
LIST OF PUBLICATIONS

- [1] **Ankush Kumar Singh**, Pritesh Keshari, Arti Saroj, V. Ramanathan, Rosy*, Electrodeposition of Graphitic Carbon Nitride and its In-Situ Decoration with MnO₂ Nanostructures: A Tailored Interface for Dopamine Sensing, *Surfaces and Interfaces*, 42, 2023,103316.
- [2] **Ankush Kumar Singh**, Abhay Singh, Rosy*, One-Step Electrodeposition of MnO₂-Graphitic Carbon Nitride Composite Layer on Screen Printed Electrode for Electrocatalytic Dopamine Sensing, *Microchemical Journal*, 204, 2024, 110998.
- [3] **Ankush Kumar Singh**, Rashmi Yadav, Abhay Singh, Rosy*, In-situ Growth of CuO Nanoflakes on Graphitic Carbon Nitride Sheets: An Electro-active Interface for Electrocatalytic Oxidation and Detection of Riboflavin in Food and Nutritional Supplements, *Nano-Structures & Nano-Objects*, 39 ,2024,101284.
- [4] **Ankush Kumar Singh**, Tarul, Abhinav Pratap Singh Bias, Rosy*, Electrodeposited phosphorous doped graphitic carbon nitride based sensor: A versatile metal free tool for tryptophan detection in dietary, nutritional, and clinical and clinical samples, *Microchemical Journal*, 2024,110833.
- [5] Shubham Garg[#], **Ankush Kumar Singh**[#], Avanish Singh Parmar, Rosy*, Hexagonal Boron Nitride Decorated Polypropylene Separator for Dendritic Free Sodium Deposition and Stripping, *J. Electrochem. Soc.*, 170, 120513, # **equal contribution**
- [6] Kanchan Yadav[#], Shubham Garg[#], **Ankush Kumar Singh**, Sanjay Singh, Avanish Singh Parmar, Rosy*, Protein NanoDots Conjugated AuNP, Poly-Lysine Biointerface for the Selective Voltammetric Estimation of Melatonin in Pharmaceutical and Food Samples, *Microchemical Journal*, 179, 2022, 107563.

[7] **Ankush Kumar Singh[#]**, Rashmi Yadav[#], Abhay Singh, Rosy*, Poly-Methionine/Graphitic Carbon Nitride Modified Screen-Printed Electrodes: A Metal-Free, Bio-Interface for Tryptophan Sensing, *Materials Chemistry and Physics*, 2022, 129941, # **equal contribution**