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Research Publications : in proceedings of international/national conferences

2015

1. Anjali Oudhia, Youman Kumar Sahu, Aarti Chaudhary and **Mohan L Verma**

[A FIRST PRINCIPLE STUDY OF ELECTRONIC STRUCTURE OF ZnO NANORIBBON](#)

International Journal of Advanced Engineering Research and Studies/IV/II/Jan.-
March,2015/294-295.

2. Upma, **Mohan L Verma** and Rachna Singh

[Ab initio studies on electronic structure and charge density of potato starch](#)

International Journal of Advanced Engineering Research and Studies /IV/II/Jan.-
March,2015/294-295.

3. Durga Verma, R.P. Patel, **Mohan L Verma**

PREPARATION OF Eu-ACTIVATED Sr₂SiO₄ PHOSPHOR BY A COMBUSTION METHOD AND ITS OPTICAL PROPERTIES

International Journal of Advanced Engineering Research and Studies /IV/II/Jan.-March,2015/271-272.

2011

4. **Mohan L. Verma**, B. Keshav Rao and Homendra Sahu

[Modeling of a transport properties of a nano-composite material](#)

in the *proceedings of National Conference on recent trends in physics of solids*, Excellent publishing house, eds. K.V.R. Murthy et al. pp. 59-63 2011.

2008

5. **Mohan L. Verma** and B. Keshav Rao

[Modeling of Space Charge Density in Nanocomposite Solid Electrolyte 0.9AgCl:0.1SiO₂](#)

in the *proceeding of International conference on interdisciplinary approach in physical sciences: Growing trends and recent advances*, Guru Ghansidas University Bilaspur (Chhattisgarh) India 2008.

6. **Mohan L. Verma**, Mimi Mukherjee and Arti Verma

[Structural characterization of nano-crystalline CdS by digital image processing](#)

in the *proceeding of International conference of Interdisciplinary approach in physical sciences : growing trends and recent advances*, Guru Ghansidas University Bilaspur (Chhattisgarh) India 2008.

2007

7. **Mohan L. Verma**, K. Deshmukh and Anil Choubey

[Modeling and Determination of drift mobility of Ag⁺ in 0.75 AgI:0.25AgCl](#)

in the *proceeding of National Conference on Physics of Nano Structured Functional Materials*, Bhilai Institute of Technology-Durg, pp- 72-76 2007.

8. **Mohan L. Verma**, B. K. Rao and Mimi Mukherjee

[Modeling and evaluation of Ag⁺ diffusion in nanocomposite electrolyte 0.9AgI:0.1SiO₂](#)

in the *proceedings of National Conference on Physics of Nano Structured Functional Materials*, Bhilai Institute of Technology-Durg, pp -52-56 2007.

9. Mimi Mukherjee, **Mohan L. Verma**, S. Bhushan and Purna Bose

[Electro-optical studies of chemically deposited Lanthanum/Neodymium doped \(Cd-Pb\)S films](#)

in the *proceedings of National Conference on Physics of Nano Structured Functional Materials*, Bhilai Institute of Technology-Durg, pp- 78-82, 2007.

10. Mimi Mukherjee, **Mohan L. Verma**, Swagota Sarkar and S. Bhushan

[Photoconductivity and nanoparticle studies of some chemically deposited CdS & \(Cd-Pb\)S films](#)

in *Advances in Electronic Materials & Devices* [AEMD – 2006], Edts. P.K. Bajpai et al., Anamaya Publications, New Delhi (2007) ISBN No. 81-88342-91-2.

11. **Mohan L. Verma**, Mimi Mukherjee, B.K. RaO and O.P. Verma

[A preliminary modeling of ionic drift mobility of a nanocomposite 0.9 AgI:SiO₂](#)

in *Advances in Electronic Materials & Devices* [AEMD – 2006], Edts. P.K. Bajpai et al., Anamaya Publications, New Delhi (2007) ISBN No. 81-88342-91-2.

12. **Mohan L. Verma**, Mimi Mukherjee, B. K. Rao and Lalit K. Bhaiya

A preliminary modeling of space charge dielectric constant of nanocomposite [0.9AgI :0.1 SiO₂]

in *proceeding of National conference in recent trends in material science*(RTMS06), North Maharashtra University, Jalgaon (MS) 2006.

2002

13. R.C. Agrawal, Chetan K. Sinha and **Mohan L. Verma**

Discharge characteristic study on solid-state battery using composite electrolyte system 0.8 [0.25AgI: 0.25AgCl]:0.2Fe₂O₃

in *Proc. of the 7th Int. symposium in Advances in Electrochemical Science and Technology*, ISAEST –VII, Chennai India 174-177 2002.

Summary : Total International : 05, Total National : 08
