

CHEM495 Chemical Topic Review Article Assignment

The purpose of this assignment is to allow you to explore your chosen topic in a high level of detail by applying the concepts and techniques you have learned as a chemistry major.

Your review article must adhere to the following guidelines in order to satisfactorily complete the assignment. Failure to include any of the elements listed below will be considered “not satisfactory” and may result in an “F” for this course.

The final assignment must be uploaded into Blackboard by the due date. Failure to complete this will result in an “F” for the course.

- 1) Your article must be between 7 and 8 pages in length. Twelve point, double – spaced, Times New Roman font must be used for body text.
- 2) Your discussion of your topic must include:
 - a. Relevant scientific papers from the field
 - b. A discussion of key methodologies used in the field
- 3) Figures must adhere to the following guidelines:
 - a. All figures are limited in size to 4”x5”
 - b. You are only allowed to have 4 total figures.
 - c. Each figure must have a numbered figure caption underneath it. The caption text must clearly indicate what is in the figure. The figure caption text must be 8 point font.
 - d. If you use a figure that you didn’t design, you must cite it in the figure legend! **Failure to do so will be considered plagiarism.**
 - e. The figures must be included as part of the text and referred to in the text.
- 4) References
 - a. You must have **at least 5 references from peer-reviewed scientific articles** for your topic.
 - **Use SciFinder or PubMed to find peer-reviewed articles**
 - You may use as many non-peer-reviewed sources (including websites) as you wish, but be sure to properly cite them.
 - b. Citations must follow American Chemical Society guidelines (with titles). See the Useful Links section of the course webpage.
 - c. Your references MUST be specific to your topic.
- 5) Plagiarism of any form will result in no credit for the assignment, and therefore a grade of “F” for the course.

The point of this assignment is to show what you have learned during your tenure as a chemistry major by selecting, researching, interpreting and writing a review paper about a topic in chemistry. This rubric is only intended to provide a minimum set of guidelines for you to work from. Your score on this assignment will be included in University and external assessments of our Chemistry Department effectiveness. The more your work reflects the spirit of the assignment, the better you look, and the better the department looks. Think about this as you complete the assignment.