Basic structure of a Journal-Style Scientific Paper

Content
Title
What did I do in a nutshell?
Keywords

What is the problem?
How did I solve the problem?
What did I find out?
What does it mean?

Who helped me out?
Whose work did I refer to?

Section of Paper
Title
Abstract
Keywords

Introduction
Materials and Methods
Results
Discussion
Conclusion

Acknowledgments (optional)
References

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Title

Compose a title that is simple, attractive and accurately reflects the investigation -Phrases to avoid: Investigation, Study, Novel, Facile etc. -Avoid Acronyms that are known only to specialized community

Less is More
try to get it right

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Abstract (200-300 words limit)

First couple of sentences should focus on what the study is about.
Include major findings in a style that a general readership can read and understand (i.e., avoid detailed experimental procedures and data.)
Keep it short and effective. -Be creative in generating curiosity
The Abstract helps readers decide whether they want to read the rest of the paper, or it may be the only part they can obtain via electronic literature searches or in published abstracts.

Less is More

simple and informative

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Keywords

5-6 Keywords relevant to your research:

Design

VR
Consumerism
Sustainability…

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Introduction

Start the section with a general background of the topic (context)

Add 2-3 paragraphs that discuss previous work (Literature, references)

Point out issues that are being addressed in the present work.

Briefly explain your rationale and approach and, whenever possible, the possible outcomes your study can reveal.

"What was I studying? Why was it an important question? What did we know about it before I did this study? How will this study advance our knowledge?"

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Materials and Methods

explain clearly how you carried out your study in the following general structure and organization (details follow below):

the design research

provide a description of the study and methods

how the project was developed, iterations

Was it exhibited?

What were the results, public impressions?

how the data were analyzed (qualitative and/or quantitative)

Results

The function of the Results section is to objectively present your key results, without interpretation, in an orderly and logical sequence using both text and illustrative materials

Discussion

Things to improve

Future work

Iterations

Insights during the process and revisions

Limitations

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Conclusions

Include major findings followed by brief discussion on future perspectives and/or application of present work to other disciplines.

Important: Do not rewrite the abstract.

Statements with "Investigated" or "Studied" are not conclusions!

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Acknowledgments

Remember to thank your collaborators, contributors, funding agency and Colleagues/scientists/technicians who might have provided assistance.

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References

Numbered or alphabetical order

The styles vary for different journals.

(Use ENDNOTE, RefWorks)

Some journals require complete titles of the cited references

Check for the accuracy of all citations