

Electronic Supplementary Information

Hierarchical TiO₂ Photonic Crystal Spheres Prepared by Spray Drying for Highly Efficient Photocatalysis

Qiang Yang, Mingzhu Li,* Jian Liu , Weizhi Shen, Changqing Ye, Xiaodi Shi, Lei Jiang, and Yanlin Song,*

Beijing National Laboratory for Molecular Sciences (BNLMS), Key Lab of Organic Solids, Laboratory of New Materials, Institute of Chemistry, Chinese Academy of Sciences, Beijing, 100190, China.

E-mail: ylsong@iccas.ac.cn; mingzhu@iccas.ac.cn

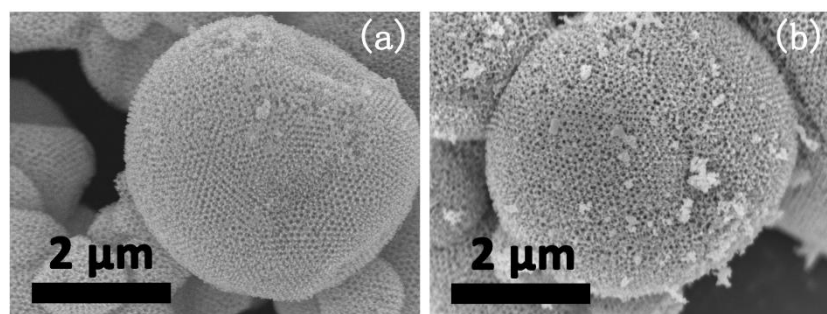


Fig. 1S SEM images of i-TiO₂-PC spheres of the control sample before (a) and after (b) photodegradation experiment. During the photocatalytic process, the structure remained stable. The small scraps on the surface of i-TiO₂-PC spheres after the process may result from destruction of a few spheres with cracks.