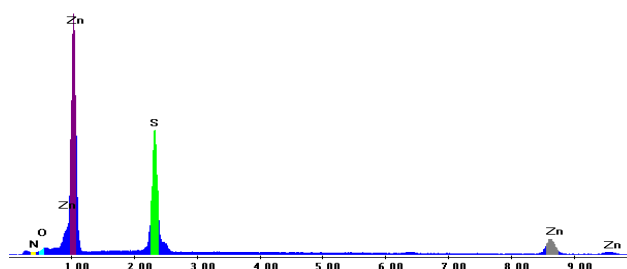


Supporting Information

Are dopant- stabilized visible light responsive photocatalysts efficient and stable?

Manickavachagam Muruganandham, Amutha Ramakrishnan, Yoshihumi Kusumoto, and Mika Sillanpää



(b)

Fig. S1. EDX analysis of ZnS prepared under open atmospheric conditions at 500 °C for 2 h

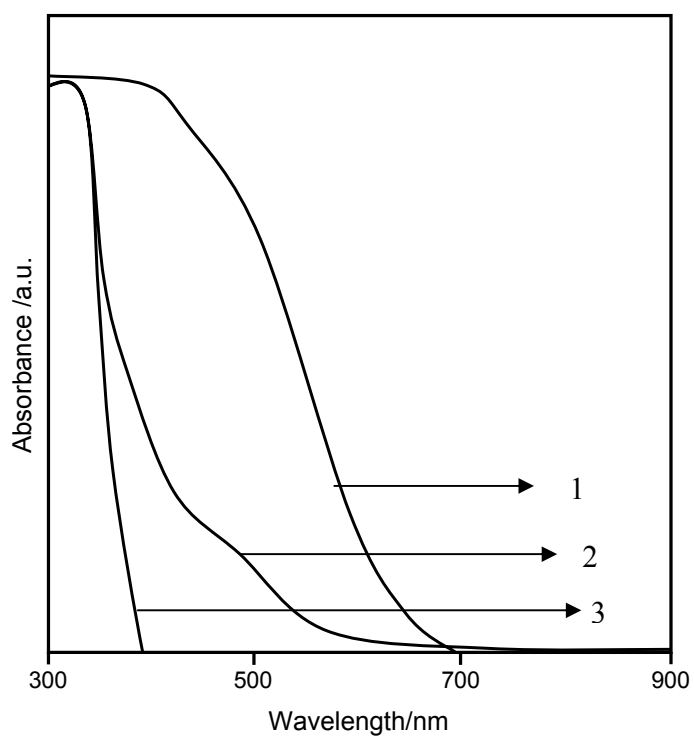


Fig. S2. Diffuse reflectance spectra of (1) hierarchical porous microspheres, (2) hollow microspheres, and (3) pure ZnS

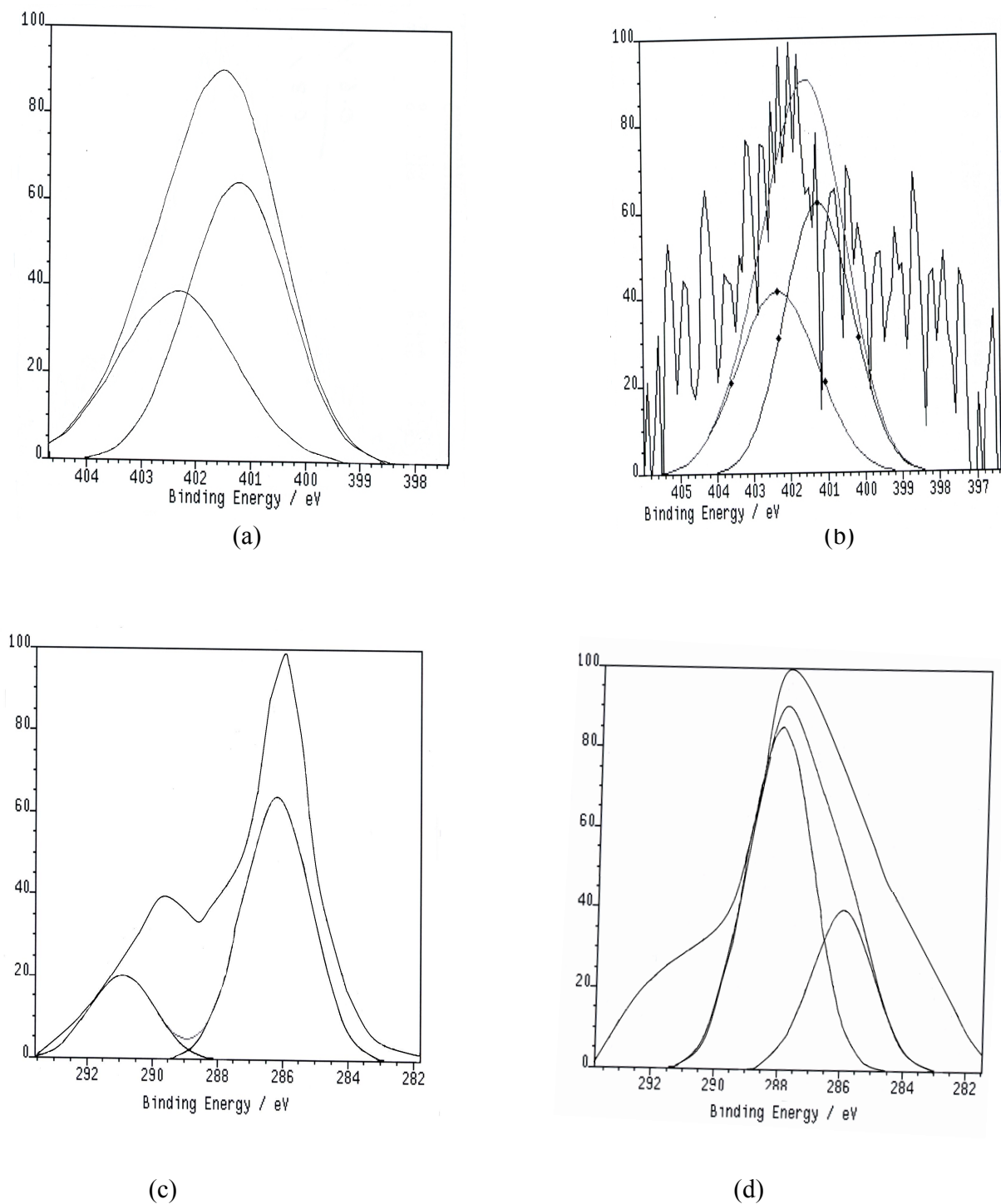
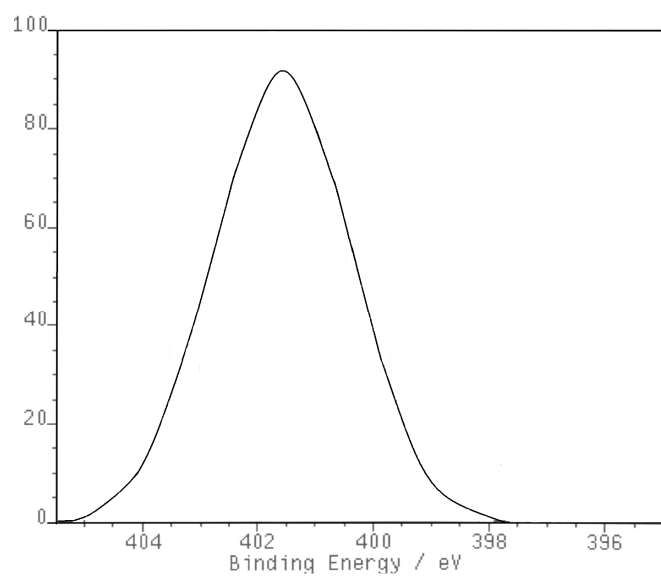


Fig.S3. The deconvoluted N 1s and C 1s XPS spectra of (a, c) hierarchical porous microspheres and (b, d) hollow microspheres



(a)

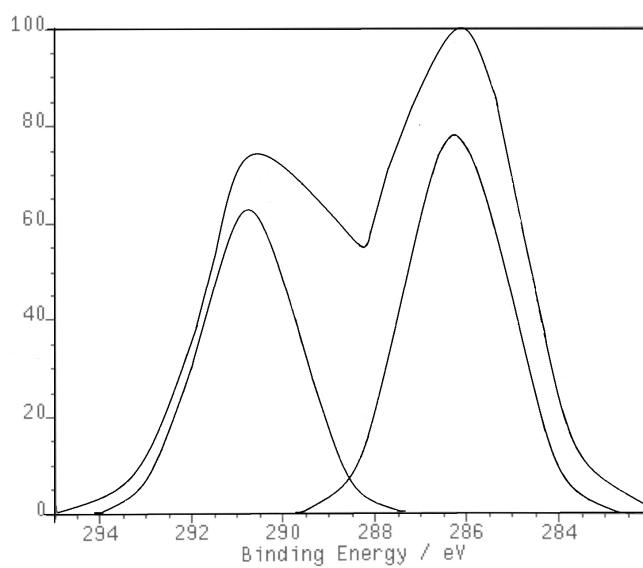


Fig.S4. The deconvoluted N 1s and C 1s XPS spectra of hierarchical porous ZnS microsphere photocatalyst used for 50 h.

(b)