

# How to write and publish a research paper?



# Agenda

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JUNE 2020

# Why to Write?

## Personal Ambition

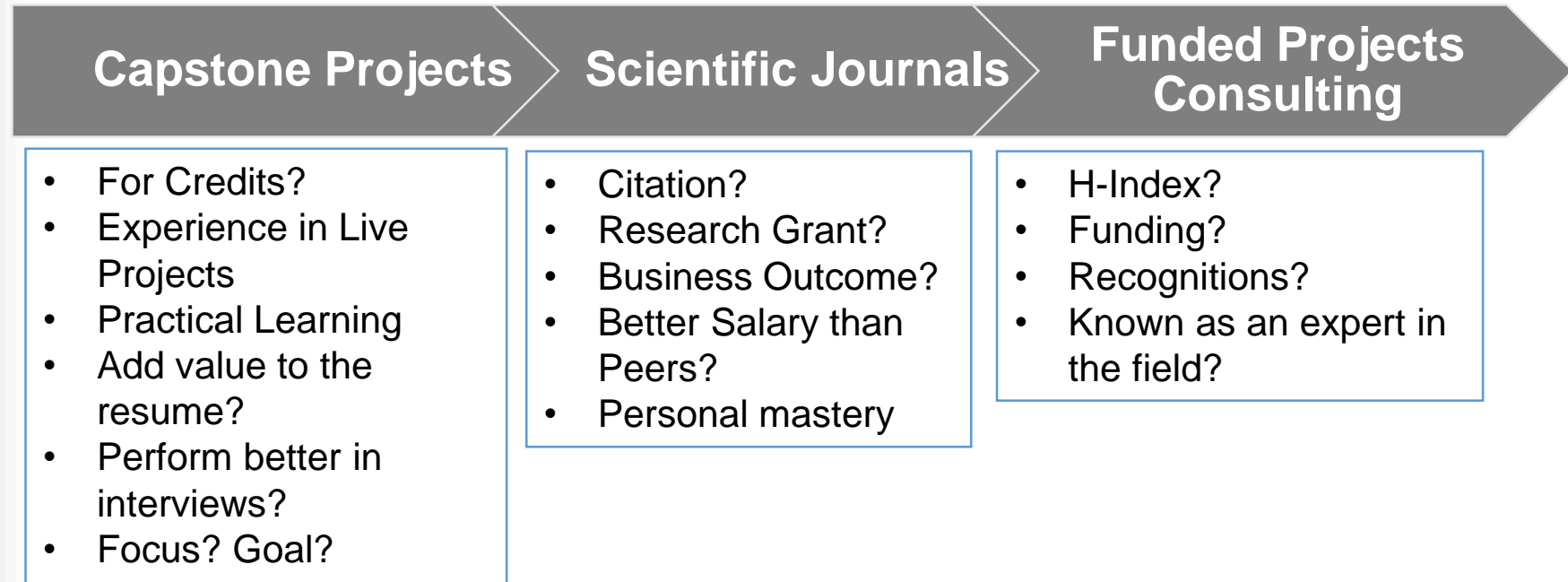
Pushing your limits

Focused Teamwork  
with a defined goal

Exponential  
Improvement in  
writing and  
presentation skills

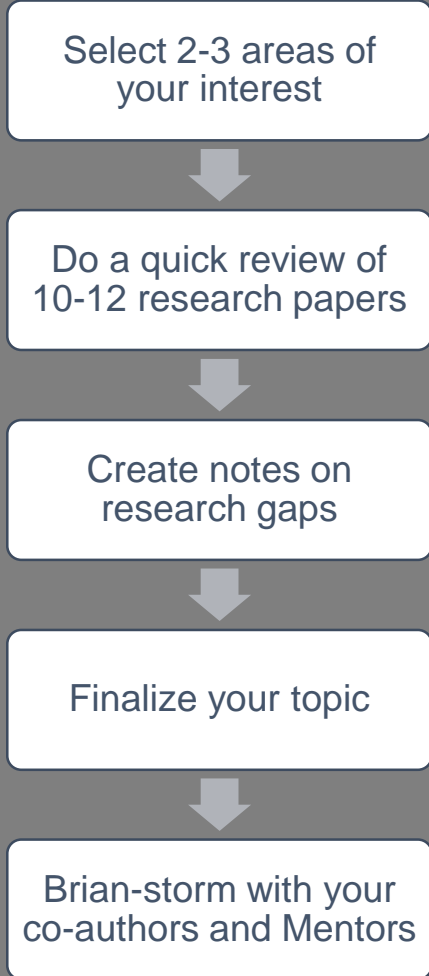
Journey as a writer

# Publish or Perish!



**Need to be updated on the developments in the field?**

# What to Write?



## Types of Papers



## Topics must be;

- Career Enhancing
- Have good understanding on the Target group
- Must align with the themes of the Target Journal/Conference
- Contributing to the current knowledge
- Must be futuristic with at least a shelf life of 3 years

# How to Write?

Use Conceptual maps

Excel Sheet  
templates

Make Notes

Kick Start!

Title

Abstract & Key words

Introduction

Literature Review

Methodology

Results

Discussions

Acknowledgement

References

**Sample Journal Paper:**  
Click [Here](#)

[Google Scholar](#)

[Sciencedirect](#)

[Arxiv.org](#)

[Academia.edu](#)

[Researchgate](#)

[MDPI Journals](#)

## Research papers/code Repositories

### University Access

#### You can remotely access

- IEEE Xplore
- Elsevier
- Springer
- IET
- ACM

### Free Code Repository

- GitHub
- GitLab
- BitBucket
- SourceForge
- Launchpad
- Google Cloud Source
- AWS CodeCommit

## Literature Review Template

No.	Author(s) & Year	Title of Paper	Methodology	Main Findings/Outcome	Constructs of Sustainability	PM Methodology	Limitation/Gaps in Literature	TBL Scope	Country of Origin
1	Madu et al. (2002)	A hierarchic metric approach for integration of green issues in manufacturing: a paper recycling application	Quantitative analysis by using analytic hierarchy procedure (AHP)	Authors came up with a hierarchic framework that integrates stakeholders and product designers to evaluate environmental burden. The framework is usable to any manufacturing projects	External factor (Stakeholder pressure)	LCA through input-output analysis	Difficult to replicate the same result as it is based on human decision and point of views	Environment	U.S.
2	Maxwell & van der Vorst (2003)	Developing sustainable products and services	Used Sustainable Product & Service Development (SPSD) approach by incorporating into Project Life Cycle	SPSD provided a practical approach for companies in order to achieve sustainable products and services. This was supported based on existing industry case studies.	External factors (Legal & market drivers)	LCA	N/A	Environment & Social	Ireland
3	Delmas & Toffel (2004)	Stakeholders and Environmental: Management Practices: An Institutional Framework	Empirical study by using publicly available databases & original data from survey at plant	The authors used institutional theory at the theoretical framework and proposed that stakeholders imposed normative and coercive pressures on companies	Coercive greater than Normative Pressure	N/A	No PM methodology but discussed about stakeholder management which is an area of knowledge from PMBOK	Environment & Social	U.S.
4	Zhu & Sarkis (2004)	Relationships between operational practices and performance among early adopters of green supply chain management practices in Chinese manufacturing enterprises	Empirical analysis from 186 respondents on GSCM practice in China manufacturing industry	Found multiple relationships among GSCM practices and performance	Coercive pressure from state regulation due to globalisation	N/A	Does not specifically mention what type of GSCM & no PM methodology is mentioned	Environment	China
5	King & Lenox (2004)	Industry Self-Regulation Without Sanctions: The Chemical Industry's Responsible Care Program	Quantitative analysis with empirical methodology	Findings shown that effective industrial self-regulation is difficult to maintain without the necessary explicit sanctions	Normative pressure	N/A	N/A	Environment & Social	U.S.
6	Labuschagne & Brent (2005)	Sustainable Project Life Cycle Management: the need to integrate life cycles in the manufacturing sector	Authors introduced a Sustainable Project LC management framework	Claimed that current Project Management methodology does not efficiently address the three constraints of sustainable development.	Coercive Pressure	LCA	Does not specify pressures were from internal or external pressure	Environment & Social	South Africa

## How to review?

### Literature Review Template (Sample Only)

Paper Title	Authors	Journal and Year	Objective	Research Design	Data Description	Techniques	Findings	Research Gap

**This is a must  
step to do  
before writing  
the abstract**

- Read at least 10 research papers
- Create a consolidated table using the template with Excel
- Identify the research gap which you may pursue



# How to Cite?

## Benchmark

## Abstracts

Cite at least 10-12 papers

## Final paper

30-40 paper

Paraphrase!

Give Credit to the author!

## Google Scholar Citation

The screenshot shows the Google Scholar interface. The search bar contains 'covid analytics nature'. A list of articles is displayed on the left. A 'Cite' popup window is open, showing citation options for the selected article: 'lenca, Marcello, and Effy Vayena. "On the responsible use of digital data to tackle the COVID-19 pandemic." *Nature medicine* 26.4 (2020): 463-464.' The popup includes options for MLA, APA, Chicago, Harvard, and Vancouver styles, as well as links to BibTeX, EndNote, RefMan, and RefWorks.

Use the **APA style** of referencing (**Cite** “option from Google Scholar article”)

[How to use MS Word with Referencing](#)

Video Link

## MS Word Referencing

The screenshot shows the Microsoft Word ribbon with the 'References' tab selected. The ribbon includes options for 'Table of Contents', 'Footnotes', 'Citations & Bibliography', 'Captions', 'Index', and 'Table of Authorities'. The 'Citations & Bibliography' group is expanded, showing options for 'Insert Endnote', 'Insert Footnote', 'Show Notes', 'Insert Citation', 'Manage Sources', 'Style: APA', 'Bibliography', 'Insert Table of Figures', 'Update Table', 'Cross-reference', 'Mark Entry', 'Insert Index', 'Update Index', 'Mark Citation', and 'Insert Table of Authorities'.

## Where to Publish?

<https://journalfinder.elsevier.com/>

Check the Journals  
in your own literature  
review



Understand Author  
Guidelines



Cite Papers from the  
Journal

### Listing

- Scimago (Scopus Indexed)
- Open Access
- Web of Science
- UGC Indexed

### Index

- Impact factor (Highest – Nature)
- SJR Ranking
- Cite score

### Typical Time line

- Conferences:  
**2 months**
- Journals:  
**3 months to 2 years**

**Do Follow Scientific Research Writing Protocols**

**Paraphrase to get Plagiarism Score Less than 5%**

(Turnitin through University)

# Opportunities and Support

REVA E-Library  
with IEEE papers  
access on RDP

Free Plagiarism  
Check

Co-author with  
Mentors

Mentoring and  
Editing Support

Publishing Support

	Join Ongoing Research projects	<ul style="list-style-type: none"><li>• Conversational AI</li><li>• Security Analytics</li><li>• Healthcare Analytics</li><li>• Enterprise Analytics</li></ul>
	Initiate New Projects	<ul style="list-style-type: none"><li>• For Funding</li><li>• Write Proposals</li><li>• For Product Development</li></ul>
	Conferences and Journals	<ul style="list-style-type: none"><li>• IISC – June 12<sup>th</sup></li><li>• IEEE Con – June 12<sup>th</sup></li></ul>

## Next Course of Action

### **Submit a one pager abstract before 10<sup>th</sup> June**

- Title
- Authors Details
- The overall purpose of the study and the research problem(s) you plan to investigate
- Design of the proposed study
- Proposed outcome and findings of the study

For samples refer RACE LMS>Research

- [How to find Suitable Journal - Publish for free -SSCI | Scopus | GoogleScholar](#)
- [How to Write a Good Scientific Paper](#)

## A few links

# Questions



*Thank  
you!*

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