In situ Self-assembly Synthesis and Photocatalytic Performance of Hierarchical Bi$_{0.5}$Na$_{0.5}$TiO$_3$ Micro/Nanostructure

Jie Li, Guozhong Wang, Hongqiang Wang, Chunjuan Tang,
Yongqiang Wang, Changhao Liang, Weiping Cai and Lide Zhang

Key Laboratory of Materials Physics,
Anhui Key Laboratory of Nanomaterials and Nanotechnology,
Institute of Solid State Physics, Chinese Academy of Sciences,
P. O. Box 1129, Hefei 230031, People’s Republic of China.
Fax: 0086-551-5591434
E-mail: gzhwang@issp.ac.cn
Fig. S1  EDX spectrum of the hierarchical BNT micro/nanostructure.

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Fig. S2  SEM images of the products obtained with 15 M of NaOH and the Bi/Ti molar ratio of 1/1 at a) 80 °C, b) 110 °C, c) 140 °C and d) 170 °C for 10 h.
Fig. S3 XRD patterns of the products synthesized at 170 °C for 10 h with different molar ratio of Bi/Ti: 1/2 and 2/1 using 15 M of NaOH.
Fig. S4  (a) XRD pattern and (b) SEM image of the products prepared by the hydrothermal method at 170°C for 10 h with the Bi/Ti molar ratio of 1/1 using 17 M of NaOH.

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