

Accepted Manuscript

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

R.Paul singh , C. Venkataraju

PII: S0577-9073(17)31531-9
DOI: [10.1016/j.cjph.2018.07.005](https://doi.org/10.1016/j.cjph.2018.07.005)
Reference: CJPH 584



To appear in: *Chinese Journal of Physics*

Received date: 27 November 2017
Revised date: 20 March 2018
Accepted date: 5 July 2018

Please cite this article as: R.Paul singh , C. Venkataraju , Effect of calcinations on the structural and magnetic properties of magnesium ferrite nanoparticles prepared by sol gel method , *Chinese Journal of Physics* (2018), doi: [10.1016/j.cjph.2018.07.005](https://doi.org/10.1016/j.cjph.2018.07.005)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

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.

Download English Version:

<https://daneshyari.com/en/article/11030974>

Download Persian Version:

<https://daneshyari.com/article/11030974>

[Daneshyari.com](https://daneshyari.com)