

Publications (only some):

Eftekhari, S., El Sawi, I. **Turcotte, G.**, and Bougherara, H. Fabrication and characterization of novel biomimetic PLLA/ cellulose/ hydroxyapatite nanocomposite for bone repair applications. *Mat. Sci. Eng. C*, Submitted Sept. 4, **2013**.

Baig, K. S., Wu, J., **Turcotte, G.**, and Doan, H.D. Kinetics of wheat straw lignin removal with ozone. *Environ. Eng. Manag. J.*, Submitted July 10, **2013**.

Baig, K. S., **Turcotte, G.**, Wu, J., and Cheng, C.- H. Strategic ozonation of wheat straw to delignify for use in biofuel production. *Energy & Environ. J.*, Accepted Aug. 13, **2013**.

Fathi Roudsari, S., **Turcotte, G.**, Dhib, R. and Ein-Mozaffari, F. CFD modeling of the mixing of water in oil emulsions. *Comp. Chem. Eng.* 45:124-136, **2012**.

Gu, H., Wu, J., Chan, P., **Turcotte, G.** and Ye, T. Hydrophobicity modification of polypropylene microfiltration membrane by ozonation. *Chem. Eng. Res. Design* 90:229-237, **2012**.

Patel, D., Wu, J., Chan, P., Upreti, S., **Turcotte, G.** and Ye, T. Surface modification of low density film by homogeneous catalytic ozonation. *Chem. Eng. Res. Design* 90:1800-1806, **2012**.

Patents:

Bae, H.-J., Hwang, I., Laberge, S. and **Turcotte, G.** Transgenic Plants Expressing Cellulase for Autohydrolysis of Cellulose Components and Method for Production of Soluble Sugar. WO/2006/011779.

Bae, H.-J., Hwang, I., Laberge, S. and **Turcotte, G.** Transgenic Plants Expressing Cellulase for Autohydrolysis of Cellulose Components and Method for Production of Soluble Sugars. Korean Patent KR/30.07.04/ KRA **2004060618**.