

## **List of All ECSoE Publications** **(Journals / Conferences / Books / Book Chapters )**

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# Journals

2014

1. **P. Kondaiah**, K. Shankar and N. Ganesan, "Pyroeffects on multiphase magneto-electro-elastic sensor patch bonded on mild steel plate", *Int. Journal on Smart sensing and Intelligent systems*, 7, 1134-1155, (2014)
2. V Singh, P Grammatikopoulos, C Cassidy, M Benelmekki, **M Bohra**, "Assembly of tantalum porous films with graded oxidation profile from size-selected nanoparticles", *Journal of Nanoparticle Research*, 16 (5), 1-10 (2014).
3. RE Diaz, **M Bohra**, V Singh, M Sowwan, "In-situ Scanning Transmission Electron Microscopy Annealing Studies of Ni<sub>1-x</sub>Cr<sub>x</sub> Nanocluster and Correlation with Magnetic Properties", *Microscopy and Microanalysis*, 20 (S3), 1664 (2014).
4. **M Bohra**, V Singh, M Sowwan, JF Bobo, CJ Chung, B Clemens, "Influence of packaging on the surface oxidation and magnetic properties of cobalt nanocrystals", *Journal of Physics D: Applied Physics*, 47 (30), 305002 (2014).
5. M Benelmekki, **M Bohra**, JH Kim, RE Diaz, J Vernieres, "A facile single-step synthesis of ternary multicore magneto-plasmonic nanoparticles", *Nanoscale*, 6 (7), 3532 (2014).
6. JH Kim, **M Bohra**, V Singh, C Cassidy, M Sowwan, "Smart Composite Nanosheets with Adaptive Optical Properties", *ACS Applied Materials & Interfaces*, 6 (16), 13339 (2014).
7. **Jayasri Dontabhaktuni**, Regina Jose, K. P. N. Murthy and V. S. S. Sastry, "Effect of phase shift between geometrical and chemical patterning in nematic liquid crystal cells: A Monte Carlo Study", *J. Comp. Mater. Sci.*, 92, 238-243, (2014).
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11. **B. P. Pal**, "Optical fiber sensors: a versatile technology platform for sensing (Invited)", *J. Indian Institute of Science (Special issue on Fiber Optic Sensors)*, vol. 94, No. 3, pp. 283-309, (2014).

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12. E Lišková-Jakubisová, Š Višňovský, P Široký, D Hrabovský, J Pištora, **M Bohra**, "Nanocrystalline zinc ferrite films studied by magneto-optical spectroscopy", *Journal of Applied Physics*, 117 (17), 17B726 (2015).
13. **Manoj K. Yadav**, "Initial boundary value problems for some damped nonlinear conservation laws", *Electronic Journal of Qualitative Theory of Differential Equations*, No. 86, 1-11, (2015).
14. **Dibakar Roy Chowdhury**, Ningning Xu, Weili Zhang and Ranjan Singh, "Resonance tuning due to Coulomb interaction in strong near field coupled metamaterials", *Journal of Applied Physics*, 118, 023104 (2015).
15. Sumeet Walia, Charan Manish Shah, Philipp Gutruf, Hussein Nili, **Dibakar Roy Chowdhury**, Withawat Withayachumnankul, Madhu Bhaskaran and Sharath Sriram, "Flexible Metasurfaces and Metamaterials: A Review of Materials and Fabrication processes at Micro- and Nano-Scales", *Applied Physics Review*, 2, 011303 (2015).
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## 2019

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