

3.093 Forward Citation Assignment

Due October 24

Tracing an Idea Backwards and Forwards in Time

For this assignment, you will be given a “classic” paper in chemistry or materials science. Your task is to find out who the author of the classic paper cited in his/her work (tracing backwards) and then who cited the classic paper (tracing forwards).

- Choose one classic paper to begin with.
- Using an appropriate science article database, search for the classic paper to find the complete citation. Provide the full citation for this article.
- Find a copy of the full text of the article (indicate whether you found the full text online or in print, and which library it was in). Provide complete citations for at least 3 papers cited in this article.
- Use the appropriate index or database to determine how many times this paper has been cited since it was published. Provide complete citations for at least 3 papers that have cited the classic article.
- Based on your search, how important is the classic article?
- Keep a research log to record your search process.

ARTICLES TO CHOOSE FROM:

“C₆₀: Buckminsterfullerene” in *Nature*, November 1985.

“Organic electroluminescent diodes” in *Applied Physics Letters*, September 1987.

“Electrical Conductivity in Doped Polyacetylene” in *Physical Review Letters*, October 1977.