

Supporting information for:

Single-Crystalline $\text{La}_x\text{Nd}_{1-x}\text{B}_6$ Nanowires: Synthesis, Characterization and Field Emission Performance

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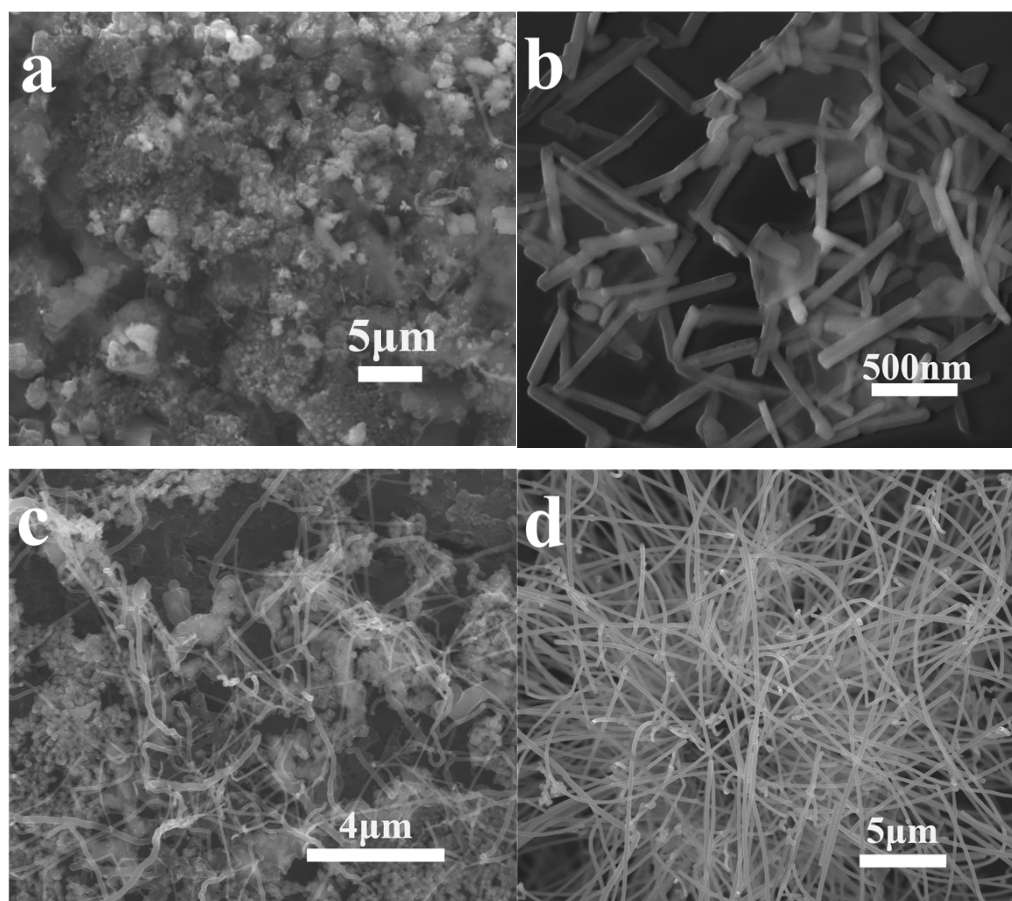


Fig. S1 $\text{La}_x\text{Nd}_{1-x}\text{B}_6$ nanostructures fabricated with different reacting duration. (a) 1min. (b) 10 mins. (c) 30 mins and (d) 50 mins.

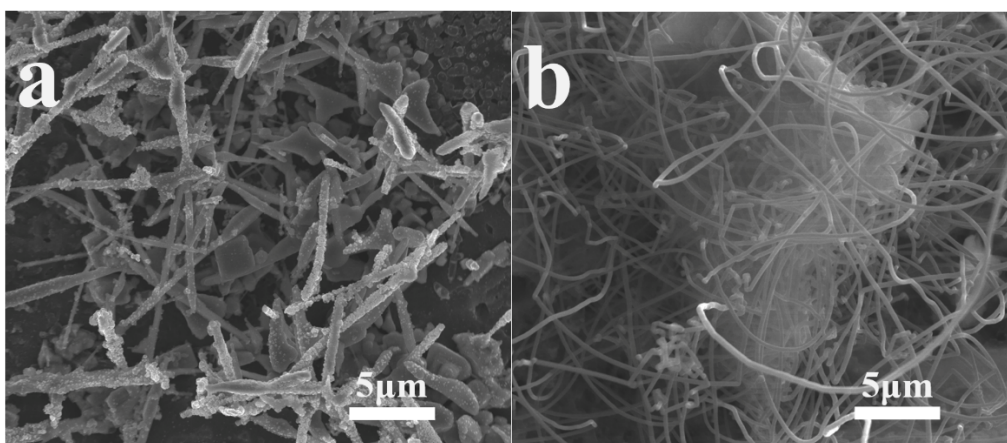


Fig. S2 $\text{La}_x\text{Nd}_{1-x}\text{B}_6$ nanostructures synthesized at different temperature. (a) 1115°C. (b) 1125°C.

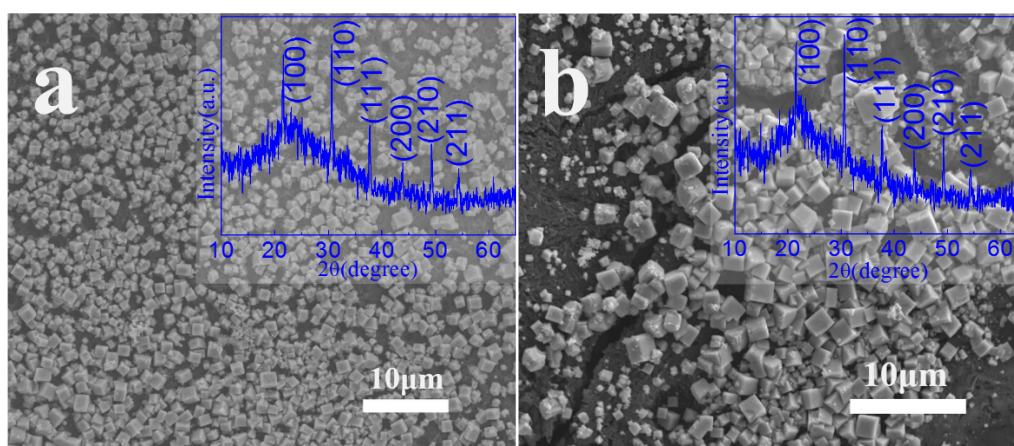


Fig. S3 Submicron-sized $\text{La}_x\text{Nd}_{1-x}\text{B}_6$ cubes fabricated with different La/Nd powders atomic proportion. (a) La: Nd =3: 7. (b) La: Nd =1: 9. The insets show the corresponding XRD patterns.