## National and International List of Publications

**1)** "Electrochemical Studies of Dopamine Using Titaniumdioxide Nanoparticle Modified Carbon Paste Electrode". **S.R Kiran Kumar ,**G.P Mamatha , K. Yogesh Kumar ,H.B. Muralidhara **.** *Analytical & Bioanalytical Electrochemistry Anal. Bioanal. Electrochem., Vol. 7, No. 2, 2015, 175- 185.*

**2)** "Synthesis and Characterization of Copper Oxide Nanoparticles: To Study Voltammetric Response of Biomolecules*."* **S.R Kiran Kumar ,**G.P Mamatha , K. Yogesh Kumar, H.B. Muralidhara. Springer- ISSN 1068-3755, Surface Engineering and Applied Electrochemistry, , 2016, Vol. 52, No. 5, pp. 469–474. **(Impact Factor-0.29)**

**3)** "Synthesis and characterization of ZnO-CuO nano-composites and its application in modified carbon paste electrode for electrochemical detection of Dopamine, Folic acid and Paracetomol" **S.R Kiran Kumar,** G.P Mamatha , H.B. Muralidhara, Journal of Chemical, Biological and Physical Sciences Section-A, (**Chemical Sciences**) , J. Chem. Bio. Phy. Sci. Sec. A, May 2016 – July 2016; Vol.6, No.3; 821-833. **(Impact Factor-1.08)**

**4)** "Hydrothermal Synthesis of Hierarchical Copper Oxide Nanoparticles and its Potential Application as Adsorbent for Pb(II) with High Removal Capacity". **S. R. KiranKumar.** Separation Science and Technology, 49: 2389–2399, 2014 Taylor & Francis Group. **(Impact Factor-1.2)**

**5)** "Cost effective and shape controlled approach to synthesize hierarchically assembled NiO nanoflakes for the removal of toxic heavy metal ions in aqueous solution". **S. R. Kiran Kumar** Bull. Mater. Sci.Vol. 38, No. 1, February 2015, pp. 1–12. Indian Academy of Sciences. **(Impact Factor-1.07).**

**6)** "ZnO-NiO nanocomposites as highly recyclable adsorbent for effective removal of Pb(II) and Cd(II) from aqueous solution". **S.R. Kiran Kumar**, Proceedings of the "International conference on Advanced nanomaterials & Emerging Engineering Technologies" organised by Sathyabama University, Chennai, India. 24$^{th}$ -26$^{th}$ July 2013. IEEE, ISBN: 978-1-4799-1377-0. **IF: 1.017. Citations: 19**.

**7)** *"Synthesis, Characterization And Application Of Hierarchically Assembled Zinc Oxide Nanorods For The Removal Of Hg(II) From Waste Water''* **S.R Kiran Kumar.** ISBN No :978-81-928203-2-3.

**8)** "Synthesis and Characterization of Hierarchical Nickel Oxide (NiO) Nanoparticles and its application in Modified Carbon Paste Electrode for Electrochemical Detection of Biomolecules". **S.R Kiran Kumar ,** K. Yogesh Kumar ,G.P Mamatha , H.B. Muralidhara, **Journal of Chemical and Pharmaceutical Research, 2016, 8(8):633-639. (IF-0.46).**

**9)** "Fabrication of carbon nanospheres using natural resources and their voltametric studies of dopamine". ***accepted to*** **MATERIALS Today E**lsevier (2016).

**10)** *"Synthesis and characterization of Hierarchically assembled ZnO Nanoparticles and its application in modified carbon paste electrode for electrochemical detection of D*opamine*"*. **S.R Kiran Kumar ,** K. Yogesh Kumar ,G.P Mamatha , *accepted to* MATERIALS Today E**lsevier (2016)**

**11)** *"Synthesis and characterization of ZnO-NiO nano-composites and its application in modified carbon paste electrode for electrochemical detection of Dopamine, Folic acid and Paracetomol"*. **S.R Kiran Kumar ,** K. Yogesh Kumar ,G.P Mamatha ,Communicated to Springer - Cluster Sciences.

**12)** *"Highly efficient multipurpose graphene oxide embedded with copper oxide as nanohybrid for electrochemical sensors and biomedical applications"* **S.R Kiran Kumar ,** K. Yogesh Kumar , Published in E**lsevier - Journal of Science: Advanced Materials and Devices. (DOI: 10.1016/j.jsamd.2017.08.003)**

**13)** *"Facile synthesis of Nanocrystalline β-$SnWO_4$ investigation of efficient catalyst for photocatalytic activities, Bio sensing and high performance anode material for Li-ion battery",* **S. R. Kiran Kumar**, G. Nagaraju , Communicated to E**lsevier -** Powder Technology.

**14)** *"Mesoporous carbon nanospheres developed by using natural bio-resources as highly responsive and selective determination platform for dopamine",* **S.R. Kiran Kumar**, Gurumurthy Hegde, Communicated to Springer -International Nano Letters.

**15)** ***"Synthesis and characterization of ZnO nanorods for Voltammetric detection of Dopamine, Folic acid and Paracetamol",*** **S.R Kiran Kumar,** G.P. Mamatha **Communicated** to Analytical and Bioanalytical Chemistry Research.