

MSE 4241

Homework #4 (10% of grade)

Due Apr 2 (NEXT Thursday)

1. For your final presentation topic, write a typical 1 page paper summary (as we do often in this class) about the article you have elected to cover.
2. For your topic, find and reference 2 sources on this topic from scientific literature. Use Web of Science (WoS) from the UConn library online access (good journals to pull from are Nature Materials, Nature Nanotechnology, Science, Nature, ACS Nanotechnology, Nanotechnology, Nanoletters, Applied Physics Letters, etc.
3. What are the mechanisms by which quantum-dot based solar cells work?
4. Find and describe an application that uses MEMS (NOT AFM, DLP, or airbag sensors). This may require some literature searching.