LIST OF PUBLICATIONS

1. Thermodynamic quantities for different steps involved in the mechanism of oxidation of 6-mercaptopurine by diperiodatocuprate(III) in aqueous alkaline medium
   Keerti M. Naik and S. T. Nandibewoor

2. Kinetics of uncatalyzed and ruthenium(III) catalyzed ring opening oxidation of 5-fluorouracil by copper(III) periodate complex in aqueous alkaline medium – Mechanisms involving keto-enol tautomerism
   Keerti M. Naik and S. T. Nandibewoor
   Current Chemical Research (Accepted)

3. Mechanistic aspects of uncatalyzed and ruthenium (III) catalyzed oxidation of 1,4-Dioxane by copper (III) periodate complex in aqueous alkaline medium
   Keerti M. Naik and S. T. Nandibewoor

4. Kinetic and mechanistic study of oxidation of succinamide by diperiodotocuprate(III) in aqueous alkaline medium
   Keerti M. Naik and S. T. Nandibewoor
   Oxidation Communications. 35, No. 3, 545 - 559.

5. Kinetics and mechanism of oxidation of L-leucine by alkaline diperiodatocuprate(III) - A free radical intervention, deamination and decarboxylation
   Keerti M. Naik and S. T. Nandibewoor

6. Highly sensitive analysis of the Chalcone in human plasma and urine by RP-high-performance liquid chromatography
   Keerti M. Naik and S. T. Nandibewoor

7. RP-HPLC method for the estimation of 6-mercaptopurine in Pure and Pharmaceutical Formulation
   Keerti M. Naik and S. T. Nandibewoor
   Journal of Analytical Chemistry (Accepted)
8. Electrochemical behavior of chalcone at a glassy carbon electrode and its analytical applications
   Keerti M. Naik and S. T. Nandibewoor
   American Journal of Analytical Chemistry. 3 (9) (2012) 656 - 663.

9. Spectral characterization of the binding and conformational changes of bovine serum albumin upon interaction with an anti-fungal drug, methylparaben
   Keerti M. Naik and S. T. Nandibewoor
   Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (Accepted)

    Keerti M. Naik and S. T. Nandibewoor
    Journal of Electroanalytical Chemistry (Revision submitted)

11. Spectroscopic studies on the interaction between chalcone and bovine serum albumin
    Keerti M. Naik and S. T. Nandibewoor
    Journal of Luminescence (Revision submitted)

12. Electrochemistry and detection of gemcitabine hydrochloride, an anticancer drug at gold electrode
    Keerti M. Naik and S. T. Nandibewoor
    Journal of Industrial and Engineering Chemistry (Under revision)

13. Electroanalytical method for the determination of methylparaben
    Keerti M. Naik and S. T. Nandibewoor
    Journal of Electrochemica Acta (Revision submitted)

14. Development of novel and simple electrochemical method for the determination of methylparaben on pencil graphite electrode
    Keerti M. Naik and S. T. Nandibewoor
    Springer Book (Under review)

15. Investigation of the interaction between methylparaben and erythromycin with human serum albumin by multi-spectroscopic methods
    Keerti M. Naik and S. T. Nandibewoor
    Journal of Analytical Biochemistry (Under review)

16. Novel electroanalysis of hydroxyurea at glassy carbon and gold electrode surfaces
    Keerti M. Naik and S. T. Nandibewoor
    Bioelectrochemistry (Under review)