

Supplementary Information

Nanoscale characterization and magnetic reversal mechanism investigation of electrospun NiFe₂O₄ multi-particles-chain nanofibres

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This file contains supplementary Figures S1 to S3 with legends.

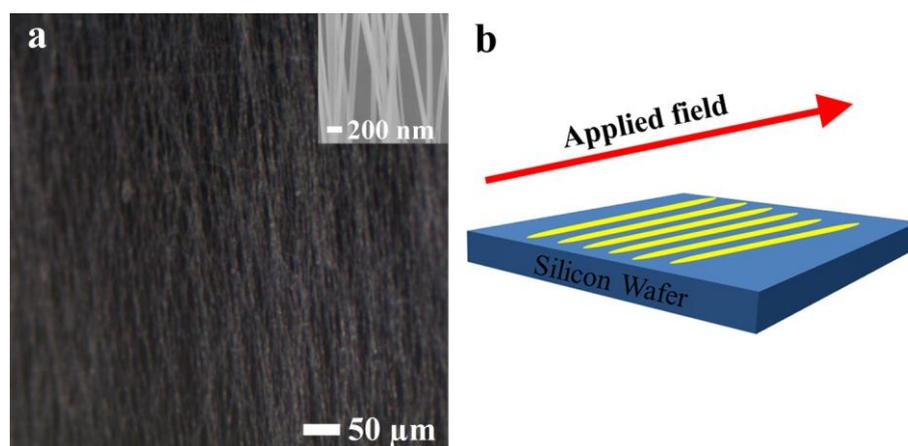


Figure S1 (a) Optical micrograph of a uniaxially aligned array of NiFe₂O₄ multi-particles-chain nanofibres by collecting the fibers with a silicon wafer, followed by calcination in air at 600 °C. Inset is the SEM image showing the alignment. (b) Schematic illustrating the experimental condition during the VSM measurement.

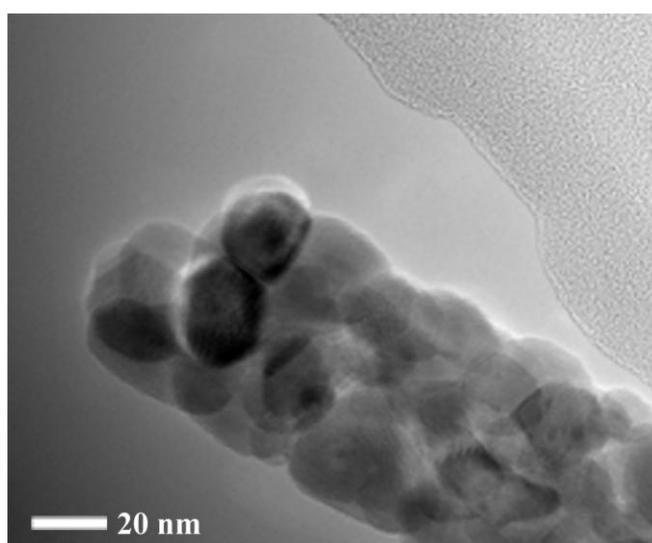


Figure S2 The cross section morphology of the individual NiFe₂O₄ multi-particles-chain nanofibres.

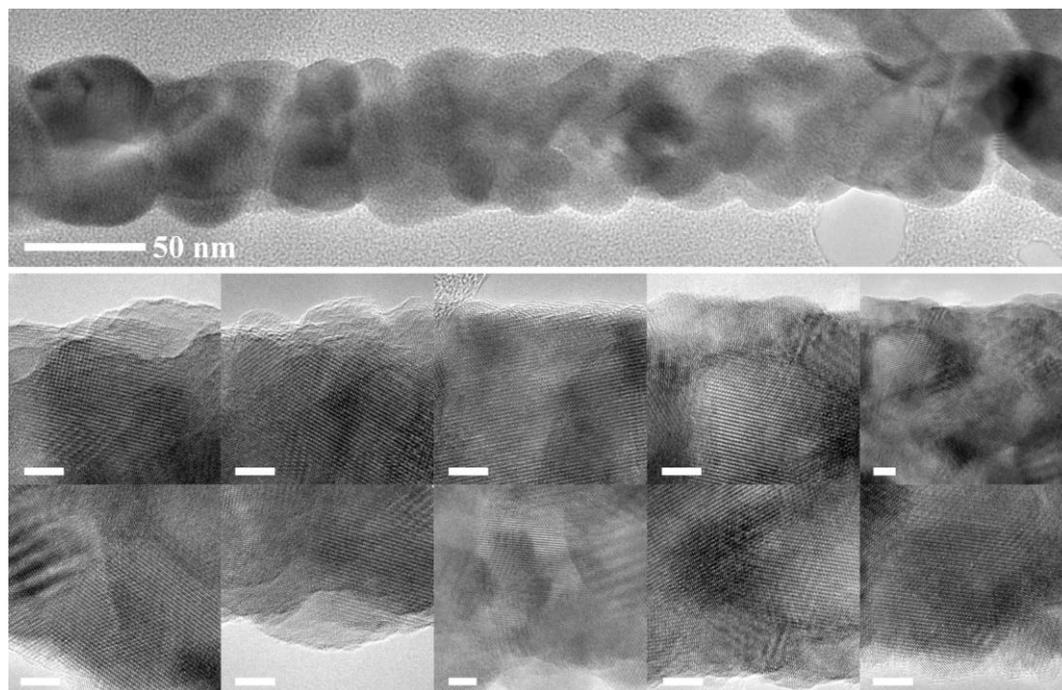


Figure S3 HRTEM images of (111) that random aquired from the same NiFe_2O_4 multi-particles-chain nanofibre. All scale bars are 5 nm.