materials

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Supplementary Materials

Modulation of Crystallinity through Radiofrequency Electromagnetic Fields in PLLA/Magnetic Nanoparticles Composites: A Proof of Concept

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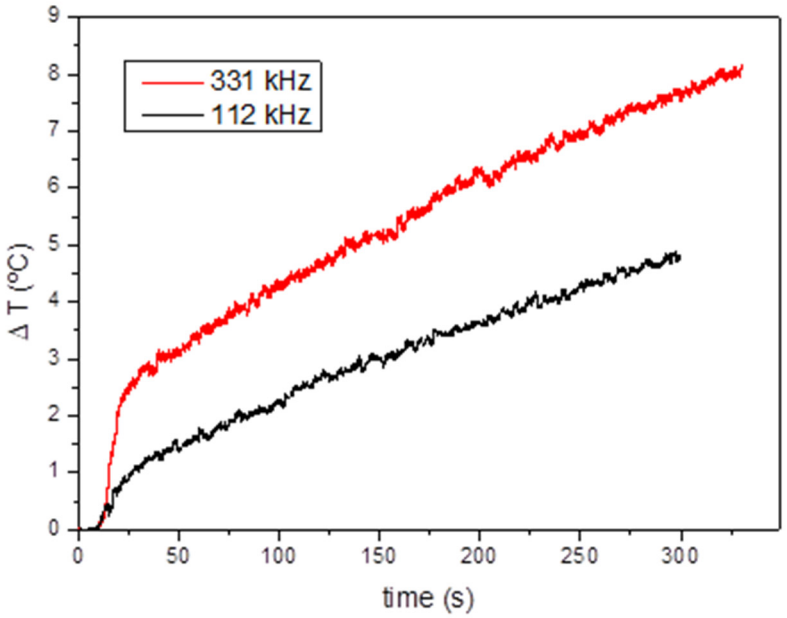

Figure S1. Heating curves of PLLA9Mn samples during the EMF treatment recorded by infrared camera.

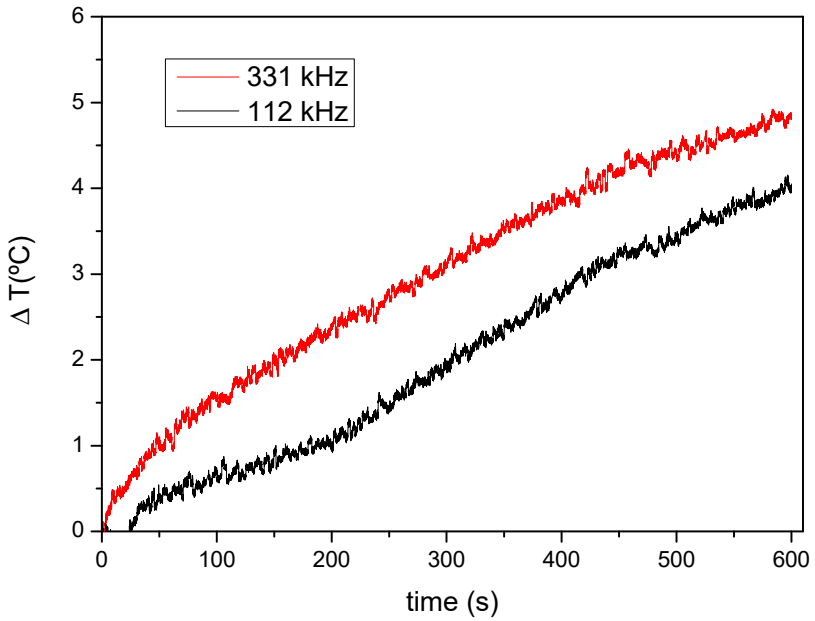

Figure S2. Heating curves of PLLA13Fe samples during the EMF treatment recorded by infrared camera.

Table S1. Representative bands of PLA and corresponding region in FTIR spectroscopy.

Region	Group or Bond
≥3000 cm^{-1} (missing)	–OH stretching vibration (carboxyl acids and alcohols)
3000–2800 cm^{-1}	CH region
1749 cm^{-1}	C=O stretching vibration of the carbonyl group
1456 cm^{-1}	Asymmetric bending of the CH_3
1361 cm^{-1}	Symmetric bending of the CH_3
1182 cm^{-1}	Asymmetric rocking of CH_3
1130 cm^{-1}	Symmetric rocking of CH_3
1083 cm^{-1}	Asymmetric stretching vibration of O–CO–O
1045 cm^{-1}	Stretching of C–CH_3