

Supporting Information

Electrochemical Synthesis of Large-Area Cobalt Microparticle Chain Networks on Ni Thin Layer and Their Template Applications

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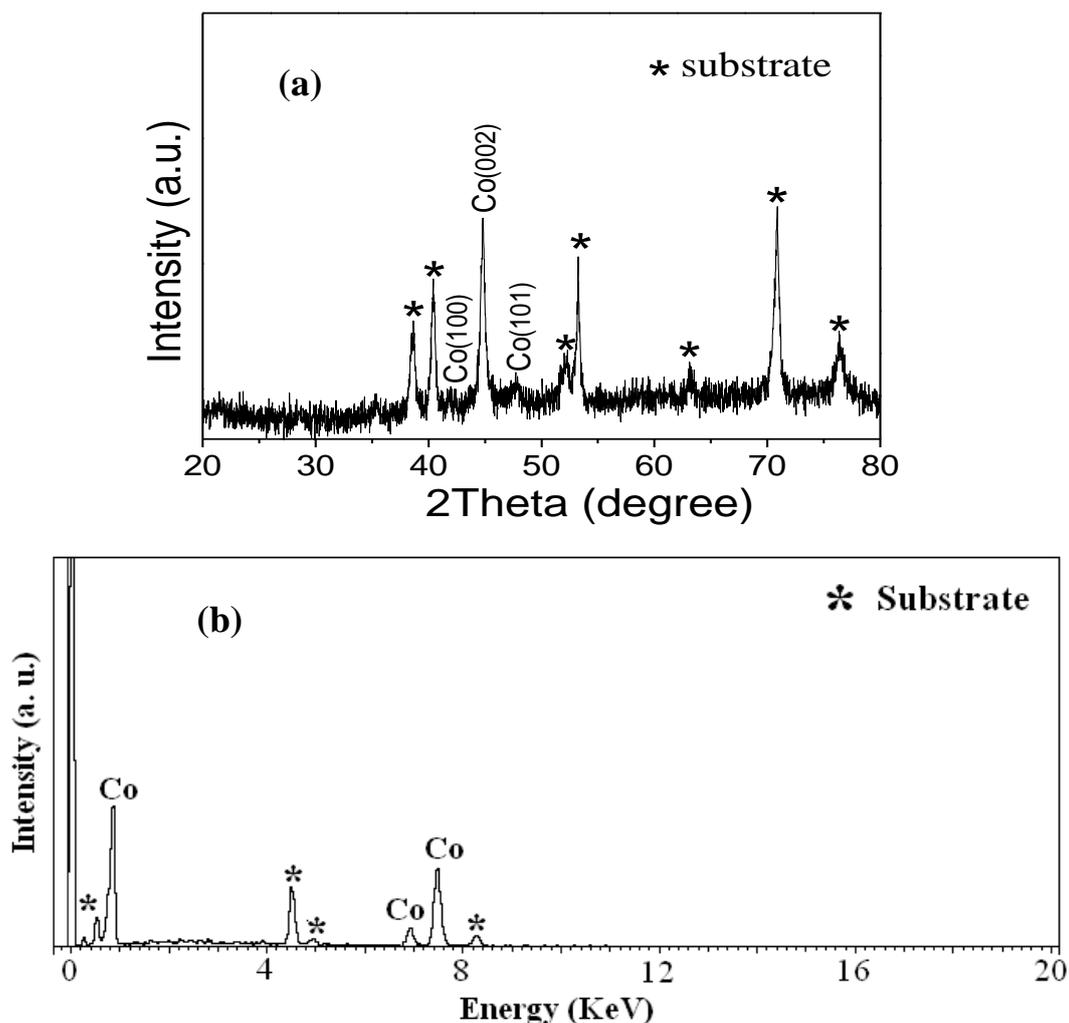


Figure S1. (a) XRD and (b) EDS patterns of Co nanoparticle chain networks.

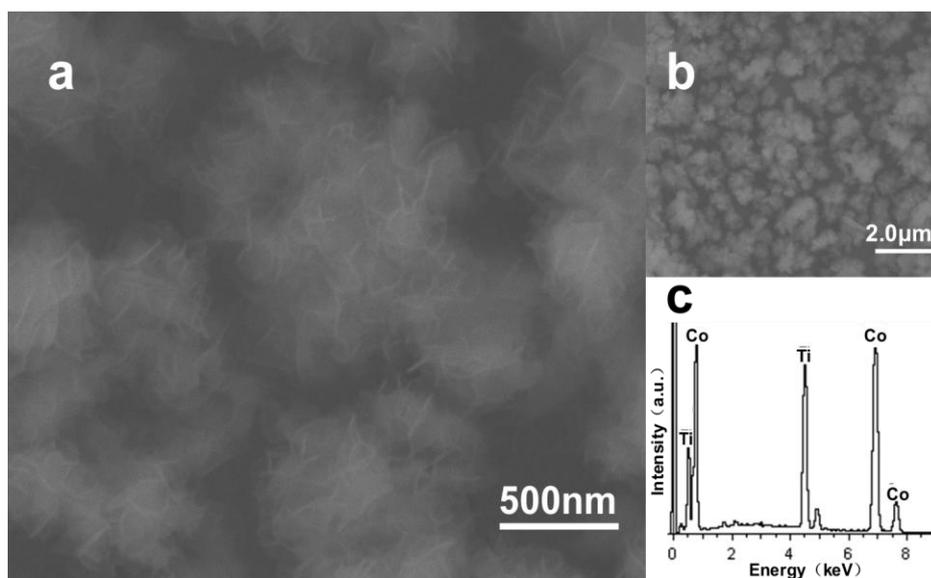


Figure S2. (a-b) SEM images of the flocculent Co deposits with different magnifications on titanium substrate without Ni thin film; (c) EDS pattern of Co films on titanium substrate. (The Ti peaks come from the substrate)

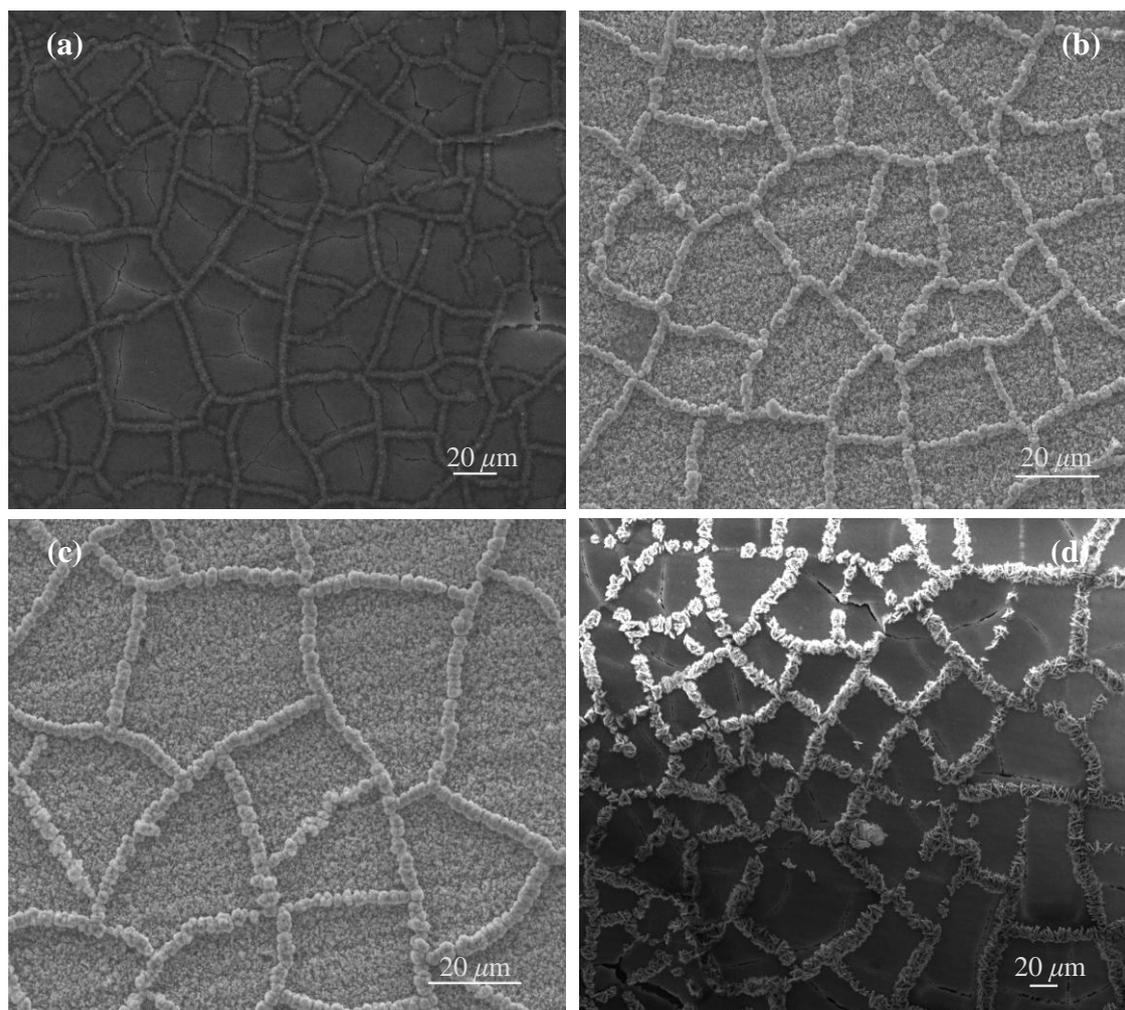


Figure S3. SEM images of the other synthesized Co nanoparticle chain networks.

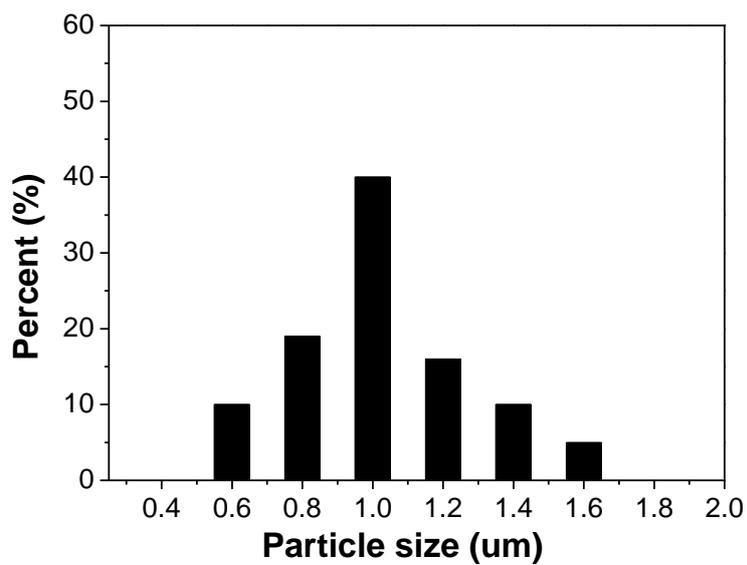


Figure S4. The histogram of Co particle size distribution in Co nanoparticle chain networks shown in Figure 1a.

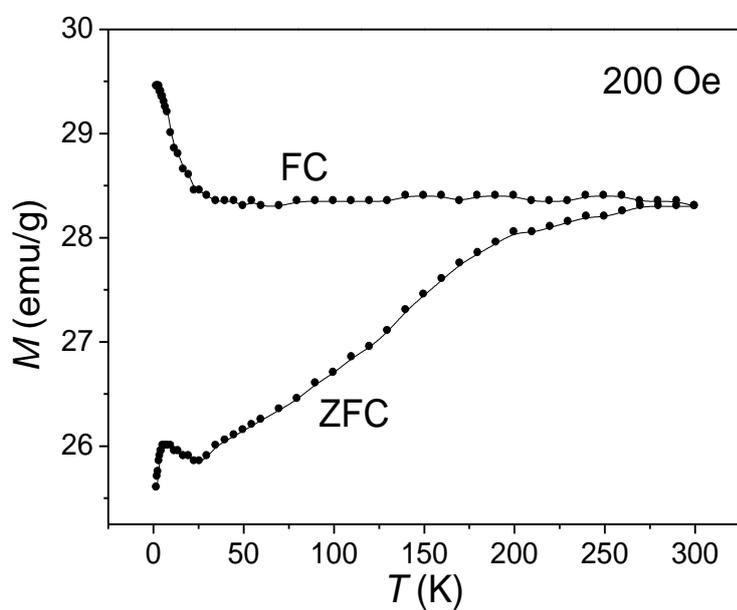


Figure S5. FC-ZFC curves of Co nanoparticle chain networks.

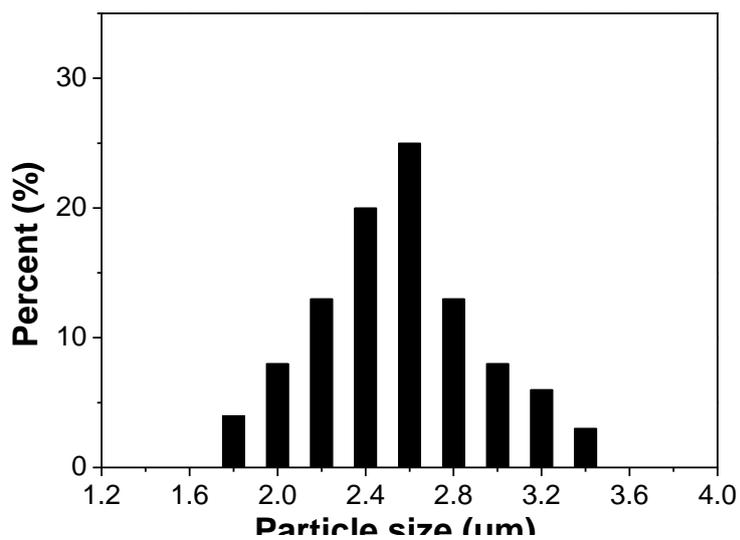


Figure S6. The histogram of Pt particle size distribution in Pt nanoparticle chain networks.

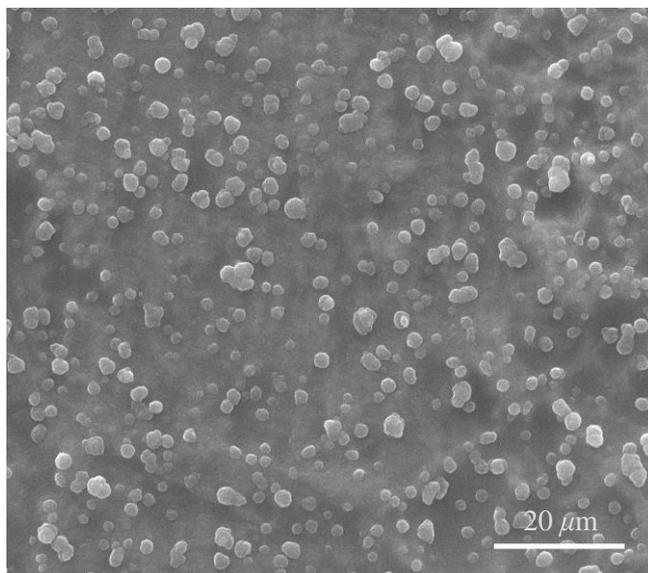


Figure S7. SEM image of out-of-order Pt nanoparticles.

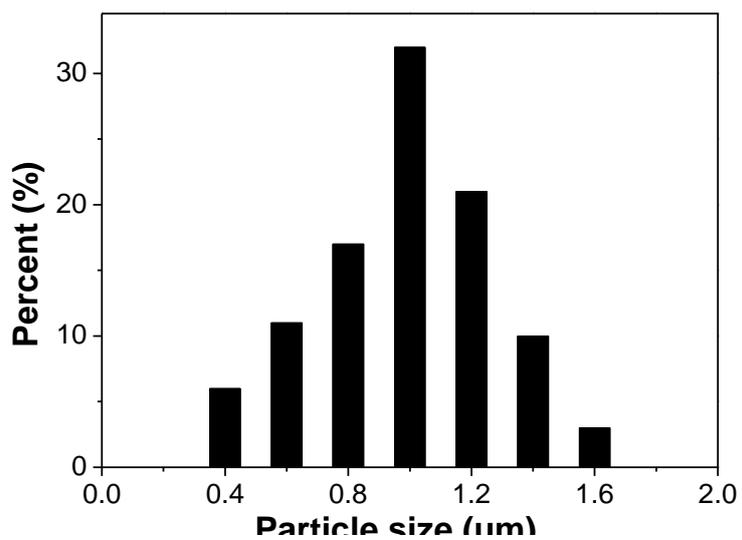


Figure S8. The histogram of Pt-Pd particle size distribution in Pt-Pd nanoparticle chain networks.

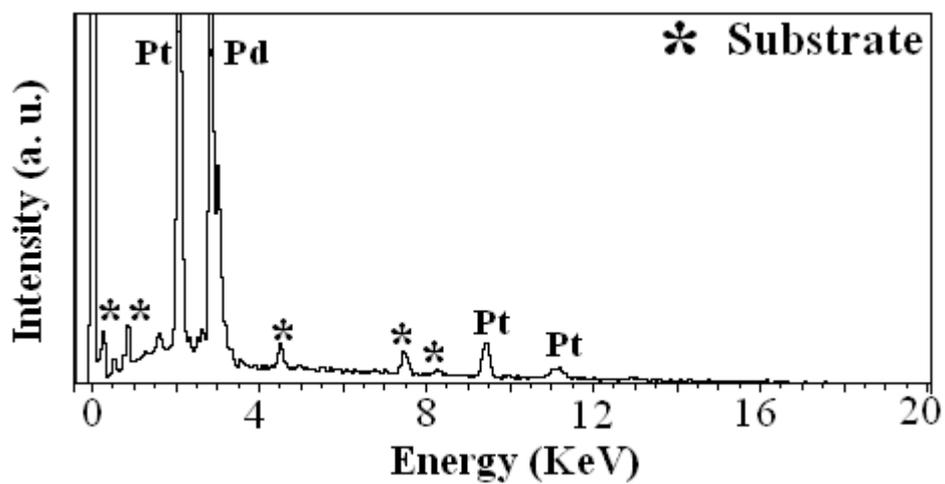


Figure S9. EDS pattern measured on the surface of Pt-Pd nanoparticle chain networks.