

Article

Hydrothermally Synthesized Mg-based Spinel Nanoferrites: Phase Formation and Study on Magnetic Features and Microwave Characteristics

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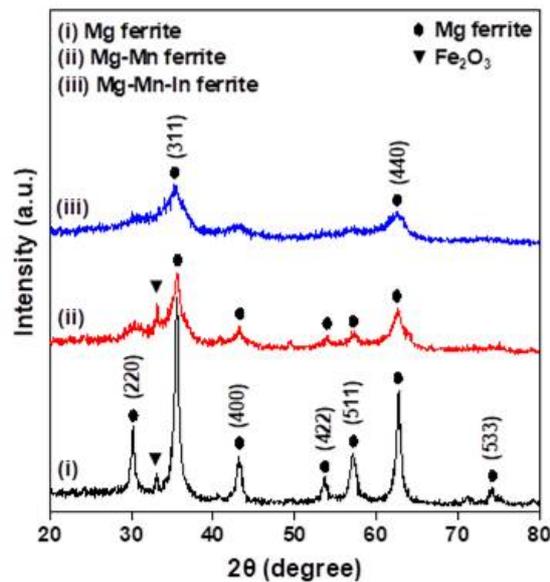


Figure S1. X-ray diffraction (XRD) patterns of Mg, Mg-Mn, and Mg-Mn-In ferrite nanoparticles after annealing at 500 °C for 2 h.

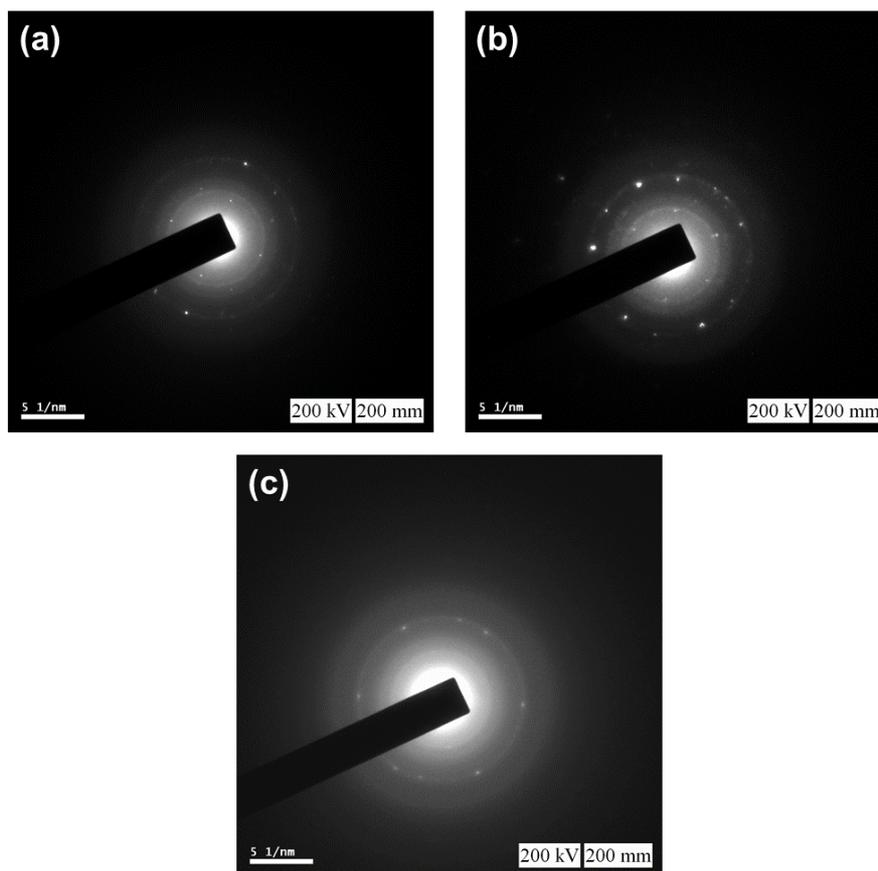


Figure S2. Electron diffraction (ED) patterns of Mg-based nanoferrites: (a) Mg, (b) Mg-Mn, and (c) Mg-Mn-In ferrite nanoparticles.

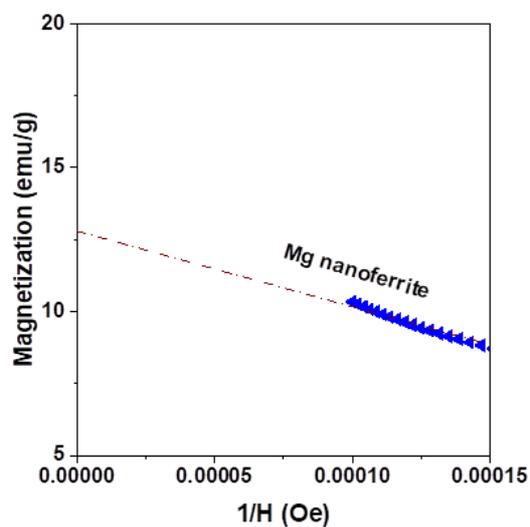


Figure S3. Plot of magnetization (M) versus the reciprocal of the magnetic field ($1/H$) for Mg ferrite nanoparticles in the high field.

