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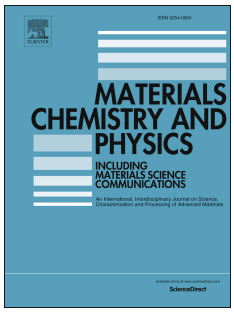

Okra extract-assisted green synthesis of $CoFe_2O_4$ nanoparticles and their optical, magnetic, and antimicrobial properties

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Highlights

- We report the synthesis of $CoFe_2O_4$ nanoparticles using Okra plant gel as a reducing agent.
- Simple green synthetic route based on "localized" microwave heating to synthesize nanoparticles.
- High purity single phase $CoFe_2O_4$ nanoparticles are reported.