

General Strategy for ATiO_3 (A = Ca, Sr, or Ba) Submicrospheres with Large Surface Area and its Photocatalytic Applications

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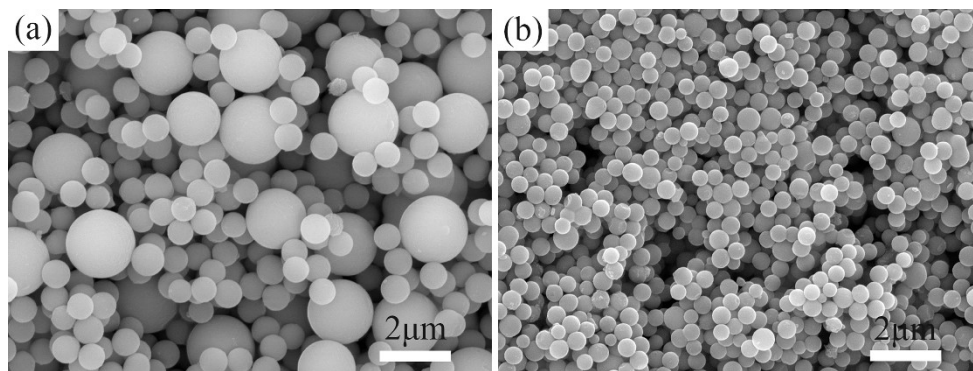


Figure S1. SEM micrographs of AHTS synthesized by process F (a) and process E (b).

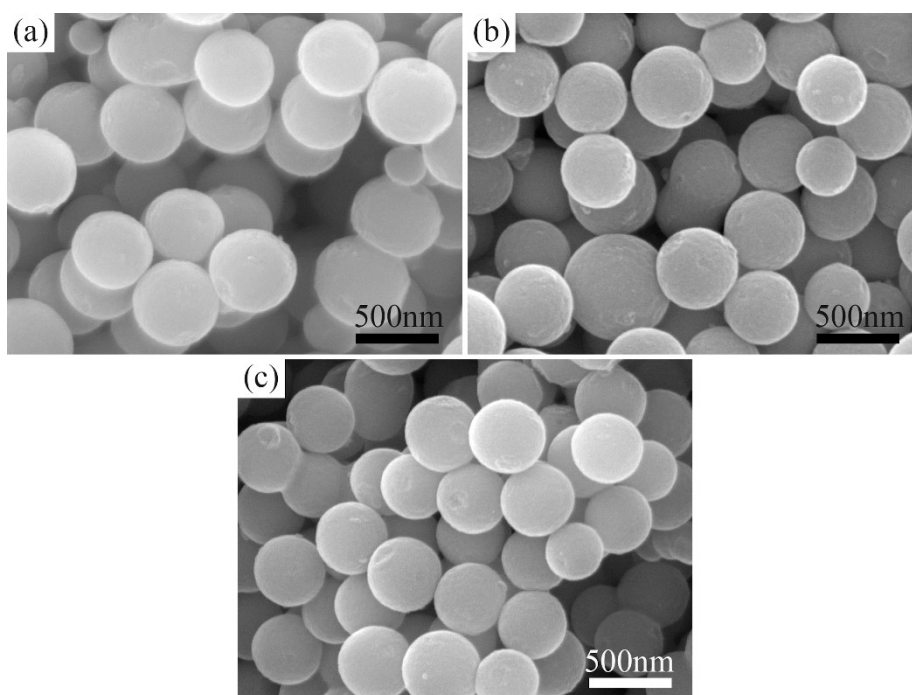


Figure S2. SEM micrographs of as-prepared precursor under different R_V of (a) 3:1, (b) 4:1, and (c)

5:1.

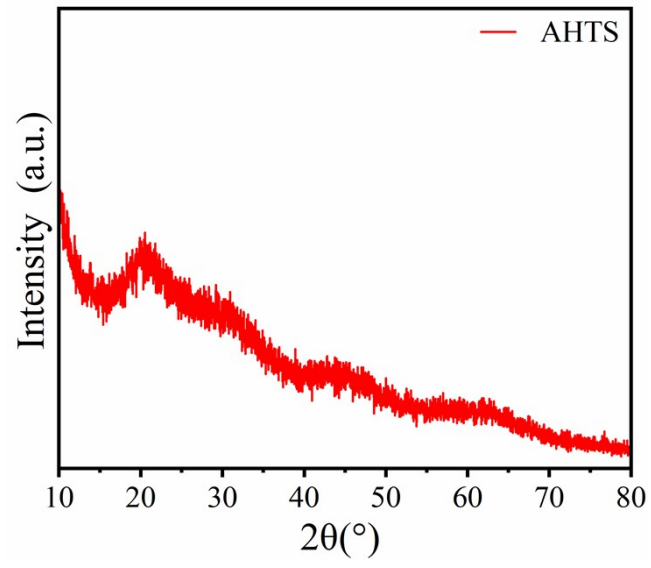


Figure S3. XRD pattern of AHTS

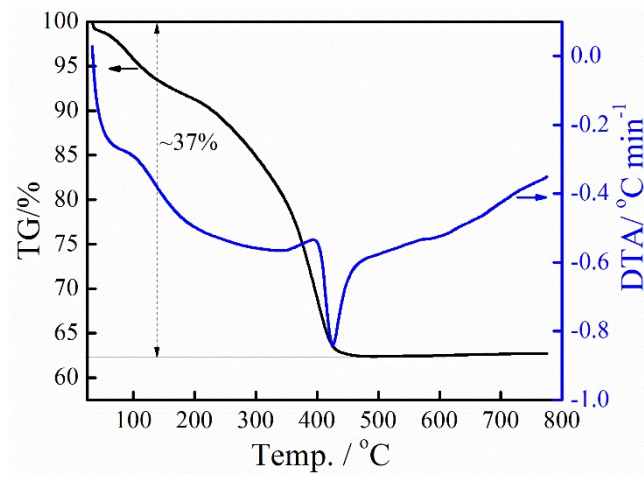


Figure S4. TG and DTA curves of the precursor.

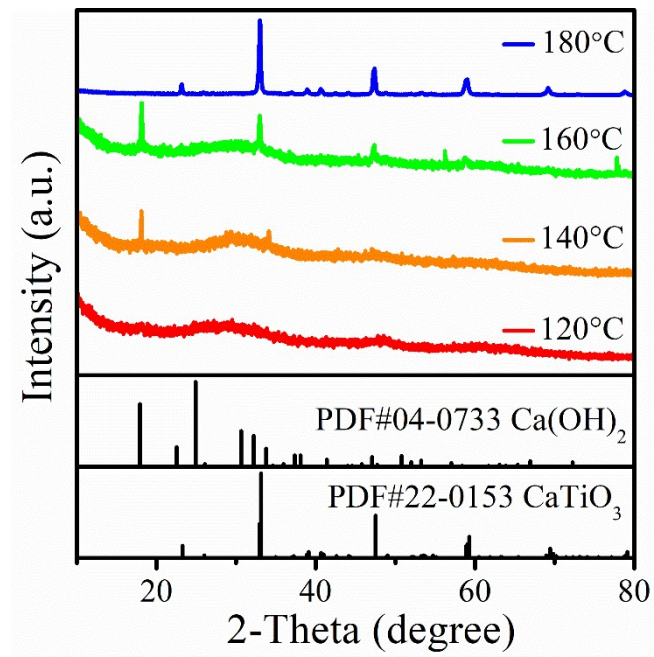


Figure S5 XRD patterns of CaTiO_3 synthesized at (a) 120°C, (b) 140°C, (c) 160°C, and (d) 180°C for 4.0 h.

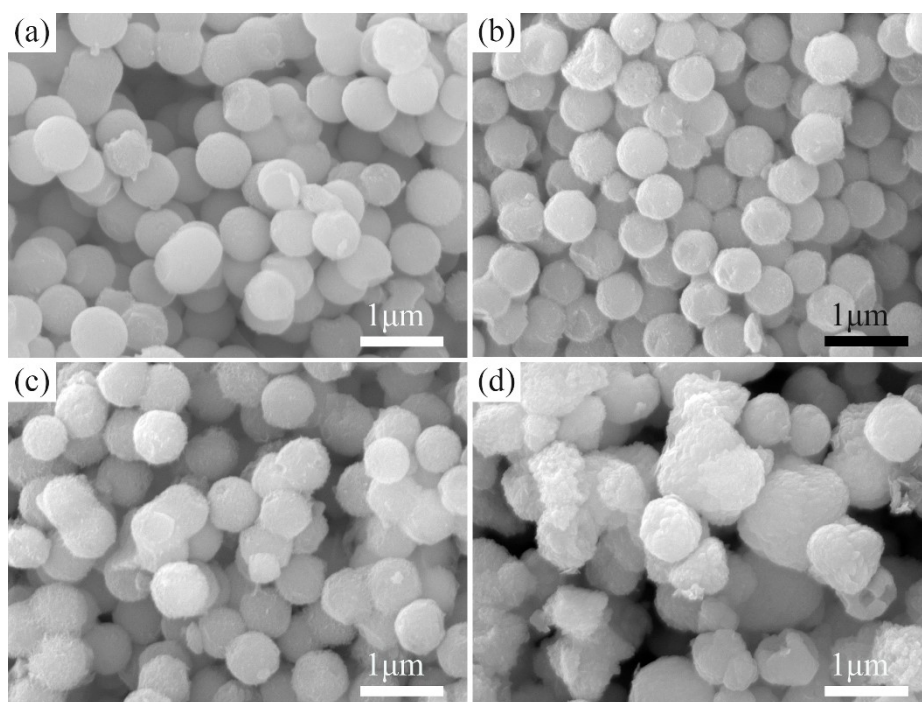


Figure S6. SEM micrographs of CaTiO_3 synthesized at (a) 120°C , (b) 140°C , (c) 160°C , and (d) 180°C for 4.0 h.

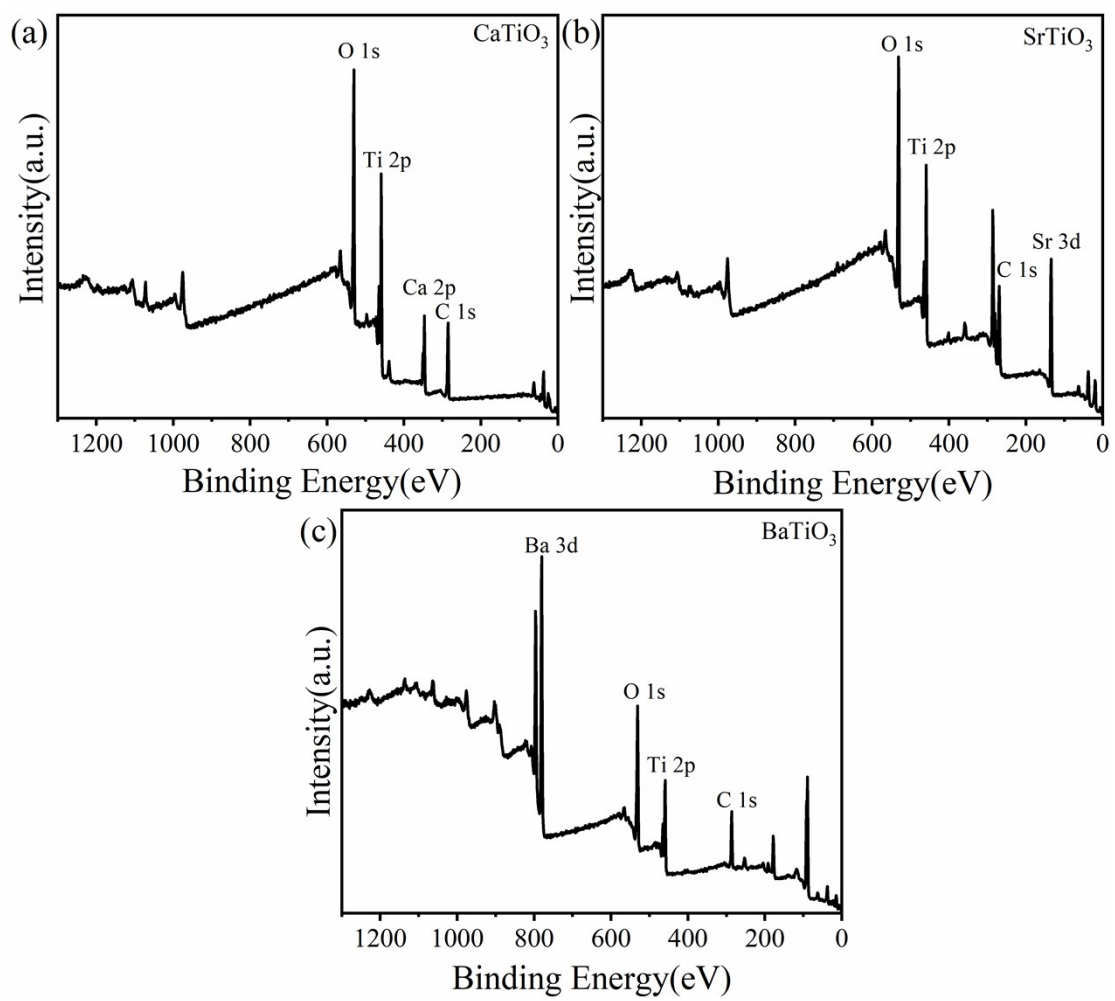


Figure S7. XPS full spectra of (a) CaTiO_3 , (b) SrTiO_3 , and (c) BaTiO_3 .