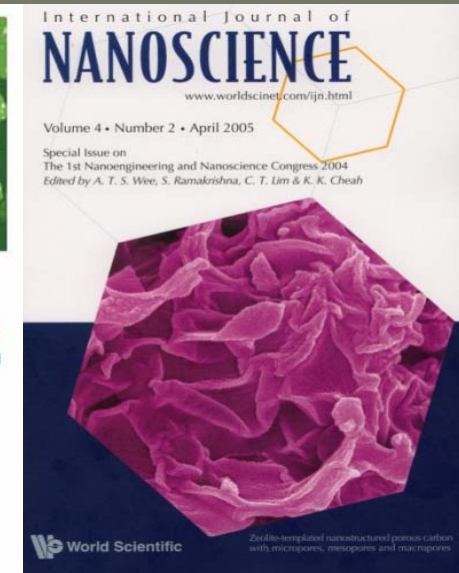
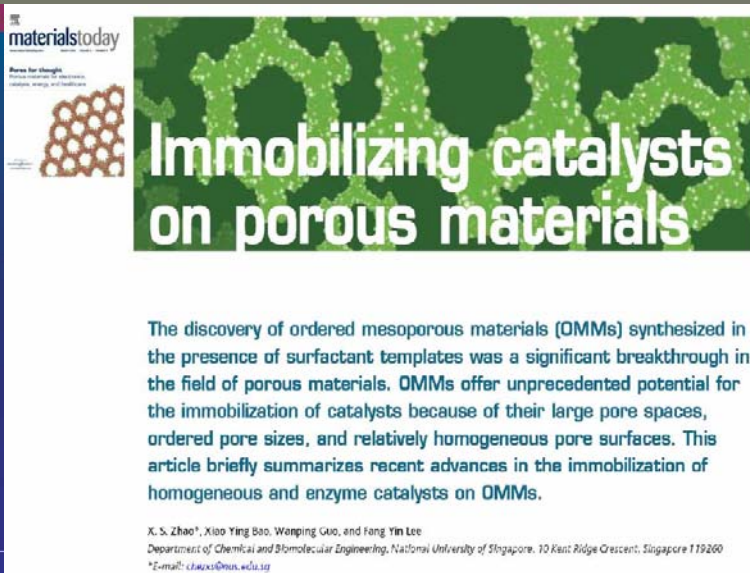
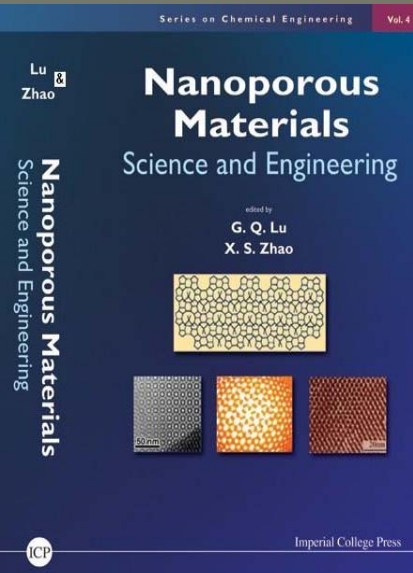
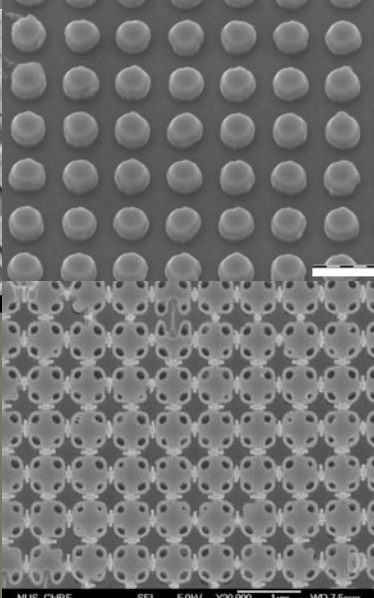
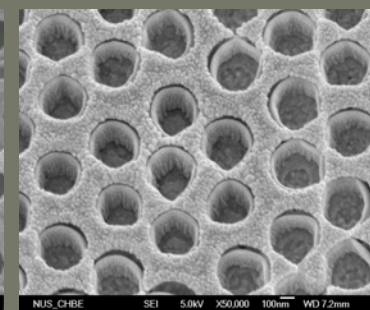
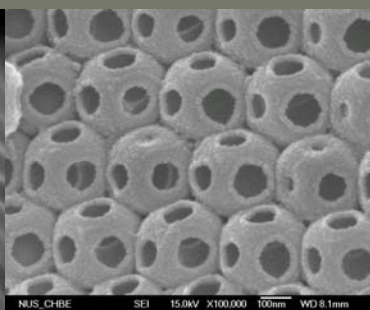
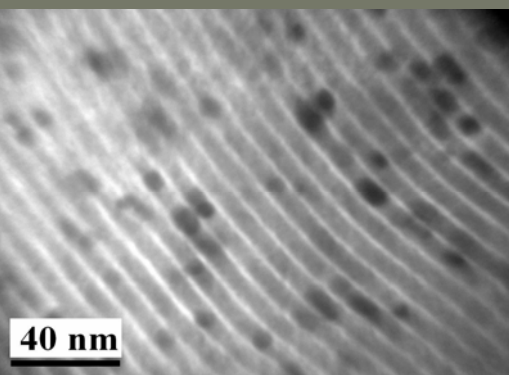


# Nanoporous Materials for Emerging Applications

Nanoporous materials with pore sizes between 0.5 and 50 nm such as zeolites and ordered mesoporous materials are finding more and more applications in not only traditional areas but also emerging fields, such as clean energy, tissue engineering, and environmentally friendly technology.



The template-synthesis method is employed to prepare various porous structures as environmentally friendly solid catalysts, electrodes for supercapacitors, adsorbents for removal of heavy metals, nanovials for drug delivery, and thin films for gas separation and purification.



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