## The supporting information

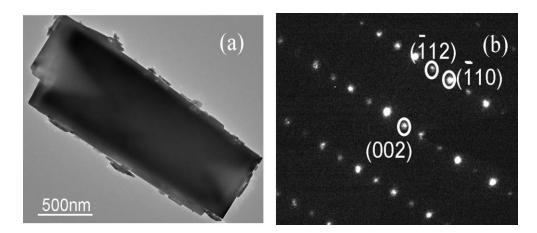


Figure S1 (a) the TEM image of an individual  $CaTiO_3$  prism, (b) the corresponding SAED pattern along [ $\overline{1}10$ ] zone axis.

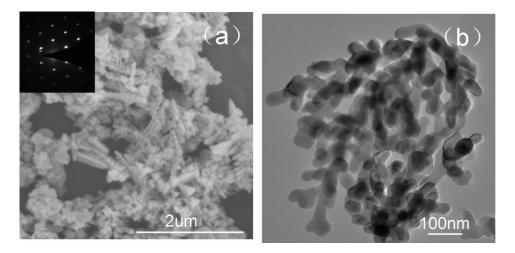


Figure S2 images of the  $SrTiO_3$  dendrites synthesized at 180 °C for 36 h in 3 M NaOH solution: (a) FESEM image and the corresponding SAED pattern (inset), (b) TEM image.