

## List of Publications

1. **Kanchan Yadav**, Shubham Garg, Ankush Kumar Singh; Sanjay Singh, Avanish Singh Parmar, Rosy, (2022) *Protein Nano Dots conjugated AuNP, poly-Lysine Bionterface for the Selective Voltammetric Estimation of Melatonin in Pharmaceutical and Food Samples*. **Microchemical Journal**, **179**, **8**
2. **Kanchan Yadav**, Megha Das, Nitesh Kumar Mishra, Anuj Chhabra, Archana Mishra, Sunita Srivastava, Sanjeev Kumar Yadav, Avanish Singh Parmar, (2022) *Self-assembled Bovine Serum Albumin Hydrogel: Fluorescent, Biocompatible Functional Material for Skin Protection against UVB*, **Nanotechnology Reviews** **11 (1)** **1643-1657**
3. **Kanchan Yadav**, Megha Das, Nurul Hassan, Jayeeta Lahiri, Ashutosh Kumar Dubey, Sanjeev Kumar Yadav, Avanish Singh Parmar, (2020) *Fluorescent Protein Nanodots as Novel Drug Delivery Carrier of Melatonin in Breast Cancer Cells*, **RSC Advances** **11 (16)**, **9076-9085**
4. Md Bayazeed Alam, **Kanchan Yadav**, Devyani Shukla, Ritu Srivastava, Jayeeta Lahiri, Avanish Singh Parmar (2019). *Carbon Quantum Dot as Electron Transporting Layer in Organic Light Emitting Diode*. **ChemistrySELECT**, **4 (25)**, 7450-7454
5. Satya Prakash Yadav, **Kanchan Yadav**, Jayeeta Lahiri, Avanish Singh Parmar (2019), *Ferroelectric liquid crystal nanocomposites: recent development and future perspective*. **Liquid Crystals Review**, **6 (2)**, **143**.
6. Ayushi Rastogi, **Kanchan Yadav**, Archana Mishra, Manu Smriti Singh, Shilpi Chaudhary, Rajiv Manohar, Avanish Singh Parmar (2022). *Early Diagnosis of Lung Cancer using Magnetic Nanoparticles Integrated Systems*. **Nanotechnology Reviews** **11 (1)** **544-574**

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7. Nilanjan Basu, Moram Sree Satya Bharati, Manju Sharma, **Kanchan Yadav**, Avanish Singh Parmar, Venugopal Rao Soma, Jayeeta Lahiri (2021) *Large Area Few-layer Hexagonal Boron Nitride as a Raman Enhancement Material*. **Nanomaterials** **11** (3) , **622**
  
  8. Piyush Sunil Agarwal, Suruchi Poddar, Neelima Varshney, Ajay Kumar Sahi, Kiran Yellappa Vajanthri, **Kanchan Yadav**, Avanish Singh Parmar and Sanjeev Kumar Mahto (2021) *Printability Assessment of Psyllium husk (Isabgol)/Gelatin Blends Using Rheological and Mechanical Properties*. **Journal of Biomaterials Applications** **35** (9) **1132-42**
  
  9. Abhishek Jha; Matte Kasi Viswanadh; Ankita Sanjay Burande; Abhishesh Kumar Mehata; Suruchi Poddar; **Kanchan Yadav**; Sanjeev Kumar Mahto, Avanish Singh Parmar, Madaswamy S Muthu (2020) *DNA biodots based targeted theranostic nanomedicine for the imaging and treatment of non-small cell lung cancer*. **International Journal of Biological Macromolecules** **150**, **413-425**