Tailoring the Magnetic Properties of Nickel Nanoshells through **Controlled Chemical Growth**

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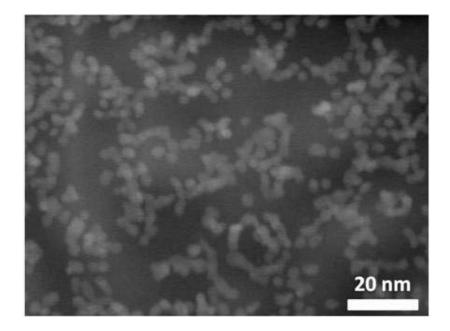


Figure S1. STEM image of the Pt nanoparticles deposited onto the surface of the colloidal PS beads.

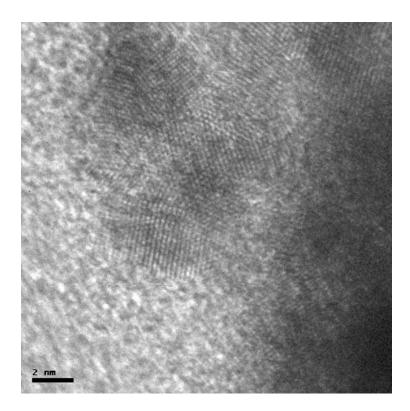


Figure S2. HRTEM image showing the polycrystalline nature of the Ni deposited onto the PS/Pt particles.

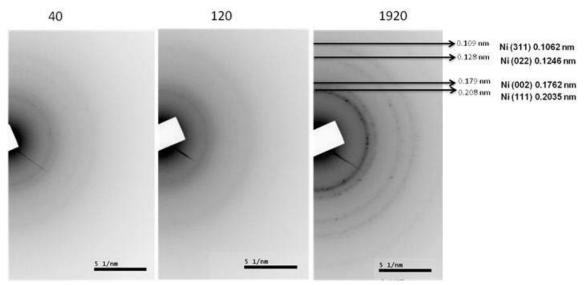


Figure S3. SAED analysis of PS/Pt/Ni composite particles with different PS:Ni weight ratio, 6:1 (a) 5 10:1 (b), 1:6 (c).