

Accepted Manuscript

Title: Structural and magnetic response of Ni_x substitution in Co_{0.8-x}Mn_{0.2}Fe₂O₄ Spinel Ferrites

Authors: N. Adeela, U. Khan, S. Naz, K. Khan, RUR. Sagar, S. Aslam, D. Wu



PII: S0025-5408(18)30563-4
DOI: <https://doi.org/10.1016/j.materresbull.2018.06.032>
Reference: MRB 10070

To appear in: *MRB*

Received date: 20-2-2018
Revised date: 27-5-2018
Accepted date: 27-6-2018

Please cite this article as: Adeela N, Khan U, Naz S, Khan K, Sagar R, Aslam S, Wu D, Structural and magnetic response of Ni_x substitution in Co_{0.8-x}Mn_{0.2}Fe₂O₄ Spinel Ferrites, *Materials Research Bulletin* (2018), <https://doi.org/10.1016/j.materresbull.2018.06.032>

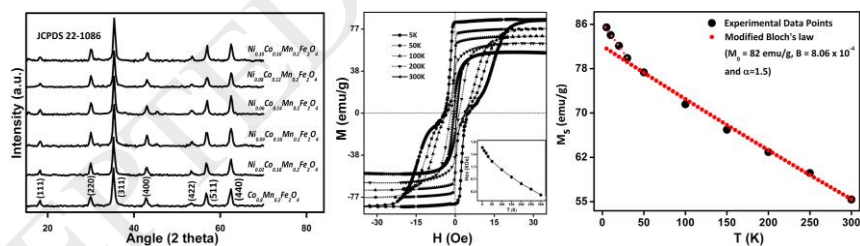
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please 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.

Structural and magnetic response of Ni_x substitution in Co_{0.8-x}Mn_{0.2}Fe₂O₄ Spinel FerritesN. Adeela^{a,†}, U. Khan^{b,†}, S. Naz^c, K. Khan^d, RUR. Sagar^e, S. Aslam^f and D. Wu^{a,*}^a Polymer Material Department, School of Chemical Engineering, Guangdong University of Petrochemical Technology, Maoming, China.^b Low dimensional materials and devices laboratory, Tsinghua-Berkeley Shenzhen institute, Tsinghua University Shenzhen, 518055, PR China.^c Department of Mathematics, University of Gujrat, Gujrat 54700, Pakistan.^d College of Electronic Science and Technology of Shenzhen University, THz Technical Research Center of Shenzhen University, Key Laboratory of Optoelectronics Devices and Systems of Ministry of Education and Guangdong Province Shenzhen University, Shenzhen 518060.^e Division of Energy and Environment, Graduate School at Shenzhen, Tsinghua University, Shenzhen 518055, China.^f Materials science and engineering, Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen, 518055, China.

*Corresponding author should be addressed; E-Mail: wudangxtu@163.com (Dang Wu) and usman_cssp@yahoo.com (Usman Khan)

[†] N. Adeela and U. Khan contributed equally

Graphical Abstract



Download English Version:

<https://daneshyari.com/en/article/7904313>

Download Persian Version:

<https://daneshyari.com/article/7904313>

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