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### Publications:

1. Pakkethati K., Boonmalert A., Chaisuwan T. and Wongkasemjit S. (2011) Development of polybenzoxazine membranes for ethanol/water separation via pervaporation, Desalination, 267, 73-81.
2. Pakkethati K., Tungsattabutratt N., Chaisuwan T. and Wongkasemjit S. High performance of polybenzoxazine membranes for ethanol-water separation via pervaporation technique, Mater. Res. Innovations,
3. Chaisuwan T., Pakkethati K., Ployangoonsri N. and Wongkasemjit S. Hybrid polybenzoxazine composite membrane for CO<sub>2</sub>/CH<sub>4</sub> separation, J. Appl. Polym. Sci., submitted.
4. Pakkethati K., Chaisuwan T., Wongkasemjit S. and Jamieson A. M. Static and dynamic light scattering study of polybenzoxazine in dioxane, to be submitted.

### Presentations:

1. Pakkethati K., Gulari E. and Wongkasemjit S. (2006, July) Photocatalytic oxidation of reactive black 5 dyes by Mo-MCM-41, ZMPC2006 International Symposium on Zeolites and Microporous Crystals, Yonago, Tottori Prefecture, Japan (poster presentation)

2. Pakkethati K., Boonmalert A., Chaisuwan T., and Wongkasemjit S. (2009, March 22-26) Development of polybenzoxazine membranes for ethanol/water separation: Effect of mixture contents on sorption and swelling behaviors, American Chemical Society 237<sup>th</sup> ACS National Meeting & Exposition, Salt Lake City, UT, USA (oral presentation)
3. Boonmalert A., Pakkethati K., Chaisuwan T., and Wongkasemjit S. (2009, March 22-26) Development of polybenzoxazine membranes for ethanol/water separation, American Chemical Society 237<sup>th</sup> ACS National Meeting & Exposition, Salt Lake City, UT, USA (poster presentation)
4. Pakkethati K., Boonmalert A., Chaisuwan T. and Wongkasemjit S. (2009, May 18-22) Development of polybenzoxazine membranes for ethanol/water separation, The International Center for Materials Research (ICMR) Thermal Conductivity and Related Transport Properties of Oxides, The University of Florida , Gainesville , USA (poster presentation)
5. Tungsattabud J., Pakkethati K., Chaisuwan T. and Wongkasemjit S. (2010, March 21-25) Development of polybenzoxazine membrane for ethanol/water separation, American Chemical Society 239<sup>th</sup> ACS National Meeting & Exposition, San Francisco, California, USA (poster presentation)
6. Pakkethati K., Tungsattabutrat N., Chaisuwan T. and Wongkasemjit S. (2011, March 20-24) High performance of polybenzoxazine membranes for ethanol-water separation via pervaporation technique, Polychar 19, Kathmandu, Nepal (poster presentation)