



Electrochemical Synthesis, Magnetic and Optical Characterisation of FePd Dense and Mesoporous Nanowires

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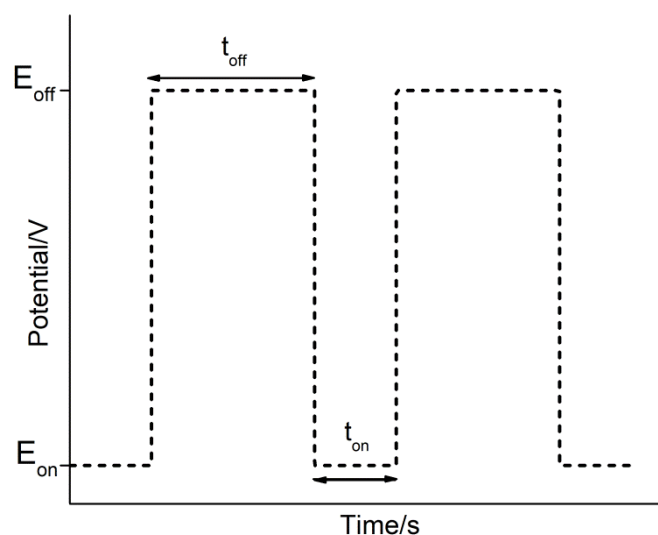


Figure S1. Pulsed potentiostatic electrodeposition scheme: during t_{on} , the potential E_{on} is applied at the selected deposition sites; during t_{off} , the electrodes are brought back to the initial open-circuit potential E_{off} .

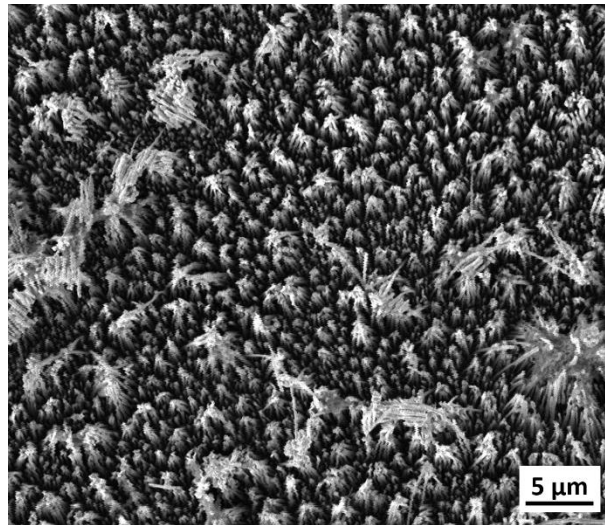


Figure S2. SEM image of the top surface of Porous-A nanowires partially embedded in the AAO template.

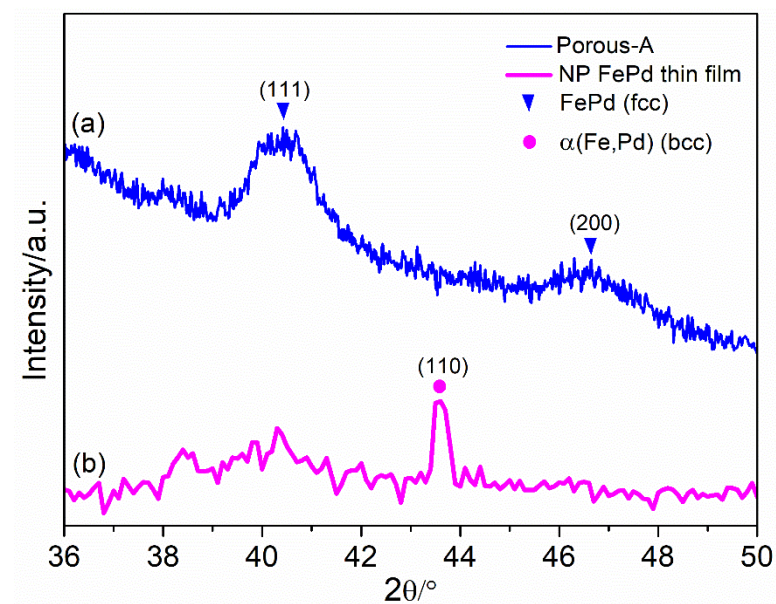


Figure S3. (a) XRD pattern of the as-deposited Porous-A embedded in the AAO template. (b) XRD pattern of Cialone et. al's nanoporous (NP) FePd thin film. .