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Figure S1: TEM microstructure of MN (SEAD pattern in the inset)



Figure S2: HR-TEM images of LMN6 (a and b)



Figure S3: VSM curve of Fe₃O₄



Figure S4: Time-temperature heating profile of Fe_3O_4



Figure S5: TEM microstructure of Fe_3O_4 nanoparticles