

Supporting Information

Synthesis of ultrafine green-emitting BaCO₃ nanowires with 18.5-nm-diameter by CO₂ vapor-assisted electrospinning

Authors' names and Institution

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Scheme 1 Sintering the as-electrospun composite fibers at a heating rate of 5 K/min in an air atmosphere to 743 K for 5 h and naturally cooling.

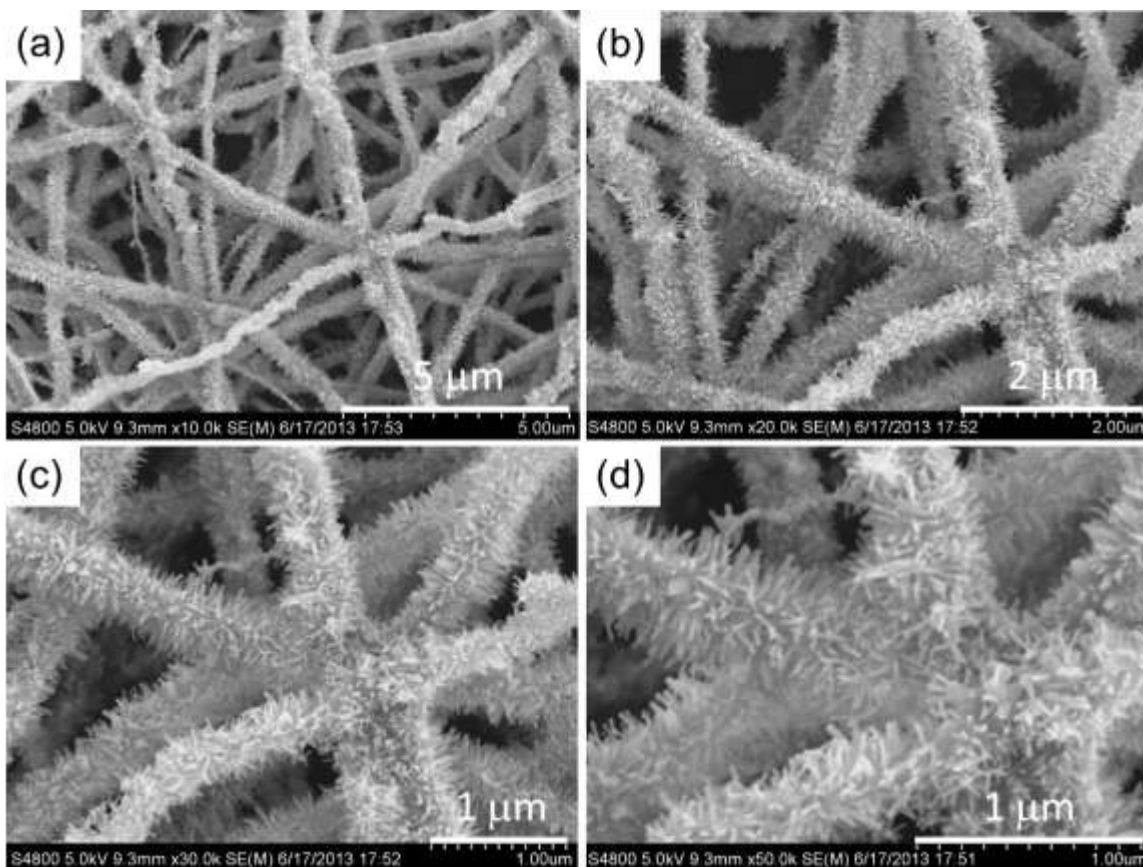


Fig S1 SEM images of the ultrafine BC NWs at different magnifications (Scheme 1).

Scheme 2 Sintering the as-electrospun composite fibers at a heating rate of 1 K/min in an air atmosphere to 743 K for 5 h and naturally cooling.

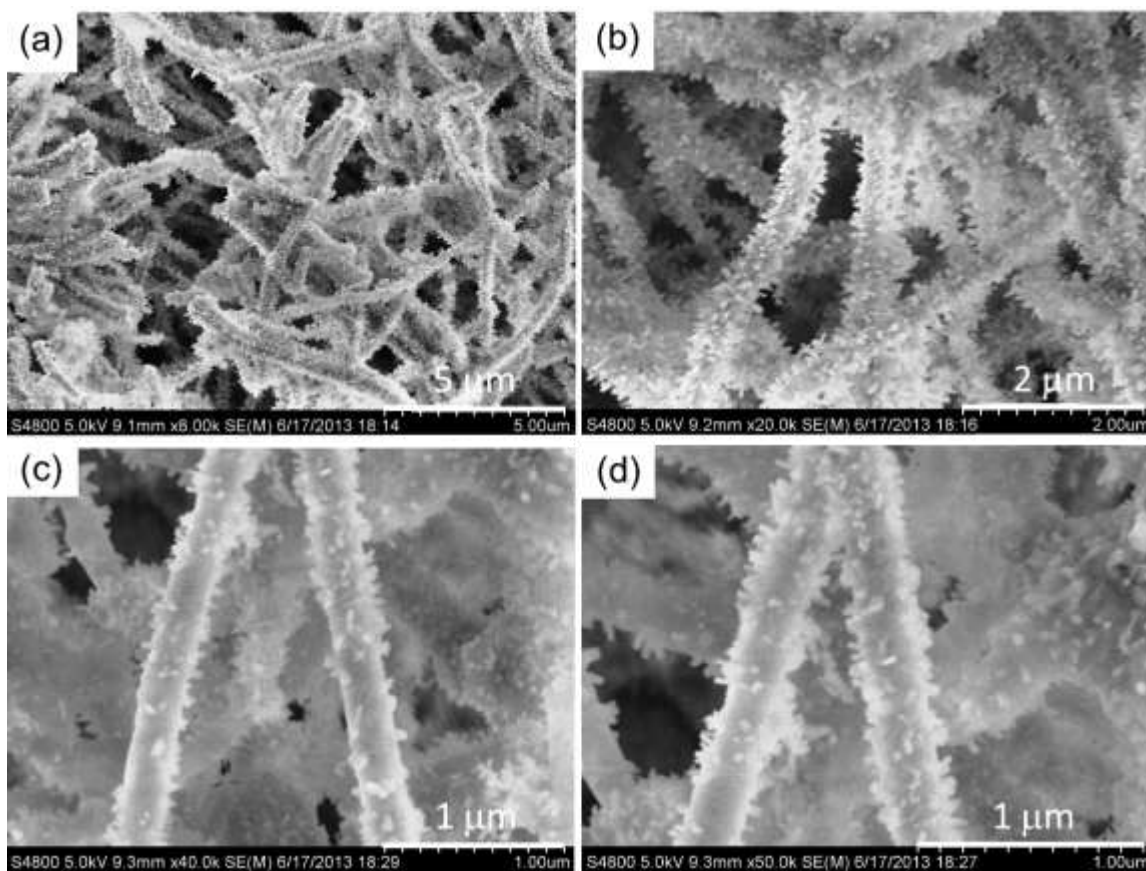


Fig S2 SEM images of the ultrafine BC NWs at different magnifications (Scheme 2).

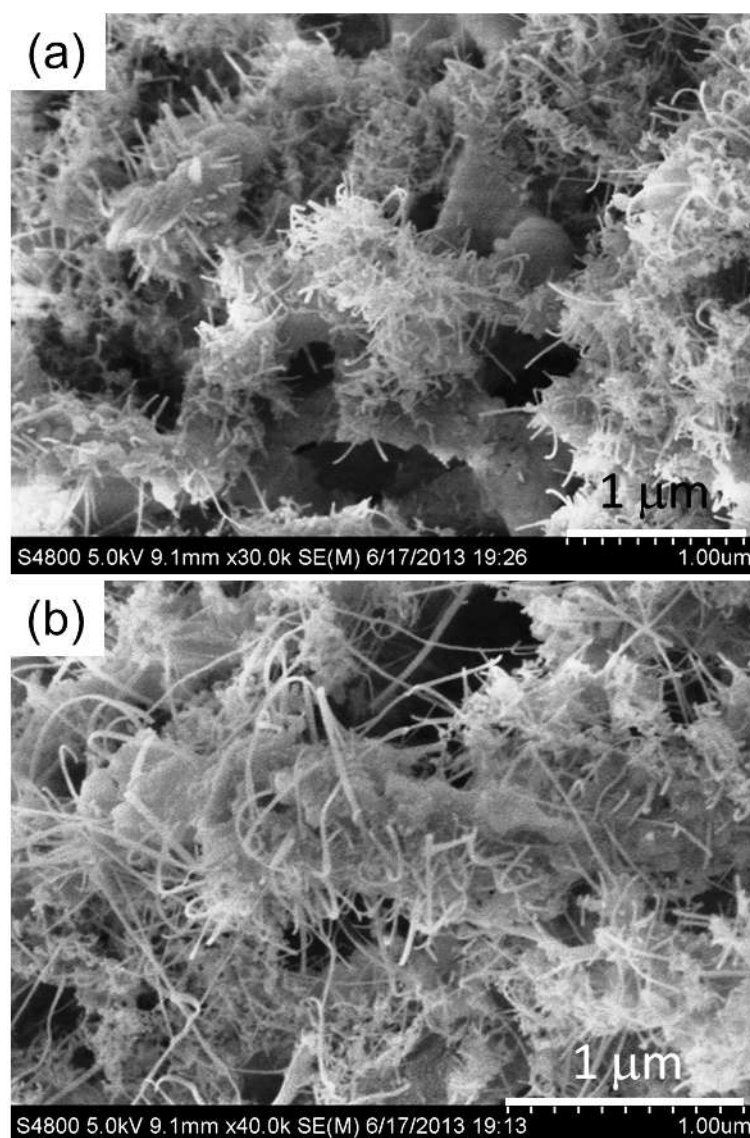


Fig S3 More SEM images of the ultrafine BC NWs at different magnifications (Scheme 3).

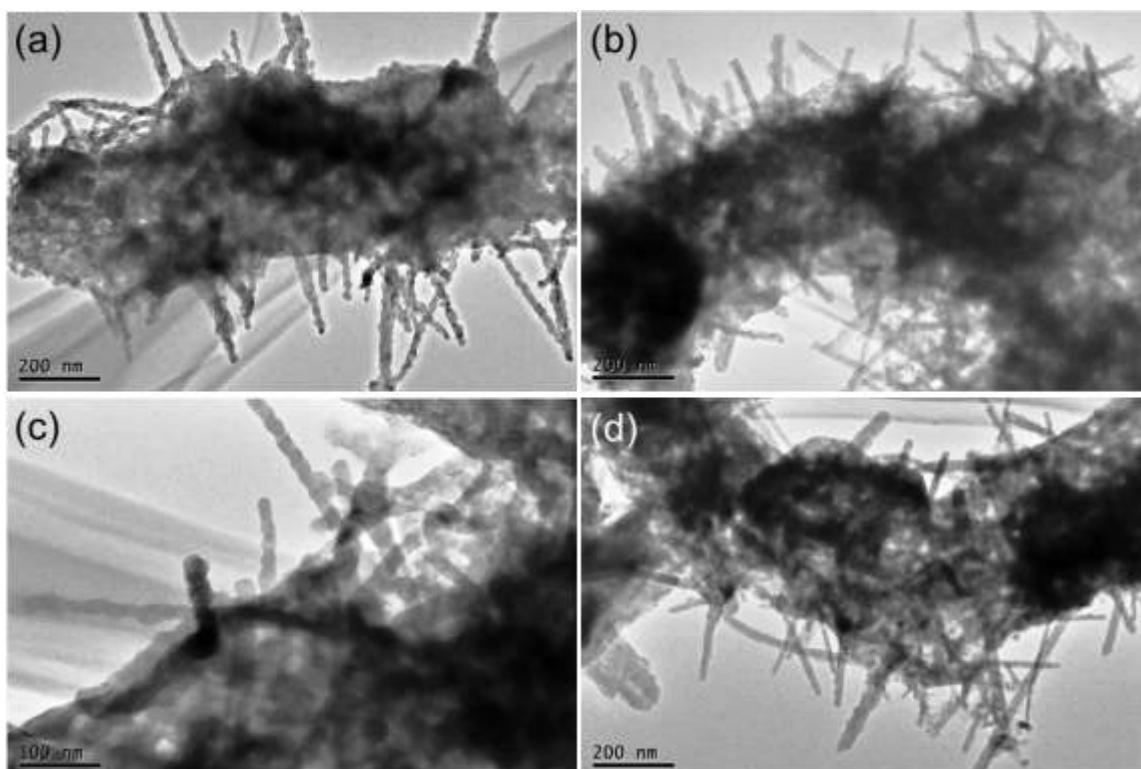


Fig S4 More TEM images of the ultrafine BC NWs (Scheme 3). The specimens for HRTEM analysis were prepared by dissolving the black powder in ethanol. After ultrasonic treatment, a drop of the liquid was sprayed onto a holey carbon copper grid.