

Supplementary information

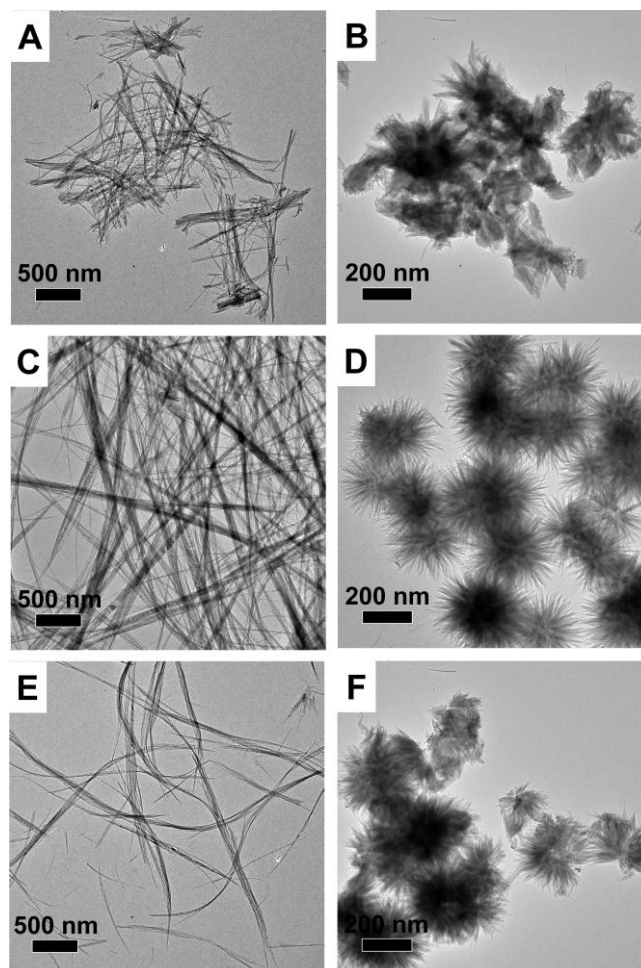


Figure S1. Nanowire/nanourchin formation properties in the function of Ce:PO₄ molar ratios of 1:1 (A, B), 1:2 (C, D) and 1:4 (E, F) by fixed cerium nitrate concentration.

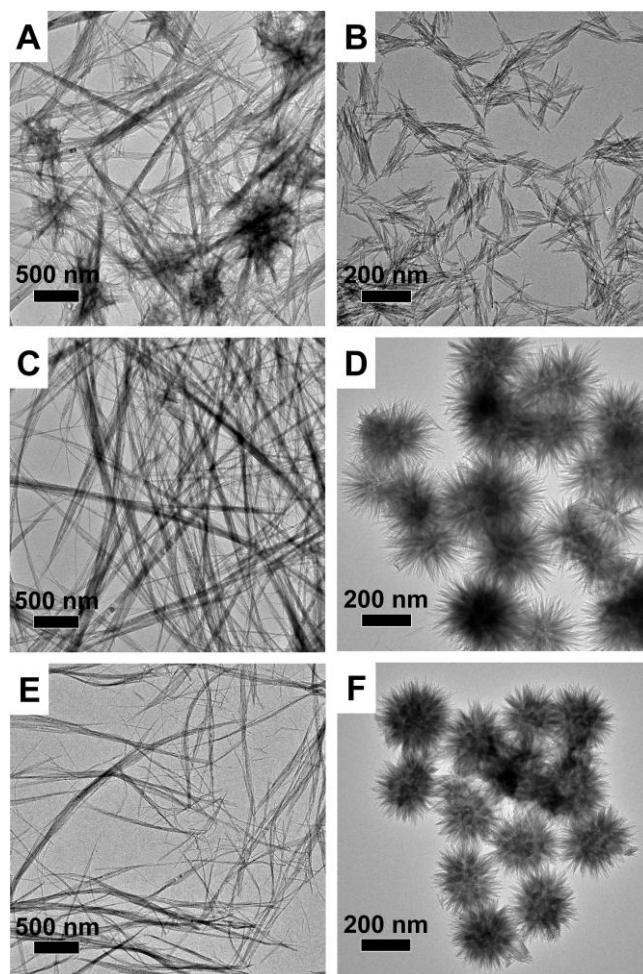


Figure S2. Nanowire/nanourchin formation properties in the function of Ce:PO₄ molar ratios of 1:1 (A, B), 1:2 (C, D) and 1:4 (E, F) by fixed phosphoric acid concentration.

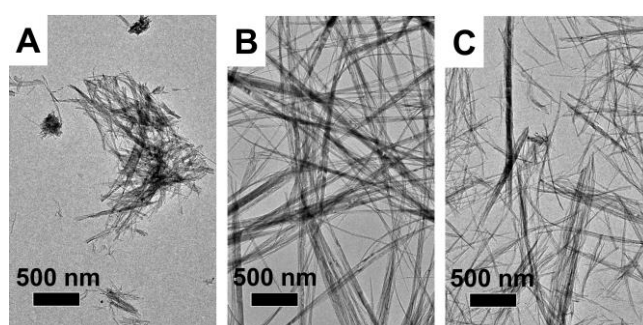


Figure S3. Time-dependent nanowire formation properties using synthesis times of 1 h (A), 3 h (B) and 6 h (C).

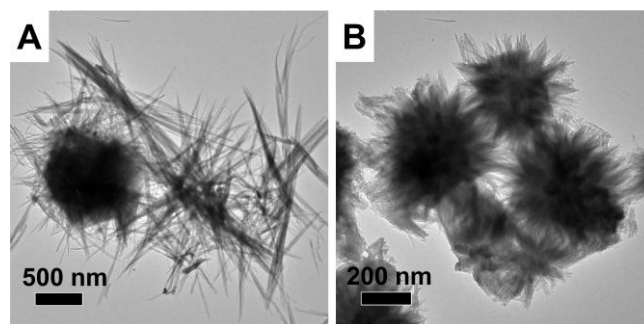


Figure S4. Reverse addition of precursor solutions in dropwise (A) and simultaneous (B) manner.