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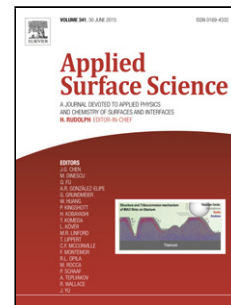
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Large polaron tunneling, magnetic and impedance analysis of magnesium ferrite nanocrystallite

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Graphical abstract

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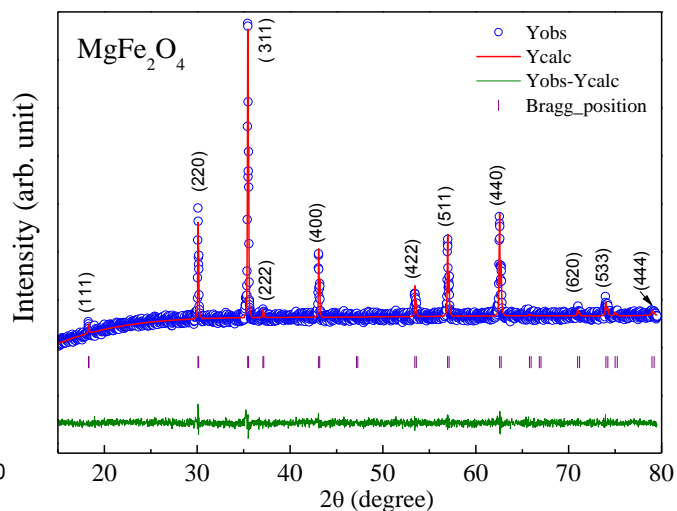
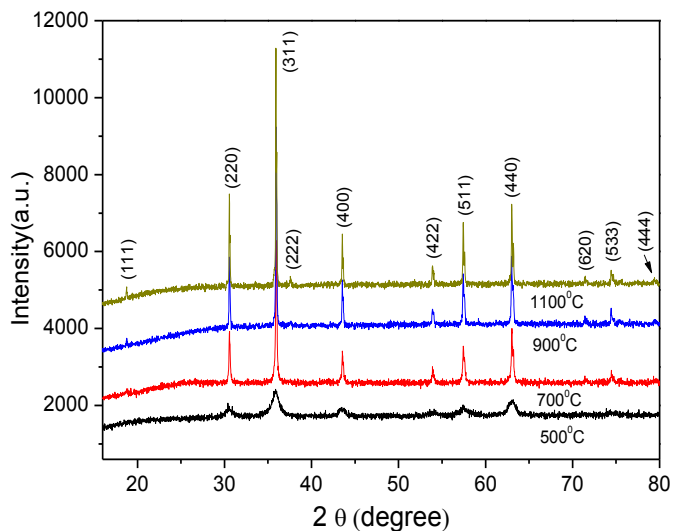


Fig.2. XRD patterns of MgFe_2O_4 calcined at 500-1100° C.

Fig.3. Rietveld plot of the structure of the MgFe_2O_4 spinel.

The diffraction peaks corresponding to the planes (111), (220), (311), (222), (400), (422), (511), (440), (620), (533) and (444) provide a clear evidence for the formation of spinel structure

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