

Self-assembled mesoporous  $\text{TiO}_2$  spherical nanoparticles by a new  
templating pathway and its enhanced photoconductivity in the presence  
of an organic dye

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**Supporting Information**

**Figure captions**

**Figure S1.** Wide angle XRD patterns of as-synthesized MT-2A (a) and MT-2B (b).

**Figure S2.** **A:**  $\text{N}_2$  adsorption ( $\bullet$ )-desorption ( $\circ$ ) isotherms of the MT-1B and pore size distribution using NLDFT method are shown in the inset. **B:**  $\text{N}_2$  adsorption ( $\bullet$ )-desorption ( $\circ$ ) isotherms of the MT-2A and pore size distribution using NLDFT method are shown in the inset.

Figure S1 [Patra, Das and Bhaumik

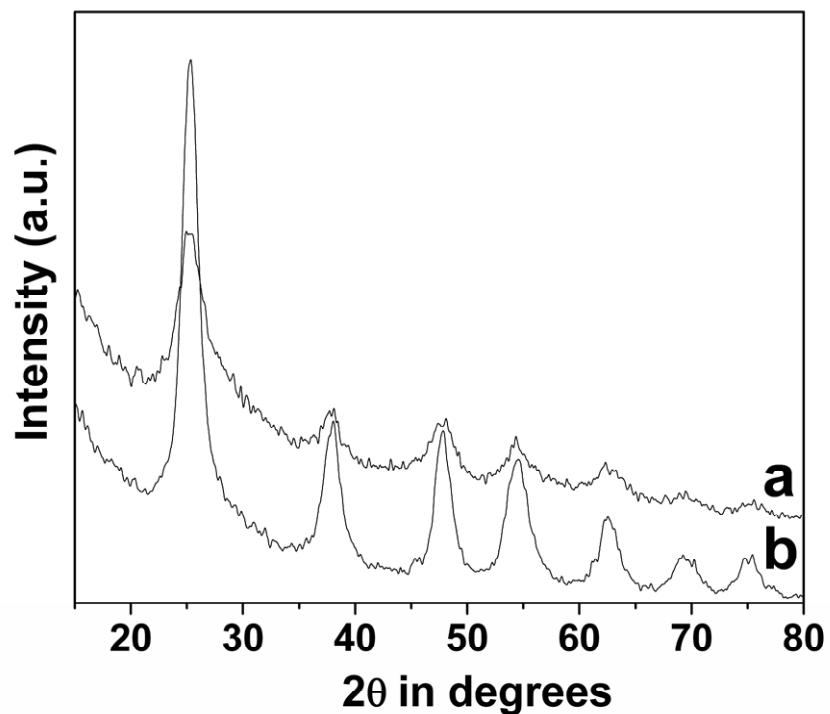


Figure S2 [Patra, Das and Bhaumik]

