

Electronic Supporting Information (ESI)

Controllable Synthesis of Mesoporous F-TiO₂ Spheres for Effective Photocatalysis

Jia Hong Pan, Zhongyu Cai, Yong Yu, and X. S. Zhao*

Department of Chemical and Biomolecular Engineering, Faculty of Engineering, National University of Singapore, 4 Engineering Drive 4, Singapore 117576, Singapore

* E-Mail: chezxs@nus.edu.sg

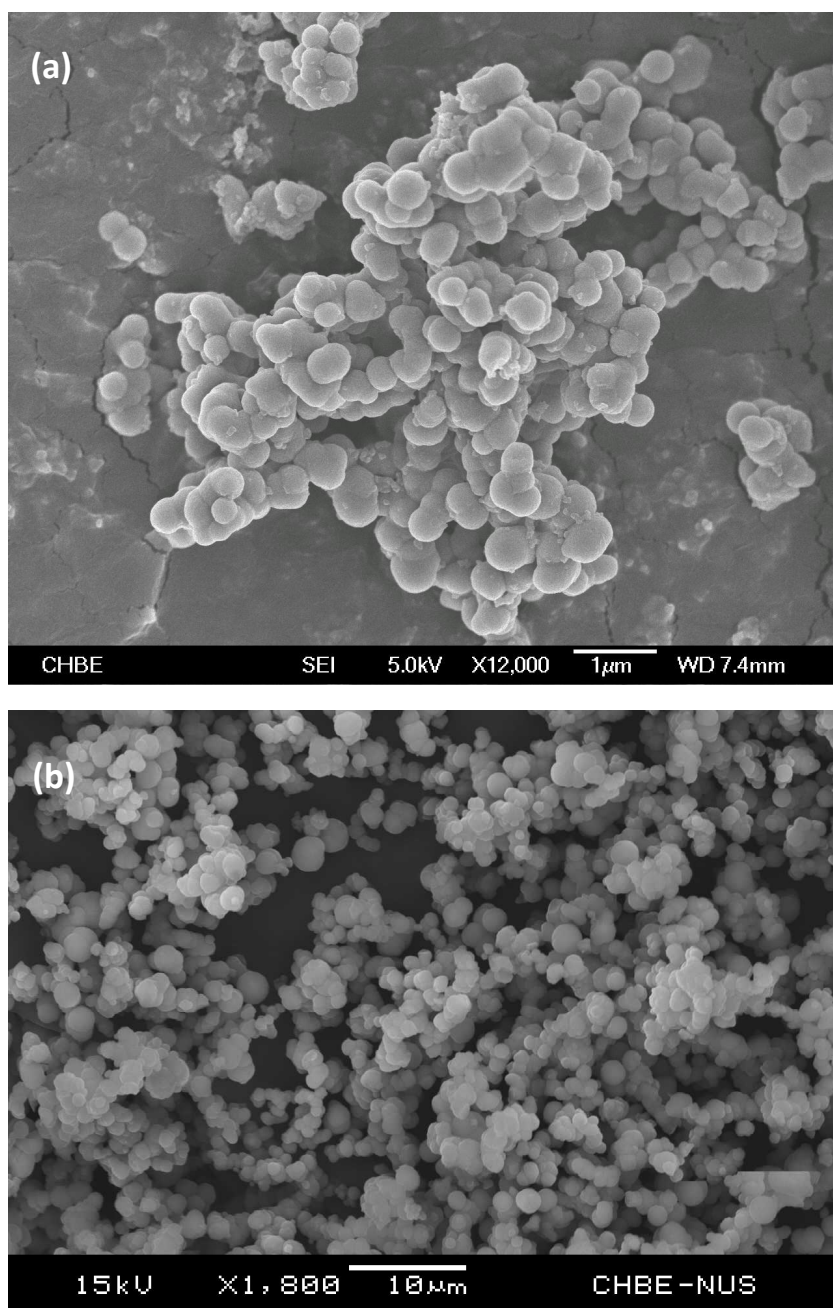


Fig. S1 SEM micrographs for hydrous TiO₂ products obtained without either DDA (a) or acetonitrile (b).

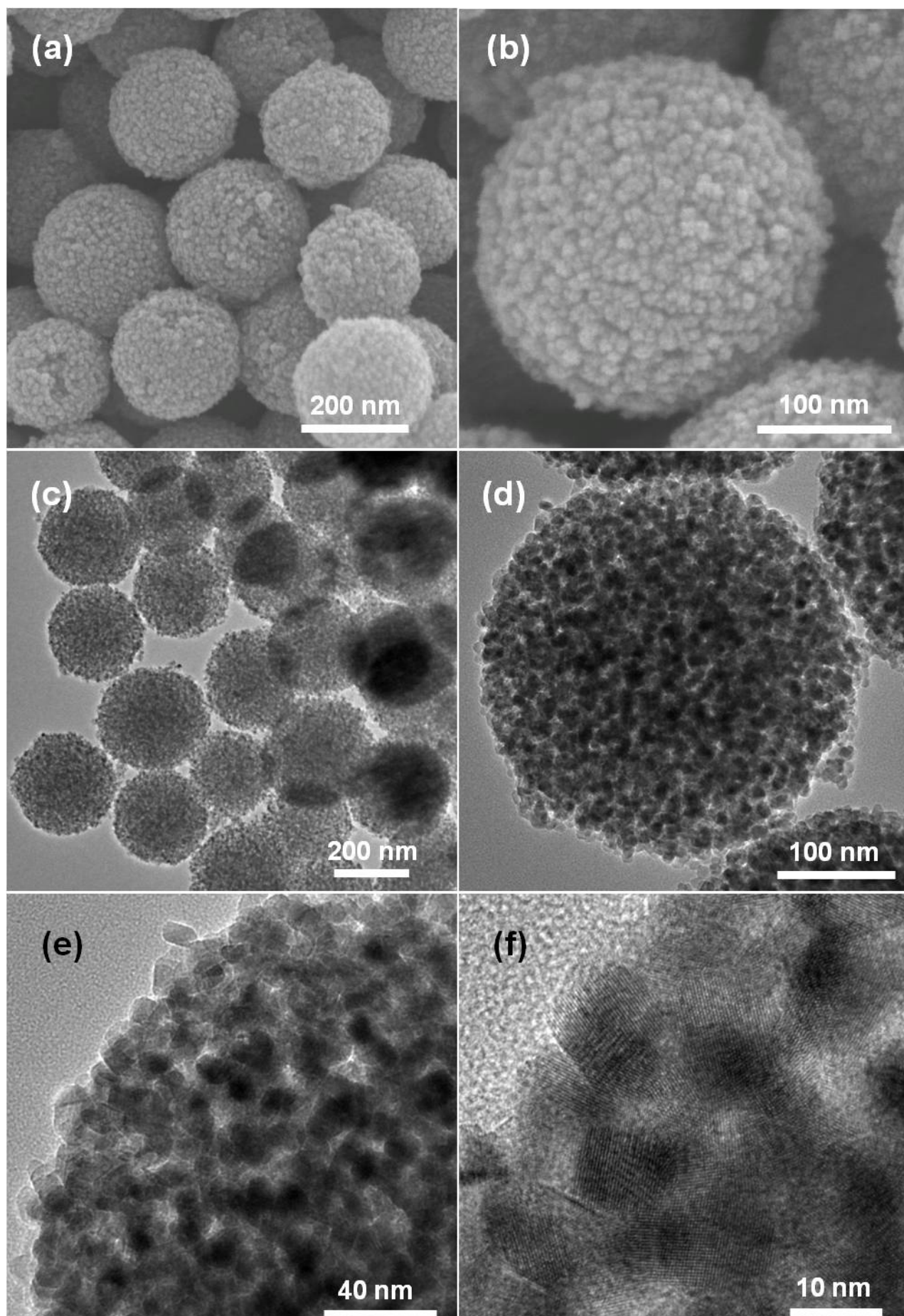


Fig. S2 Enlarged image of Fig. 2.



Fig. S3 SEM image for mesoporous F-TiO₂ spheres after being ultrasonicated in a water bath (400 W, 42 KHz) for 2 h.