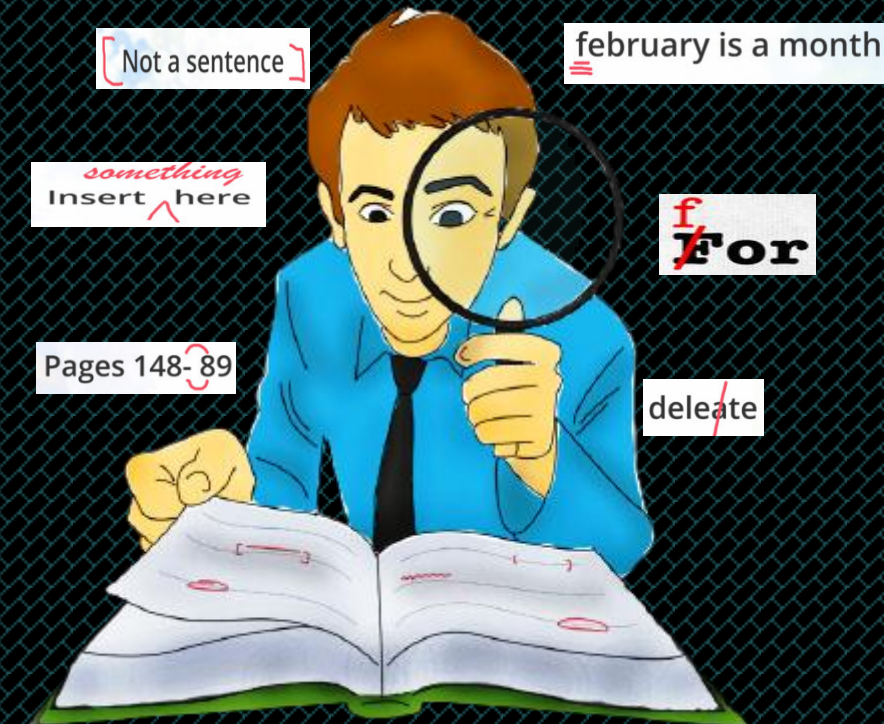
- ▶ We should submit revision promptly.
- ▶ Revising information in the submission portal if necessary
- ▶ Inclusion of required documents
 - Revised manuscript
 - Track changed manuscript
 - Rebuttal letter

Reviewing Proofs

16



- ▶ After acceptance, authors are sent proofs of their manuscript.
- ▶ We should check the title, author list, spelling, grammar, formatting, or scientific errors.
- ▶ All corrections must be approved by the publishing team.
- ▶ When all editorial issues are resolved, the paper will be formally accepted for publication.



Getting Publication Link and Share with the Community

- ▶ Finally, the published paper is in online.
- ▶ It should be shared with the community.
 - Facebook research group
 - ResearchGate
 - Google Scholar
 - Academia
 - ORCID



