

LIST OF PUBLICATIONS

1. P. C. Pandey, **Richa Singh** and Ashish K. Pandey “Tetrahydrofuran hydroperoxide and 3-Aminopropyltrimethoxysilane mediated controlled synthesis of Pd, Pd-Au, Au-Pd nanoparticles: Role of Palladium nanoparticles on the redox electrochemistry of ferrocene monocarboxylic acid” **Electrochimica Acta**, **2014**, **138**, **163– 173**.
2. P. C. Pandey, **Richa Singh** “Controlled Synthesis of Functional Silver Nanoparticles Dispersible in Aqueous and Non-Aqueous Medium” **Journal of Nanoscience and Nanotechnology**, **2015**, **15**, **5749-5759**.
3. P. C. Pandey, **Richa Singh** “Controlled Synthesis of Pd and Pd-Au nanoparticles: effect of organic amine and silanol groups on morphology and polycrystallinity of nanomaterials” **RSC Advances**, **2015**, **5**, **10964-10973**.
4. P. C. Pandey, **Richa Singh** “Controlled synthesis of functional Ag, Ag-Au/Au-Ag nanoparticles and their Prussian blue nanocomposites for bioanalytical applications” **RSC Advances**, **2015**, **5**, **49671-49679**.
5. P. C. Pandey, **Richa Singh** and D. Pandey “Extraction and Purification of Purple Membrane for Photochromic Thin Film Development: Application in Photoelectrochemical Investigation” **Applied Biochemistry and Biotechnology**, **2012**.

Patent

1. P. C. Pandey, **Richa Singh** “A Process for the Development of Photochromic Thin Film of Purple Membrane of Variable Thickness and Isolation of Purple membrane for the Same” **Indian Patent no. 3894/del. Publication date 2011**.