

## List of Publications: Dr. Anchal Srivastava

1. Synthesis of Carbon Nanotube (**Review**)  
Kalpana Awasthi, **Anchal Srivastava**, and O.N. Srivastava  
**J. Nanoscience & Nanotechnology**, Vol. 5, 2005, 1616-1636.
2. Nucleation and Growth of Catalyst-Free ZnO Nanostructures  
Jai Singh, **Anchal Srivastava**, R. S. Tiwari, and O. N. Srivastava  
**J. Nanoscience & Nanotechnology**, Vol.5, No.12, 2005, 2093-2098.
3. Investigations on hydrogen storage behavior of CNT doped NaAlH<sub>4</sub>  
D. Pukazhselvan, Bipin Kumar Gupta, **Anchal Srivastava**, O.N. Srivastava  
**Journal Alloys & Compounds** Vol. 403, 2005, 312-317.
4. Effect of ferrocene concentration on the synthesis of bamboo shaped carbon-nitrogen nanotubes bundles using Acetonitrile-Ferrocene solution  
Ram Manohar Yadav, T Shripathi, **Anchal Srivastava** and O N Srivastava  
**J. Nanoscience & Nanotechnology**, Vol. 4, No. 7, 2005
5. Carbon Nanotube Filters  
**Anchal Srivastava**, O N Srivastava, S Talapatra, R Vajtai and P M Ajayan  
**Nature Materials** 3, 2004, 610-614.
6. Growth of Bamboo-shaped C-N<sub>x</sub> Nanotubes Employing Acetonitrile –Ferrocene Precursor  
Ram Manohar Yadav, **Anchal Srivastava** and O.N.Srivastava  
**J. Nanoscience and Nanotechnology**, Vol. 4, No. 7, 2004, 1-3.
7. Curious aligned growth of carbon nanotubes under applied electric field  
**Anchal Srivastava**, A.K. Srivastava and O.N. Srivastava  
**Carbon** 39, 2001, 201-206.
8. Effect of external electric field on the growth on nanotubes  
**Anchal Srivastava**, A.K. Srivastava and O.N. Srivastava  
**Appl. Phys. Lett.** 72(14), 1998, 1685-1687.
9. Synthesis, characterization and application of some nanomaterials (TiO<sub>2</sub> and SiC nanostructured films, organized CNT structures, ZnO structures and CNT-blood platelet clusters)  
O N Srivastava, **Anchal Srivastava**, D Dash, D P Singh, R M Yadav, P R Mishra and Jai Singh  
**Parmana** 65(4), 2005, 581-592.
10. Improvement in hydrogen storage capacity in LaNi<sub>5</sub> through substitution of Ni by Fe  
Sunil Kumar Pandey, **Anchal Srivastava**, O.N. Srivastava  
Int. J. of Hydrogen Energy ;accepted 2006; doi:10.1016/j.ijhydene.2006.12.003 (In Press)
11. Tubes of Carbon nanotubes  
Upendra K Parashar, Rajesh K Srivastava, Santosh K Yadav and **Anchal Srivastava**  
Proc. DAE-BRNS **Int. Symp. Materials Chemistry (ISMC-06)**”, 2006, 433-436.
12. Synthesis and characterization of carbon nanotube–polyethylene oxide composites  
Kalpana Awasthi, Seema Awasthi, **Anchal Srivastava**, R Kamalakaran, S Talapatra, P M Ajayan and O N Srivastava  
**Nanotechnology** 17 (2006) 5417–5422
13. Growth and characterization of gallium nitride nanocrystals on carbon nanotubes  
Journal of Crystal Growth ( In Press)  
V. Suresh Kumar, J. Kumar, Rajesh Kumar Srivastava, **Anchal Srivastava** and O.N.Srivastava