

The enlightenment I get in writing science

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Core enlightenment

I experienced ...

- Misunderstandings
- Unrelated questions
- Unreasonable suggestions
- Impatient readers/reviewers
- Rejections

The essence of writing

- Writing is **communication**
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- Logical **structure**: Opening **C**hallenge **A**ction **R**esolution (OCAR)
- By engaging, succinct, vivid, inspiring, accurate, and elegant language

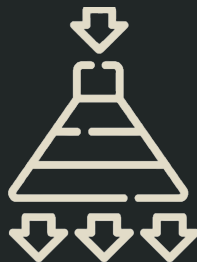
Opening **C**hallenge **A**ction **R**esolution

Action (Methods & Results)

- Methods
 - **Lead-development** structure
 - Example @?
 - Reproducible
- Results
 - What to report? **Guided by research questions.**
 - How to report? **Depurate:** data, information, knowledge, understanding @?

Resolution (Conclusion & Discussion)

- OCAR structure
- Resolution: take home message
 - Results
 - Conclusions
 - Applications / Practical significance
- End up with questions
- Example @?



- Books

- Strunk Jr W, White E B. The Elements of Style Illustrated[M]. Penguin, 2007.
- Schimel J. Writing science: how to write papers that get cited and proposals that get funded[M]. OUP USA, 2012.
- Bolker J. Writing your dissertation in fifteen minutes a day: A guide to starting, revising, and finishing your doctoral thesis[M]. Holt Paperbacks, 1998.

- Essays

- Wolfe J. How to Write a PhD Thesis. University of New South Wales. Sydney, Australia, 2002[J].

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- Implementing by a logical structure: **OCAR**