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Instructions. Choose an area of recent or active research in your specialization. Describe one or more results or ongoing research projects in this area. Your audience is your classmates: that is, fellow scientists from different fields. You should not assume that your audience has in-depth knowledge of your specialization, but you should assume that they have training in some field of science and can follow a technical or quantitative discussion. My informal suggestion: find a topic that you find interesting and want more people to know about. Remember that these research summaries will be used as the basis for interdisciplinary project proposals.

Points to consider:

- What is the main research question under consideration? What is its significance?
- What experiments were performed? What were some of the considerations that went into the experimental design?
- What new result was discovered? What are some remaining open questions?

Required: your summary must include some quantitative content. This can be a statistical analysis, a mathematical proof, a calculation involving measured quantities...

The overall format of your summary is up to you. You may wish to break up the document into sections. The tone does not have to be quite so formal as an academic publication, but you can explain and use the appropriate technical language for your field.

Length. 2000 words/roughly 3 - 5 pages.

References. Provide a list of references, using an academic format of your choice. Use in-line citations as needed.

My topic:

Advanced Materials for Water Purification; The creation of new compounds and materials, such as metal-organic frameworks and nanomaterials, with the goal of improving their ability to remove a variety of pollutants.

I have attached two sources, but I would want you to do some research and find some good sources, my sources are not good and use them as your reference.



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