

Polymerization in Nano-Scales

1. Ultrahigh molecular weight syndiotactic polystyrene nanofibrils in silica nanotube reactors (K. Y. Choi, J.J. Han, B. He, S.B. Lee), **Journal of American Chemical Society**, *130*, 3920-3926 (2008).
2. Silica nanotube reactors for catalytic polymerization of styrene and olefins (J.J. Han, S.Y. Lee, S.B. Lee, K.Y. Choi), *Macromol. Symp.* **289**, 25-32 (2010).
3. Kinetics of styrene polymerization to syndiotactic polystyrene over metallocene catalyst on flat surface, silica nanotube reactors and porous silica particles (S.Y. Lee, S.K. Kim, T.M. Nguyen, J.S. Chung, S.B. Lee, K.Y. Choi), *Macromolecules*, *44*, 1385-1392 (2011).