Supporting Information

Synthesis of N,C co-doped hierarchical porous microsphere ZnS as a visible light-responsive photocatalyst
M. Muruganandham, Yoshihumi Kusumoto
Department of Chemistry and Bioscience, Faculty of Science, Kagoshima University, 1-21-35 Korimoto, Kagoshima 890-0065, Japan

E-mail address: kusumoto@sci.kagoshima-u.ac.jp (Y. Kusumoto).
Figure S1. XPS spectra of N, C co-doped ZnS photocatalysts prepared at various decomposition temperatures (A) N 1s core levels of the catalyst prepared at (a₁) 300 °C (a₂) 400 °C (a₃) 500 °C, (B) C 1s core levels of the catalyst prepared at (b₁) 300 °C (b₂) 400 °C (b₃) 500 °C, (C) S 2p core levels on surface and (D) Zn 2p core levels on surface of the catalyst prepared at (a) 300 °C (b) 400 °C (c) 500 °C.