

Facile One-Pot Synthesis of Nickel Nanoparticles by Hydrothermal Method

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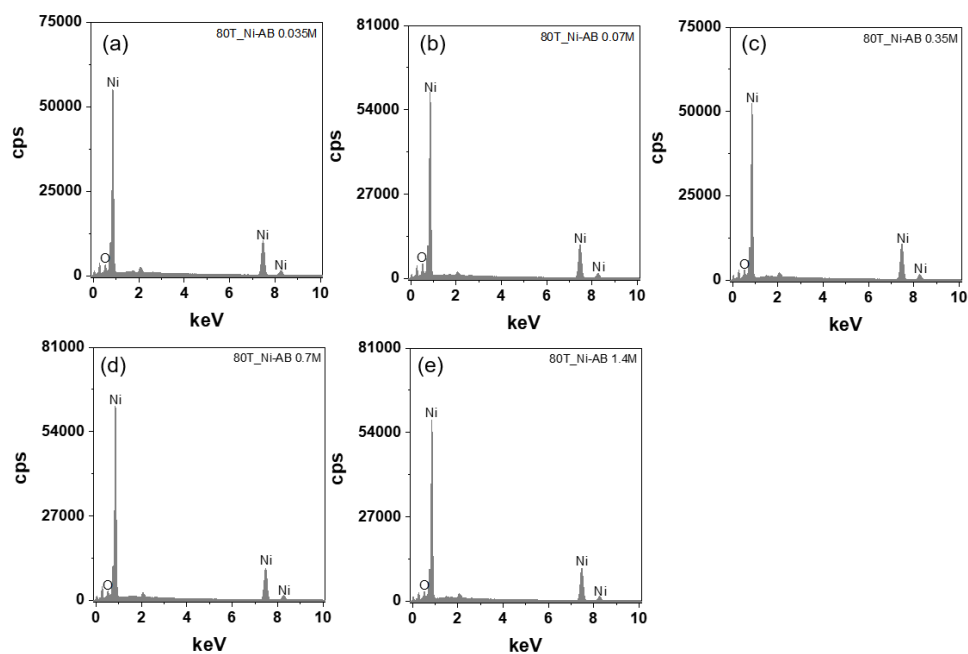


Figure S1. EDX data of synthesized Ni nanoparticles at 80 °C with different concentration ratio of Ni:AB as (a), 1:0.1. (b), 1:0.2 (c) 1:1, (d) 1:2, and (e) 1:4 respectively.

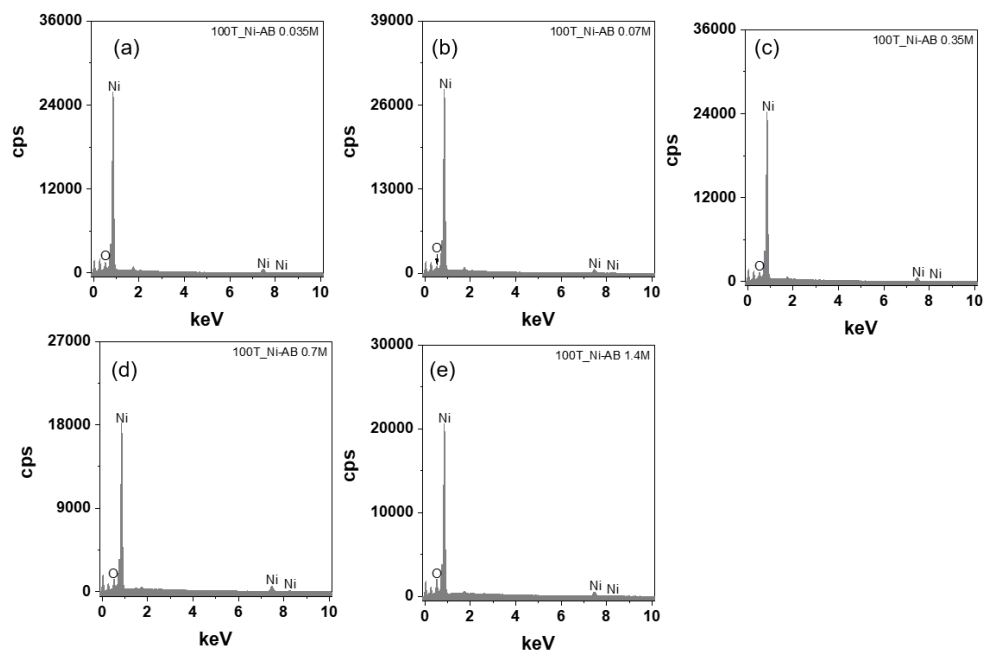


Figure S2. EDX data of synthesized Ni nanoparticles at 100 °C with different concentration ratio of Ni:AB as (a), 1:0.1. (b), 1:0.2 (c) 1:1, (d) 1:2, and (e) 1:4 respectively.

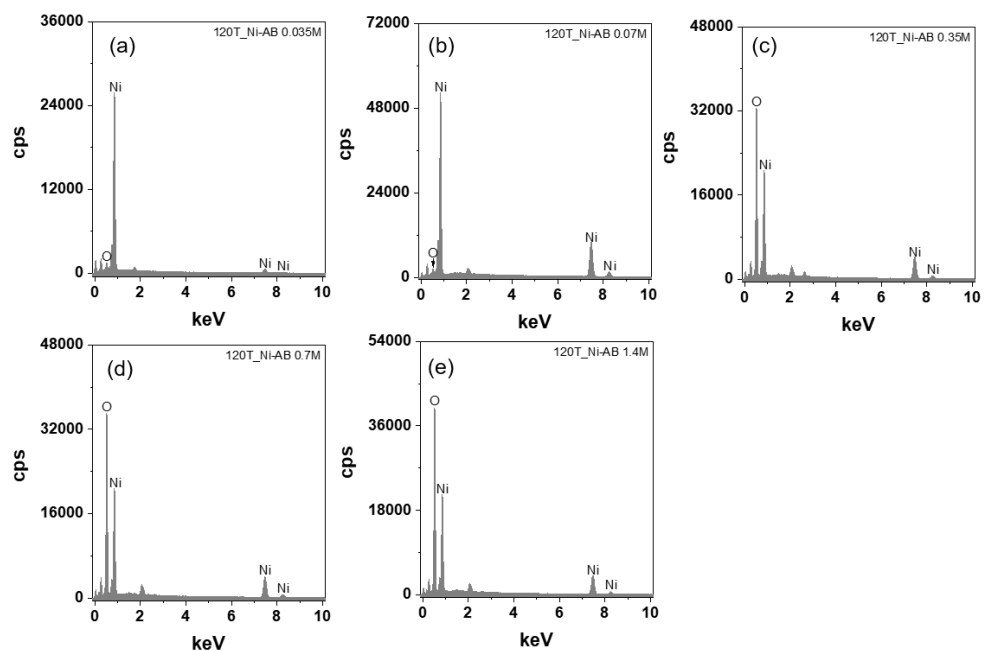


Figure S3. EDX data of synthesized Ni nanoparticles at 120 °C with different concentration ratio of Ni:AB as (a), 1:0.1. (b), 1:0.2 (c) 1:1, (d) 1:2, and (e) 1:4 respectively.

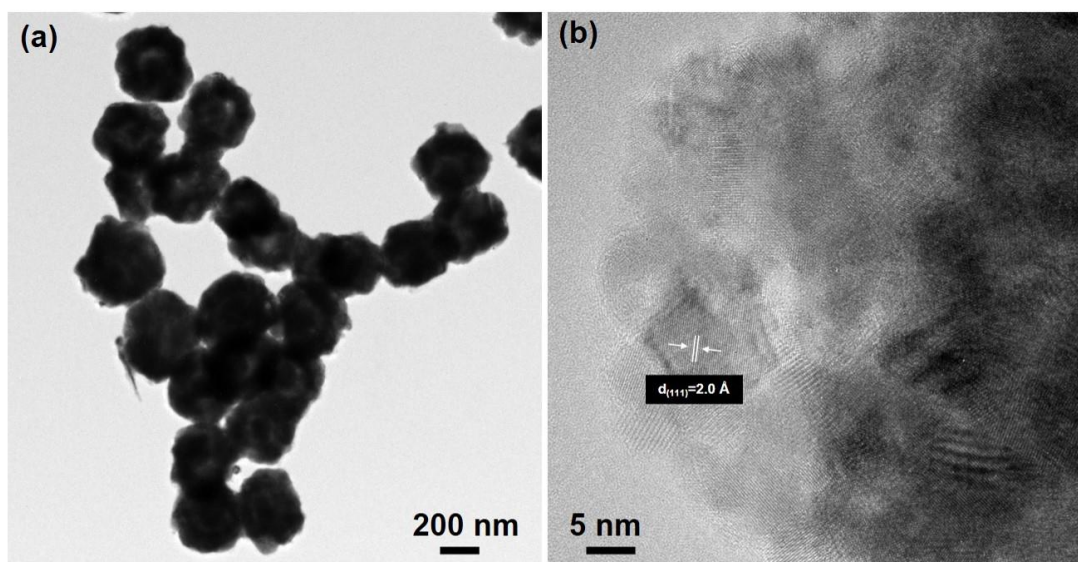


Figure S4. (a) TEM image of synthesized Ni nanoparticles at 120 °C with 1:0.2 ratio, (b) lattice resolved image of Ni nanoparticles.

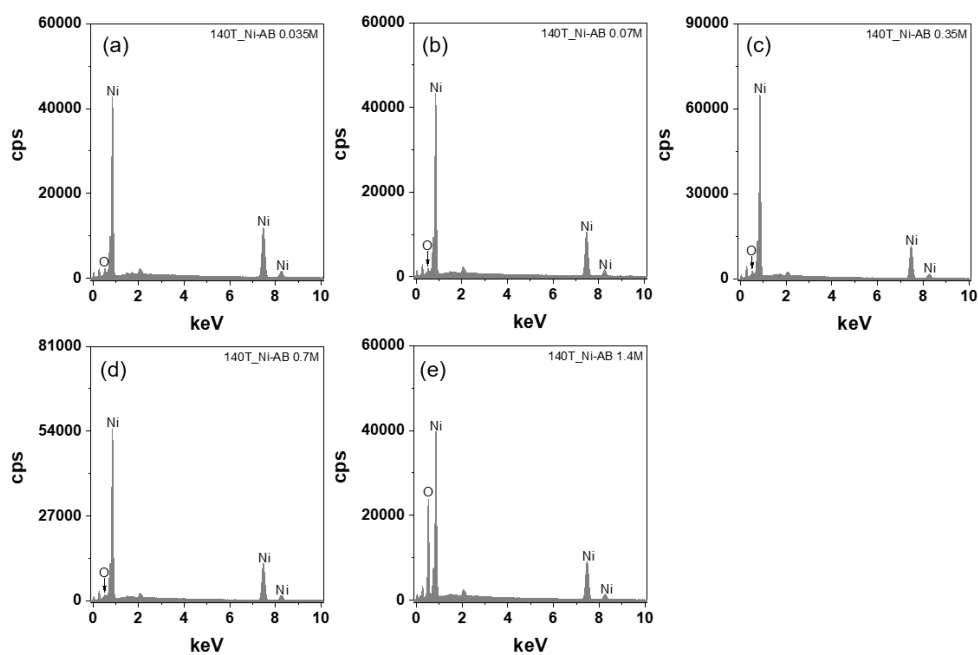


Figure S5. EDX data of synthesized Ni nanoparticles at 80 °C with different concentration ratio of Ni:AB as (a), 1:0.1. (b), 1:0.2 (c) 1:1, (d) 1:2, and (e) 1:4 respectively.