Scientific Writing Notes & Tips

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Writing a paper is similar to tell a story: a good story line is essential

- > Why
- > How
- > What

Writing a paper is similar to tell a story: a good story line is essential

- Why is this work important?
- ➤ How did you do it?
- What did you find?

- > Title:
- > Abstract:
- > Introduction:
- > Methods:
- > Results:
- > Discussion:
- > Conclusion:

- > Title: a concise reflection of the main objective/conclusion
- Abstract: a brief description of data/method used in the study and main findings
- Introduction: describing the state of knowledges and motivation
- Methods: describing data, model, analysis methods
- Results: describing the findings based on the data presented in the paper
- Discussion: discussing the results and their interpretation, and possible weakness/discrepancies
- Conclusion: summarizing the main findings, any limitations, and areas of future research



> Title: the face

Abstract: the skeleton

> Introduction:

Methods:

> Results:

> Discussion:

> Conclusion: -

the vital organs

> Title: the face

Abstract: the skeleton

> Introduction: Why

Methods:Results:

Discussion:Conclusion:

Other Tips & Notes

Concise writing:

- each sentence helps support the topic
- do not present unnecessary or irrelevant information
- all acronyms are defined first before using them

Good figures:

- all figures should be content relevant
- use appropriate color scales and label sizes
- use clear symbols and lines
- avoid crowed graphics

Proper English grammas:

- typos, improper use of articles and tense
- unconventional English writing
- > Revise, revise, revise!!!
 - careful proofreading before submission

