

JOURNAL PUBLICATIONS

1. Rakshith B. ,Naik P. V., Suman Pahal, Nataraj C T, Raviprasad K. J., Shivananju B. N., Gurusiddappa R. Prashanth, "Fast-Dip Layer-by-Layer self-assembly of Polyelectrolytes as Low-cost Biosensing Platform", *Macromol. Chem. Phys.* 2200054, 2022.
2. Rakshith B, Natraj C.T., Shivananju B.N., Suman Pahal, Raviprasad K.J., and Prashanth G.R."Fluorescence Signal Enhancement by Spray-Assisted Layer-by-Layer Technique on Aluminium Tape Devices for Biosensing Applications", *Langmuir*, 38(10), 3149–3157, 2022.
3. Suman Pahal,Rakshith B,Prashanth G.R., Manoj M Varma," Simplifying Molecular Transport in Polyelectrolyte Multilayer Thin Films", *Macromol. Chem. Phys.* 2100330, 2021.
4. Boranna, R.; Nataraj, C. T.; Jagannath, R. K.; Pahal, S.; Varma, M. M.; Prashanth, G. R. Spin-Speed Independent Thickness and Molecular Adsorption Behaviour of Polyelectrolyte Multilayers. *Eur. Phys. J. Appl. Phys.* 93 (2), 20301, 2021.

CONFERENCES

1. Rakshith B., Chandrika T. N., Raviprasad K. Jagannath , Prashanth G.R." Low-cost Large-area Polymer Surfaces for Bio-Imaging Applications", *IONS India 2020*, IIT Delhi,India, 2020.
2. Rakshith B.,Shubhro C.B., Chandrika T. N., Nithin Kumar Y.B., Manoj M. Varma, Prashanth G. R.," Affordable point-of-care diagnostics using Polymer-metal nano-composites for labeled bio-molecular sensing applications",2018, *Photonics 2018: International conference on Fiber optics and photonics*, IIT Delhi,India
3. B. Rakshith, T. N. Chandrika, M. M. Varma and G. R. Prashanth, "Ultra Low Cost All Polymer Systems for Biosensing Applications," 2018 *IEEE SENSORS*, 2018, pp. 1-3
4. Suchitra M., N.M. Renukappa, Rakshith B."Evaluation of glass fiber reinforced epoxy composite insulator class by TGA decomposition Kinetics, 2016, *SCICON 16*,Coimbatore,India