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Recent Publications (names of latest five) of Prof. Ranjit Singha

1. Photoluminescence Studies of H_2O_2 Treated Chemically Synthesized ZnO Nanostructures *by* Patwari G., Bodo B.J, Singha R and Kalita P.K.,,*Research Journal of Chemical Sciences* 2231-606X Vol. 3(9), 45-50, September (2013).

2. Structural and Optical Properties of Chemically Synthesized ZnS Nanostructures by Bhaskarjyoti Bodo, Ranjit Singha and Sukumar Chandra Das. International Journal of Applied Physics and Mathematics. Vol. 2. No. 4, July 2012.

3. Thermoluminescence of Topaz X- Irradiated at 80K- Phys. Stat. Sol. (a) 93, K59 (1986).

4. Thermoluminescence of Beryl and Its Analysis- Phys. Stat. Sol (a)- 87,509(1984).

5. Post-Irradiation Deformation of Mn-Doped KCl-a thermoluminescence study J.Mat. Sci. Letters 2(1983) 549-552.

Invited Talk:

Invited talk on "Physics of the archaeological dating methods" National Seminar on Physics for Cultural Heritage on 25th and 26th May,2012 at D.M. College Imphal

Reviewer: Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (Elsevier publication)

Recently published / Presented papers

1. Characterisation Of Al And Cu Doped Zno Nanostructures Synthesized Through Chemical Route Using Glucose As Capping Agent: by G. Patowari , B J Bodo, Ranjit Singha and P K Kalita 3rd International Conference on Advanced Nanomaterials and Nanotechnology, 1-3 Dec, 2013, organised by IIT Guwahti

2. Structural and Optical properties of CdS Quantum Dots with narrow size distribution: by S.C. Das[1] , Bhaskarjyoti Bodo[1,2] Ranjit Singha and G Patowari

3rd International Conference on Advanced Nanomaterials and Nanotechnology, 1-3 Dec, 2013, organised by IIT Guwahti

3. Synthesis and Characterization of Pure and Mn-Doped ZnO Nanoparticles. International Conference on Material Science (ICMS-2013)", 21-23 February 2013, Organized by Dept. of Physics, Tripura University.

4. Chemical Synthesis of Grainlike ZnO nanostructures by Binapani Goswami, Ranjit Singha and Bhaskarjyoti Bodo presented in the International Symposium on Processing and Fabrication of Advanced Materials (PFAM-21) held during 10-13, December,2012 at IIT Guwahati, India. Published by I.K. International Publishing House Pvt. Ltd.

5. Structural and Optical Characterization of Chemically Synthesized ZnS:Cu Nanophosphors by Bhaskarjyoti Bodo, Ranjit Singha and Sidananda Sarma: presented in the International Symposium on Processing and Fabrication of Advanced Materials (PFAM-21) 10-13, December, 2012 at IIT Guwahati, India. Published by I.K. International Publishing House Pvt. Ltd.

6. Thermally Stimulated luminescence of Beryl - A study on pre-irradiation heat-treatment. 5th National Conference on Thermophysical Properties Maharaja Sayajirao University of Baroda, Applied Physics Department, Vadodara 7-9 October 2009.