

## Dr. Yuanxin Zhou Publication (2008-now)

### **BOOK CHAPTER**

- 1: An Experimental and Analytical Study of Unidirectional Carbon Fiber Reinforced Epoxy Modified By SiC Nanoparticle *Composite Materials Research*, Edited by Lucas P. Durand, Nova Science Publishers, 2008.
- 2: Improvement in Thermal, Mechanical and Electric Properties of Multi-wall Carbon Nanotube Reinforced Epoxy and Carbon/epoxy Composite *New Nanotechniques*, Edited by A. Malik and R.J. Rawat, Nova Science Publishers, 2009.
- 3; Fabrication and characterization of polypropylene fiber reinforced by carbon nanofiber *Nanofibers: Fabrication, Performance, and Applications*, Editors by

7. **Yuanxin Zhou**, Farhana Pervin, Shaik Jeelani and P.K. Mallick, Improvement in mechanical properties of carbon fabric epoxy composite using carbon nanofibers *Journal of Materials Processing Technology*, Volume 198, Issues 1-3, 3 March 2008, Pages 445-453
8. **Yuanxin Zhou**, Farhana Pervin, Lance Lewis and Shaik Jeelani, Fabrication and characterization of carbon/epoxy composites mixed with multi-walled carbon nanotubes *Materials Science and Engineering: A*, Volume 475, Issues 1-2, 25 February 2008, Pages 157-165
9. Jonse I.K., **Yuanxin Zhou**, Jeelani S., Mabry J.M., Effect of polyhedral-oligomeric-sil-sesquioxanes on thermal and mechanical behavior of SC-15 epoxy, *Express Polymer Letters*, (2)2008: 494-501.
10. B. Bey, **Yuanxin Zhou**, Shaik Jeelani, Ashok Kumar and L.D. Stephenson, Nonlinear constitutive equation for temperature degraded unidirectional carbon fiber reinforced epoxy, *Materials Letters*, Volume 62, Issues 21-

7. M. S. Shaik, **Yuanxin Zhou**, Thomas Lacy, M. F. Horstemeyer, Experimental Study on Strain Rate Sensitivity of Aligned Carbon Nanofiber Reinforced Polypropylene, ICHMM-2008, Huangshan, China, June 3-June 8, 2008.