

MATRL 265 Class 7: Carbon Nanotubes

1. Structure and theory:

J. C. Charlier, Defects in Carbon Nanotubes, *Acc. Chem. Res.* **35** (2002) 1063-1069. [DOI](#)

2. Synthesis and patterning:

H. Dai, Carbon Nanotubes: Synthesis, Integration, and Properties *Acc. Chem. Res.* **35** (2002) 1035-1044. [DOI](#)

3. Precursor routes:

C. N. R. Rao and A. Govindaraj, Carbon Nanotubes from Organometallic Precursors *Acc. Chem. Res.* **35** (2002) 998-1007. [DOI](#)

4. Stuffing and the associated microscopy:

J. Sloan, A. I. Kirkland, J. L. Hutchison, and M. L. H. Green, Structural Characterization of Atomically Regulated Nanocrystals Formed within Single-Walled Carbon Nanotubes Using Electron Microscopy *Acc. Chem. Res.* **35** (2002) 1054-1062. [DOI](#)