$BaTiO_3$ Nano-Bowl Microwave Absorption Enhancement and Electron Microscopy Characterization

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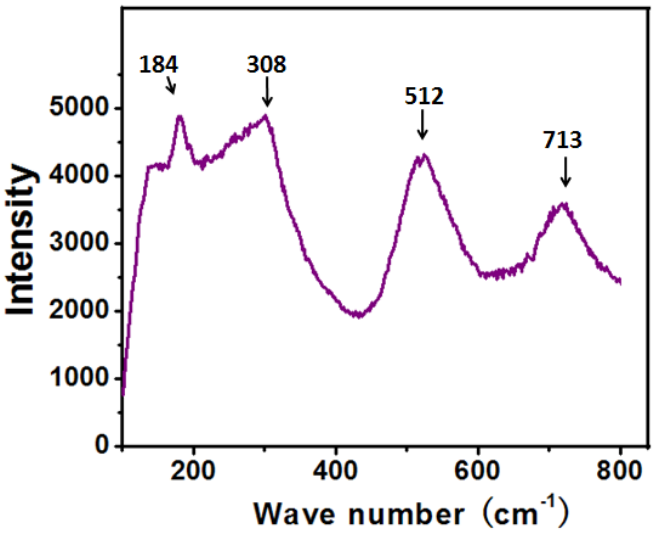

Figure S1. Raman spectra of sample with reaction time of 1 h.

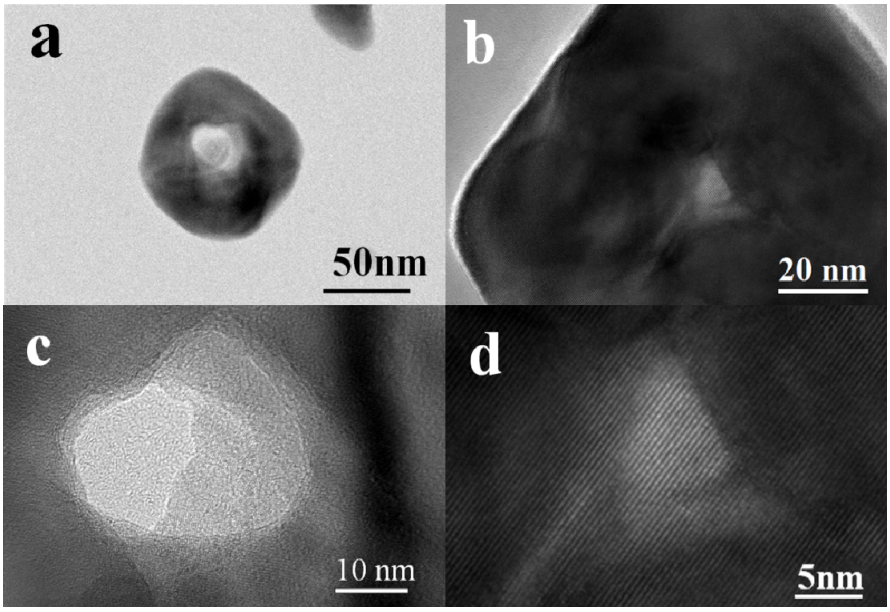

Figure S2. a-b)TEM images of two particles from sample with reaction time of 24 h (sample D), c-d) the specifics about the hollows in the center of the two particles, showing particle in Figure S2 a) has a hole in the centre while particle in Figure S2 b) is only concave.

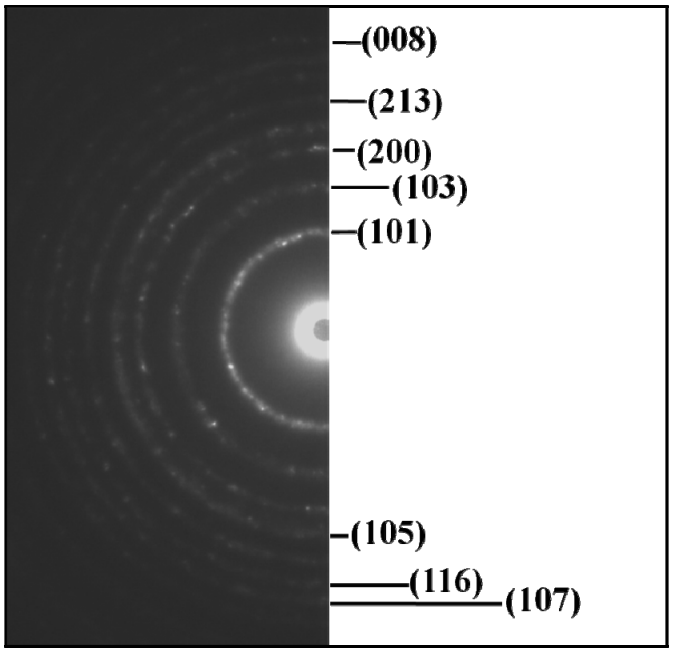

Figure S3. An electron diffraction pattern of TiO_2 nanoparticles used as Ti precursor.