List of Publications

Journals

1. *Growth of SnO$_2$/W$_{18}$O$_{49}$ nanowire hierarchical heterostructure and their application as chemical sensor*

2. *Growth and gas-sensing studies of metal oxide semiconductor nanostructures*
   Prajakta Kanitkar, Manmeet Kaur, Shashwati Sen, Aditee Joshi, Vivek Kumar, S.K. Gupta* and J.V. Yakhmi

3. *Synthesis and characterization of Copper nanostructures on Silicon substrates*

4. *The effect of humidity on an Ag-polyaniline nanocomposite*

5. *Optical Fibre Humidity sensor based on Ag Nanoparticles Dispersed in leaf extracts of alstonia scholaris*
   Sensors and transducers 92 (2008) 43-54
6. Effect of particle size variation of Ag nanoparticles in Polyaniline composite on humidity sensing
Madhavi V. Fuke, Prajakta Kanitkar, Milind Kulkarni, B.B. Kale, R.C. Aiyer
Talanta 81 (2010) 320-326

7. Optical Humidity Sensing Characteristics of Ag-Polyaniline Nanocomposite
Madhavi V. Fuke, Anu Vijayan, Prajakta Kanitkar, and R. C. Aiyer
IEEE SENSORS JOURNAL 9 (2009) No.6

8. Hierarchical Nano Heterostructures of SnO$_2$-WO$_x$: Growth and Sensing Studies

9. Synthesis and electrical characterization of Ag, Au-PVP nanocomposites for humidity sensing

In Conference Proceedings


3. “Orientation specific self assembled Copper nanostructures on Si”


5. “Substrate induced triangular Copper nanopatterns on Silicon”