How to write a scientific paper - memory refresh card

purpose: to share the knowledge with peers; to tell the story
preparation: read sufficiently before writing

writing tips:
- clearly, briefly, understandably - no shortcuts, clear sentences, stick with the idea
- context - how my work contributes to the whole field
- structure - follow typical template, keep structure clear, consistent referencing in text
- language - proper spelling leads to good understanding; use field terms
- abstract - is miniaturized paper; what, how, why, result, conclusion

table vs chart:
table is for displaying: precise values, overview of values, many values
chart is for displaying: relations, trends, actions, procedures
- → line chart for change over time; bar chart for comparison; pie chart for proportions
- → remember the colourblind people and black & white printing!

ethic:
proper citing (format, people, reasonable works), check out - one time is no time, do not offer your paper to two journals at the same time, stay away from predatory journals, do not judge - stay unbiased

How to choose the right journal for my paper - memory refresh card

Create a scale and evaluate properties of the journal, for example like that:

field: How much is this journal relevant to my field? Does my audience read it?

productivity: How many articles issues this journal? How fast does it issue?

experiences: Does somebody know this journal? My friend, colleague, mentor…?

indexes: Impact Factor, SJR, CiteScore, PlumX… Consult with your librarian, what do these really mean!

credibility: Who issues this journal? Who is the editor? Who is on the editorial board?

class: Do I really want to publish in this?

ethic: Is this predatory journal? Do all my colleagues agree with publication in this journal?

access: Do I want open access to my work? Should access be stable? Electronic or printed?

reputation: Is this journal in citation indexes? Is it included in professional databases?

rewards: Is there any reward for publishing in this journal?