

LIST OF PUBLICATIONS:

- Gayan Premaratne, **Manoj K. Patel** and Sadagopan Krishnan. A Novel Graphene Modified Electrochemical Sensor for Ultrasensitive Detection of T1D Serum Autoantibody. ***ECS Meeting Abstracts*** (2017) MA2017-01: 1747.
- Sadagopan Krishnan, Vini Singh, **Manoj K. Patel** and Jinesh Niroula. Surface Plasmon Immunoarrays for Non-Glucose Diabetes Biomarkers. ***ECS Meeting Abstracts*** (2017) MA2017-01: 1936.
- Gayan Premaratne, Jinesh Niroula, **Manoj K. Patel**, W. Zhong, S. L. Suib, K. A. Kalkan and Sadagopan Krishnan. Electrochemical and Surface Plasmon Correlation of Serum Autoantibody Immunoassay with Binding Insights: Graphenyl vs. Mercapto-Monolayer Surface. ***Analytical Chemistry*** (2018) 90 (21): 12456-12463 [[I.F: 6.80](#)].
- Sandeep Kumar Verma, Ashok Kumar Das, **Manoj K. Patel**, Ashish Shah, Vinay Kumar, Saikat Gantait. Engineered Nanomaterials for Plant Growth and Development: A Perspective Analysis. ***Science of the Total Environment*** (2018) 630:1413-1435 [[I.F: 8.20](#)].