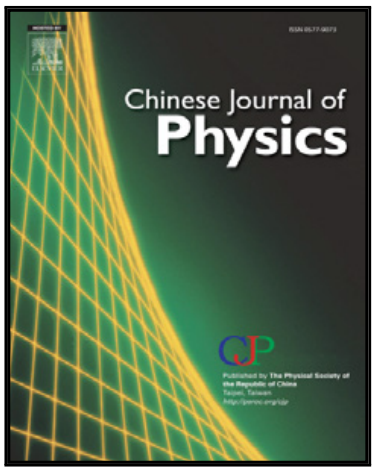

Effect of calcinations on the structural and magnetic properties of magnesium ferrite nanoparticles prepared by sol gel method

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Highlights

- Average cationic distribution among A site and B site are estimated.
- Coercivity is explained in terms of domain wall pinning.
- Blocking temperature increases with calcinations temperature.