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4. Dielectric behaviour and ac conductivity of Tb$^{3+}$ doped Ni$_{0.4}$Zn$_{0.6}$Fe$_2$O$_4$ nanoparticles, Binu P Jacob, Smitha Thankachan, Sheena Xavier and E.M. Mohammed, J. Alloys Compd. (Under review).

5. Effect of Tb$^{3+}$ substitution on structural, electrical and magnetic properties of nanocrystalline nickel ferrite, Binu P Jacob, Smitha Thankachan, Sheena Xavier and E.M. Mohammed, Current Applied Physics (Under review).


7. Dielectric behaviour of Cd$^{2+}$ substituted nanocrystalline nickel ferrite co-doped with gadolinium ions, Binu P Jacob, Smitha Thankachan, Sheena Xavier and E.M. Mohammed, Material Letters (Communicated).


10. Study of dielectric properties of Co$_{0.1}$Zn$_{0.9}$Fe$_2$O$_4$ nanoparticles, Sheena Xavier, Binu P J, Smitha Thankachan, E.M. Mohammed, Sci. & Soc. 9(2) (2011) 175-182.


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2. Effect of samarium doping on magnetic and electrical properties of nanosizecobalt ferrite, Sheena Xavier, Binu P J, Smitha Thankachan, E.M. Mohammed, International conference ICNANO, December 2011 Jointly organized by University of Delhi, VBRI Press and IAAM.


6. Structural studies of nickel ferrite nanoparticles synthesized by sol-gel technique, Binu P Jacob, Suresh Babu M, E.M. Mohammed, Internationalconference COCHIN NANO 2009, Organized by Dept. of Physics, CUSAT,