

Table of Contents

Editors' Note

Hexagonal Ferrite Fibres and Nanofibres

R.C. Pullar 1

Electrical and Magnetic Properties of Mg-Cr and Co-Cr Nano Ferrites Synthesized by Citrate-Gel Method

M. Raghasudha, D. Ravinder and P. Veerasomaiah 69

Modification of the Magnetic Properties of Co_2Y Hexaferrites by Divalent and Trivalent Metal Substitutions

S.H. Mahmood, M.D. Zaqasaw, O.E. Mohsen, A. Awadallah, I. Bsoul, M. Awawdeh and Q.I. Mohaidat 93

Nanoferrites of Transition Metals and their Catalytic Activity

J.K. Sharma, P. Srivastava, G. Singh and H.S. Virk 126

Super-Paramagnetic Nanoparticles with Spinel Structure: A Review of Synthesis and Biomedical Applications

W.S. Galvão, D.M.A. Neto, R.M. Freire and P.B.A. Fachine 139

Magnetic Nanoparticles: Synthesis and Properties

K.G. Rewatkar 177

Studies on Internal Friction and Curie Temperature of NiMgCuZn Spinel Ferrites for Micro-Inductor Applications

N. Varalaxmi, K.V. Sivakumar and H.S. Virk 202

Influence of Ca-Doping on Structural, Magnetic and Dielectric Properties of $\text{Ba}_3\text{Co}_{2-x}\text{Ca}_x\text{Fe}_{24}\text{O}_{41}$ Hexaferrite Powders

N. Solanki and R.B. Jotania 226