

Selected Publications

J. Zhu, S. Wei, * S. B. Rapole, Q. Wang, Z. Luo, N. Haldolaarachchige, D. P. Young and Z. Guo, One-pot Synthesis of Magnetic Graphene Nanocomposites Decorated with Core@Double-Shell Nanoparticles for Fast Chromium Removal, *Environ. Sci. Technol.*, 46(2), 977-985 (2012)

S. Wei,* J. Sampathi, Z. Guo, N. Anumandla, D. Rutman, A. Kucknoor, L. James and A. Wang, Nanoporous PMMA-Qdots Nanocomposite Fibers towards Biomedical Applications, *Polymer*, 52, 5817-5829 (2011)

Y. Li, R. Patil, S. Wei* and Z. Guo*, Electron Transfer and Trapping in Natural p-n Bipolar Polymer-Based Bilayer Films, *J. Phys. Chem. C*, 115 (46), 22863-22869 (2011)

S. Wei, R. Patil, L. Sun, N. Haldolaarachchige, X. Chen, D. P. Young, Z. Guo, Ex-Situ Solvent-Assisted Prepared Magnetic Polypropylene Nanocomposites Filled with Fe@FeO Nanoparticles, *Macromol. Mater. Eng.*, 296(9), 850-857 (2011)

S. Wei,* P. Mavinakuli, Q. Wang, D. Chen, R. Asapu, Y. Mao, N. Haldolaarachchige, D. P. Young and Z. Guo, Polypyrrole-Titania Nanocomposites Derived from Different Oxidants, *J. Electrochem. Soc.*, 158(11), K205-K212 (2011)

J. Zhu, S. Wei, Y. Li, L. Sun, N. Haldolaarachchige, D. P. Young, C. Southworth, A. Khasanov, Z. Luo, and Z. Guo, Surfactant-free Synthesized Magnetic Polypropylene Nanocomposites: Rheological, Electrical, Magnetic and Thermal Properties, *Macromolecules*, 44(11), 4382-4391 (2011)

D. Zhang, S. Wei,* C. Kaila, X. Su, J. Wu, A. B. Karki, D. P. Young, and Z. Guo*,