

Appendix C

Publication lists

1. Zeng H B, Yang L, Cai W P, May P W, Photoluminescence of metastable ZnO nanostructures, a chapter in *Photoluminescence Research Development*, Nova Science Publishers, in press, 2008.
2. Yang L, May P W, Yin L, Self-assembled hierarchical nanostructures by liquid phase pulsed laser ablation, a chapter in *Nanotechnology Research Advances*, Nova Science Publishers, in press, 2007.
3. Yang L, May P W, Huang Y Z, Yin L, Hierarchical architecture of self-assembled carbon nitride nanocrystals, *J. Mater. Chem.*, 2007, **17**, 1255.
4. Yang L, May P W, Yin L, Scott T B, Growth of ZnO nanostructures from aqueous solution by pulsed laser ablation, *Nanotechnology*, 2007, **18**, 215602.
5. Yang L, May P W, Yin L, Huang Y Z, Smith J A, Scott T B, Symmetric organization of self-assembled carbon nitride, *Nanotechnology*, 2007, **18**, 335605.
6. Yang L, May P W, Yin L, Brown R, Scott T B, Direct growth of highly organized crystalline carbon nitride from liquid phase pulsed laser ablation, *Chemistry of Materials*, 2006, **18**, 5058.
7. Yang L, May P W, Yin L, Scott T B, Smith J A, Rosser K N, Growth and characterization of self-assembled carbon nitride leaf-like nanostructures, *Nanotechnology*, 2006, **17**, 5798.
8. Yang L, May P W, Yin L, Smith J A, Rosser K N, Growth of diamond nanocrystals by pulsed laser ablation of graphite in liquid, *Diamond Relat. Mater.*, 2007, **16**, 725.
9. Yang L, May P W, Yin L, Smith J A, Ultrafine carbon nitride nanocrystals

synthesized by laser ablation in liquid solution, *Journal of Nanopart. Res.*, 2007, **9**, 1181. (also published in proceeding *Nanotech 2006 conference*, Nano Science and Technology Institute, Boston, 2006, **1**, 142)

Portions of this thesis are based on the papers listed above, in particular:

- Chapter 4 is in part based on papers 6, 7 and 9.
- Chapter 5 is in part based on papers 3 and 5.
- Chapter 6 is in part based on paper 4.
- Appendix A is in part based on paper 8.