

## *LIST OF PUBLICATIONS*

---

1. P. C. Pandey, **Arvind Prakash** “Studies on the Synthesis and Characterization of Pd-TiO<sub>2</sub>-SiO<sub>2</sub> Nanocomposite for Electroanalytical Applications” **Electroanalysis**, 2011, 23, No. 8, 1991–1997.
2. P. C. Pandey, **Arvind Prakash**, Ashish K. Pandey “Studies on electrochemical and peroxidase mimetic behavior of Prussian blue Nanoparticles in the presence of Pd-WO<sub>3</sub>-SiO<sub>2</sub>; bioelectro-catalytic sensing of H<sub>2</sub>O<sub>2</sub>” **Electrochimica Acta** 127 (2014) 132–138.
3. P. C. Pandey, **Arvind Prakash** “Effect of variable nanogeometry of Titanium oxide-gold nanocomposite on electrochemical sensing of Hydrazine” **J Phys Chem Biophys Volume 4 • Issue 1 • 1000134**.
4. P. C. Pandey, **Arvind Prakash**, D. Pandey, Ashish K. Pandey “Facile chemical synthesis of Graphene-Prussian blue composite applied for hydrogen peroxide sensing” **J Anal Bioanal Tech** 2014, S7.
5. P. C. Pandey, **Arvind Prakash** “Electrochemistry of redox mediators encapsulated within organically modified silicate matrix in the presence of TiO<sub>2</sub> and palladium nanoparticles; application on electroanalysis of ascorbic acid” **Journal of Electroanalytical Chemistry** 729 (2014) 95–102.

6.