

## Supplementary Data

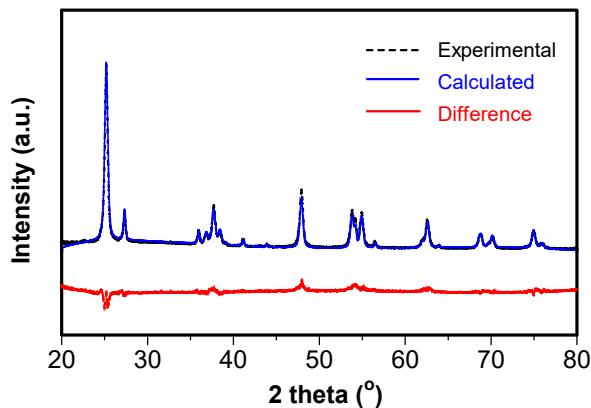


Figure S1. Rietveld refinement of XRD pattern of TiO<sub>2</sub> P25.

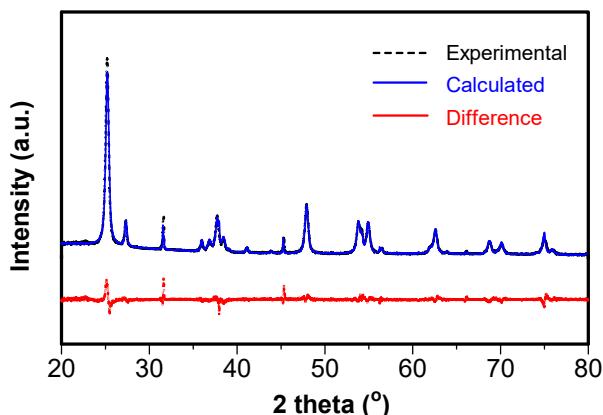


Figure S2. Rietveld refinement of XRD pattern of composite TiO<sub>2</sub>/SiO<sub>2</sub> 1:1.

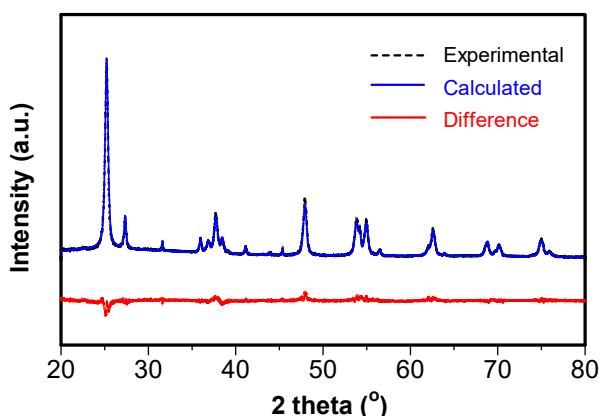


Figure S3. Rietveld refinement of XRD pattern of composite TiO<sub>2</sub>/SiO<sub>2</sub> 3:1.

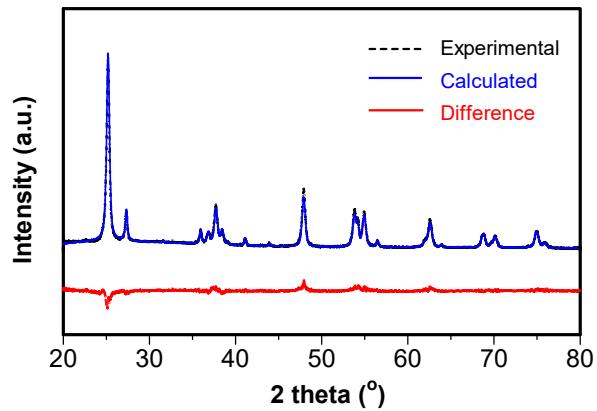


Figure S4. Rietveld refinement of XRD pattern of composite TiO<sub>2</sub>/SiO<sub>2</sub> 7:1.