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Selected Publications

1. M. Choi, K. Na, J. Kim, Y. Sakamoto, O. Terasaki & R. Ryoo, Catalytic Effect of Ultrathin MFI Zeolite Synthesized to a Single Unit Cell Thickness, *Nature*, **461**, 246-250 (2009)
2. M. Choi, H. S. Cho, R. Srivastava, C. Venkatesan, D.H. Choi & R. Ryoo, Amphiphilic organosilane-directed synthesis of crystalline zeolite with tunable mesoporosity, *Nature Mater.*, **5**, 718-723 (2006)
3. F. Kleitz, S.H. Choi & R. Ryoo, Cubic Ia3d large mesoporous silica: synthesis and replication to platinum nanowires, carbon nanorods and carbon nanotubes, *Chem. Commun.*, 2136-2137 (2003)
4. S.H. Joo, S.J. Choi, I. Oh, J. Kwak, Z. Liu, O. Terasaki & R. Ryoo, Ordered nanoporous arrays of carbon supporting high dispersions of platinum nanoparticles, *Nature*, **412**, 169-172 (2001)
5. R. Ryoo, S.H. Joo & S. Jun, Synthesis of highly ordered carbon molecular sieves via template-mediated structural transformation, *J. Phys. Chem. B*, **103**, 7743-7746 (1999)